

Catálogo de Machos de Roscar

2013



Para hacerle la vida más fácil, hemos desarrollado un nuevo estándar

ISO 13399 es un estándar internacional que simplificará el intercambio de datos para herramientas de corte. Por ello, notará una ligera diferencia en los parámetros y descripciones de cada herramienta.

Por primera vez en la historia disponemos de una forma normalizada para describir los datos de producto relativos a herramientas de corte disponibles. Cuando todas las herramientas de la industria comparten los mismos parámetros y definiciones, la comunicación de la información de las herramientas entre distintos sistemas de software pasa a ser un proceso muy sencillo.

¿Qué significa esto para usted?

Básicamente, quiere decir que sus sistemas y los nuestros podrán comunicarse sin ningún tipo de barrera gracias a que compartirán un mismo idioma. Descárguese la información de producto de nuestra página web y utilícela directamente en su software CAD/ CAM para montar las herramientas que utiliza en su producción. No necesitará buscar información en catálogos ni interpretar datos para pasar de un sistema a otro. ¡Imagine cuánto tiempo ahorrará!

Parámetros del Catálogo de Machos de Roscar

Abreviatura	Nombre
BD	diámetro del cuerpo
BSG	Estándar
COATING	Recubrimiento
CNSC	salida de refrigerante, código de tipo. 0 = sin refrigerante, 1 = refrigerante a través del centro
CZC	
DCB	agujero de conexión, diámetro
DCSFMS	diámetro de superficie de contacto, lado de la máquina
DCSFWS	diámetro de superficie de contacto, lado de la pieza
DMM	Diámetro de mango
FHA	Ángulo de estría helicoidal
LB	longitud del cuerpo
LF	longitud funcional
LSC	longitud de sujeción
LU	longitud utilizable
NOF	número de ranuras
OAL	altura global
PHD	agujero premeconizado, diámetro
PHDX	diámetro de agujero premeconizado máximo
SUBSTRATE	
TCT	clase de tolerancia, herramienta
TCTR	clase de tolerancia, rosca
TD	diámetro de la rosca
TDZ	tamaño del diámetro de la rosca
TFLA	longitud frontal macho flotante
TFLB	longitud trasera macho flotante
THCHT	tipo de rosca de chafan
THFT	rosca por tipo
THLGTH	longitud de la rosca
TP	paso de rosca
TQ	par
TSYC	código del tipo de herramienta
ULDR	longitud utilizable, proporción del diámetro
_MS	Lado de la máquina
_WS	Lado de la pieza de trabajo

Catálogo de machos de roscar

CoroTap™

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Oferta completa de machos de roscar

Sandvik Coromant ahora ofrece una completa gama de machos de roscar que cubre todos los grupos de materiales y perfiles de rosca.

Las herramientas CoroTap optimizadas para materiales específicos son la solución perfecta para producciones de lotes grandes, cuando se mecaniza la misma pieza en el mismo material o cuando hay requisitos especiales de aplicación.



Las herramientas CoroTap optimizadas para la versatilidad son la solución indicada para producciones de lotes de pequeños a medianos y cuando hay una variedad de piezas en una amplia gama de materiales.

Soluciones fabricadas a la medida

Además de un amplio programa de estandar, podemos ofrecerle herramientas que se ajusten a sus necesidades de dimensiones y requerimientos.

Si no encuentra la herramienta que necesita dentro de nuestro extenso catálogo, confíe en la experiencia de Sandvik Coromant en productos especiales de ingeniería para cubrir sus demandas particulares.



Para más información diríjase a nuestra página web: www.sandvik.coromant.com o contacte con su técnico habitual de Sandvik Coromant.

CoroTap™ 100 2-2.5xD										
										
										
K			N			H				
	DIN	ANSI	ISO	DIN	ANSI	ISO	DIN	ANSI	ISO	
M	22-28	29-32	33	34-35			36-37			
MF	38-39	40-41	42							
UNC		43-46	47							
UNF		48-51								
NPT										
NPTF										
G	52									



CoroTap™ 100

- Machos con estrías rectas
- Principalmente utilizados para materiales de viruta corta como la fundición
- Adecuados tanto para agujeros pasantes como ciegos
- La estría se utiliza principalmente para el refrigerante pero, en caso de emplear refrigerante interno, también se utiliza para la evacuación de viruta

CoroTap™ 200 2.5-3xD										
										
										
P 30-48 HRC			P ≤350 HB			M				
	DIN	ANSI	ISO	DIN	ANSI	ISO	DIN	ANSI	ISO	
M	53-54	55		56-58	59	60	61-64	65	66-67	
MF		73		74-75	76		77			
UNC		78			79-81	82		83	84	
UNF		86			87-88			89	90	
NPT										
NPTF										
G										
N			P M K N S Multi							
	DIN	ANSI	ISO	DIN	ANSI	ISO				
M	68-71	72		143-149	150-151	152-153				
MF				154-157	158-159	160-163				
UNC		85		164-165	166-168	169-170				
UNF		91		171-172	173-174	175-176				
NPT										
NPTF										
G				177-178						



CoroTap™ 200

- Machos con rectificación de punta helicoidal
- Empujan la viruta hacia el frente
- Empleados para agujeros pasantes
- Diseño más robusto debido a las estrías superficiales sólo utilizadas para el refrigerante, no para la evacuación de viruta

CoroTap™ 300

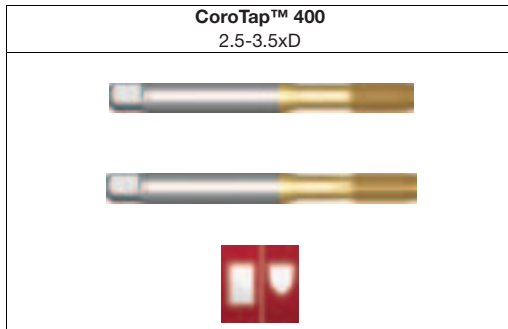
- Machos con rectificación de estría helicoidal
- La estría helicoidal extrae la viruta del agujero
- Mejor opción para agujeros ciegos
- Estría helicoidal de distinto ángulo para diferentes aplicaciones
- La estría se emplea tanto para el refrigerante como para la evacuación de viruta
- Diferentes profundidades de rosca debido a la aplicación y a la geometría



CoroTap™ 300 1.5xD												
P 30-48 HRC			M			N			P M K N S Multi			
	DIN	ANSI	ISO	DIN	ANSI	ISO	DIN	ANSI	ISO	DIN	ANSI	ISO
M	92-93	94					110-113	116		180-182		
MF		117										
UNC		123						131				
UNF		132						137				
NPT					139						218	
NPTF					140						219	
G												

CoroTap™ 300 2-3xD												
P ≤ 350 HB			M			K			N			
	DIN	ANSI	ISO	DIN	ANSI	ISO	DIN	ANSI	ISO	DIN	ANSI	ISO
M	95-97	98	99-100	101-103	104-105	106-107	108-109			114-115		
MF	118-119	120		121						122		
UNC		124-126	127		128-129	130						
UNF		133			134-135	136						
NPT												
NPTF												
G				138								

P M K N S Multi			
	DIN	ANSI	ISO
M	183-191	192-193	194-195
MF	196-199	200-201	202-203
UNC	204-205	206-207	208-209
UNF	210-211	212-213	214-215
NPT			
NPTF			
G	216-217		



CoroTap™ 400

- Machos que laminan la rosca en lugar de cortar
- Una solución libre de virutas
- No todos los materiales son adecuados debido a una cierta ductilidad. El límite de resistencia a la tracción es de 1200 N/mm²
- Tanto para agujeros pasantes como ciegos
- Disponible con y sin estría de lubricación

N

P M
N S

Multi

	DIN	ANSI	ISO	DIN	ANSI	ISO
M	141		142	220-230	231-232	233-237
MF				238	239	
UNC					240-241	242-243
UNF					244-245	246
NPT						
NPTF						
G						
EGM				247		

Cómo interpretar el índice visual

		
TSYC	EX09P	Código de tipo de herramienta
	Página 97	Referencias de página
	M4-M30	Gama de machos
THFT		Forma de la rosca
		Áreas de aplicación ISO
BSG		Estándar
TCTR		Tolerancia de la rosca
THFP, BHFP		Propiedad de la función del agujero pasante, Propiedad de la función del agujero ciego
ULDR		Relación del diámetro de longitud utilizable
SUBSTRATE		Sustrato
CXSC		Código de tipo de salida de refrigerante
THCHT		Tipo de chaflán de roscado
FHA		Ángulo de estría helicoidal
HAND		Izquierda/Derecha
COATING		Recubrimiento

Para una descripción completa de los símbolos, véase la página 309

CoroTap™ 100

E446	E447	ES03K	T101	E462	E463	ES09K	E835	E825	E837	E827	E053	E352	E353	T110	T100	ES13K
Página 22	Página 23	Página 24	Página 25	Página 26	Página 27	Página 28	Página 29	Página 30	Página 31	Página 32	Página 33	Página 34	Página 35	Página 36	Página 37	Página 38
M3-M10	M8-M24	M5-M12	M5-M16	M6-M10	M12-M20	M6-M12	M6-M18	M6-M18	M6-M20	M6-M20	M3-M20	M3-M10	M12-M16	M3-M12	M3-M12	M10-M20
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	MF
K	K	K	K	K	K	K	K	K	K	K	K	N	N	H	H	K
DIN 374	DIN 374	DIN 374-10 374-12	DIN 374-10 374-12	DIN 374	DIN 374	DIN 374-10 374-12	DIN ANSI	DIN ANSI	DIN ANSI	DIN ANSI	ISO 838	DIN 374	DIN 374	DIN 374	DIN 374	DIN 374
6HX	6HX	6HX	6H	6HX	6HX	6HX	6HX	6HX	6HX	6HX	6HX	6H	6H	6HX	6H	6HX
2XD	2XD	2XD	1.5XD	1.5XD	1.5XD	1.5XD	2XD	2XD	1.5XD	1.5XD	2XD	2XD	2XD	2XD	2XD	2XD
HSS-E-PM	HSS-E-PM	HSS-E-PM	HM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E-PM	HSS-E-PM	HM	HM	HSS-E-PM
C 2-3	C 2-3	E 1.5-2	C 2-3	C 2-3	C 2-3	E 1.5-2	C 2-3	E 1.5-2	C 2-3	E 1.5-2	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3
Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP			Cool TOP	Cool TOP	Cool TOP

CoroTap™ 100

T120	E836	E838	E054	E830	E839	E832	E822	E059	E831	E821	E833	E823	E416
Página 39	Página 40	Página 41	Página 42	Página 43	Página 44	Página 45	Página 46	Página 47	Página 48	Página 49	Página 50	Página 51	Página 52
M8-M14	M10-M14	M10-M14	M8-M16	1/4-7/8	1/4-7/8	1/4-1/2	1/4-1/2	1/4-3/4	1/4-7/8	1/4-3/4	1/4-1/2	1/4-7/16	1/8-1
MF	MF	MF	MF	UNC	UNC	UNC	UNC	UNC	UNF	UNF	UNF	UNF	G
K	K	K	K	K	K	K	K	K	K	K	K	K	K
DIN 374	DIN ANSI	DIN ANSI	ISO 828	DIN ANSI	DIN ANSI	DIN ANSI	DIN ANSI	ISO 828	DIN ANSI	DIN ANSI	DIN ANSI	DIN ANSI	DIN 8166
6HX	6HX	6HX	6HX	2BX	2BX	2BX	2BX	2B	2BX	2BX	2BX	2BX	Normal
HM	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E
C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	E 1.5-2	C 2-3	E 1.5-2	C 2-3	C 2-3	E 1.5-2	C 2-3	E 1.5-2	C 2-3

CoroTap™ 200

E324	E326
Página 53	Página 54
M3-M10	M12-M20
M	M
P 30-48 HRC	P 30-48 HRC
-DIN 374	DIN 374
6H	6H
HSS-E-PM	HSS-E-PM
B 3.5-5	B 3.5-5

CoroTap™ 200

E854	EP03P	EP09P	EP03PA	E049	E344	E454	E345	E455	E852	E045	E046	E358	E448	E359	E449	E856
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M3-M20	M1-M30	M4-M30	M3-M24	M3-M20	M3-M10	M1-M10	M12-M30	M12-M20	M4-M18	M3-M20	M3-M20	M3-M10	M3-M10	M12-M16	M12-M16	M3-M12
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
P 30-48 HRC	P ≤350HB	P ≤350HB	P ≤350HB	P ≤350HB	M	M	M	M	M	M	M	N	N	N	N	N
DIN ANSI	DIN 3715-10 3715-12	DIN 3715-10 3715-12	DIN ANSI	ISO 828	DIN 374	DIN 374	DIN 374	DIN 374	DIN ANSI	ISO 828	ISO 828	DIN 374	DIN 374	DIN 374	DIN 374	DIN ANSI
6H	6HX	6HX	6HX	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
1.5XD	1XD	1XD	1XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1XD	1XD	1XD	1XD	1XD
HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-PM	HSS-E	HSS-E	HSS-E	HSS-E	HSS-PM	HSS-PM	HSS-PM	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E-PM
3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5

CoroTap™ 200

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M10-M12	M4-M30	M8-M18	M6-M20	No.4-3/4	No.2-1"	1/4-1"	No.6-3/4	No.4-7/8	No.4-3/4	No.4-1/2	No.10-3/4	No.8-1"	No.10-5/8	No.10-7/8	No.10-3/8	No.10-3/8
MF	MF	MF	MF	UNC	UNC	UNC	UNC	UNC	UNC	UNC	UNF	UNF	UNF	UNF	UNF	UNF
P 30-48 HRC	P ≤350HB	P ≤350HB	M	P 30-48 HRC	P ≤350HB	P ≤350HB	P ≤350HB	M	M	N	P 30-48 HRC	P ≤350HB	P ≤350HB	M	M	N
DIN ANSI	DIN 374	DIN ANSI	DIN 374	DIN ANSI	DIN ANSI	DIN ANSI	ISO 428	DIN ANSI	ISO 428	DIN ANSI	DIN ANSI	DIN ANSI	DIN ANSI	DIN ANSI	ISO 428	DIN ANSI
6H	6HX	6HX	6H	2B	2B	2BX	2B	2B	2B	2B	2B	2B	2B	2B	2B	2B
1.5XD	3XD	3XD	1.5XD	1.5XD	3XD	3XD	1.5XD	1.5XD	1.5XD	3XD	1.5XD	3XD	3XD	1.5XD	1.5XD	3XD
HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-PM	HSS-PM	HSS-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-PM	HSS-PM	HSS-E-PM
3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5

CoroTap™ 300

E314	E316	E864	EX03P	EX09P	EX03PA	E050	E051	E346	E347	E404	E862	E085	E047	E048	T105	T106
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M3-M10	M12-M16	M3-M20	M1.6-M30	M4-M30	M3-M24	M3-M20	M6-M20	M3-M10	M12-M30	M1.6-M20	M4-M16	M4-M20	M3-M20	M3-M20	M3-M12	M5-M12
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
P 30-48 HRC	P 30-48 HRC	P 30-48 HRC	P ≤350HB	P ≤350HB	P ≤350HB	P ≤350HB	P ≤350HB	M	M	M	M	M	M	M	K	K
-DIN 374	DIN 374	DIN ANSI	DIN 374-10 374-12	DIN 374-10 374-12	DIN ANSI	ISO 838	ISO 838	DIN 374	DIN 374	DIN 374-10 374-12	DIN ANSI	ANSI	ISO 838	ISO 838	DIN 374-10 374-12	DIN 374-10 374-12
6H	6H	6H	6HX	6HX	6HX	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
1.5XD	1.5XD	1.5XD	3XD	3XD	3XD	1.5XD	1.5XD	2XD	2XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	2XD	3XD
HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-PM	HSS-PM	HSS-E	HSS-E	HSS-E	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HM	HM
C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3
Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	Cool TOP	ST	ST	Smooth TOP	Smooth TOP	ST	ST	Smooth TOP	Smooth TOP	Smooth TOP

CoroTap™ 300

E354	E450	E355	E451	E360	E361	E866	E865	EX13P	EX13PA	E363	E367	E884	EX23PA	EX29PA	E058	E882	
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M3-M10	M3-M10	M12-M16	M12-M16	M3-M10	M12-M20	M3-M12	M10-M12	M4-M30	M8-M18	M6-M20	M4-M20	No.4-3/4	No.2-1"	1/4-1"	No.6-3/4	No.4-7/8	
M	M	M	M	M	M	M	MF	MF	MF	MF	MF	UNC	UNC	UNC	UNC	UNC	
N	N	N	N	N	N	N	P	P	P	M	N	P	P	P	P	M	
							30-48 HRC	≤350HB	≤350HB			30-48 HRC	≤350HB	≤350HB	≤350HB		
DIN 374	DIN 374	DIN 378	DIN 378	DIN 374	DIN 378	DIN ANSI	DIN ANSI	DIN 374	DIN ANSI	DIN 374	DIN 374	DIN ANSI	DIN ANSI	DIN ANSI	ISO 828	DIN ANSI	
6H	6H	6H	6H	6H	6H	6H	6H	6HX	6HX	6H	6H	2B	2B	2B	2B	2B	
1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	3XD	3XD	2XD	1.5XD	1.5XD	3XD	3XD	1.5XD	1.5XD	
HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-PM	HSS-PM	
C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	
15°	15°	15°	15°	35°	35°	15°	15°	48°	48°	40°	35°	15°	48°	48°	45°	48°	
	Smooth TOP		Smooth TOP					Cool TOP	Cool TOP	Cool TOP	ST		Cool TOP	Cool TOP	Cool TOP	Cool TOP	Smooth TOP

CoroTap™ 300

E069	E056	E886	E885	EX33PA	E883	E079	E095	E887	E362	E736	E738
Página 129	Página 130	Página 131	Página 132	Página 133	Página 134	Página 135	Página 136	Página 137	Página 138	Página 139	Página 140
No.4-1"	No.4-3/4"	No.4-3/4"	No.10-3/4"	No.8-1"	No.10-7/8"	No.10-1"	No.10-1/2"	No.10-1/2"	1/8-1"	1/16-1"	1/16-3/4"
UNC	UNC	UNC	UNF	UNF	UNF	UNF	UNF	UNF	G	NPT	NPTF
M	M	N	P	P	M	M	M	N	M	M	M
			30-48 HRC	≤350HB							
ANSI	ISO 838	DIN ANSI	DIN ANSI	DIN ANSI	DIN ANSI	ANSI	ISO 838	DIN ANSI	DIN 8168	DIN ANSI	DIN ANSI
3B	2B	2B	2B	2B	2B	3B	2B	2B	Normal	Normal	Normal
1.5XD	1.5XD	1.5XD	1.5XD	3XD	1.5XD	1.5XD	1.5XD	1.5XD	2XD	1.5XD	1.5XD
HSS-PM	HSS-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-PM	HSS-PM	HSS-PM	HSS-E-PM	HSS-E	HSS-E	HSS-E
C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3
48°	48°	15°	15°	48°	48°	48°	48°	15°	40°	30°	30°
ST	ST		Cool TOP	Cool TOP	Smooth TOP	ST	ST		ST	ST	ST

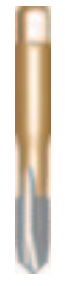
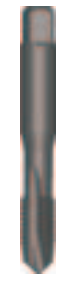
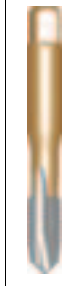


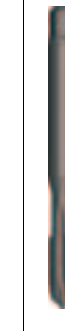





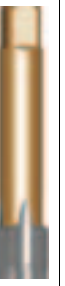




































CoroTap™ 400

E313	E080
Página 141	Página 142
M3-M8	M2-M8
M	M
N	N
DIN 2174	ISO 838
6HX	6HX
3XD	1.5XD
HSS-E	HSS-PM
C 2-3.5	C 2-3
Smooth TOP	Smooth TOP


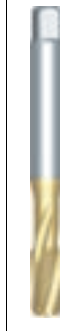
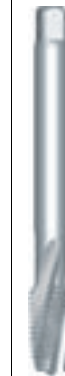













CoroTap™ 200

EP006H	EP016H	EP006G	EP016G	E616	E005	E006	E000	E001	EP10	EP11	E015	E016	E010	E011	EP20	EP21
Página 143	Página 145	Página 147	Página 148	Página 149	Página 150	Página 151	Página 152	Página 153	Página 154	Página 156	Página 158	Página 159	Página 160	Página 162	Página 164	Página 165
M2 - M30	M2 - M30	M3 - M20	M3 - M20	M3 - M20	M4 - M20	M4 - M20	M1.6 - M24	M1.6 - M24	M4 - M30	M4 - M30	M8 - M18	M8 - M18	M4 - M24	M4 - M24	No.4 - 1"	No.4 - 1"
M	M	M	M	M	M	M	M	M	MF	MF	MF	MF	MF	MF	UNC	UNC
P K N S	P M K	P K N S	P M K	P M K N S	P K N S	P M K	P K N S	P M K	P M K N S	P M K	P K N S	P M K	P K N S	P M K	P K N S	P M K
DIN 374-10 374-12	DIN 374-10 374-12	DIN 374-10 374-12	DIN 374-10 374-12	DIN 374-10 374-12	ANSI	ANSI	ISO 826	ISO 826	DIN 374	DIN 374	ANSI	ANSI	ISO 826	ISO 826	DIN 7844	DIN 7844
6H	6H	6G	6G	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	2B	2B
1.5XD	1.5XD	1.5XD	1.5XD	3XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD
HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-E	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM
3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5
	ST		ST			ST		ST				ST		ST		ST







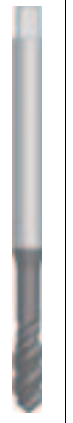







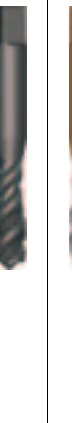





















































CoroTap™ 200

											
E025	E026	E020	E021	EP30	EP31	E035	E036	E030	E031	EP40	EP41
Página 166	Página 167	Página 169	Página 170	Página 171	Página 172	Página 173	Página 174	Página 175	Página 176	Página 177	Página 178
No.6 - 1"	No.2 - 1"	No.2 - 1"	No.2 - 1"	No.8 - 1"	No.8 - 1"	No.6 - 1"	No.10 - 1"	No.8 - 1"	No.8 - 1"	1/8 - 1"	1/8 - 1"
UNC	UNC	UNC	UNC	UNF	UNF	UNF	UNF	UNF	UNF	G	G
											
ANSI	ANSI	ISO 828	ISO 828	DIN 9134	DIN 9134	ANSI	ANSI	ISO 828	ISO 828	DIN 6156	DIN 6156
3B	3B	2B	2B	2B	2B	3B	3B	2B	2B	Normal	Normal
											
1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD
HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-E	HSS-E
3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5	3.5-5
											
	ST		ST		ST		ST		ST		ST

































































CoroTap™ 300

			
E207	E212	E258	E263
Página 179	Página 180	Página 181	Página 182
M2 - M10	M3 - M10	M4 - M36	M12 - M36
M	M	M	M
			
DIN 374	DIN 374	DIN 374	DIN 374
6H	6H	6H	6H
			
1.5XD	1.5XD	1.5XD	1.5XD
HSS-E	HSS-E	HSS-E	HSS-E
C 2-3	C 2-3	C 2-3	C 2-3
			
	TIN		TIN





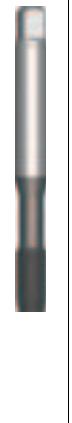
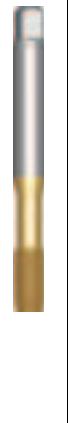
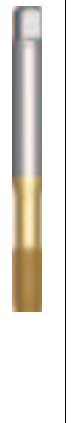
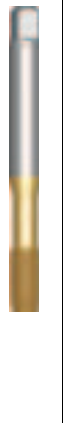

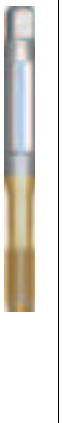
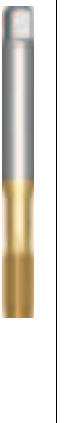














































































CoroTap™ 300

																
E195	E245	EX006H	EX016H	EX006G	EX016G	E615	E007	E008	E002	E003	EX10	EX11	E017	E018	E012	E013
Página 183	Página 184	Página 185	Página 187	Página 189	Página 190	Página 191	Página 192	Página 193	Página 194	Página 195	Página 196	Página 198	Página 200	Página 201	Página 202	Página 203
M3 - M10	M12 - M30	M2 - M64	M2 - M64	M3 - M20	M3 - M20	M3 - M20	M4 - M20	M4 - M20	M2 - M24	M2 - M24	M4 - M30	M4 - M30	M8 - M18	M8 - M18	M4 - M22	M4 - M22
M	M	M	M	M	M	M	M	M	M	M	MF	MF	MF	MF	MF	MF
P N	P N	P N S	P M	P N S	P M	P M K N S	P N S	P M	P N S	P M	P N S	P M	P N S	P M	P N S	P M
DIN 374	DIN 374	DIN 374-10 / 376-12	DIN 374-10 / 376-12	DIN 374-10 / 376-12	DIN 374-10 / 376-12	DIN 374-10 / 376-12	ANSI	ANSI	ISO 838	ISO 838	DIN 374	DIN 374	ANSI	ANSI	ISO 838	ISO 838
6H	6H	6H	6H	6G	6G	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H	6H
																
HSS-E	HSS-E	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-E	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM
C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3
40°	40°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°
																
																



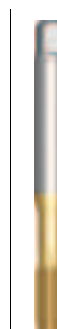



























CoroTap™ 300

															
EX20	EX21	E027	E028	E022	E023	EX30	EX31	E037	E038	E032	E033	EX40	EX41	E735	E737
Página 204	Página 205	Página 206	Página 207	Página 208	Página 209	Página 210	Página 211	Página 212	Página 213	Página 214	Página 215	Página 216	Página 217	Página 218	Página 219
No.4 - 1"	No.4 - 1"	No.6 - 1"	No.4 - 1"	No.2 - 1"	No.2 - 1"	No.8 - 1"	No.8 - 1"	No.10 - 1"	No.10 - 1"	No.4 - 1"	No.8 - 1"	1/8 - 1.1/2"	1/8 - 1.1/2"	1/16 - 1"	1/16 - 3/4"
UNC	UNC	UNC	UNC	UNC	UNC	UNF	UNF	UNF	UNF	UNF	UNF	G	G	NPT	NPTF
															
DIN P1884	DIN P1884	ANSI	ANSI	ISO 826	ISO 826	DIN P1884	DIN P1884	ANSI	ANSI	ISO 826	ISO 826	DIN 6106	DIN 6106	DIN ANSI	DIN ANSI
2B	2B	3B	3B	2B	2B	2B	2B	3B	3B	2B	2B	Normal	Normal	Normal	Normal
															
1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD	1.5XD
HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-E	HSS-E
HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-E	HSS-E
C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3
C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3
45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	15°
45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°	15°
															
ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST	ST

CoroTap™ 400

																
T115	T116	E301	E302	E306	E309	E305	E310	E308	E315	E890	E094	E090	E091	E096	E097	E099
Página 220	Página 221	Página 222	Página 223	Página 225	Página 226	Página 227	Página 228	Página 229	Página 230	Página 231	Página 232	Página 233	Página 234	Página 235	Página 236	Página 237
M3 - M10	M5 - M12	M1 - M24	M1 - M24	M3 - M12	M3 - M12	M3 - M10	M3 - M10	M3 - M24	M5 - M12	M3 - M20	M3 - M10	M12 - M16	M12 - M16	M3 - M16	M2 - M16	M4 - M16
M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
																
DIN 2474	DIN 2474	DIN 2474	DIN 2474	DIN 2474	DIN 2474	DIN 2474	DIN 2474	DIN 2474	DIN 2474	DIN 2474	DIN ANSI	ANSI	ISO 826	ISO 826	ISO 826	ISO 826
6HX	6HX	6HX	6HX	6HX	6GX	6HX	6GX	6HX	6HX	6H	6HX	6HX	6HX	6HX	6HX	6HX
																
XD	XD	XD	XD	XD	XD	XD	XD	XD	XD	XD	XD	XD	XD	XD	XD	XD
HM	HM	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM	HSS-PM
																
C 2-3	C 2-3	C 2-3.5	C 2-3.5	C 2-3.5	C 2-3.5	E 1.5-2	E 1.5-2	C 2-3.5	C 2-3.5	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3
																
																
TiCN	TiCN		TiN	CrN	TiN	TiN	TiN	TiN	TiN	TiN			TiN	TiN	CrN	TiN

CoroTap™ 400

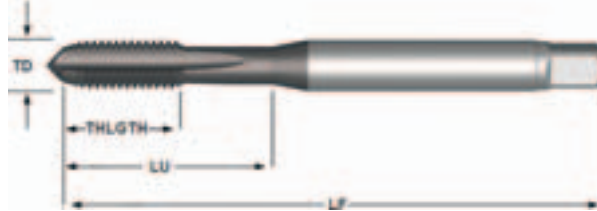
									
E317	E891	E892	E064	E523	E596	E893	E074	E530	E323
Página 238	Página 239	Página 240	Página 241	Página 242	Página 243	Página 244	Página 245	Página 246	Página 247
M5 - M16	M10 - M12	No.4 - 1"	No.4 - 3/8	No.4 - 3/8	No.4 - 3/8	No.10 - 1"	No.10 - 3/8	No.10 - 7/16	M3 - M12
MF	MF	UNC	UNC	UNC	UNC	UNF	UNF	UNF	EGM Insert
P M N S	P M N S	P M N S	P N	P N	P M N S	P M N S	P N	P N	P M N S
DIN 2474	DIN ANSI	DIN ANSI	ANSI	ISO 826	ISO 826	DIN ANSI	ANSI	ISO 826	DIN 4543B
6HX	6H	2B	2B	2BX	2BX	2B	2B	2BX	6H mod.
									
1XD	1XD	1XD	1.5XD	1.5XD	1.5XD	1XD	1.5XD	1.5XD	1XD
HSS-E	HSS-PM	HSS-PM	HSS-PM	HSS	HSS	HSS-PM	HSS-PM	HSS	HSS-E
C 2-3.5	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3	C 2-3.5
									
TiN	TiN	TiN	TiN	TiN	CrN	TiN	TiN	TiN	TiN

CoroTap™ 100

E446

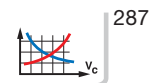
THFT
THCHT
ULDR (xTD)
COATING

M
C
2.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6HX	E446M3	3.00	56.00	18.00	8.90	3	3.50 x 2.70	HSS-E-PM	DIN 371	
				.118	2.204	.708	.350					
M4	0.70	6HX	E446M4	4.00	63.00	21.00	11.70	4	4.50 x 3.40	HSS-E-PM	DIN 371	
				.157	2.480	.826	.461					
M5	0.80	6HX	E446M5	5.00	70.00	25.00	12.60	4	6.00 x 4.90	HSS-E-PM	DIN 371	
				.196	2.755	.984	.496					
M6	1.00	6HX	E446M6	6.00	80.00	30.00	14.50	4	6.00 x 4.90	HSS-E-PM	DIN 371	
				.236	3.149	1.181	.571					
M8	1.25	6HX	E446M8	8.00	90.00	35.00	18.10	4	8.00 x 6.20	HSS-E-PM	DIN 371	
				.314	3.543	1.377	.713					
M10	1.50	6HX	E446M10	10.00	100.00	39.00	20.10	4	10.00 x 8.00	HSS-E-PM	DIN 371	
				.393	3.937	1.535	.791					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E447

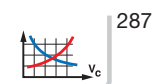
THFT
THCMT
ULDR (xTD)
COATING

M
C
2.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M8	1.25	6HX	E447M8	8.00	90.00	67.00	18.00	4	6.00 x 4.90	HSS-E-PM	DIN 371	
				.314	3.543	2.637	.709					
M10	1.50	6HX	E447M10	10.00	100.00	77.00	20.00	4	7.00 x 5.50	HSS-E-PM	DIN 376	
				.393	3.937	3.031	.787					
M12	1.75	6HX	E447M12	12.00	110.00	83.00	23.00	4	9.00 x 7.00	HSS-E-PM	DIN 376	
				.472	4.330	3.267	.906					
M14	2.00	6HX	E447M14	14.00	110.00	81.00	25.00	4	11.00 x 9.00	HSS-E-PM	DIN 376	
				.551	4.330	3.188	.984					
M16	2.00	6HX	E447M16	16.00	110.00	68.00	25.00	4	12.00 x 9.00	HSS-E-PM	DIN 376	
				.629	4.330	2.677	.984					
M18	2.50	6HX	E447M18	18.00	125.00	81.00	30.00	4	14.00 x 11.00	HSS-E-PM	DIN 376	
				.708	4.921	3.188	1.181					
M20	2.50	6HX	E447M20	20.00	140.00	95.00	30.00	4	16.00 x 12.00	HSS-E-PM	DIN 376	
				.787	5.511	3.740	1.181					
M22	2.50	6HX	E447M22	22.00	140.00	93.00	34.00	4	18.00 x 14.50	HSS-E-PM	DIN 376	
				.866	5.511	3.661	1.339					
M24	3.00	6HX	E447M24	24.00	160.00	113.00	38.00	4	18.00 x 14.50	HSS-E-PM	DIN 376	
				.944	6.299	4.448	1.496					

Para la explicación de los parámetros, véanse las páginas 1 y 7.

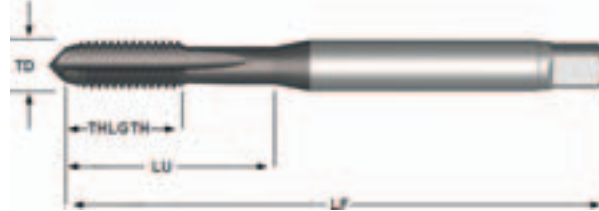


CoroTap™ 100

ES03K

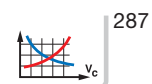
THFT
THCHT
ULDR (xTD)
COATING

M
E
2.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M5	0.80	6HX	ES03KM5	5.00 .196	70.00 2.755	25.00 .984	12.60 .496	4	6.00 x 4.90	HSS-E-PM	DIN 371	
M6	1.00	6HX	ES03KM6	6.00 .236	80.00 3.149	30.00 1.181	14.50 .571	4	6.00 x 4.90	HSS-E-PM	DIN 371	
M8	1.25	6HX	ES03KM8	8.00 .314	90.00 3.543	35.00 1.377	18.10 .713	4	8.00 x 6.20	HSS-E-PM	DIN 371	
M10	1.50	6HX	ES03KM10	10.00 .393	100.00 3.937	39.00 1.535	20.10 .791	4	10.00 x 8.00	HSS-E-PM	DIN 371	
M12	1.75	6HX	ES03KM12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	4	9.00 x 7.00	HSS-E-PM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

T101

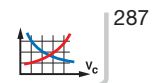
THFT
THCMT
ULDR (xTD)
COATING

M
C
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M5	0.80	6HX	T101M5	5.00 .196	70.00 2.755	47.00 1.850	16.00 .630	4	6.00 x 4.90	HM	DIN 371	
M6	1.00	6HX	T101M6	6.00 .236	80.00 3.149	30.00 1.181	19.00 .748	4	6.00 x 4.90	HM	DIN 371	
M8	1.25	6HX	T101M8	8.00 .314	90.00 3.543	35.00 1.377	22.00 .866	4	8.00 x 6.20	HM	DIN 371	
M10	1.50	6HX	T101M10	10.00 .393	100.00 3.937	39.00 1.535	24.00 .945	4	10.00 x 8.00	HM	DIN 371	
M12	1.75	6HX	T101M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	4	9.00 x 7.00	HM	DIN 376	
M16	2.00	6HX	T101M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	4	12.00 x 9.00	HM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E462

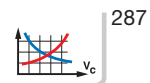
THFT
THCHT
ULDR (xTD)
COATING

M
C
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M6	1.00	6HX	E462M6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	4	6.00 x 4.90	HSS-E-PM	DIN 371	
M8	1.25	6HX	E462M8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	4	8.00 x 6.20	HSS-E-PM	DIN 371	
M10	1.50	6HX	E462M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	4	10.00 x 8.00	HSS-E-PM	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E463

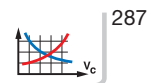
THFT
THCMT
ULDR (xTD)
COATING

M
C
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6HX	E463M12	12.00 .472	110.00 4.330	83.00 3.267	24.00 .945	4	9.00 x 7.00	HSS-E-PM	DIN 376	
M14	2.00	6HX	E463M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	4	11.00 x 9.00	HSS-E-PM	DIN 376	
M16	2.00	6HX	E463M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	4	12.00 x 9.00	HSS-E-PM	DIN 376	
M20	2.50	6HX	E463M20	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	4	16.00 x 12.00	HSS-E-PM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

ES09K

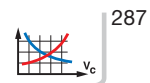
THFT
THCHT
ULDR (xTD)
COATING

M
E
2.5
CoolTop



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M6	1.00	6HX	ES09KM6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	4	6.00 x 4.90	HSS-E-PM	DIN 371
M8	1.25	6HX	ES09KM8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	4	8.00 x 6.20	HSS-E-PM	DIN 371
M10	1.50	6HX	ES09KM10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	4	10.00 x 8.00	HSS-E-PM	DIN 371
M12	1.75	6HX	ES09KM12	12.00 .472	110.00 4.330	83.00 3.267	24.00 .945	4	9.00 x 7.00	HSS-E-PM	DIN 376

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E835

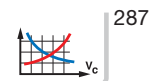
THFT
THCMT
ULDR (xTD)
COATING

M
C
2.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M6	1.00	6HX	E835M6	6.00 .236	80.00 3.149	25.59 1.007	15.00 .591	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
M8	1.25	6HX	E835M8	8.00 .314	90.00 3.543	30.20 1.189	18.00 .709	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
M10	1.50	6HX	E835M10	10.00 .393	100.00 3.937	32.80 1.291	20.00 .787	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
M12	1.75	6HX	E835M12	12.00 .472	110.00 4.330	86.02 3.386	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
M14	2.00	6HX	E835M14	14.00 .551	110.00 4.330	84.82 3.339	23.00 .906	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
M16	2.00	6HX	E835M16	16.00 .629	110.00 4.330	70.86 2.789	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
M18	2.50	6HX	E835M18	18.00 .708	125.00 4.921	84.69 3.334	30.00 1.181	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E825

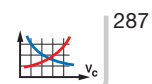
THFT
THCHT
ULDR (xTD)
COATING

M
E
2.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M6	1.00	6HX	E825M6	6.00	80.00	25.59	15.00	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
				.236	3.149	1.007	.591					
M8	1.25	6HX	E825M8	8.00	90.00	30.20	18.00	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
				.314	3.543	1.189	.709					
M10	1.50	6HX	E825M10	10.00	100.00	32.80	20.00	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				.393	3.937	1.291	.787					
M12	1.75	6HX	E825M12	12.00	110.00	86.02	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				.472	4.330	3.386	.906					
M14	2.00	6HX	E825M14	14.00	110.00	84.82	23.00	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
				.551	4.330	3.339	.906					
M16	2.00	6HX	E825M16	16.00	110.00	70.86	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
				.629	4.330	2.789	.906					
M18	2.50	6HX	E825M18	18.00	125.00	84.69	30.00	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI	
				.708	4.921	3.334	1.181					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E837

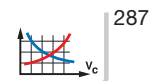
THFT
THCHT
ULDR (xTD)
COATING

M
C
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M6	1.00	6HX	E837M6	6.00 .236	80.00 3.149	25.59 1.007	15.00 .591	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
M8	1.25	6HX	E837M8	8.00 .314	90.00 3.543	30.20 1.189	18.00 .709	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
M10	1.50	6HX	E837M10	10.00 .393	100.00 3.937	32.80 1.291	20.00 .787	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
M12	1.75	6HX	E837M12	12.00 .472	110.00 4.330	86.02 3.386	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
M14	2.00	6HX	E837M14	14.00 .551	110.00 4.330	84.82 3.339	23.00 .906	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
M16	2.00	6HX	E837M16	16.00 .629	110.00 4.330	70.86 2.789	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
M20	2.50	6HX	E837M20	20.00 .787	140.00 5.511	97.58 3.841	30.00 1.181	4	0.652 x 0.489	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E827

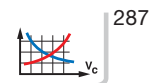
THFT
THCHT
ULDR (xTD)
COATING

M
E
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M6	1.00	6HX	E827M6	6.00	80.00	25.59	15.00	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
				.236	3.149	1.007	.591					
M8	1.25	6HX	E827M8	8.00	90.00	30.20	18.00	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
				.314	3.543	1.189	.709					
M10	1.50	6HX	E827M10	10.00	100.00	32.80	20.00	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				.393	3.937	1.291	.787					
M12	1.75	6HX	E827M12	12.00	110.00	86.02	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				.472	4.330	3.386	.906					
M14	2.00	6HX	E827M14	14.00	110.00	84.82	23.00	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
				.551	4.330	3.339	.906					
M16	2.00	6HX	E827M16	16.00	110.00	70.86	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
				.629	4.330	2.789	.906					
M20	2.50	6HX	E827M20	20.00	140.00	97.58	30.00	4	0.652 x 0.489	HSS-E-PM	DIN/ANSI	
				.787	5.511	3.841	1.181					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E053

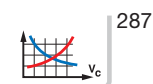
THFT
THCMT
ULDR (xTD)
COATING

M
C
2.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6HX	E053M3	3.00	48.00	12.50	17.00	3	3.15 x 2.50	HSS-E	ISO 529	
				.118	1.889	.492	.669					
M4	0.70	6HX	E053M4	4.00	53.00	14.00	17.00	4	4.00 x 3.15	HSS-E	ISO 529	
				.157	2.086	.551	.669					
M5	0.80	6HX	E053M5	5.00	58.00	22.00	11.20	4	5.00 x 4.00	HSS-E	ISO 529	
				.196	2.283	.866	.441					
M6	1.00	6HX	E053M6	6.00	66.00	26.00	13.20	4	6.30 x 5.00	HSS-E	ISO 529	
				.236	2.598	1.023	.520					
M8	1.25	6HX	E053M8	8.00	72.00	29.00	16.30	4	8.00 x 6.30	HSS-E	ISO 529	
				.314	2.834	1.141	.642					
M10	1.50	6HX	E053M10	10.00	80.00	34.00	18.10	4	10.00 x 8.00	HSS-E	ISO 529	
				.393	3.149	1.338	.713					
M12	1.75	6HX	E053M12	12.00	89.00	62.00	22.50	4	9.00 x 7.10	HSS-E	ISO 529	
				.472	3.503	2.440	.886					
M14	2.00	6HX	E053M14	14.00	95.00	66.00	24.50	4	11.20 x 9.00	HSS-E	ISO 529	
				.551	3.740	2.598	.965					
M16	2.00	6HX	E053M16	16.00	102.00	59.00	24.50	4	12.50 x 10.00	HSS-E	ISO 529	
				.629	4.015	2.322	.965					
M20	2.50	6HX	E053M20	20.00	112.00	68.00	29.50	4	14.00 x 11.20	HSS-E	ISO 529	
				.787	4.409	2.677	1.161					

Para la explicación de los parámetros, véanse las páginas 1 y 7.

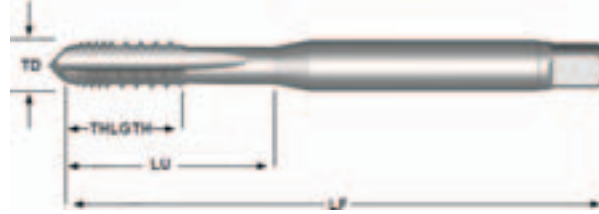


CoroTap™ 100

E352

THFT
THCHT
ULDR (xTD)

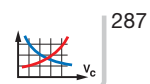
M
C
2.0



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E352M3	3.00 .118	56.00 2.204	18.00 .708	9.00 .354	3	3.50 x 2.70	HSS-E-PM	DIN 371	
M4	0.70	6H	E352M4	4.00 .157	63.00 2.480	21.00 .826	12.00 .472	3	4.50 x 3.40	HSS-E-PM	DIN 371	
M5	0.80	6H	E352M5	5.00 .196	70.00 2.755	25.00 .984	13.00 .512	3	6.00 x 4.90	HSS-E-PM	DIN 371	
M6	1.00	6H	E352M6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	3	6.00 x 4.90	HSS-E-PM	DIN 371	
M8	1.25	6H	E352M8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	3	8.00 x 6.20	HSS-E-PM	DIN 371	
M10	1.50	6H	E352M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	3	10.00 x 8.00	HSS-E-PM	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E353

THFT
THCMT
ULDR (xTD)

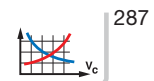
M
C
2.0



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGT	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E353M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-E-PM	DIN 376	
M14	2.00	6H	E353M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	4	11.00 x 9.00	HSS-E-PM	DIN 376	
M16	2.00	6H	E353M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	4	12.00 x 9.00	HSS-E-PM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

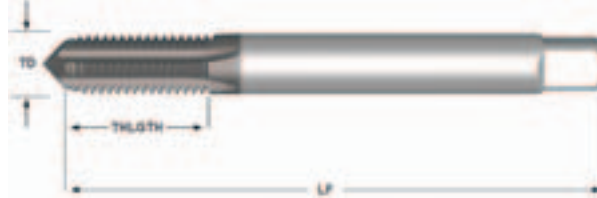


CoroTap™ 100

T110

THFT
THCHT
ULDR (xTD)
COATING

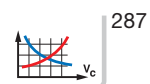
M
C
2.0
CoolTop



H

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6HX	T110M3	3.00 .118	56.00 2.204	35.00 1.377	8.00 .315	4	3.50 x 2.70	HM	DIN 371	
M4	0.70	6HX	T110M4	4.00 .157	63.00 2.480	42.00 1.653	11.00 .433	5	4.50 x 3.40	HM	DIN 371	
M5	0.80	6HX	T110M5	5.00 .196	70.00 2.755	47.00 1.850	13.50 .531	5	6.00 x 4.90	HM	DIN 371	
M6	1.00	6HX	T110M6	6.00 .236	80.00 3.149	57.00 2.244	16.50 .650	5	6.00 x 4.90	HM	DIN 371	
M8	1.25	6HX	T110M8	8.00 .314	90.00 3.543	66.00 2.598	21.50 .846	5	8.00 x 6.20	HM	DIN 371	
M10	1.50	6HX	T110M10	10.00 .393	100.00 3.937	72.00 2.834	27.00 1.063	5	10.00 x 8.00	HM	DIN 371	
M12	1.75	6HX	T110M12	12.00 .472	110.00 4.330	70.00 2.755	32.00 1.260	6	12.00 x 9.00	HM	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

T100

THFT
THCMT
ULDR (xTD)
COATING

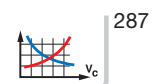
M
C
2.0
CoolTop



H

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	T100M3	3.00	56.00	35.00	10.00	3	3.50 x 2.70	HM	DIN 371	
				.118	2.204	1.377	.394					
M4	0.70	6H	T100M4	4.00	63.00	42.00	13.00	3	4.50 x 3.40	HM	DIN 371	
				.157	2.480	1.653	.512					
M5	0.80	6H	T100M5	5.00	70.00	47.00	16.00	3	6.00 x 4.90	HM	DIN 371	
				.196	2.755	1.850	.630					
M6	1.00	6H	T100M6	6.00	80.00	57.00	20.00	3	6.00 x 4.90	HM	DIN 371	
				.236	3.149	2.244	.787					
M8	1.25	6H	T100M8	8.00	90.00	66.00	25.00	3	8.00 x 6.20	HM	DIN 371	
				.314	3.543	2.598	.984					
M10	1.50	6H	T100M10	10.00	100.00	72.00	30.00	3	10.00 x 8.00	HM	DIN 371	
				.393	3.937	2.834	1.181					
M12	1.75	6H	T100M12	12.00	110.00	70.00	36.00	3	12.00 x 9.00	HM	DIN 371	
				.472	4.330	2.755	1.417					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

ES13K

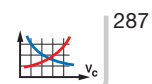
THFT
THCHT
ULDR (xTD)
COATING

MF
C
2.0
CoolTop



			Dimensiones, mm, pulgadas									
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 10x1.0	1.00	6HX	ES13KM10X1.0	10.00	90.00	67.00	20.00	4	7.00 x 5.50	HSS-E-PM	DIN 374	
				.393	3.543	2.637	.787					
MF 10x1.25	1.25	6HX	ES13KM10X1.25	10.00	100.00	77.00	20.00	4	7.00 x 5.50	HSS-E-PM	DIN 374	
				.393	3.937	3.031	.787					
MF 12x1.25	1.25	6HX	ES13KM12X1.25	12.00	100.00	73.00	21.00	4	9.00 x 7.00	HSS-E-PM	DIN 374	
				.472	3.937	2.874	.827					
MF 12x1.5	1.50	6HX	ES13KM12X1.5	12.00	100.00	73.00	21.00	4	9.00 x 7.00	HSS-E-PM	DIN 374	
				.472	3.937	2.874	.827					
MF 14x1.5	1.50	6HX	ES13KM14X1.5	14.00	100.00	71.00	21.00	4	11.00 x 9.00	HSS-E-PM	DIN 374	
				.551	3.937	2.795	.827					
MF 16x1.5	1.50	6HX	ES13KM16X1.5	16.00	100.00	58.00	21.00	4	12.00 x 9.00	HSS-E-PM	DIN 374	
				.629	3.937	2.283	.827					
MF 18x1.5	1.50	6HX	ES13KM18X1.5	18.00	110.00	66.00	24.00	4	14.00 x 11.00	HSS-E-PM	DIN 374	
				.708	4.330	2.598	.945					
MF 20x1.5	1.50	6HX	ES13KM20X1.5	20.00	125.00	80.00	24.00	4	16.00 x 12.00	HSS-E-PM	DIN 374	
				.787	4.921	3.149	.945					

Para la explicación de los parámetros, véanse las páginas 1 y 7.

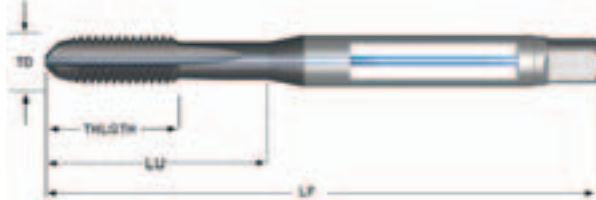


CoroTap™ 100

T120

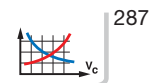
THFT
THCMT
ULDR (xTD)
COATING

MF
C
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 8x1.0	1.00	6HX	T120M8X1.0	8.00	90.00	67.00	12.00	4	6.00 x 4.90	HM	DIN 374	
				.314	3.543	2.637	.472					
MF 10x1.0	1.00	6HX	T120M10X1.0	10.00	90.00	67.00	14.00	4	7.00 x 5.50	HM	DIN 374	
				.393	3.543	2.637	.551					
MF 12x1.5	1.50	6HX	T120M12X1.5	12.00	100.00	73.00	20.00	4	9.00 x 7.00	HM	DIN 374	
				.472	3.937	2.874	.787					
MF 14x1.5	1.50	6HX	T120M14X1.5	14.00	100.00	71.00	21.00	4	11.00 x 9.00	HM	DIN 374	
				.551	3.937	2.795	.827					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E836

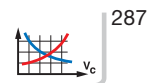
THFT
THCHT
ULDR (xTD)
COATING

MF
C
2.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 10x1.0	1.00	6HX	E836M10X1.0	10.00	100.00	32.80	19.99	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				<i>.393</i>	<i>3.937</i>	<i>1.291</i>	<i>.787</i>					
MF 10x1.25	1.25	6HX	E836M10X1.25	10.00	100.00	32.80	19.99	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				<i>.393</i>	<i>3.937</i>	<i>1.291</i>	<i>.787</i>					
MF 12x1.25	1.25	6HX	E836M12X1.25	12.00	110.00	86.02	23.01	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				<i>.472</i>	<i>4.330</i>	<i>3.386</i>	<i>.906</i>					
MF 12x1.5	1.50	6HX	E836M12X1.5	12.00	110.00	86.02	23.01	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				<i>.472</i>	<i>4.330</i>	<i>3.386</i>	<i>.906</i>					
MF 14x1.5	1.50	6HX	E836M14X1.5	14.00	110.00	84.82	23.01	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
				<i>.551</i>	<i>4.330</i>	<i>3.339</i>	<i>.906</i>					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E838

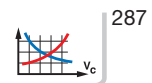
THFT
THCHT
ULDR (xTD)
COATING

MF
C
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 10x1.25	1.25	6HX	E838M10X1.25	10.00	100.00	32.80	19.99	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				.393	3.937	1.291	.787					
MF 12x1.5	1.50	6HX	E838M12X1.5	12.00	110.00	86.02	23.01	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				.472	4.330	3.386	.906					
MF 14x1.5	1.50	6HX	E838M14X1.5	14.00	110.00	84.82	23.01	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
				.551	4.330	3.339	.906					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E054

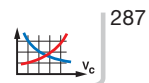
THFT
THCHT
ULDR (xTD)
COATING

MF
C
2.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 8x1.0	1.00	6HX	E054M8X1.0	8.00	72.00	29.00	16.30	4	8.00 x 6.30	HSS-E	ISO 529	
				.314	2.834	1.141	.642					
MF 10x1.0	1.00	6HX	E054M10X1.0	10.00	80.00	34.00	18.10	4	10.00 x 8.00	HSS-E	ISO 529	
				.393	3.149	1.338	.713					
MF 10x1.25	1.25	6HX	E054M10X1.25	10.00	80.00	34.00	18.10	4	10.00 x 8.00	HSS-E	ISO 529	
				.393	3.149	1.338	.713					
MF 12x1.0	1.00	6HX	E054M12X1.0	12.00	89.00	62.00	22.50	4	9.00 x 7.10	HSS-E	ISO 529	
				.472	3.503	2.440	.886					
MF 12x1.25	1.25	6HX	E054M12X1.25	12.00	89.00	62.00	22.50	4	9.00 x 7.10	HSS-E	ISO 529	
				.472	3.503	2.440	.886					
MF 12x1.5	1.50	6HX	E054M12X1.5	12.00	89.00	62.00	22.50	4	9.00 x 7.10	HSS-E	ISO 529	
				.472	3.503	2.440	.886					
MF 14x1.25	1.25	6HX	E054M14X1.25	14.00	95.00	66.00	24.50	4	11.20 x 9.00	HSS-E	ISO 529	
				.551	3.740	2.598	.965					
MF 14x1.5	1.50	6HX	E054M14X1.5	14.00	95.00	66.00	24.50	4	11.20 x 9.00	HSS-E	ISO 529	
				.551	3.740	2.598	.965					
MF 16x1.5	1.50	6HX	E054M16X1.5	16.00	102.00	59.00	24.50	4	12.50 x 10.00	HSS-E	ISO 529	
				.629	4.015	2.322	.965					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E830

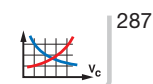
THFT
THCHT
ULDR (xTD)
COATING

UNC
C
2.0
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC 1/4-20	2BX	E8301/4	6.35	80.00	25.59	15.00	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI
			<i>.250</i>	<i>3.149</i>	<i>1.007</i>	<i>.591</i>				
UNC 5/16-18	2BX	E8305/16	7.94	90.00	30.20	18.00	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI
			<i>.312</i>	<i>3.543</i>	<i>1.189</i>	<i>.709</i>				
UNC 3/8-16	2BX	E8303/8	9.52	100.00	32.80	20.00	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI
			<i>.375</i>	<i>3.937</i>	<i>1.291</i>	<i>.787</i>				
UNC 7/16-14	2BX	E8307/16	11.11	100.00	72.60	20.00	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
			<i>.437</i>	<i>3.937</i>	<i>2.858</i>	<i>.787</i>				
UNC 1/2-13	2BX	E8301/2	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
			<i>.500</i>	<i>4.330</i>	<i>3.220</i>	<i>.906</i>				
UNC 5/8-11	2BX	E8305/8	15.88	110.00	65.80	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI
			<i>.625</i>	<i>4.330</i>	<i>2.590</i>	<i>.906</i>				
UNC 3/4-10	2BX	E8303/4	19.05	125.00	77.50	30.00	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI
			<i>.750</i>	<i>4.921</i>	<i>3.051</i>	<i>1.181</i>				
UNC 7/8-9	2BX	E8307/8	22.22	140.00	90.90	34.00	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI
			<i>.875</i>	<i>5.511</i>	<i>3.578</i>	<i>1.339</i>				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E839

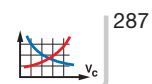
THFT
THCHT
ULDR (xTD)
COATING

UNC
E
2.0
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC 1/4-20	2BX	E8391/4	6.35	80.00	25.59	15.00	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI
			.250	3.149	1.007	.591				
UNC 5/16-18	2BX	E8395/16	7.94	90.00	30.20	18.00	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI
			.312	3.543	1.189	.709				
UNC 3/8-16	2BX	E8393/8	9.52	100.00	32.80	20.00	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI
			.375	3.937	1.291	.787				
UNC 7/16-14	2BX	E8397/16	11.11	100.00	72.60	20.00	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
			.437	3.937	2.858	.787				
UNC 1/2-13	2BX	E8391/2	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
			.500	4.330	3.220	.906				
UNC 5/8-11	2BX	E8395/8	15.88	110.00	65.80	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI
			.625	4.330	2.590	.906				
UNC 3/4-10	2BX	E8393/4	19.05	125.00	77.50	30.00	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI
			.750	4.921	3.051	1.181				
UNC 7/8-9	2BX	E8397/8	22.22	140.00	90.90	34.00	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI
			.875	5.511	3.578	1.339				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E832

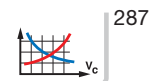
THFT
THCHT
ULDR (xTD)
COATING

UNC
C
2.5
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC 1/4-20	2BX	E8321/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI
UNC 5/16-18	2BX	E8325/16	7.94 .312	90.00 3.543	30.20 1.189	18.00 .709	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI
UNC 3/8-16	2BX	E8323/8	9.52 .375	100.00 3.937	32.80 1.291	20.00 .787	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI
UNC 7/16-14	2BX	E8327/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
UNC 1/2-13	2BX	E8321/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E822

THFT
THCHT
ULDR (xTD)
COATING

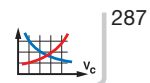
UNC
E
2.5
CoolTop



K

		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC 1/4-20	2BX	E8221/4	6.35	80.00	25.59	15.00	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI
			<i>.250</i>	<i>3.149</i>	<i>1.007</i>	<i>.591</i>				
UNC 5/16-18	2BX	E8225/16	7.94	90.00	30.20	18.00	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI
			<i>.312</i>	<i>3.543</i>	<i>1.189</i>	<i>.709</i>				
UNC 3/8-16	2BX	E8223/8	9.52	100.00	32.80	20.00	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI
			<i>.375</i>	<i>3.937</i>	<i>1.291</i>	<i>.787</i>				
UNC 7/16-14	2BX	E8227/16	11.11	100.00	72.60	20.00	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
			<i>.437</i>	<i>3.937</i>	<i>2.858</i>	<i>.787</i>				
UNC 1/2-13	2BX	E8221/2	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
			<i>.500</i>	<i>4.330</i>	<i>3.220</i>	<i>.906</i>				

Para la explicación de los parámetros, véanse las páginas 1 y 7.

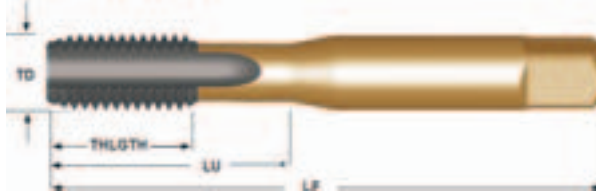


CoroTap™ 100

E059

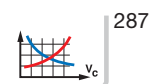
THFT
THCMT
ULDR (xTD)
COATING

UNC
C
2.0
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC 1/4-20	2B	E0591/4	6.35 .250	66.00 2.598	26.00 1.023	13.20 .520	4	6.30 x 5.00	HSS-E	ISO 529
UNC 5/16-18	2B	E0595/16	7.94 .312	72.00 2.834	29.00 1.141	16.30 .642	4	8.00 x 6.30	HSS-E	ISO 529
UNC 3/8-16	2B	E0593/8	9.52 .375	80.00 3.149	32.00 1.259	18.10 .713	4	10.00 x 8.00	HSS-E	ISO 529
UNC 1/2-13	2B	E0591/2	12.70 .500	89.00 3.503	62.00 2.440	22.50 .886	4	9.00 x 7.10	HSS-E	ISO 529
UNC 5/8-11	2B	E0595/8	15.88 .625	102.00 4.015	59.00 2.322	24.50 .965	4	12.50 x 10.00	HSS-E	ISO 529
UNC 3/4-10	2B	E0593/4	19.05 .750	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-E	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E831

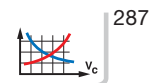
THFT
THCHT
ULDR (xTD)
COATING

UNF
C
2.0
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF 1/4-28	2BX	E8311/4	6.35	80.00	25.59	15.00	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI
			.250	3.149	1.007	.591				
UNF 5/16-24	2BX	E8315/16	7.94	90.00	30.20	18.00	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI
			.312	3.543	1.189	.709				
UNF 3/8-24	2BX	E8313/8	9.52	100.00	32.80	20.00	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI
			.375	3.937	1.291	.787				
UNF 7/16-20	2BX	E8317/16	11.11	100.00	72.60	20.00	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
			.437	3.937	2.858	.787				
UNF 1/2-20	2BX	E8311/2	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
			.500	4.330	3.220	.906				
UNF 5/8-18	2BX	E8315/8	15.88	110.00	65.80	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI
			.625	4.330	2.590	.906				
UNF 3/4-16	2BX	E8313/4	19.05	125.00	77.50	30.00	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI
			.750	4.921	3.051	1.181				
UNF 7/8-14	2BX	E8317/8	22.22	140.00	90.90	34.00	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI
			.875	5.511	3.578	1.339				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E821

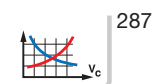
THFT
THCMT
ULDR (xTD)
COATING

UNF
E
2.0
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF 1/4-28	2BX	E8211/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI
UNF 5/16-24	2BX	E8215/16	7.94 .312	90.00 3.543	65.50 2.578	18.00 .709	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI
UNF 3/8-24	2BX	E8213/8	9.52 .375	100.00 3.937	71.90 2.830	20.00 .787	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI
UNF 7/16-20	2BX	E8217/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
UNF 1/2-20	2BX	E8211/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
UNF 5/8-18	2BX	E8215/8	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI
UNF 3/4-16	2BX	E8213/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E833

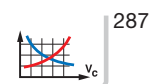
THFT
THCHT
ULDR (xTD)
COATING

UNF
C
2.5
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF 1/4-28	2BX	E8331/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI
UNF 5/16-24	2BX	E8335/16	7.94 .312	90.00 3.543	30.20 1.189	18.00 .709	4	0.318 x 0.238	HSS-E-PM	DIN/ANSI
UNF 3/8-24	2BX	E8333/8	9.52 .375	100.00 3.937	32.80 1.291	20.00 .787	4	0.381 x 0.286	HSS-E-PM	DIN/ANSI
UNF 7/16-20	2BX	E8337/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
UNF 1/2-20	2BX	E8331/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E823

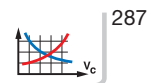
THFT
THCMT
ULDR (xTD)
COATING

UNF
E
2.5
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF 1/4-28	2BX	E8231/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	4	0.255 x 0.191	HSS-E-PM	DIN/ANSI
UNF 7/16-20	2BX	E8237/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
UNF 1/2-20	2BX	E8231/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 100

E416

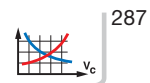
THFT
THCHT
ULDR (xTD)
COATING

G
C
2.0
N



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
G 1/8-28	NORMAL	E4161/8	9.73 .382	90.00 3.543	67.00 2.637	20.00 .787	4	7.00 x 5.50	HSS-E	DIN 5156
G 1/4-19	NORMAL	E4161/4	13.16 .517	100.00 3.937	71.00 2.795	21.00 .827	4	11.00 x 9.00	HSS-E	DIN 5156
G 3/8-19	NORMAL	E4163/8	16.66 .655	100.00 3.937	58.00 2.283	21.00 .827	5	12.00 x 9.00	HSS-E	DIN 5156
G 1/2-14	NORMAL	E4161/2	20.96 .825	125.00 4.921	80.00 3.149	24.00 .945	5	16.00 x 12.00	HSS-E	DIN 5156
G 3/4-14	NORMAL	E4163/4	26.44 1.040	140.00 5.511	77.00 3.031	28.00 1.102	6	20.00 x 16.00	HSS-E	DIN 5156
G 1"-11	NORMAL	E4161	33.25 1.309	160.00 6.299	93.00 3.661	30.00 1.181	6	25.00 x 20.00	HSS-E	DIN 5156

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E324

THFT
THCHT
ULDR (xTD)
COATING

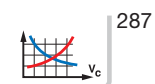
M
B
2.5
CoolTop



30-48 HRC

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E324M3	3.00 .118	63.00 2.480	12.00 .472	12.00 .472	3	4.50 x 3.40	HSS-E-PM	COROMANT-DIN	
M4	0.70	6H	E324M4	4.00 .157	70.00 2.755	13.00 .512	13.00 .512	3	6.00 x 4.90	HSS-E-PM	COROMANT-DIN	
M5	0.80	6H	E324M5	5.00 .196	80.00 3.149	15.00 .591	15.00 .591	3	6.00 x 4.90	HSS-E-PM	COROMANT-DIN	
M6	1.00	6H	E324M6	6.00 .236	90.00 3.543	18.00 .709	18.00 .709	3	8.00 x 6.20	HSS-E-PM	COROMANT-DIN	
M8	1.25	6H	E324M8	8.00 .314	100.00 3.937	20.00 .787	20.00 .787	3	10.00 x 8.00	HSS-E-PM	COROMANT-DIN	
M10	1.50	6H	E324M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	3	10.00 x 8.00	HSS-E-PM	COROMANT-DIN	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 200

E326

THFT
THCHT
ULDR (xTD)
COATING

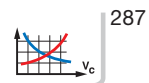
M
B
2.5
CoolTop



30-48 HRC

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E326M12	12.00	110.00	83.00	23.00	4	9.00 x 7.00	HSS-E-PM	DIN 376	
				.472	4.330	3.267	.906					
M14	2.00	6H	E326M14	14.00	110.00	81.00	25.00	4	11.00 x 9.00	HSS-E-PM	DIN 376	
				.551	4.330	3.188	.984					
M16	2.00	6H	E326M16	16.00	110.00	68.00	25.00	4	12.00 x 9.00	HSS-E-PM	DIN 376	
				.629	4.330	2.677	.984					
M18	2.50	6H	E326M18	18.00	125.00	81.00	30.00	4	14.00 x 11.00	HSS-E-PM	DIN 376	
				.708	4.921	3.188	1.181					
M20	2.50	6H	E326M20	20.00	140.00	95.00	30.00	4	16.00 x 12.00	HSS-E-PM	DIN 376	
				.787	5.511	3.740	1.181					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E854

THFT
THCHT
ULDR (xTD)
COATING

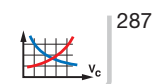
M
B
2.5
CoolTop



30-48 HRC

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E854M3	3.00 .118	63.00 2.480	13.00 .512	13.00 .512	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
M4	0.70	6H	E854M4	4.00 .157	70.00 2.755	15.10 .594	15.10 .594	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
M5	0.80	6H	E854M5	5.00 .196	80.00 3.149	17.00 .669	17.00 .669	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
M6	1.00	6H	E854M6	6.00 .236	90.00 3.543	20.20 .795	20.20 .795	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
M8	1.25	6H	E854M8	8.00 .314	100.00 3.937	20.00 .787	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
M10	1.50	6H	E854M10	10.00 .393	100.00 3.937	37.80 1.488	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
M12	1.75	6H	E854M12	12.00 .472	110.00 4.330	86.02 3.386	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
M14	2.00	6H	E854M14	14.00 .551	110.00 4.330	84.82 3.339	23.00 .906	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
M16	2.00	6H	E854M16	16.00 .629	110.00 4.330	70.86 2.789	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
M18	2.50	6H	E854M18	18.00 .708	125.00 4.921	84.69 3.334	30.00 1.181	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI	
M20	2.50	6H	E854M20	20.00 .787	140.00 5.511	97.58 3.841	30.00 1.181	4	0.652 x 0.489	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



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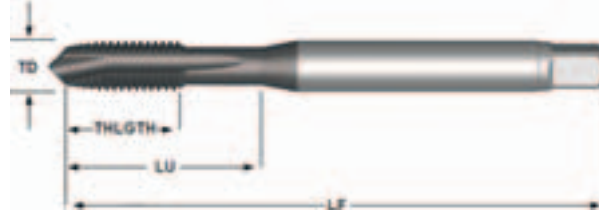
276

CoroTap™ 200

EP03P

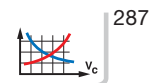
THFT
THCHT
ULDR (xTD)
COATING

M
B
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M1	0.25	5HX	EP03PM1	1.00	40.00	20.00	5.00	2	2.50 x 2.10	HSS-E-PM	DIN 371	
				.039	1.574	.787	.197					
M1.2	0.25	5HX	EP03PM1.2	1.20	40.00	20.00	5.00	2	2.50 x 2.10	HSS-E-PM	DIN 371	
				.047	1.574	.787	.197					
M1.4	0.30	5HX	EP03PM1.4	1.40	40.00	20.00	6.50	2	2.50 x 2.10	HSS-E-PM	DIN 371	
				.055	1.574	.787	.256					
M1.6	0.35	6HX	EP03PM1.6	1.60	40.00	20.00	7.00	2	2.50 x 2.10	HSS-E-PM	DIN 371	
				.062	1.574	.787	.276					
M1.8	0.35	6HX	EP03PM1.8	1.80	40.00	20.00	7.00	2	2.50 x 2.10	HSS-E-PM	DIN 371	
				.070	1.574	.787	.276					
M2	0.40	6HX	EP03PM2	2.00	45.00	9.00	6.00	2	2.80 x 2.10	HSS-E-PM	DIN 371	
				.078	1.771	.354	.236					
M2.2	0.45	6HX	EP03PM2.2	2.20	45.00	12.00	7.00	2	2.80 x 2.10	HSS-E-PM	DIN 371	
				.086	1.771	.472	.276					
M2.3	0.40	6HX	EP03PM2.3	2.30	45.00	12.00	7.00	2	2.80 x 2.10	HSS-E-PM	DIN 371	
				.090	1.771	.472	.276					
M2.5	0.45	6HX	EP03PM2.5	2.50	50.00	12.50	8.00	2	2.80 x 2.10	HSS-E-PM	DIN 371	
				.098	1.968	.492	.315					
M2.6	0.45	6HX	EP03PM2.6	2.60	50.00	12.50	8.00	2	2.80 x 2.10	HSS-E-PM	DIN 371	
				.102	1.968	.492	.315					
M3	0.50	6HX	EP03PM3	3.00	56.00	18.00	8.90	3	3.50 x 2.70	HSS-E-PM	DIN 371	
				.118	2.204	.708	.350					
M3.5	0.60	6HX	EP03PM3.5	3.50	56.00	20.00	10.80	3	4.00 x 3.00	HSS-E-PM	DIN 371	
				.137	2.204	.787	.425					
M4	0.70	6HX	EP03PM4	4.00	63.00	21.00	11.70	3	4.50 x 3.40	HSS-E-PM	DIN 371	
				.157	2.480	.826	.461					
M4	0.70	6HX	EP03PM4DIN376	4.00	63.00	43.00	12.00	3	2.80 x 2.10	HSS-E-PM	DIN 376	
				.157	2.480	1.692	.472					
M5	0.80	6HX	EP03PM5	5.00	70.00	25.00	12.60	3	6.00 x 4.90	HSS-E-PM	DIN 371	
				.196	2.755	.984	.496					
M5	0.80	6HX	EP03PM5DIN376	5.00	70.00	49.00	13.20	3	3.50 x 2.70	HSS-E-PM	DIN 376	
				.196	2.755	1.929	.520					
M6	1.00	6HX	EP03PM6	6.00	80.00	30.00	14.50	3	6.00 x 4.90	HSS-E-PM	DIN 371	
				.236	3.149	1.181	.571					
M6	1.00	6HX	EP03PM6DIN376	6.00	80.00	59.00	15.10	3	4.50 x 3.40	HSS-E-PM	DIN 376	
				.236	3.149	2.322	.594					
M7	1.00	6HX	EP03PM7	7.00	80.00	30.00	14.50	3	7.00 x 5.50	HSS-E-PM	DIN 371	
				.275	3.149	1.181	.571					
M8	1.25	6HX	EP03PM8	8.00	90.00	35.00	17.40	3	8.00 x 6.20	HSS-E-PM	DIN 371	
				.314	3.543	1.377	.685					
M8	1.25	6HX	EP03PM8DIN376	8.00	90.00	67.00	18.00	3	6.00 x 4.90	HSS-E-PM	DIN 376	
				.314	3.543	2.637	.709					

Para la explicación de los parámetros, véanse las páginas 1 y 7



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CoroTap™ 200

EP03P

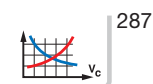
THFT
THCHT
ULDR (xTD)
COATING

M
B
3.0
CoolTop



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M10	1.50	6HX	EP03PM10	10.00	100.00	39.00	19.20	3	10.00 x 8.00	HSS-E-PM	DIN 371
				<i>.393</i>	<i>3.937</i>	<i>1.535</i>	<i>.756</i>				
M10	1.50	6HX	EP03PM10DIN376	10.00	100.00	77.00	19.80	3	7.00 x 5.50	HSS-E-PM	DIN 376
				<i>.393</i>	<i>3.937</i>	<i>3.031</i>	<i>.780</i>				
M12	1.75	6HX	EP03PM12	12.00	110.00	83.00	23.00	4	9.00 x 7.00	HSS-E-PM	DIN 376
				<i>.472</i>	<i>4.330</i>	<i>3.267</i>	<i>.906</i>				
M14	2.00	6HX	EP03PM14	14.00	110.00	81.00	25.00	4	11.00 x 9.00	HSS-E-PM	DIN 376
				<i>.551</i>	<i>4.330</i>	<i>3.188</i>	<i>.984</i>				
M16	2.00	6HX	EP03PM16	16.00	110.00	68.00	25.00	4	12.00 x 9.00	HSS-E-PM	DIN 376
				<i>.629</i>	<i>4.330</i>	<i>2.677</i>	<i>.984</i>				
M18	2.50	6HX	EP03PM18	18.00	125.00	81.00	30.00	4	14.00 x 11.00	HSS-E-PM	DIN 376
				<i>.708</i>	<i>4.921</i>	<i>3.188</i>	<i>1.181</i>				
M20	2.50	6HX	EP03PM20	20.00	140.00	95.00	30.00	4	16.00 x 12.00	HSS-E-PM	DIN 376
				<i>.787</i>	<i>5.511</i>	<i>3.740</i>	<i>1.181</i>				
M22	2.50	6HX	EP03PM22	22.00	140.00	93.00	34.00	4	18.00 x 14.50	HSS-E-PM	DIN 376
				<i>.866</i>	<i>5.511</i>	<i>3.661</i>	<i>1.339</i>				
M24	3.00	6HX	EP03PM24	24.00	160.00	113.00	38.00	4	18.00 x 14.50	HSS-E-PM	DIN 376
				<i>.944</i>	<i>6.299</i>	<i>4.448</i>	<i>1.496</i>				
M27	3.00	6HX	EP03PM27	27.00	160.00	97.00	38.00	4	20.00 x 16.00	HSS-E-PM	DIN 376
				<i>1.062</i>	<i>6.299</i>	<i>3.818</i>	<i>1.496</i>				
M30	3.50	6HX	EP03PM30	30.00	180.00	115.00	45.00	4	22.00 x 18.00	HSS-E-PM	DIN 376
				<i>1.181</i>	<i>7.086</i>	<i>4.527</i>	<i>1.772</i>				

Para la explicación de los parámetros, véanse las páginas 1 y 7



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276

CoroTap™ 200

EP09P

THFT
THCHT
ULDR (xTD)
COATING

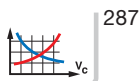
M
B
3
CoolTop



≤350HB

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6HX	EP09PM4	4.00	63.00	21.00	11.70	3	4.50 x 3.40	HSS-E-PM	DIN 371	
				.157	2.480	.826	.461					
M5	0.80	6HX	EP09PM5	5.00	70.00	25.00	12.60	3	6.00 x 4.90	HSS-E-PM	DIN 371	
				.196	2.755	.984	.496					
M6	1.00	6HX	EP09PM6	6.00	80.00	30.00	14.50	3	6.00 x 4.90	HSS-E-PM	DIN 371	
				.236	3.149	1.181	.571					
M7	1.00	6HX	EP09PM7	7.00	80.00	30.00	14.50	3	7.00 x 5.50	HSS-E-PM	DIN 371	
				.275	3.149	1.181	.571					
M8	1.25	6HX	EP09PM8	8.00	90.00	35.00	17.40	3	8.00 x 6.20	HSS-E-PM	DIN 371	
				.314	3.543	1.377	.685					
M10	1.50	6HX	EP09PM10	10.00	100.00	39.00	19.20	3	10.00 x 8.00	HSS-E-PM	DIN 371	
				.393	3.937	1.535	.756					
M12	1.75	6HX	EP09PM12	12.00	110.00	83.00	23.00	4	9.00 x 7.00	HSS-E-PM	DIN 376	
				.472	4.330	3.267	.906					
M14	2.00	6HX	EP09PM14	14.00	110.00	81.00	25.00	4	11.00 x 9.00	HSS-E-PM	DIN 376	
				.551	4.330	3.188	.984					
M16	2.00	6HX	EP09PM16	16.00	110.00	68.00	25.00	4	12.00 x 9.00	HSS-E-PM	DIN 376	
				.629	4.330	2.677	.984					
M18	2.50	6HX	EP09PM18	18.00	125.00	81.00	30.00	4	14.00 x 11.00	HSS-E-PM	DIN 376	
				.708	4.921	3.188	1.181					
M20	2.50	6HX	EP09PM20	20.00	140.00	95.00	30.00	4	16.00 x 12.00	HSS-E-PM	DIN 376	
				.787	5.511	3.740	1.181					
M22	2.50	6HX	EP09PM22	22.00	140.00	93.00	34.00	4	18.00 x 14.50	HSS-E-PM	DIN 376	
				.866	5.511	3.661	1.339					
M24	3.00	6HX	EP09PM24	24.00	160.00	113.00	38.00	4	18.00 x 14.50	HSS-E-PM	DIN 376	
				.944	6.299	4.448	1.496					
M27	3.00	6HX	EP09PM27	27.00	160.00	97.00	38.00	4	20.00 x 16.00	HSS-E-PM	DIN 376	
				1.062	6.299	3.818	1.496					
M30	3.50	6HX	EP09PM30	30.00	180.00	115.00	45.00	4	22.00 x 18.00	HSS-E-PM	DIN 376	
				1.181	7.086	4.527	1.772					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP03PA

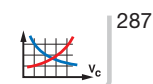
THFT
THCHT
ULDR (xTD)
COATING

M
B
3
CoolTop



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M3	0.50	6HX	EP03PAM3	3.00	56.00	17.74	9.00	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI
				.118	2.204	.698	.354				
M4	0.70	6HX	EP03PAM4	4.00	63.00	16.58	13.00	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI
				.157	2.480	.652	.512				
M5	0.80	6HX	EP03PAM5	5.00	70.00	21.42	14.00	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI
				.196	2.755	.843	.551				
M6	1.00	6HX	EP03PAM6	6.00	80.00	25.59	15.00	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI
				.236	3.149	1.007	.591				
M8	1.25	6HX	EP03PAM8	8.00	90.00	30.20	18.00	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI
				.314	3.543	1.189	.709				
M10	1.50	6HX	EP03PAM10	10.00	100.00	32.80	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI
				.393	3.937	1.291	.787				
M12	1.75	6HX	EP03PAM12	12.00	110.00	36.02	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
				.472	4.330	1.386	.906				
M14	2.00	6HX	EP03PAM14	14.00	110.00	36.02	23.00	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI
				.551	4.330	1.386	.906				
M16	2.00	6HX	EP03PAM16	16.00	110.00	36.02	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI
				.629	4.330	1.386	.906				
M18	2.50	6HX	EP03PAM18	18.00	125.00	38.10	25.00	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI
				.708	4.921	1.496	.984				
M20	2.50	6HX	EP03PAM20	20.00	140.00	42.16	30.00	4	0.652 x 0.489	HSS-E-PM	DIN/ANSI
				.787	5.511	1.656	1.181				
M24	3.00	6HX	EP03PAM24	24.00	160.00	48.26	35.99	4	0.760 x 0.570	HSS-E-PM	DIN/ANSI
				.944	6.299	1.899	1.417				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E049

THFT
THCHT
ULDR (xTD)
COATING

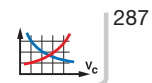
M
B
2.5
CoolTop



≤350HB

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E049M3	3.00 .118	48.00 1.889	12.50 .492	17.00 .669	3	3.15 x 2.50	HSS-PM	ISO 529	
M4	0.70	6H	E049M4	4.00 .157	53.00 2.086	14.00 .551	17.00 .669	3	4.00 x 3.15	HSS-PM	ISO 529	
M5	0.80	6H	E049M5	5.00 .196	58.00 2.283	22.00 .866	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529	
M6	1.00	6H	E049M6	6.00 .236	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529	
M8	1.25	6H	E049M8	8.00 .314	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6H	E049M10	10.00 .393	80.00 3.149	34.00 1.338	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6H	E049M12	12.00 .472	89.00 3.503	62.00 2.440	22.50 .886	3	9.00 x 7.10	HSS-PM	ISO 529	
M16	2.00	6H	E049M16	16.00 .629	102.00 4.015	59.00 2.322	24.50 .965	3	12.50 x 10.00	HSS-PM	ISO 529	
M20	2.50	6H	E049M20	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E344

THFT
THCHT
ULDR (xTD)
COATING

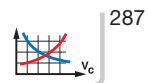
M
B
2.5
ST



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E344M3	3.00 .118	56.00 2.204	18.00 .708	8.90 .350	3	3.50 x 2.70	HSS-E	DIN 371	
M4	0.70	6H	E344M4	4.00 .157	63.00 2.480	21.00 .826	11.70 .461	3	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E344M5	5.00 .196	70.00 2.755	25.00 .984	12.60 .496	3	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E344M6	6.00 .236	80.00 3.149	30.00 1.181	14.50 .571	3	6.00 x 4.90	HSS-E	DIN 371	
M8	1.25	6H	E344M8	8.00 .314	90.00 3.543	35.00 1.377	17.40 .685	3	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E344M10	10.00 .393	100.00 3.937	39.00 1.535	19.20 .756	3	10.00 x 8.00	HSS-E	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E454

THFT
THCHT
ULDR (xTD)
COATING

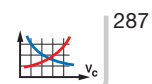
M
B
2.5
CoolTop



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M1	0.25	5HX	E454M1	1.00 .039	40.00 1.574	20.00 .787	5.00 .197	2	2.50 x 2.10	HSS-E	DIN 371	
M1.2	0.25	5HX	E454M1.2	1.20 .047	40.00 1.574	20.00 .787	5.00 .197	2	2.50 x 2.10	HSS-E	DIN 371	
M1.4	0.30	5HX	E454M1.4	1.40 .055	40.00 1.574	20.00 .787	6.50 .256	2	2.50 x 2.10	HSS-E	DIN 371	
M1.6	0.35	6H	E454M1.6	1.60 .062	40.00 1.574	20.00 .787	7.00 .276	2	2.50 x 2.10	HSS-E	DIN 371	
M1.8	0.35	6H	E454M1.8	1.80 .070	40.00 1.574	20.00 .787	7.00 .276	2	2.50 x 2.10	HSS-E	DIN 371	
M2	0.40	6H	E454M2	2.00 .078	45.00 1.771	9.00 .354	6.00 .236	2	2.80 x 2.10	HSS-E	DIN 371	
M2.2	0.45	6H	E454M2.2	2.20 .086	45.00 1.771	12.00 .472	7.00 .276	2	2.80 x 2.10	HSS-E	DIN 371	
M2.3	0.40	6H	E454M2.3	2.30 .090	45.00 1.771	12.00 .472	7.00 .276	2	2.80 x 2.10	HSS-E	DIN 371	
M2.5	0.45	6H	E454M2.5	2.50 .098	50.00 1.968	12.50 .492	8.00 .315	2	2.80 x 2.10	HSS-E	DIN 371	
M2.6	0.45	6H	E454M2.6	2.60 .102	50.00 1.968	12.50 .492	8.00 .315	2	2.80 x 2.10	HSS-E	DIN 371	
M3	0.50	6H	E454M3	3.00 .118	56.00 2.204	18.00 .708	8.90 .350	3	3.50 x 2.70	HSS-E	DIN 371	
M4	0.70	6H	E454M4	4.00 .157	63.00 2.480	21.00 .826	11.70 .461	3	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E454M5	5.00 .196	70.00 2.755	25.00 .984	12.60 .496	3	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E454M6	6.00 .236	80.00 3.149	30.00 1.181	14.50 .571	3	6.00 x 4.90	HSS-E	DIN 371	
M8	1.25	6H	E454M8	8.00 .314	90.00 3.543	35.00 1.377	17.40 .685	3	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E454M10	10.00 .393	100.00 3.937	39.00 1.535	19.20 .756	3	10.00 x 8.00	HSS-E	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E345

THFT
THCHT
ULDR (xTD)
COATING

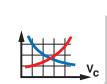
M
B
2.5
ST



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E345M12	12.00	110.00	83.00	23.00	4	9.00 x 7.00	HSS-E	DIN 376	
				.472	4.330	3.267	.906					
M14	2.00	6H	E345M14	14.00	110.00	81.00	25.00	4	11.00 x 9.00	HSS-E	DIN 376	
				.551	4.330	3.188	.984					
M16	2.00	6H	E345M16	16.00	110.00	68.00	25.00	4	12.00 x 9.00	HSS-E	DIN 376	
				.629	4.330	2.677	.984					
M18	2.50	6H	E345M18	18.00	125.00	81.00	30.00	4	14.00 x 11.00	HSS-E	DIN 376	
				.708	4.921	3.188	1.181					
M20	2.50	6H	E345M20	20.00	140.00	95.00	30.00	4	16.00 x 12.00	HSS-E	DIN 376	
				.787	5.511	3.740	1.181					
M22	2.50	6H	E345M22	22.00	140.00	93.00	34.00	4	18.00 x 14.50	HSS-E	DIN 376	
				.866	5.511	3.661	1.339					
M24	3.00	6H	E345M24	24.00	160.00	113.00	38.00	4	18.00 x 14.50	HSS-E	DIN 376	
				.944	6.299	4.448	1.496					
M27	3.00	6H	E345M27	27.00	160.00	97.00	38.00	4	20.00 x 16.00	HSS-E	DIN 376	
				1.062	6.299	3.818	1.496					
M30	3.50	6H	E345M30	30.00	180.00	115.00	45.00	4	22.00 x 18.00	HSS-E	DIN 376	
				1.181	7.086	4.527	1.772					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 200

E455

THFT
THCHT
ULDR (xTD)
COATING

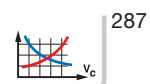
M
B
2.5
CoolTop



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E455M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	4	9.00 x 7.00	HSS-E	DIN 376	
M14	2.00	6H	E455M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	4	11.00 x 9.00	HSS-E	DIN 376	
M16	2.00	6H	E455M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	4	12.00 x 9.00	HSS-E	DIN 376	
M18	2.50	6H	E455M18	18.00 .708	125.00 4.921	81.00 3.188	30.00 1.181	4	14.00 x 11.00	HSS-E	DIN 376	
M20	2.50	6H	E455M20	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	4	16.00 x 12.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E852

THFT
THCHT
ULDR (xTD)
COATING

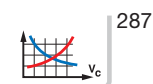
M
B
2.5
SmoothTop



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6H	E852M4	4.00 .157	63.00 2.480	16.58 .652	13.00 .512	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
M5	0.80	6H	E852M5	5.00 .196	70.00 2.755	21.42 .843	14.00 .551	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
M6	1.00	6H	E852M6	6.00 .236	80.00 3.149	25.59 1.007	15.00 .591	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
M8	1.25	6H	E852M8	8.00 .314	90.00 3.543	30.20 1.189	18.00 .709	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
M10	1.50	6H	E852M10	10.00 .393	100.00 3.937	32.80 1.291	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
M12	1.75	6H	E852M12	12.00 .472	110.00 4.330	86.02 3.386	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
M16	2.00	6H	E852M16	16.00 .629	110.00 4.330	70.86 2.789	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
M18	2.50	6H	E852M18	18.00 .708	125.00 4.921	84.69 3.334	30.00 1.181	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E045

THFT
THCHT
ULDR (xTD)
COATING

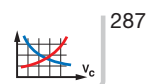
M
B
2.5
ST



M

				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M3	0.50	6H	E045M3	3.00 .118	48.00 1.889	12.50 .492	17.00 .669	3	3.15 x 2.50	HSS-PM	ISO 529
M4	0.70	6H	E045M4	4.00 .157	53.00 2.086	14.00 .551	17.00 .669	3	4.00 x 3.15	HSS-PM	ISO 529
M5	0.80	6H	E045M5	5.00 .196	58.00 2.283	22.00 .866	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529
M6	1.00	6H	E045M6	6.00 .236	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529
M8	1.25	6H	E045M8	8.00 .314	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529
M10	1.50	6H	E045M10	10.00 .393	80.00 3.149	34.00 1.338	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529
M12	1.75	6H	E045M12	12.00 .472	89.00 3.503	62.00 2.440	22.50 .886	4	9.00 x 7.10	HSS-PM	ISO 529
M16	2.00	6H	E045M16	16.00 .629	102.00 4.015	59.00 2.322	24.50 .965	4	12.50 x 10.00	HSS-PM	ISO 529
M20	2.50	6H	E045M20	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E046

THFT
THCHT
ULDR (xTD)
COATING

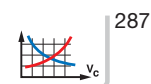
M
B
2.5
SmoothTop



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E046M3	3.00 .118	48.00 1.889	12.50 .492	17.00 .669	3	3.15 x 2.50	HSS-PM	ISO 529	
M4	0.70	6H	E046M4	4.00 .157	53.00 2.086	14.00 .551	17.00 .669	3	4.00 x 3.15	HSS-PM	ISO 529	
M5	0.80	6H	E046M5	5.00 .196	58.00 2.283	22.00 .866	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529	
M6	1.00	6H	E046M6	6.00 .236	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529	
M8	1.25	6H	E046M8	8.00 .314	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6H	E046M10	10.00 .393	80.00 3.149	34.00 1.338	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6H	E046M12	12.00 .472	89.00 3.503	62.00 2.440	22.50 .886	4	9.00 x 7.10	HSS-PM	ISO 529	
M16	2.00	6H	E046M16	16.00 .629	102.00 4.015	59.00 2.322	24.50 .965	4	12.50 x 10.00	HSS-PM	ISO 529	
M20	2.50	6H	E046M20	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

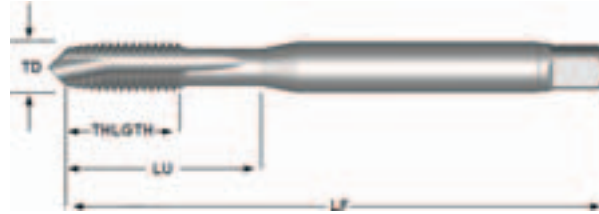


CoroTap™ 200

E358

THFT
THCHT
ULDR (xTD)

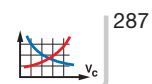
M
B
3.0



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E358M3	3.00 .118	56.00 2.204	16.00 .629	9.00 .354	2	3.50 x 2.70	HSS-E	DIN 371	
M4	0.70	6H	E358M4	4.00 .157	63.00 2.480	19.00 .748	12.00 .472	2	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E358M5	5.00 .196	70.00 2.755	23.00 .905	13.00 .512	2	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E358M6	6.00 .236	80.00 3.149	27.00 1.062	15.00 .591	3	6.00 x 4.90	HSS-E	DIN 371	
M8	1.25	6H	E358M8	8.00 .314	90.00 3.543	28.00 1.102	18.00 .709	3	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E358M10	10.00 .393	100.00 3.937	30.00 1.181	20.00 .787	3	10.00 x 8.00	HSS-E	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E448

THFT
THCMT
ULDR (xTD)
COATING

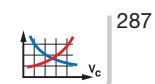
M
B
3.0
SmoothTop



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E448M3	3.00	56.00	16.00	9.00	2	3.50 x 2.70	HSS-E	DIN 371	
				.118	2.204	.629	.354					
M4	0.70	6H	E448M4	4.00	63.00	19.00	12.00	2	4.50 x 3.40	HSS-E	DIN 371	
				.157	2.480	.748	.472					
M5	0.80	6H	E448M5	5.00	70.00	23.00	13.00	2	6.00 x 4.90	HSS-E	DIN 371	
				.196	2.755	.905	.512					
M6	1.00	6H	E448M6	6.00	80.00	27.00	15.00	3	6.00 x 4.90	HSS-E	DIN 371	
				.236	3.149	1.062	.591					
M8	1.25	6H	E448M8	8.00	90.00	28.00	18.00	3	8.00 x 6.20	HSS-E	DIN 371	
				.314	3.543	1.102	.709					
M10	1.50	6H	E448M10	10.00	100.00	30.00	20.00	3	10.00 x 8.00	HSS-E	DIN 371	
				.393	3.937	1.181	.787					

Para la explicación de los parámetros, véanse las páginas 1 y 7.

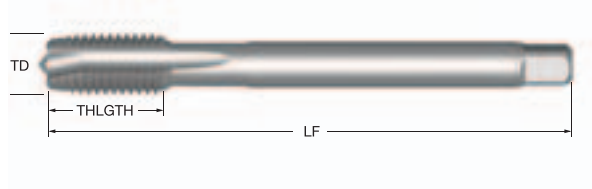


CoroTap™ 200

E359

THFT
THCHT
ULDR (xTD)

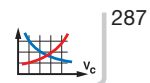
M
B
3.0



N

				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M12	1.75	6H	E359M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-E	DIN 376
M14	2.00	6H	E359M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	4	11.00 x 9.00	HSS-E	DIN 376
M16	2.00	6H	E359M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	4	12.00 x 9.00	HSS-E	DIN 376

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E449

THFT
THCHT
ULDR (xTD)
COATING

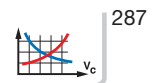
M
B
3.0
SmoothTop



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E449M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-E	DIN 376	
M14	2.00	6H	E449M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	4	11.00 x 9.00	HSS-E	DIN 376	
M16	2.00	6H	E449M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	4	12.00 x 9.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

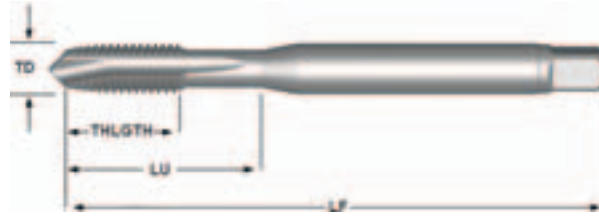


CoroTap™ 200

E856

THFT
THCHT
ULDR (xTD)

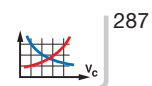
M
B
3.0



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E856M3	3.00 .118	56.00 2.204	15.88 .625	9.00 .354	2	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
M4	0.70	6H	E856M4	4.00 .157	63.00 2.480	16.58 .652	13.00 .512	2	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
M5	0.80	6H	E856M5	5.00 .196	70.00 2.755	21.42 .843	14.00 .551	2	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
M6	1.00	6H	E856M6	6.00 .236	80.00 3.149	25.59 1.007	15.00 .591	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
M8	1.25	6H	E856M8	8.00 .314	90.00 3.543	30.20 1.189	18.00 .709	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
M10	1.50	6H	E856M10	10.00 .393	100.00 3.937	32.80 1.291	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
M12	1.75	6H	E856M12	12.00 .472	110.00 4.330	86.02 3.386	23.01 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

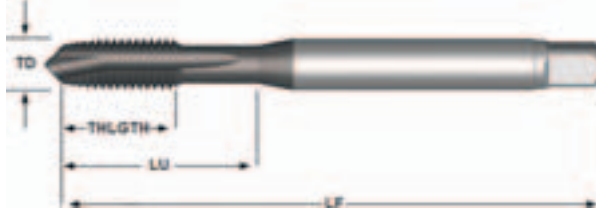


CoroTap™ 200

E855

THFT
THCHT
ULDR (xTD)
COATING

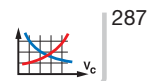
MF
B
2.5
CoolTop



30-48 HRC

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 10x1.25	1.25	6H	E855M10X1.25	10.00	100.00	37.80	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				<i>.393</i>	<i>3.937</i>	<i>1.488</i>	<i>.787</i>					
MF 12x1.25	1.25	6H	E855M12X1.25	12.00	110.00	86.02	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				<i>.472</i>	<i>4.330</i>	<i>3.386</i>	<i>.906</i>					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP13P

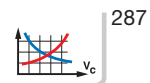
THFT
THCHT
ULDR (xTD)
COATING

MF
B
3.0
CoolTop



			Dimensiones, mm, pulgadas									
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6HX	EP13PM4X.5	4.00	63.00	43.00	12.00	3	2.80 x 2.10	HSS-E-PM	DIN 374	
				.157	2.480	1.692	.472					
MF 5x0.5	0.50	6HX	EP13PM5X.5	5.00	70.00	49.00	13.00	3	3.50 x 2.70	HSS-E-PM	DIN 374	
				.196	2.755	1.929	.512					
MF 6x0.75	0.75	6HX	EP13PM6X.75	6.00	80.00	59.00	15.00	3	4.50 x 3.40	HSS-E-PM	DIN 374	
				.236	3.149	2.322	.591					
MF 8x0.75	0.75	6HX	EP13PM8X.75	8.00	80.00	57.00	15.00	3	6.00 x 4.90	HSS-E-PM	DIN 374	
				.314	3.149	2.244	.591					
MF 8x1.0	1.00	6HX	EP13PM8X1.0	8.00	90.00	67.00	18.00	3	6.00 x 4.90	HSS-E-PM	DIN 374	
				.314	3.543	2.637	.709					
MF 10x0.75	0.75	6HX	EP13PM10X.75	10.00	90.00	67.00	17.60	3	7.00 x 5.50	HSS-E-PM	DIN 374	
				.393	3.543	2.637	.693					
MF 10x1.0	1.00	6HX	EP13PM10X1.0	10.00	90.00	67.00	17.60	3	7.00 x 5.50	HSS-E-PM	DIN 374	
				.393	3.543	2.637	.693					
MF 10x1.25	1.25	6HX	EP13PM10X1.25	10.00	100.00	77.00	19.80	3	7.00 x 5.50	HSS-E-PM	DIN 374	
				.393	3.937	3.031	.780					
MF 12x1.0	1.00	6HX	EP13PM12X1.0	12.00	100.00	73.00	21.00	4	9.00 x 7.00	HSS-E-PM	DIN 374	
				.472	3.937	2.874	.827					
MF 12x1.25	1.25	6HX	EP13PM12X1.25	12.00	100.00	73.00	21.00	4	9.00 x 7.00	HSS-E-PM	DIN 374	
				.472	3.937	2.874	.827					
MF 12x1.5	1.50	6HX	EP13PM12X1.5	12.00	100.00	73.00	21.00	4	9.00 x 7.00	HSS-E-PM	DIN 374	
				.472	3.937	2.874	.827					
MF 14x1.0	1.00	6HX	EP13PM14X1.0	14.00	100.00	71.00	21.00	4	11.00 x 9.00	HSS-E-PM	DIN 374	
				.551	3.937	2.795	.827					
MF 14x1.25	1.25	6HX	EP13PM14X1.25	14.00	100.00	71.00	21.00	4	11.00 x 9.00	HSS-E-PM	DIN 374	
				.551	3.937	2.795	.827					
MF 14x1.5	1.50	6HX	EP13PM14X1.5	14.00	100.00	71.00	21.00	4	11.00 x 9.00	HSS-E-PM	DIN 374	
				.551	3.937	2.795	.827					
MF 16x1.0	1.00	6HX	EP13PM16X1.0	16.00	100.00	58.00	21.00	4	12.00 x 9.00	HSS-E-PM	DIN 374	
				.629	3.937	2.283	.827					
MF 16x1.5	1.50	6HX	EP13PM16X1.5	16.00	100.00	58.00	21.00	4	12.00 x 9.00	HSS-E-PM	DIN 374	
				.629	3.937	2.283	.827					
MF 18x1.0	1.00	6HX	EP13PM18X1.0	18.00	110.00	66.00	24.00	4	14.00 x 11.00	HSS-E-PM	DIN 374	
				.708	4.330	2.598	.945					
MF 18x1.5	1.50	6HX	EP13PM18X1.5	18.00	110.00	66.00	24.00	4	14.00 x 11.00	HSS-E-PM	DIN 374	
				.708	4.330	2.598	.945					
MF 20x1.0	1.00	6HX	EP13PM20X1.0	20.00	125.00	80.00	24.00	4	16.00 x 12.00	HSS-E-PM	DIN 374	
				.787	4.921	3.149	.945					
MF 20x1.5	1.50	6HX	EP13PM20X1.5	20.00	125.00	80.00	24.00	4	16.00 x 12.00	HSS-E-PM	DIN 374	
				.787	4.921	3.149	.945					
MF 22x1.5	1.50	6HX	EP13PM22X1.5	22.00	125.00	78.00	25.00	4	18.00 x 14.50	HSS-E-PM	DIN 374	
				.866	4.921	3.070	.984					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP13P

THFT
THCHT
ULDR (xTD)
COATING

MF
B
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 24x1.5	1.50	6HX	EP13PM24X1.5	24.00	140.00	93.00	28.00	4	18.00 x 14.50	HSS-E-PM	DIN 374	
				.944	5.511	3.661	1.102					
MF 24x2.0	2.00	6HX	EP13PM24X2.0	24.00	140.00	93.00	28.00	4	18.00 x 14.50	HSS-E-PM	DIN 374	
				.944	5.511	3.661	1.102					
MF 25x1.5	1.50	6HX	EP13PM25X1.5	25.00	140.00	93.00	28.00	4	18.00 x 14.50	HSS-E-PM	DIN 374	
				.984	5.511	3.661	1.102					
MF 26x1.5	1.50	6HX	EP13PM26X1.5	26.00	140.00	93.00	28.00	4	18.00 x 14.50	HSS-E-PM	DIN 374	
				1.023	5.511	3.661	1.102					
MF 27x1.5	1.50	6HX	EP13PM27X1.5	27.00	140.00	77.00	28.00	4	20.00 x 16.00	HSS-E-PM	DIN 374	
				1.062	5.511	3.031	1.102					
MF 27x2.0	2.00	6HX	EP13PM27X2.0	27.00	140.00	77.00	28.00	4	20.00 x 16.00	HSS-E-PM	DIN 374	
				1.062	5.511	3.031	1.102					
MF 28x1.5	1.50	6HX	EP13PM28X1.5	28.00	140.00	77.00	28.00	4	20.00 x 16.00	HSS-E-PM	DIN 374	
				1.102	5.511	3.031	1.102					
MF 30x1.5	1.50	6HX	EP13PM30X1.5	30.00	150.00	85.00	28.00	4	22.00 x 18.00	HSS-E-PM	DIN 374	
				1.181	5.905	3.346	1.102					
MF 30x2.0	2.00	6HX	EP13PM30X2.0	30.00	150.00	85.00	28.00	4	22.00 x 18.00	HSS-E-PM	DIN 374	
				1.181	5.905	3.346	1.102					

Para la explicación de los parámetros, véanse las páginas 1 y 7



287



248



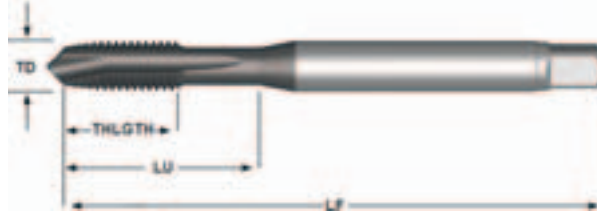
276

CoroTap™ 200

EP13PA

THFT
THCHT
ULDR (xTD)
COATING

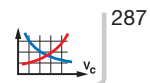
MF
B
3.0
CoolTop



≤350HB

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 8x1.0	1.00	6HX	EP13PAM8X1.0	8.00	90.00	30.20	18.00	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
				<i>.314</i>	<i>3.543</i>	<i>1.189</i>	<i>.709</i>					
MF 10x1.25	1.25	6HX	EP13PAM10X1.25	10.00	100.00	32.80	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				<i>.393</i>	<i>3.937</i>	<i>1.291</i>	<i>.787</i>					
MF 12x1.25	1.25	6HX	EP13PAM12X1.25	12.00	110.00	86.02	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				<i>.472</i>	<i>4.330</i>	<i>3.386</i>	<i>.906</i>					
MF 12x1.5	1.50	6HX	EP13PAM12X1.5	12.00	110.00	86.02	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				<i>.472</i>	<i>4.330</i>	<i>3.386</i>	<i>.906</i>					
MF 14x1.5	1.50	6HX	EP13PAM14X1.5	14.00	110.00	84.82	23.00	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
				<i>.551</i>	<i>4.330</i>	<i>3.339</i>	<i>.906</i>					
MF 16x1.5	1.50	6HX	EP13PAM16X1.5	16.00	110.00	70.86	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
				<i>.629</i>	<i>4.330</i>	<i>2.789</i>	<i>.906</i>					
MF 18x1.5	1.50	6HX	EP13PAM18X1.5	18.00	125.00	84.69	30.00	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI	
				<i>.708</i>	<i>4.921</i>	<i>3.334</i>	<i>1.181</i>					

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

E364

THFT
THCHT
ULDR (xTD)
COATING

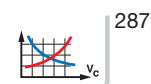
MF
B
2.5
ST



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 6x0.75	0.75	6H	E364M6X.75	6.00 .236	80.00 3.149	59.00 2.322	15.00 .591	3	4.50 x 3.40	HSS-E	DIN 374	
MF 8x1.0	1.00	6H	E364M8X1.0	8.00 .314	90.00 3.543	67.00 2.637	18.00 .709	3	6.00 x 4.90	HSS-E	DIN 374	
MF 10x1.0	1.00	6H	E364M10X1.0	10.00 .393	90.00 3.543	67.00 2.637	20.00 .787	3	7.00 x 5.50	HSS-E	DIN 374	
MF 10x1.25	1.25	6H	E364M10X1.25	10.00 .393	100.00 3.937	77.00 3.031	20.00 .787	3	7.00 x 5.50	HSS-E	DIN 374	
MF 12x1.0	1.00	6H	E364M12X1.0	12.00 .472	100.00 3.937	73.00 2.874	21.00 .827	4	9.00 x 7.00	HSS-E	DIN 374	
MF 12x1.25	1.25	6H	E364M12X1.25	12.00 .472	100.00 3.937	73.00 2.874	21.00 .827	4	9.00 x 7.00	HSS-E	DIN 374	
MF 12x1.5	1.50	6H	E364M12X1.5	12.00 .472	100.00 3.937	73.00 2.874	21.00 .827	4	9.00 x 7.00	HSS-E	DIN 374	
MF 14x1.5	1.50	6H	E364M14X1.5	14.00 .551	100.00 3.937	71.00 2.795	21.00 .827	4	11.00 x 9.00	HSS-E	DIN 374	
MF 16x1.5	1.50	6H	E364M16X1.5	16.00 .629	100.00 3.937	58.00 2.283	21.00 .827	5	12.00 x 9.00	HSS-E	DIN 374	
MF 18x1.5	1.50	6H	E364M18X1.5	18.00 .708	110.00 4.330	66.00 2.598	24.00 .945	5	14.00 x 11.00	HSS-E	DIN 374	
MF 20x1.5	1.50	6H	E364M20X1.5	20.00 .787	125.00 4.921	80.00 3.149	24.00 .945	5	16.00 x 12.00	HSS-E	DIN 374	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E874

THFT
THCHT
ULDR (xTD)
COATING

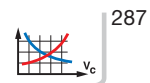
UNC
B
2.5
CoolTop



30-48 HRC

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	2B	E8744-40	2.84	56.00	11.90	11.90	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
			.112	2.204	.469	.469					
UNC # 5-40	2B	E8745-40	3.18	56.00	11.00	11.00	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
			.125	2.204	.433	.433					
UNC # 6-32	2B	E8746-32	3.51	63.00	13.90	13.90	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
			.137	2.480	.547	.547					
UNC # 8-32	2B	E8748-32	4.17	70.00	15.10	15.10	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
			.164	2.755	.594	.594					
UNC # 10-24	2B	E87410-24	4.83	80.00	17.00	17.00	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
			.190	3.149	.669	.669					
UNC 1/4-20	2B	E8741/4	6.35	90.00	20.20	20.20	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
			.250	3.543	.795	.795					
UNC 5/16-18	2B	E8745/16	7.94	100.00	20.00	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
			.312	3.937	.787	.787					
UNC 3/8-16	2B	E8743/8	9.52	100.00	29.16	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
			.375	3.937	1.148	.787					
UNC 7/16-14	2B	E8747/16	11.11	100.00	72.60	20.00	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI	
			.437	3.937	2.858	.787					
UNC 1/2-13	2B	E8741/2	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
			.500	4.330	3.220	.906					
UNC 5/8-11	2B	E8745/8	15.88	110.00	65.80	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
			.625	4.330	2.590	.906					
UNC 3/4-10	2B	E8743/4	19.05	125.00	77.50	30.00	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
			.750	4.921	3.051	1.181					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP23PA

THFT
THCHT
ULDR (xTD)
COATING

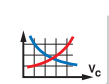
UNC
B
3.0
CoolTop



≤350HB

				Dimensiones, mm, pulgadas								
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 2-56	H1	2B	EP23PA2-56	2.18	45.00	11.99	7.01	2	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
				.085	1.771	.472	.276					
UNC # 4-40	H2	2B	EP23PA4-40	2.84	56.00	16.97	9.00	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
				.112	2.204	.668	.354					
UNC # 5-40	H2	2B	EP23PA5-40	3.18	56.00	17.74	9.00	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
				.125	2.204	.698	.354					
UNC # 6-32	H3	2B	EP23PA6-32	3.51	56.00	20.20	11.00	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
				.137	2.204	.795	.433					
UNC # 8-32	H3	2B	EP23PA8-32	4.17	63.00	21.18	13.00	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
				.164	2.480	.833	.512					
UNC # 8-32	H5	2BX	EP23PA8-32H5	4.17	63.00	21.18	13.00	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
				.164	2.480	.833	.512					
UNC # 10-24	H3	2B	EP23PA10-24	4.83	70.00	27.54	14.00	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
				.190	2.755	1.084	.551					
UNC 1/4-20	H3	3B	EP23PA1/4	6.35	80.00	24.59	15.00	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
				.250	3.149	.968	.591					
UNC 1/4-20	H5	2B	EP23PA1/4H5	6.35	80.00	24.59	15.00	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
				.250	3.149	.968	.591					
UNC 5/16-18	H3	3B	EP23PA5/16	7.94	90.00	33.17	18.00	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
				.312	3.543	1.305	.709					
UNC 5/16-18	H5	2B	EP23PA5/16H5	7.94	90.00	33.17	18.00	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
				.312	3.543	1.305	.709					
UNC 3/8-16	H3	3B	EP23PA3/8	9.52	100.00	37.77	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				.375	3.937	1.487	.787					
UNC 3/8-16	H5	2B	EP23PA3/8H5	9.52	100.00	37.77	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				.375	3.937	1.487	.787					
UNC 7/16-14	H3	3B	EP23PA7/16	11.11	100.00	72.60	20.00	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI	
				.437	3.937	2.858	.787					
UNC 1/2-13	H3	3B	EP23PA1/2	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				.500	4.330	3.220	.906					
UNC 1/2-13	H5	2B	EP23PA1/2H5	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				.500	4.330	3.220	.906					
UNC 5/8-11	H3	3B	EP23PA5/8	15.88	110.00	65.80	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
				.625	4.330	2.590	.906					

Para la explicación de los parámetros, véanse las páginas 1 y 7



289



248



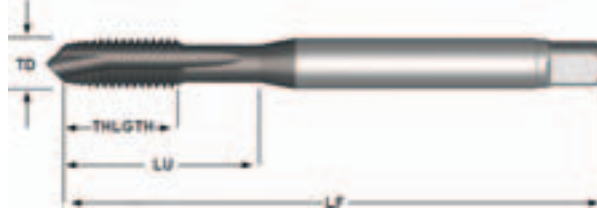
276

CoroTap™ 200

EP23PA

THFT
THCHT
ULDR (xTD)
COATING

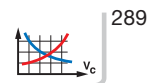
UNC
B
3.0
CoolTop



≤350HB

				Dimensiones, mm, pulgadas								
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC 5/8-11	H5	2B	EP23PA5/8H5	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
UNC 3/4-10	H3	3B	EP23PA3/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
UNC 3/4-10	H5	2B	EP23PA3/4H5	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
UNC 7/8-9	H4	3B	EP23PA7/8	22.22 .875	140.00 5.511	92.50 3.641	34.00 1.339	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI	
UNC 1"-8	H4	3B	EP23PA1	25.40 1.000	160.00 6.299	95.40 3.755	35.99 1.417	4	0.800 x 0.600	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7



289



248



276

CoroTap™ 200

EP29PA

THFT
THCHT
ULDR (xTD)
COATING

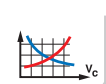
UNC
B
3.0
CoolTop



≤350HB

		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC 1/4-20	2BX	EP29PA1/4	6.35 .250	80.00 3.149	24.59 .968	15.00 .591	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI
UNC 5/16-18	2BX	EP29PA5/16	7.94 .312	90.00 3.543	33.17 1.305	18.00 .709	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI
UNC 3/8-16	2BX	EP29PA3/8	9.52 .375	100.00 3.937	37.77 1.487	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI
UNC 7/16-14	2BX	EP29PA7/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
UNC 1/2-13	2BX	EP29PA1/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
UNC 5/8-11	2BX	EP29PA5/8	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI
UNC 3/4-10	2BX	EP29PA3/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI
UNC 7/8-9	2BX	EP29PA7/8	22.22 .875	140.00 5.511	90.90 3.578	34.00 1.339	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI
UNC 1"-8	2BX	EP29PA1	25.40 1.000	160.00 6.299	95.40 3.755	35.99 1.417	4	0.800 x 0.600	HSS-E-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 200

E057

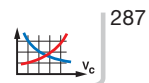
THFT
THCHT
ULDR (xTD)
COATING

UNC
B
2.5
CoolTop



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 6-32	2B	E0576-32	3.51	50.00	14.00	16.50	3	3.55 x 2.80	HSS-PM	ISO 529
			<i>.137</i>	<i>1.968</i>	<i>.551</i>	<i>.650</i>				
UNC # 8-32	2B	E0578-32	4.17	53.00	17.00	9.50	3	4.50 x 3.55	HSS-PM	ISO 529
			<i>.164</i>	<i>2.086</i>	<i>.669</i>	<i>.374</i>				
UNC # 10-24	2B	E05710-24	4.83	58.00	20.00	11.20	3	5.00 x 4.00	HSS-PM	ISO 529
			<i>.190</i>	<i>2.283</i>	<i>.787</i>	<i>.441</i>				
UNC 1/4-20	2B	E0571/4	6.35	66.00	26.00	13.20	3	6.30 x 5.00	HSS-PM	ISO 529
			<i>.250</i>	<i>2.598</i>	<i>1.023</i>	<i>.520</i>				
UNC 5/16-18	2B	E0575/16	7.94	72.00	29.00	16.30	3	8.00 x 6.30	HSS-PM	ISO 529
			<i>.312</i>	<i>2.834</i>	<i>1.141</i>	<i>.642</i>				
UNC 3/8-16	2B	E0573/8	9.52	80.00	32.00	18.10	3	10.00 x 8.00	HSS-PM	ISO 529
			<i>.375</i>	<i>3.149</i>	<i>1.259</i>	<i>.713</i>				
UNC 1/2-13	2B	E0571/2	12.70	89.00	62.00	22.50	3	9.00 x 7.10	HSS-PM	ISO 529
			<i>.500</i>	<i>3.503</i>	<i>2.440</i>	<i>.886</i>				
UNC 5/8-11	2B	E0575/8	15.88	102.00	59.00	24.50	3	12.50 x 10.00	HSS-PM	ISO 529
			<i>.625</i>	<i>4.015</i>	<i>2.322</i>	<i>.965</i>				
UNC 3/4-10	2B	E0573/4	19.05	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529
			<i>.750</i>	<i>4.409</i>	<i>2.677</i>	<i>1.161</i>				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E872

THFT
THCHT
ULDR (xTD)
COATING

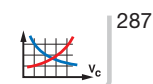
UNC
B
2.5
SmoothTop



M

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	2B	E8724-40	2.84 .112	56.00 2.204	15.47 .609	9.00 .354	3	0.141 x 0.110	HSS-PM	DIN/ANSI	
UNC # 6-32	2B	E8726-32	3.51 .137	56.00 2.204	15.08 .593	11.00 .433	3	0.141 x 0.110	HSS-PM	DIN/ANSI	
UNC # 8-32	2B	E8728-32	4.17 .164	63.00 2.480	16.58 .652	13.00 .512	3	0.168 x 0.131	HSS-PM	DIN/ANSI	
UNC # 10-24	2B	E87210-24	4.83 .190	70.00 2.755	21.42 .843	14.00 .551	3	0.194 x 0.152	HSS-PM	DIN/ANSI	
UNC 1/4-20	2B	E8721/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	3	0.255 x 0.191	HSS-PM	DIN/ANSI	
UNC 5/16-18	2B	E8725/16	7.94 .312	90.00 3.543	30.20 1.189	18.00 .709	3	0.318 x 0.238	HSS-PM	DIN/ANSI	
UNC 3/8-16	2B	E8723/8	9.52 .375	100.00 3.937	32.80 1.291	20.00 .787	3	0.381 x 0.286	HSS-PM	DIN/ANSI	
UNC 7/16-14	2B	E8727/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-PM	DIN/ANSI	
UNC 1/2-13	2B	E8721/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-PM	DIN/ANSI	
UNC 5/8-11	2B	E8725/8	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	4	0.480 x 0.360	HSS-PM	DIN/ANSI	
UNC 3/4-10	2B	E8723/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-PM	DIN/ANSI	
UNC 7/8-9	2B	E8727/8	22.22 .875	140.00 5.511	90.90 3.578	34.00 1.339	4	0.697 x 0.523	HSS-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E055

THFT
THCHT
ULDR (xTD)
COATING

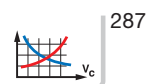
UNC
B
2.5
ST



M

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	2B	E0554-40	2.84	48.00	12.50	14.50	3	3.15 x 2.50	HSS-PM	ISO 529	
			.112	1.889	.492	.571					
UNC # 6-32	2B	E0556-32	3.51	50.00	14.00	16.50	3	3.55 x 2.80	HSS-PM	ISO 529	
			.137	1.968	.551	.650					
UNC # 8-32	2B	E0558-32	4.17	53.00	17.00	9.50	3	4.50 x 3.55	HSS-PM	ISO 529	
			.164	2.086	.669	.374					
UNC # 10-24	2B	E05510-24	4.83	58.00	20.00	11.20	3	5.00 x 4.00	HSS-PM	ISO 529	
			.190	2.283	.787	.441					
UNC 1/4-20	2B	E0551/4	6.35	66.00	26.00	13.20	3	6.30 x 5.00	HSS-PM	ISO 529	
			.250	2.598	1.023	.520					
UNC 5/16-18	2B	E0555/16	7.94	72.00	29.00	16.30	3	8.00 x 6.30	HSS-PM	ISO 529	
			.312	2.834	1.141	.642					
UNC 3/8-16	2B	E0553/8	9.52	80.00	32.00	18.10	3	10.00 x 8.00	HSS-PM	ISO 529	
			.375	3.149	1.259	.713					
UNC 1/2-13	2B	E0551/2	12.70	89.00	62.00	22.50	4	9.00 x 7.10	HSS-PM	ISO 529	
			.500	3.503	2.440	.886					
UNC 5/8-11	2B	E0555/8	15.88	102.00	59.00	24.50	4	12.50 x 10.00	HSS-PM	ISO 529	
			.625	4.015	2.322	.965					
UNC 3/4-10	2B	E0553/4	19.05	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529	
			.750	4.409	2.677	1.161					

Para la explicación de los parámetros, véanse las páginas 1 y 7.

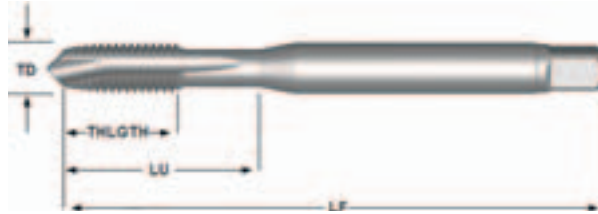


CoroTap™ 200

E876

THFT
THCHT
ULDR (xTD)

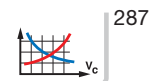
UNC
B
3.0



N

		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 4-40	2B	E8764-40	2.84 .112	56.00 2.204	15.47 .609	9.00 .354	2	0.141 x 0.110	HSS-E-PM	DIN/ANSI
UNC # 6-32	2B	E8766-32	3.51 .137	56.00 2.204	15.08 .593	11.00 .433	2	0.141 x 0.110	HSS-E-PM	DIN/ANSI
UNC # 8-32	2B	E8768-32	4.17 .164	63.00 2.480	16.58 .652	13.00 .512	2	0.168 x 0.131	HSS-E-PM	DIN/ANSI
UNC # 10-24	2B	E87610-24	4.83 .190	70.00 2.755	21.42 .843	14.00 .551	2	0.194 x 0.152	HSS-E-PM	DIN/ANSI
UNC 1/4-20	2B	E8761/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI
UNC 5/16-18	2B	E8765/16	7.94 .312	90.00 3.543	30.20 1.189	18.00 .709	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI
UNC 3/8-16	2B	E8763/8	9.52 .375	100.00 3.937	32.80 1.291	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI
UNC 7/16-14	2B	E8767/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	3	0.323 x 0.242	HSS-E-PM	DIN/ANSI
UNC 1/2-13	2B	E8761/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.

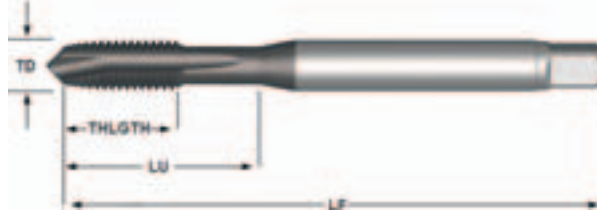


CoroTap™ 200

E875

THFT
THCHT
ULDR (xTD)
COATING

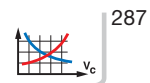
UNF
B
2.5
CoolTop



30-48 HRC

		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF # 10-32	2B	E87510-32	4.83	80.00	17.00	17.00	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI
			.190	3.149	.669	.669				
UNF 1/4-28	2B	E8751/4	6.35	90.00	20.20	20.20	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI
			.250	3.543	.795	.795				
UNF 5/16-24	2B	E8755/16	7.94	100.00	20.00	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI
			.312	3.937	.787	.787				
UNF 3/8-24	2B	E8753/8	9.52	100.00	32.80	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI
			.375	3.937	1.291	.787				
UNF 7/16-20	2B	E8757/16	11.11	100.00	72.60	20.00	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI
			.437	3.937	2.858	.787				
UNF 1/2-20	2B	E8751/2	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
			.500	4.330	3.220	.906				
UNF 5/8-18	2B	E8755/8	15.88	110.00	65.80	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI
			.625	4.330	2.590	.906				
UNF 3/4-16	2B	E8753/4	19.05	125.00	77.50	30.00	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI
			.750	4.921	3.051	1.181				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP33PA

THFT
THCHT
ULDR (xTD)
COATING

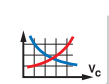
UNF
B
3.0
CoolTop



≤350HB

			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 8-36	H2	2BX	EP33PA8-36	4.17	63.00	21.18	13.00	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
				.164	2.480	.833	.512					
UNF # 10-32	H3	2BX	EP33PA10-32	4.83	70.00	27.54	14.00	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
				.190	2.755	1.084	.551					
UNF 1/4-28	H3	3BX	EP33PA1/4	6.35	80.00	24.59	15.00	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
				.250	3.149	.968	.591					
UNF 1/4-28	H4	2BX	EP33PA1/4H4	6.35	80.00	24.59	15.00	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
				.250	3.149	.968	.591					
UNF 5/16-24	H3	3BX	EP33PA5/16	7.94	90.00	33.17	18.00	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
				.312	3.543	1.305	.709					
UNF 5/16-24	H4	2BX	EP33PA5/16H4	7.94	90.00	33.17	18.00	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
				.312	3.543	1.305	.709					
UNF 3/8-24	H3	3BX	EP33PA3/8	9.52	100.00	37.77	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				.375	3.937	1.487	.787					
UNF 3/8-24	H4	2BX	EP33PA3/8H4	9.52	100.00	37.77	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				.375	3.937	1.487	.787					
UNF 7/16-20	H3	3BX	EP33PA7/16	11.11	100.00	72.60	20.00	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI	
				.437	3.937	2.858	.787					
UNF 1/2-20	H3	3BX	EP33PA1/2	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				.500	4.330	3.220	.906					
UNF 1/2-20	H5	2BX	EP33PA1/2H5	12.70	110.00	81.80	23.00	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				.500	4.330	3.220	.906					
UNF 5/8-18	H3	3BX	EP33PA5/8	15.88	110.00	65.80	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
				.625	4.330	2.590	.906					
UNF 5/8-18	H5	2BX	EP33PA5/8H5	15.88	110.00	65.80	23.00	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
				.625	4.330	2.590	.906					
UNF 3/4-16	H3	3BX	EP33PA3/4	19.05	125.00	77.50	30.00	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
				.750	4.921	3.051	1.181					
UNF 3/4-16	H5	2BX	EP33PA3/4H5	19.05	125.00	77.50	30.00	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
				.750	4.921	3.051	1.181					
UNF 7/8-14	H4	3BX	EP33PA7/8	22.22	140.00	90.90	34.00	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI	
				.875	5.511	3.578	1.339					
UNF 1"-12	H4	3BX	EP33PA1-12	25.40	160.00	95.40	35.99	4	0.800 x 0.600	HSS-E-PM	DIN/ANSI	
				1.000	6.299	3.755	1.417					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 200

EP39PA

THFT
THCHT
ULDR (xTD)
COATING

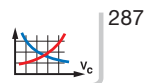
UNF
B
3.0
CoolTop



≤350HB

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 10-32	2BX	EP39PA10-32	4.83 .190	70.00 2.755	27.54 1.084	14.00 .551	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
UNF 1/4-28	2BX	EP39PA1/4	6.35 .250	80.00 3.149	24.59 .968	15.00 .591	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNF 5/16-24	2BX	EP39PA5/16	7.94 .312	90.00 3.543	33.17 1.305	18.00 .709	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNF 3/8-24	2BX	EP39PA3/8	9.52 .375	100.00 3.937	37.77 1.487	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNF 1/2-20	2BX	EP39PA1/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNF 5/8-18	2BX	EP39PA5/8	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E873

THFT
THCHT
ULDR (xTD)
COATING

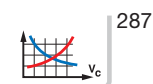
UNF
B
2.5
SmoothTop



M

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 10-32	2B	E87310-32	4.83 .190	70.00 2.755	21.42 .843	14.00 .551	3	0.194 x 0.152	HSS-PM	DIN/ANSI	
UNF 1/4-28	2B	E8731/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	3	0.255 x 0.191	HSS-PM	DIN/ANSI	
UNF 5/16-24	2B	E8735/16	7.94 .312	90.00 3.543	30.20 1.189	18.00 .709	3	0.318 x 0.238	HSS-PM	DIN/ANSI	
UNF 3/8-24	2B	E8733/8	9.52 .375	100.00 3.937	32.80 1.291	20.00 .787	3	0.381 x 0.286	HSS-PM	DIN/ANSI	
UNF 7/16-20	2B	E8737/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-PM	DIN/ANSI	
UNF 1/2-20	2B	E8731/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-PM	DIN/ANSI	
UNF 5/8-18	2B	E8735/8	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	4	0.480 x 0.360	HSS-PM	DIN/ANSI	
UNF 3/4-16	2B	E8733/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-PM	DIN/ANSI	
UNF 7/8-14	2B	E8737/8	22.22 .875	140.00 5.511	90.90 3.578	34.00 1.339	4	0.697 x 0.523	HSS-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E060

THFT
THCHT
ULDR (xTD)
COATING

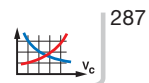
UNF
B
2.5
ST



M

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 10-32	2B	E06010-32	4.83 .190	58.00 2.283	20.00 .787	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529	
UNF 1/4-28	2B	E0601/4	6.35 .250	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529	
UNF 5/16-24	2B	E0605/16	7.94 .312	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529	
UNF 3/8-24	2B	E0603/8	9.52 .375	80.00 3.149	32.00 1.259	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

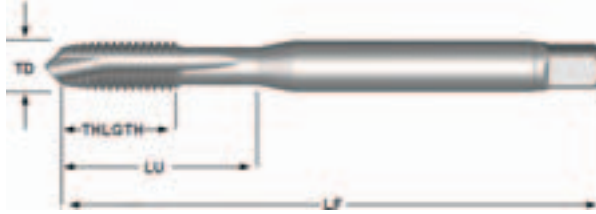


CoroTap™ 200

E877

THFT
THCMT
ULDR (xTD)

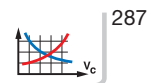
UNF
B
3.0



N

		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF # 10-32	2B	E87710-32	4.83 .190	70.00 2.755	21.42 .843	14.00 .551	2	0.194 x 0.152	HSS-E-PM	DIN/ANSI
UNF 1/4-28	2B	E8771/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI
UNF 5/16-24	2B	E8775/16	7.94 .312	90.00 3.543	30.20 1.189	18.00 .709	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI
UNF 3/8-24	2B	E8773/8	9.52 .375	100.00 3.937	32.80 1.291	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E314

FHA
THFT
THCHT
ULDR (xTD)
COATING

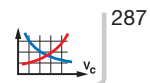
15
M
C
1.5
CoolTop



30-48 HRC

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E314M3	3.00 .118	63.00 2.480	12.00 .472	12.00 .472	3	4.50 x 3.40	HSS-E-PM	COROMANT-DIN	
M4	0.70	6H	E314M4	4.00 .157	70.00 2.755	13.00 .512	13.00 .512	3	6.00 x 4.90	HSS-E-PM	COROMANT-DIN	
M5	0.80	6H	E314M5	5.00 .196	80.00 3.149	15.00 .591	15.00 .591	3	6.00 x 4.90	HSS-E-PM	COROMANT-DIN	
M6	1.00	6H	E314M6	6.00 .236	90.00 3.543	18.00 .709	18.00 .709	3	8.00 x 6.20	HSS-E-PM	COROMANT-DIN	
M8	1.25	6H	E314M8	8.00 .314	100.00 3.937	20.00 .787	20.00 .787	3	10.00 x 8.00	HSS-E-PM	COROMANT-DIN	
M10	1.50	6H	E314M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	3	10.00 x 8.00	HSS-E-PM	COROMANT-DIN	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E316

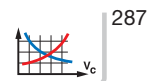
FHA 15
 THFT M
 THCHT C
 ULDR (xTD) 1.5
 COATING CoolTop



P
 30-48 HRC

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E316M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	4	9.00 x 7.00	HSS-E-PM	DIN 376	
M14	2.00	6H	E316M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	4	11.00 x 9.00	HSS-E-PM	DIN 376	
M16	2.00	6H	E316M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	4	12.00 x 9.00	HSS-E-PM	DIN 376	
M18	2.50	6H	E316M18	18.00 .708	125.00 4.921	81.00 3.188	30.00 1.181	4	14.00 x 11.00	HSS-E-PM	DIN 376	
M20	2.50	6H	E316M20	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	4	16.00 x 12.00	HSS-E-PM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

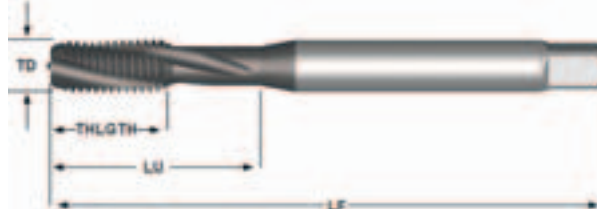


CoroTap™ 300

E864

FHA
THFT
THCHT
ULDR (xTD)
COATING

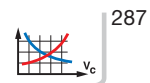
15
M
C
1.5
CoolTop



30-48 HRC

				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M3	0.50	6H	E864M3	3.00 .118	63.00 2.480	13.00 .512	13.00 .512	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI
M4	0.70	6H	E864M4	4.00 .157	70.00 2.755	15.10 .594	15.10 .594	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI
M5	0.80	6H	E864M5	5.00 .196	80.00 3.149	17.00 .669	17.00 .669	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI
M6	1.00	6H	E864M6	6.00 .236	90.00 3.543	20.20 .795	20.20 .795	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI
M8	1.25	6H	E864M8	8.00 .314	100.00 3.937	20.00 .787	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI
M10	1.50	6H	E864M10	10.00 .393	100.00 3.937	37.80 1.488	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI
M12	1.75	6H	E864M12	12.00 .472	110.00 4.330	86.02 3.386	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI
M14	2.00	6H	E864M14	14.00 .551	110.00 4.330	84.82 3.339	23.00 .906	4	0.429 x 0.322	HSS-E-PM	DIN/ANSI
M16	2.00	6H	E864M16	16.00 .629	110.00 4.330	70.86 2.789	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI
M18	2.50	6H	E864M18	18.00 .708	125.00 4.921	84.69 3.334	30.00 1.181	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI
M20	2.50	6H	E864M20	20.00 .787	140.00 5.511	97.58 3.841	30.00 1.181	4	0.652 x 0.489	HSS-E-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

EX03P

FHA
THFT
THCHT
ULDR (xTD)
COATING

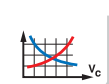
48
M
C
3.0
CoolTop



≤350HB

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M1.6	0.35	6HX	EX03PM1.6	1.60 .062	40.00 1.574	20.00 .787	6.00 .236	2	2.50 x 2.10	HSS-E-PM	DIN 371	
M2	0.40	6HX	EX03PM2	2.00 .078	45.00 1.771	9.00 .354	4.00 .157	3	2.80 x 2.10	HSS-E-PM	DIN 371	
M2.2	0.45	6HX	EX03PM2.2	2.20 .086	45.00 1.771	12.00 .472	4.00 .157	3	2.80 x 2.10	HSS-E-PM	DIN 371	
M2.3	0.40	6HX	EX03PM2.3	2.30 .090	45.00 1.771	12.00 .472	4.00 .157	3	2.80 x 2.10	HSS-E-PM	DIN 371	
M2.5	0.45	6HX	EX03PM2.5	2.50 .098	50.00 1.968	12.50 .492	4.00 .157	3	2.80 x 2.10	HSS-E-PM	DIN 371	
M2.6	0.45	6HX	EX03PM2.6	2.60 .102	50.00 1.968	12.50 .492	4.00 .157	3	2.80 x 2.10	HSS-E-PM	DIN 371	
M3	0.50	6HX	EX03PM3	3.00 .118	56.00 2.204	18.00 .708	5.90 .232	3	3.50 x 2.70	HSS-E-PM	DIN 371	
M3.5	0.60	6HX	EX03PM3.5	3.50 .137	56.00 2.204	20.00 .787	7.00 .276	3	4.00 x 3.00	HSS-E-PM	DIN 371	
M4	0.70	6HX	EX03PM4	4.00 .157	63.00 2.480	21.00 .826	6.70 .264	3	4.50 x 3.40	HSS-E-PM	DIN 371	
M5	0.80	6HX	EX03PM5	5.00 .196	70.00 2.755	25.00 .984	7.70 .303	3	6.00 x 4.90	HSS-E-PM	DIN 371	
M5	0.80	6HX	EX03PM5DIN376	5.00 .196	70.00 2.755	49.00 1.929	8.00 .315	3	3.50 x 2.70	HSS-E-PM	DIN 376	
M6	1.00	6HX	EX03PM6	6.00 .236	80.00 3.149	30.00 1.181	10.00 .394	3	6.00 x 4.90	HSS-E-PM	DIN 371	
M6	1.00	6HX	EX03PM6DIN376	6.00 .236	80.00 3.149	59.00 2.322	10.00 .394	3	4.50 x 3.40	HSS-E-PM	DIN 376	
M7	1.00	6HX	EX03PM7	7.00 .275	80.00 3.149	31.00 1.220	10.00 .394	3	7.00 x 5.50	HSS-E-PM	DIN 371	
M8	1.25	6HX	EX03PM8	8.00 .314	90.00 3.543	35.00 1.377	11.60 .457	3	8.00 x 6.20	HSS-E-PM	DIN 371	
M8	1.25	6HX	EX03PM8DIN376	8.00 .314	90.00 3.543	67.00 2.637	13.00 .512	3	6.00 x 4.90	HSS-E-PM	DIN 376	
M10	1.50	6HX	EX03PM10	10.00 .393	100.00 3.937	39.00 1.535	15.10 .594	3	10.00 x 8.00	HSS-E-PM	DIN 371	
M10	1.50	6HX	EX03PM10DIN376	10.00 .393	100.00 3.937	77.00 3.031	20.00 .787	3	7.00 x 5.50	HSS-E-PM	DIN 376	
M12	1.75	6HX	EX03PM12	12.00 .472	110.00 4.330	83.00 3.267	16.00 .630	3	9.00 x 7.00	HSS-E-PM	DIN 376	
M14	2.00	6HX	EX03PM14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	3	11.00 x 9.00	HSS-E-PM	DIN 376	
M16	2.00	6HX	EX03PM16	16.00 .629	110.00 4.330	68.00 2.677	20.00 .787	4	12.00 x 9.00	HSS-E-PM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7



287



248



276

CoroTap™ 300

EX03P

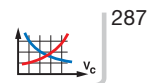
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
M
C
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M18	2.50	6HX	EX03PM18	18.00 .708	125.00 4.921	81.00 3.188	25.00 .984	4	14.00 x 11.00	HSS-E-PM	DIN 376	
M20	2.50	6HX	EX03PM20	20.00 .787	140.00 5.511	95.00 3.740	25.00 .984	4	16.00 x 12.00	HSS-E-PM	DIN 376	
M22	2.50	6HX	EX03PM22	22.00 .866	140.00 5.511	93.00 3.661	25.00 .984	4	18.00 x 14.50	HSS-E-PM	DIN 376	
M24	3.00	6HX	EX03PM24	24.00 .944	160.00 6.299	113.00 4.448	30.00 1.181	4	18.00 x 14.50	HSS-E-PM	DIN 376	
M27	3.00	6HX	EX03PM27	27.00 1.062	160.00 6.299	97.00 3.818	30.00 1.181	4	20.00 x 16.00	HSS-E-PM	DIN 376	
M30	3.50	6HX	EX03PM30	30.00 1.181	180.00 7.086	115.00 4.527	36.00 1.417	4	22.00 x 18.00	HSS-E-PM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 300

EX09P

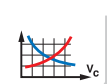
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
M
C
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6HX	EX09PM4	4.00 .157	63.00 2.480	21.00 .826	6.70 .264	3	4.50 x 3.40	HSS-E-PM	DIN 371	
M5	0.80	6HX	EX09PM5	5.00 .196	70.00 2.755	25.00 .984	7.70 .303	3	6.00 x 4.90	HSS-E-PM	DIN 371	
M6	1.00	6HX	EX09PM6	6.00 .236	80.00 3.149	31.00 1.220	10.00 .394	3	6.00 x 4.90	HSS-E-PM	DIN 371	
M7	1.00	6HX	EX09PM7	7.00 .275	80.00 3.149	31.00 1.220	10.00 .394	3	7.00 x 5.50	HSS-E-PM	DIN 371	
M8	1.25	6HX	EX09PM8	8.00 .314	90.00 3.543	35.00 1.377	11.60 .457	3	8.00 x 6.20	HSS-E-PM	DIN 371	
M10	1.50	6HX	EX09PM10	10.00 .393	100.00 3.937	39.00 1.535	15.10 .594	3	10.00 x 8.00	HSS-E-PM	DIN 371	
M12	1.75	6HX	EX09PM12	12.00 .472	110.00 4.330	83.00 3.267	16.00 .630	3	9.00 x 7.00	HSS-E-PM	DIN 376	
M14	2.00	6HX	EX09PM14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	3	11.00 x 9.00	HSS-E-PM	DIN 376	
M16	2.00	6HX	EX09PM16	16.00 .629	110.00 4.330	68.00 2.677	20.00 .787	4	12.00 x 9.00	HSS-E-PM	DIN 376	
M18	2.50	6HX	EX09PM18	18.00 .708	125.00 4.921	81.00 3.188	25.00 .984	4	14.00 x 11.00	HSS-E-PM	DIN 376	
M20	2.50	6HX	EX09PM20	20.00 .787	140.00 5.511	95.00 3.740	25.00 .984	4	16.00 x 12.00	HSS-E-PM	DIN 376	
M22	2.50	6HX	EX09PM22	22.00 .866	140.00 5.511	93.00 3.661	25.00 .984	4	18.00 x 14.50	HSS-E-PM	DIN 376	
M24	3.00	6HX	EX09PM24	24.00 .944	160.00 6.299	113.00 4.448	30.00 1.181	4	18.00 x 14.50	HSS-E-PM	DIN 376	
M27	3.00	6HX	EX09PM27	27.00 1.062	160.00 6.299	97.00 3.818	30.00 1.181	4	20.00 x 16.00	HSS-E-PM	DIN 376	
M30	3.50	6HX	EX09PM30	30.00 1.181	180.00 7.086	115.00 4.527	36.00 1.417	4	22.00 x 18.00	HSS-E-PM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

EX03PA

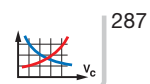
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
M
C
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6HX	EX03PAM3	3.00 .118	56.00 2.204	15.88 .625	5.99 .236	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
M4	0.70	6HX	EX03PAM4	4.00 .157	63.00 2.480	16.58 .652	7.01 .276	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
M5	0.80	6HX	EX03PAM5	5.00 .196	70.00 2.755	21.42 .843	8.00 .315	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
M6	1.00	6HX	EX03PAM6	6.00 .236	80.00 3.149	25.59 1.007	10.01 .394	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
M8	1.25	6HX	EX03PAM8	8.00 .314	90.00 3.543	30.20 1.189	11.99 .472	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
M10	1.50	6HX	EX03PAM10	10.00 .393	100.00 3.937	37.77 1.487	15.01 .591	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
M12	1.75	6HX	EX03PAM12	12.00 .472	110.00 4.330	86.02 3.386	18.01 .709	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
M14	2.00	6HX	EX03PAM14	14.00 .551	110.00 4.330	84.82 3.339	19.99 .787	3	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
M16	2.00	6HX	EX03PAM16	16.00 .629	110.00 4.330	70.86 2.789	27.00 1.063	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
M18	2.50	6HX	EX03PAM18	18.00 .708	125.00 4.921	84.69 3.334	30.00 1.181	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI	
M20	2.50	6HX	EX03PAM20	20.00 .787	140.00 5.511	97.58 3.841	30.00 1.181	4	0.652 x 0.489	HSS-E-PM	DIN/ANSI	
M24	3.00	6HX	EX03PAM24	24.00 .944	160.00 6.299	101.60 3.999	30.00 1.181	4	0.760 x 0.570	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E050

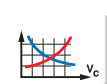
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
M
C
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E050M3	3.00 .118	48.00 1.889	12.50 .492	5.90 .232	3	3.15 x 2.50	HSS-PM	ISO 529	
M4	0.70	6H	E050M4	4.00 .157	53.00 2.086	19.00 .748	6.70 .264	3	4.00 x 3.15	HSS-PM	ISO 529	
M5	0.80	6H	E050M5	5.00 .196	58.00 2.283	22.00 .866	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
M6	1.00	6H	E050M6	6.00 .236	66.00 2.598	27.00 1.062	10.00 .394	3	6.30 x 5.00	HSS-PM	ISO 529	
M8	1.25	6H	E050M8	8.00 .314	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6H	E050M10	10.00 .393	80.00 3.149	52.00 2.047	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6H	E050M12	12.00 .472	89.00 3.503	62.00 2.440	16.00 .630	3	9.00 x 7.10	HSS-PM	ISO 529	
M16	2.00	6H	E050M16	16.00 .629	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
M20	2.50	6H	E050M20	20.00 .787	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

E051

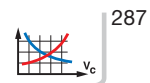
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
M
C
2.5
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M6	1.00	6H	E051M6	6.00 .236	66.00 2.598	27.00 1.062	10.00 .394	3	6.30 x 5.00	HSS-PM	ISO 529	
M8	1.25	6H	E051M8	8.00 .314	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6H	E051M10	10.00 .393	80.00 3.149	35.00 1.377	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6H	E051M12	12.00 .472	89.00 3.503	62.00 2.440	16.00 .630	3	9.00 x 7.10	HSS-PM	ISO 529	
M16	2.00	6H	E051M16	16.00 .629	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
M20	2.50	6H	E051M20	20.00 .787	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E346

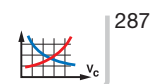
FHA 40
 THFT M
 THCHT C
 ULDR (xTD) 2.0
 COATING ST



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E346M3	3.00 .118	56.00 2.204	18.00 .708	5.90 .232	3	3.50 x 2.70	HSS-E	DIN 371	
M4	0.70	6H	E346M4	4.00 .157	63.00 2.480	21.00 .826	6.70 .264	3	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E346M5	5.00 .196	70.00 2.755	25.00 .984	7.70 .303	3	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E346M6	6.00 .236	80.00 3.149	30.00 1.181	10.00 .394	3	6.00 x 4.90	HSS-E	DIN 371	
M8	1.25	6H	E346M8	8.00 .314	90.00 3.543	33.00 1.299	11.60 .457	3	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E346M10	10.00 .393	100.00 3.937	39.00 1.535	15.10 .594	3	10.00 x 8.00	HSS-E	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E347

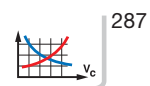
FHA 40
 THFT M
 THCHT C
 ULDR (xTD) 2.0
 COATING ST



M

				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M12	1.75	6H	E347M12	12.00 .472	110.00 4.330	83.00 3.267	16.00 .630	4	9.00 x 7.00	HSS-E	DIN 376
M14	2.00	6H	E347M14	14.00 .551	110.00 4.330	81.00 3.188	20.00 .787	4	11.00 x 9.00	HSS-E	DIN 376
M16	2.00	6H	E347M16	16.00 .629	110.00 4.330	68.00 2.677	20.00 .787	4	12.00 x 9.00	HSS-E	DIN 376
M18	2.50	6H	E347M18	18.00 .708	125.00 4.921	81.00 3.188	25.00 .984	4	14.00 x 11.00	HSS-E	DIN 376
M20	2.50	6H	E347M20	20.00 .787	140.00 5.511	95.00 3.740	25.00 .984	4	16.00 x 12.00	HSS-E	DIN 376
M22	2.50	6H	E347M22	22.00 .866	140.00 5.511	93.00 3.661	25.00 .984	4	18.00 x 14.50	HSS-E	DIN 376
M24	3.00	6H	E347M24	24.00 .944	160.00 6.299	113.00 4.448	30.00 1.181	4	18.00 x 14.50	HSS-E	DIN 376
M27	3.00	6H	E347M27	27.00 1.062	160.00 6.299	97.00 3.818	30.00 1.181	4	20.00 x 16.00	HSS-E	DIN 376
M30	3.50	6H	E347M30	30.00 1.181	180.00 7.086	115.00 4.527	36.00 1.417	4	22.00 x 18.00	HSS-E	DIN 376

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E404

FHA
THFT
THCHT
ULDR (xTD)
COATING

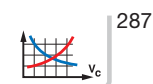
48
M
C
2.5
SmoothTop



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M1.6	0.35	6H	E404M1.6	1.60 .062	40.00 1.574	4.00 .157	6.00 .236	2	2.50 x 2.10	HSS-E	DIN 371	
M2	0.40	6H	E404M2	2.00 .078	45.00 1.771	9.00 .354	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M2.2	0.45	6H	E404M2.2	2.20 .086	45.00 1.771	12.00 .472	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M2.3	0.40	6H	E404M2.3	2.30 .090	45.00 1.771	12.00 .472	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M2.5	0.45	6H	E404M2.5	2.50 .098	50.00 1.968	12.50 .492	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M2.6	0.45	6H	E404M2.6	2.60 .102	50.00 1.968	12.50 .492	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M3	0.50	6H	E404M3	3.00 .118	56.00 2.204	18.00 .708	5.90 .232	3	3.50 x 2.70	HSS-E	DIN 371	
M4	0.70	6H	E404M4	4.00 .157	63.00 2.480	21.00 .826	6.70 .264	3	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E404M5	5.00 .196	70.00 2.755	25.00 .984	7.70 .303	3	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E404M6	6.00 .236	80.00 3.149	30.00 1.181	10.00 .394	3	6.00 x 4.90	HSS-E	DIN 371	
M8	1.25	6H	E404M8	8.00 .314	90.00 3.543	35.00 1.377	11.60 .457	3	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E404M10	10.00 .393	100.00 3.937	39.00 1.535	15.10 .594	3	10.00 x 8.00	HSS-E	DIN 371	
M12	1.75	6H	E404M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-E	DIN 376	
M14	2.00	6H	E404M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	3	11.00 x 9.00	HSS-E	DIN 376	
M16	2.00	6H	E404M16	16.00 .629	110.00 4.330	68.00 2.677	20.00 .787	4	12.00 x 9.00	HSS-E	DIN 376	
M20	2.50	6H	E404M20	20.00 .787	140.00 5.511	95.00 3.740	25.00 .984	4	16.00 x 12.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E862

FHA
THFT
THCHT
ULDR (xTD)
COATING

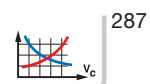
48
M
C
2.5
SmoothTop



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6H	E862M4	4.00 .157	63.00 2.480	16.58 .652	7.00 .276	3	0.168 x 0.131	HSS-PM	DIN/ANSI	
M5	0.80	6H	E862M5	5.00 .196	70.00 2.755	21.42 .843	8.00 .315	3	0.194 x 0.152	HSS-PM	DIN/ANSI	
M6	1.00	6H	E862M6	6.00 .236	80.00 3.149	25.59 1.007	10.70 .421	3	0.255 x 0.191	HSS-PM	DIN/ANSI	
M8	1.25	6H	E862M8	8.00 .314	90.00 3.543	30.20 1.189	12.10 .476	3	0.318 x 0.238	HSS-PM	DIN/ANSI	
M10	1.50	6H	E862M10	10.00 .393	100.00 3.937	32.80 1.291	15.10 .594	3	0.381 x 0.286	HSS-PM	DIN/ANSI	
M12	1.75	6H	E862M12	12.00 .472	110.00 4.330	86.02 3.386	18.00 .709	3	0.367 x 0.275	HSS-PM	DIN/ANSI	
M16	2.00	6H	E862M16	16.00 .629	110.00 4.330	70.86 2.789	20.00 .787	4	0.480 x 0.360	HSS-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E085

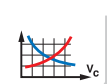
FHA	48
THFT	M
THCHT	C
ULDR (xTD)	2.5
COATING	ST



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6H	E085M4	4.00 .157	53.98 2.125	16.58 .652	7.90 .311	3	0.168 x 0.131	HSS-PM	ANSI	
M5	0.80	6H	E085M5	5.00 .196	60.32 2.375	21.42 .843	8.50 .335	3	0.194 x 0.152	HSS-PM	ANSI	
M6	1.00	6H	E085M6	6.00 .236	63.50 2.500	27.92 1.099	10.00 .394	3	0.255 x 0.191	HSS-PM	ANSI	
M8	1.25	6H	E085M8	8.00 .314	69.06 2.718	33.26 1.309	11.60 .457	3	0.318 x 0.238	HSS-PM	ANSI	
M10	1.50	6H	E085M10	10.00 .393	74.61 2.937	36.61 1.441	13.50 .531	3	0.381 x 0.286	HSS-PM	ANSI	
M12	1.75	6H	E085M12	12.00 .472	85.72 3.375	61.74 2.430	17.50 .689	3	0.367 x 0.275	HSS-PM	ANSI	
M14	2.00	6H	E085M14	14.00 .551	91.28 3.593	66.10 2.602	18.00 .709	3	0.429 x 0.322	HSS-PM	ANSI	
M16	2.00	6H	E085M16	16.00 .629	96.84 3.812	57.69 2.271	18.00 .709	4	0.480 x 0.360	HSS-PM	ANSI	
M20	2.50	6H	E085M20	20.00 .787	113.50 4.468	71.08 2.798	22.50 .886	4	0.652 x 0.489	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

E047

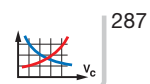
FHA	48
THFT	M
THCHT	C
ULDR (xTD)	2.5
COATING	ST



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E047M3	3.00 .118	48.00 1.889	15.00 .590	5.90 .232	3	3.15 x 2.50	HSS-PM	ISO 529	
M4	0.70	6H	E047M4	4.00 .157	53.00 2.086	19.00 .748	6.70 .264	3	4.00 x 3.15	HSS-PM	ISO 529	
M5	0.80	6H	E047M5	5.00 .196	58.00 2.283	22.00 .866	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
M6	1.00	6H	E047M6	6.00 .236	66.00 2.598	27.00 1.062	10.00 .394	3	6.30 x 5.00	HSS-PM	ISO 529	
M8	1.25	6H	E047M8	8.00 .314	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6H	E047M10	10.00 .393	80.00 3.149	35.00 1.377	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6H	E047M12	12.00 .472	89.00 3.503	62.00 2.440	16.00 .630	3	9.00 x 7.10	HSS-PM	ISO 529	
M16	2.00	6H	E047M16	16.00 .629	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
M20	2.50	6H	E047M20	20.00 .787	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E048

FHA
THFT
THCHT
ULDR (xTD)
COATING

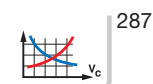
48
M
C
2.5
SmoothTop



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E048M3	3.00 .118	48.00 1.889	15.00 .590	5.90 .232	3	3.15 x 2.50	HSS-PM	ISO 529	
M4	0.70	6H	E048M4	4.00 .157	53.00 2.086	19.00 .748	6.70 .264	3	4.00 x 3.15	HSS-PM	ISO 529	
M5	0.80	6H	E048M5	5.00 .196	58.00 2.283	22.00 .866	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
M6	1.00	6H	E048M6	6.00 .236	66.00 2.598	27.00 1.062	10.00 .394	3	6.30 x 5.00	HSS-PM	ISO 529	
M8	1.25	6H	E048M8	8.00 .314	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6H	E048M10	10.00 .393	80.00 3.149	35.00 1.377	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6H	E048M12	12.00 .472	89.00 3.503	62.00 2.440	16.00 .630	3	9.00 x 7.10	HSS-PM	ISO 529	
M16	2.00	6H	E048M16	16.00 .629	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
M20	2.50	6H	E048M20	20.00 .787	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	

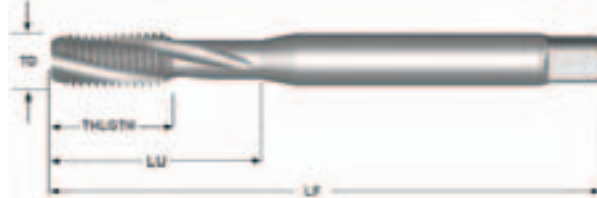
Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

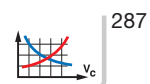
T105

FHA
THFT
THCHT
ULDR (xTD) 15
M
C
2.0



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	T105M3	3.00 .118	56.00 2.204	35.00 1.377	10.00 .394	3	3.50 x 2.70	HM	DIN 371	
M4	0.70	6H	T105M4	4.00 .157	63.00 2.480	42.00 1.653	13.00 .512	3	4.50 x 3.40	HM	DIN 371	
M5	0.80	6H	T105M5	5.00 .196	70.00 2.755	47.00 1.850	16.00 .630	3	6.00 x 4.90	HM	DIN 371	
M6	1.00	6H	T105M6	6.00 .236	80.00 3.149	30.00 1.181	19.00 .748	3	6.00 x 4.90	HM	DIN 371	
M8	1.25	6H	T105M8	8.00 .314	90.00 3.543	35.00 1.377	22.00 .866	3	8.00 x 6.20	HM	DIN 371	
M10	1.50	6H	T105M10	10.00 .393	100.00 3.937	39.00 1.535	24.00 .945	3	10.00 x 8.00	HM	DIN 371	
M12	1.75	6H	T105M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

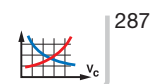
T106

FHA
THFT
THCHT
ULDR (xTD) 15
M
C
3.0



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M5	0.80	6H	T106M5	5.00 .196	70.00 2.755	47.00 1.850	16.00 .630	3	6.00 x 4.90	HM	DIN 371	
M6	1.00	6H	T106M6	6.00 .236	80.00 3.149	30.00 1.181	19.00 .748	3	6.00 x 4.90	HM	DIN 371	
M8	1.25	6H	T106M8	8.00 .314	90.00 3.543	35.00 1.377	22.00 .866	3	8.00 x 6.20	HM	DIN 371	
M10	1.50	6H	T106M10	10.00 .393	100.00 3.937	39.00 1.535	24.00 .945	3	10.00 x 8.00	HM	DIN 371	
M12	1.75	6H	T106M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E354

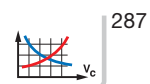
FHA
THFT
THCHT
ULDR (xTD) 15
M
C
1.5



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E354M3	3.00	56.00	18.00	9.00	3	3.50 x 2.70	HSS-E-PM	DIN 371	
				.118	2.204	.708	.354					
M4	0.70	6H	E354M4	4.00	63.00	21.00	12.00	3	4.50 x 3.40	HSS-E-PM	DIN 371	
				.157	2.480	.826	.472					
M5	0.80	6H	E354M5	5.00	70.00	25.00	13.00	3	6.00 x 4.90	HSS-E-PM	DIN 371	
				.196	2.755	.984	.512					
M6	1.00	6H	E354M6	6.00	80.00	30.00	15.00	3	6.00 x 4.90	HSS-E-PM	DIN 371	
				.236	3.149	1.181	.591					
M8	1.25	6H	E354M8	8.00	90.00	35.00	18.00	3	8.00 x 6.20	HSS-E-PM	DIN 371	
				.314	3.543	1.377	.709					
M10	1.50	6H	E354M10	10.00	100.00	39.00	20.00	3	10.00 x 8.00	HSS-E-PM	DIN 371	
				.393	3.937	1.535	.787					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E450

FHA
THFT
THCHT
ULDR (xTD)
COATING

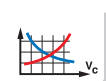
15
M
C
1.5
SmoothTop



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E450M3	3.00 .118	56.00 2.204	18.00 .708	9.00 .354	3	3.50 x 2.70	HSS-E-PM	DIN 371	
M4	0.70	6H	E450M4	4.00 .157	63.00 2.480	21.00 .826	12.00 .472	3	4.50 x 3.40	HSS-E-PM	DIN 371	
M5	0.80	6H	E450M5	5.00 .196	70.00 2.755	25.00 .984	13.00 .512	3	6.00 x 4.90	HSS-E-PM	DIN 371	
M6	1.00	6H	E450M6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	3	6.00 x 4.90	HSS-E-PM	DIN 371	
M8	1.25	6H	E450M8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	3	8.00 x 6.20	HSS-E-PM	DIN 371	
M10	1.50	6H	E450M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	3	10.00 x 8.00	HSS-E-PM	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

E355

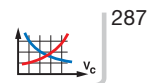
FHA 15
 THFT M
 THCHT C
 ULDR (xTD) 1.5



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E355M12	12.00	110.00	83.00	23.00	3	9.00 x 7.00	HSS-E-PM	DIN 376	
				.472	4.330	3.267	.906					
M14	2.00	6H	E355M14	14.00	110.00	81.00	25.00	3	11.00 x 9.00	HSS-E-PM	DIN 376	
				.551	4.330	3.188	.984					
M16	2.00	6H	E355M16	16.00	110.00	68.00	25.00	3	12.00 x 9.00	HSS-E-PM	DIN 376	
				.629	4.330	2.677	.984					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E451

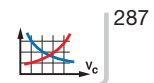
FHA 15
 THFT M
 THCHT C
 ULDR (xTD) 1.5
 COATING SmoothTop



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E451M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-E-PM	DIN 376	
M14	2.00	6H	E451M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	3	11.00 x 9.00	HSS-E-PM	DIN 376	
M16	2.00	6H	E451M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-E-PM	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E360

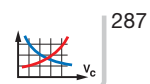
FHA
THFT
THCHT
ULDR (xTD) 35
M
C
2.5



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E360M3	3.00 .118	56.00 2.204	18.00 .708	9.00 .354	2	3.50 x 2.70	HSS-E	DIN 371	
M4	0.70	6H	E360M4	4.00 .157	63.00 2.480	21.00 .826	12.00 .472	2	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E360M5	5.00 .196	70.00 2.755	25.00 .984	13.00 .512	2	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E360M6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	2	6.00 x 4.90	HSS-E	DIN 371	
M8	1.25	6H	E360M8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	2	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E360M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	2	10.00 x 8.00	HSS-E	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E361

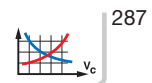
FHA 35
 THFT M
 THCHT C
 ULDR (xTD) 2.5



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M12	1.75	6H	E361M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-E	DIN 376	
M14	2.00	6H	E361M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	3	11.00 x 9.00	HSS-E	DIN 376	
M16	2.00	6H	E361M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-E	DIN 376	
M18	2.50	6H	E361M18	18.00 .708	125.00 4.921	81.00 3.188	30.00 1.181	3	14.00 x 11.00	HSS-E	DIN 376	
M20	2.50	6H	E361M20	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	3	16.00 x 12.00	HSS-E	DIN 376	

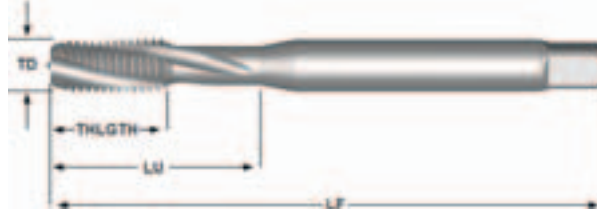
Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E866

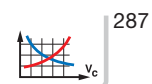
FHA
THFT
THCHT
ULDR (xTD) 15
M
C
1.5



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E866M3	3.00	56.00	15.88	9.00	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
				.118	2.204	.625	.354					
M4	0.70	6H	E866M4	4.00	63.00	16.58	13.00	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
				.157	2.480	.652	.512					
M5	0.80	6H	E866M5	5.00	70.00	21.42	14.00	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
				.196	2.755	.843	.551					
M6	1.00	6H	E866M6	6.00	80.00	25.59	15.00	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
				.236	3.149	1.007	.591					
M8	1.25	6H	E866M8	8.00	90.00	30.20	18.00	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
				.314	3.543	1.189	.709					
M10	1.50	6H	E866M10	10.00	100.00	32.80	20.00	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
				.393	3.937	1.291	.787					
M12	1.75	6H	E866M12	12.00	110.00	86.02	23.00	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
				.472	4.330	3.386	.906					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E865

FHA	15
THFT	MF
THCHT	C
ULDR (xTD)	1.5
COATING	CoolTop



30-48 HRC

				Dimensiones, mm, pulgadas									
TP	TDZ	CZC MS	Código de pedido	LF	THLGTH	TD	LU	NOF	PHD	FHA	BSG	TCTR	
1.25	MF 10x1.25	0.381 x 0.286	E865M10X1.25	100.00	20.00	10.00	37.80	3	8.80	15	DIN/ANSI	6H	
				<i>3.937</i>	<i>.787</i>	<i>.393</i>	<i>1.488</i>		<i>.346</i>				
1.25	MF 12x1.25	0.367 x 0.275	E865M12X1.25	110.00	23.00	12.00	86.02	4	10.80	15	DIN/ANSI	6H	
				<i>4.330</i>	<i>.906</i>	<i>.472</i>	<i>3.386</i>		<i>.425</i>				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

EX13P

FHA
THFT
THCHT
ULDR (xTD)
COATING

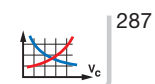
48
MF
C
3.0
CoolTop



≤350HB

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6HX	EX13PM4X.50	4.00 .157	63.00 2.480	43.00 1.692	7.00 .276	3	2.80 x 2.10	HSS-E-PM	DIN 374	
MF 5x0.5	0.50	6HX	EX13PM5X.50	5.00 .196	70.00 2.755	49.00 1.929	8.00 .315	3	3.50 x 2.70	HSS-E-PM	DIN 374	
MF 6x0.75	0.75	6HX	EX13PM6X.75	6.00 .236	80.00 3.149	59.00 2.322	10.00 .394	3	4.50 x 3.40	HSS-E-PM	DIN 374	
MF 8x0.75	0.75	6HX	EX13PM8X.75	8.00 .314	80.00 3.149	57.00 2.244	13.00 .512	3	6.00 x 4.90	HSS-E-PM	DIN 374	
MF 8x1.0	1.00	6HX	EX13PM8X1.0	8.00 .314	90.00 3.543	67.00 2.637	13.00 .512	3	6.00 x 4.90	HSS-E-PM	DIN 374	
MF 10x0.75	0.75	6HX	EX13PM10X.75	10.00 .393	90.00 3.543	67.00 2.637	13.00 .512	3	7.00 x 5.50	HSS-E-PM	DIN 374	
MF 10x1.0	1.00	6HX	EX13PM10X1.0	10.00 .393	90.00 3.543	67.00 2.637	13.00 .512	3	7.00 x 5.50	HSS-E-PM	DIN 374	
MF 10x1.25	1.25	6HX	EX13PM10X1.25	10.00 .393	100.00 3.937	77.00 3.031	15.00 .591	3	7.00 x 5.50	HSS-E-PM	DIN 374	
MF 12x1.0	1.00	6HX	EX13PM12X1.0	12.00 .472	100.00 3.937	73.00 2.874	15.00 .591	3	9.00 x 7.00	HSS-E-PM	DIN 374	
MF 12x1.25	1.25	6HX	EX13PM12X1.25	12.00 .472	100.00 3.937	73.00 2.874	15.00 .591	3	9.00 x 7.00	HSS-E-PM	DIN 374	
MF 12x1.5	1.50	6HX	EX13PM12X1.5	12.00 .472	100.00 3.937	73.00 2.874	15.00 .591	3	9.00 x 7.00	HSS-E-PM	DIN 374	
MF 14x1.0	1.00	6HX	EX13PM14X1.0	14.00 .551	100.00 3.937	71.00 2.795	15.00 .591	3	11.00 x 9.00	HSS-E-PM	DIN 374	
MF 14x1.25	1.25	6HX	EX13PM14X1.25	14.00 .551	100.00 3.937	71.00 2.795	15.00 .591	3	11.00 x 9.00	HSS-E-PM	DIN 374	
MF 14x1.5	1.50	6HX	EX13PM14X1.5	14.00 .551	100.00 3.937	71.00 2.795	15.00 .591	3	11.00 x 9.00	HSS-E-PM	DIN 374	
MF 16x1.0	1.00	6HX	EX13PM16X1.0	16.00 .629	100.00 3.937	58.00 2.283	15.00 .591	4	12.00 x 9.00	HSS-E-PM	DIN 374	
MF 16x1.5	1.50	6HX	EX13PM16X1.5	16.00 .629	100.00 3.937	58.00 2.283	15.00 .591	4	12.00 x 9.00	HSS-E-PM	DIN 374	
MF 18x1.0	1.00	6HX	EX13PM18X1.0	18.00 .708	110.00 4.330	66.00 2.598	17.00 .669	4	14.00 x 11.00	HSS-E-PM	DIN 374	
MF 18x1.5	1.50	6HX	EX13PM18X1.5	18.00 .708	110.00 4.330	66.00 2.598	17.00 .669	4	14.00 x 11.00	HSS-E-PM	DIN 374	
MF 20x1.0	1.00	6HX	EX13PM20X1.0	20.00 .787	125.00 4.921	80.00 3.149	17.00 .669	4	16.00 x 12.00	HSS-E-PM	DIN 374	
MF 20x1.5	1.50	6HX	EX13PM20X1.5	20.00 .787	125.00 4.921	80.00 3.149	17.00 .669	4	16.00 x 12.00	HSS-E-PM	DIN 374	
MF 22x1.5	1.50	6HX	EX13PM22X1.5	22.00 .866	125.00 4.921	78.00 3.070	17.00 .669	4	18.00 x 14.50	HSS-E-PM	DIN 374	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 300

EX13P

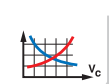
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
MF
C
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 24x1.5	1.50	6HX	EX13PM24X1.5	24.00 .944	140.00 5.511	93.00 3.661	20.00 .787	4	18.00 x 14.50	HSS-E-PM	DIN 374	
MF 24x2.0	2.00	6HX	EX13PM24X2.0	24.00 .944	140.00 5.511	93.00 3.661	20.00 .787	4	18.00 x 14.50	HSS-E-PM	DIN 374	
MF 25x1.5	1.50	6HX	EX13PM25X1.5	25.00 .984	140.00 5.511	93.00 3.661	20.00 .787	4	18.00 x 14.50	HSS-E-PM	DIN 374	
MF 26x1.5	1.50	6HX	EX13PM26X1.5	26.00 1.023	140.00 5.511	93.00 3.661	20.00 .787	4	18.00 x 14.50	HSS-E-PM	DIN 374	
MF 27x1.5	1.50	6HX	EX13PM27X1.5	27.00 1.062	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-E-PM	DIN 374	
MF 27x2.0	2.00	6HX	EX13PM27X2.0	27.00 1.062	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-E-PM	DIN 374	
MF 28x1.5	1.50	6HX	EX13PM28X1.5	28.00 1.102	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-E-PM	DIN 374	
MF 30x1.5	1.50	6HX	EX13PM30X1.5	30.00 1.181	150.00 5.905	85.00 3.346	20.00 .787	4	22.00 x 18.00	HSS-E-PM	DIN 374	
MF 30x2.0	2.00	6HX	EX13PM30X2.0	30.00 1.181	150.00 5.905	85.00 3.346	20.00 .787	4	22.00 x 18.00	HSS-E-PM	DIN 374	

Para la explicación de los parámetros, véanse las páginas 1 y 7



287



248



276

CoroTap™ 300

EX13PA

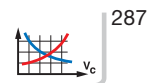
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
MF
C
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 8x1.0	1.00	6HX	EX13PAM8X1.0	8.00 .314	90.00 3.543	33.17 1.305	12.10 .476	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
MF 10x1.25	1.25	6HX	EX13PAM10X1.25	10.00 .393	100.00 3.937	37.77 1.487	15.10 .594	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
MF 12x1.25	1.25	6HX	EX13PAM12X1.25	12.00 .472	110.00 4.330	81.80 3.220	18.01 .709	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
MF 12x1.5	1.50	6HX	EX13PAM12X1.5	12.00 .472	110.00 4.330	81.80 3.220	18.01 .709	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
MF 14x1.5	1.50	6HX	EX13PAM14X1.5	14.00 .551	110.00 4.330	80.30 3.161	19.99 .787	3	0.429 x 0.322	HSS-E-PM	DIN/ANSI	
MF 16x1.5	1.50	6HX	EX13PAM16X1.5	16.00 .629	110.00 4.330	65.80 2.590	20.00 .787	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
MF 18x1.5	1.50	6HX	EX13PAM18X1.5	18.00 .708	125.00 4.921	79.00 3.110	24.99 .984	4	0.542 x 0.406	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E363

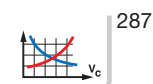
FHA	40
THFT	MF
THCHT	C
ULDR (xTD)	2.0
COATING	ST



M

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 6x0.75	0.75	6H	E363M6X.75	6.00 .236	80.00 3.149	59.00 2.322	10.00 .394	3	4.50 x 3.40	HSS-E	DIN 374	
MF 8x1.0	1.00	6H	E363M8X1.0	8.00 .314	90.00 3.543	67.00 2.637	12.00 .472	3	6.00 x 4.90	HSS-E	DIN 374	
MF 10x1.0	1.00	6H	E363M10X1.0	10.00 .393	90.00 3.543	67.00 2.637	12.00 .472	3	7.00 x 5.50	HSS-E	DIN 374	
MF 10x1.25	1.25	6H	E363M10X1.25	10.00 .393	100.00 3.937	77.00 3.031	15.00 .591	3	7.00 x 5.50	HSS-E	DIN 374	
MF 12x1.0	1.00	6H	E363M12X1.0	12.00 .472	100.00 3.937	73.00 2.874	13.00 .512	4	9.00 x 7.00	HSS-E	DIN 374	
MF 12x1.25	1.25	6H	E363M12X1.25	12.00 .472	100.00 3.937	73.00 2.874	13.00 .512	4	9.00 x 7.00	HSS-E	DIN 374	
MF 12x1.5	1.50	6H	E363M12X1.5	12.00 .472	100.00 3.937	73.00 2.874	13.00 .512	4	9.00 x 7.00	HSS-E	DIN 374	
MF 14x1.5	1.50	6H	E363M14X1.5	14.00 .551	100.00 3.937	71.00 2.795	15.00 .591	4	11.00 x 9.00	HSS-E	DIN 374	
MF 16x1.5	1.50	6H	E363M16X1.5	16.00 .629	100.00 3.937	58.00 2.283	15.00 .591	5	12.00 x 9.00	HSS-E	DIN 374	
MF 18x1.5	1.50	6H	E363M18X1.5	18.00 .708	110.00 4.330	66.00 2.598	17.00 .669	5	14.00 x 11.00	HSS-E	DIN 374	
MF 20x1.5	1.50	6H	E363M20X1.5	20.00 .787	125.00 4.921	80.00 3.149	17.00 .669	5	16.00 x 12.00	HSS-E	DIN 374	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E367

FHA
THFT
THCHT
ULDR (xTD) 35
MF
C
2.5



N

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGT	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	E367M4X.5	4.00	63.00	43.00	12.00	2	2.80 x 2.10	HSS-E	DIN 374	
				.157	2.480	1.692	.472					
MF 5x0.5	0.50	6H	E367M5X.5	5.00	70.00	49.00	13.00	2	3.50 x 2.70	HSS-E	DIN 374	
				.196	2.755	1.929	.512					
MF 6x0.75	0.75	6H	E367M6X.75	6.00	80.00	59.00	15.00	2	4.50 x 3.40	HSS-E	DIN 374	
				.236	3.149	2.322	.591					
MF 8x1.0	1.00	6H	E367M8X1.0	8.00	90.00	67.00	18.00	2	6.00 x 4.90	HSS-E	DIN 374	
				.314	3.543	2.637	.709					
MF 10x1.0	1.00	6H	E367M10X1.0	10.00	90.00	67.00	20.00	3	7.00 x 5.50	HSS-E	DIN 374	
				.393	3.543	2.637	.787					
MF 10x1.25	1.25	6H	E367M10X1.25	10.00	100.00	77.00	20.00	3	7.00 x 5.50	HSS-E	DIN 374	
				.393	3.937	3.031	.787					
MF 12x1.25	1.25	6H	E367M12X1.25	12.00	100.00	73.00	21.00	3	9.00 x 7.00	HSS-E	DIN 374	
				.472	3.937	2.874	.827					
MF 12x1.5	1.50	6H	E367M12X1.5	12.00	100.00	73.00	21.00	3	9.00 x 7.00	HSS-E	DIN 374	
				.472	3.937	2.874	.827					
MF 14x1.25	1.25	6H	E367M14X1.25	14.00	100.00	71.00	21.00	3	11.00 x 9.00	HSS-E	DIN 374	
				.551	3.937	2.795	.827					
MF 14x1.5	1.50	6H	E367M14X1.5	14.00	100.00	71.00	21.00	3	11.00 x 9.00	HSS-E	DIN 374	
				.551	3.937	2.795	.827					
MF 16x1.5	1.50	6H	E367M16X1.5	16.00	100.00	58.00	21.00	3	12.00 x 9.00	HSS-E	DIN 374	
				.629	3.937	2.283	.827					
MF 18x1.5	1.50	6H	E367M18X1.5	18.00	110.00	66.00	24.00	3	14.00 x 11.00	HSS-E	DIN 374	
				.708	4.330	2.598	.945					
MF 20x1.5	1.50	6H	E367M20X1.5	20.00	125.00	80.00	24.00	3	16.00 x 12.00	HSS-E	DIN 374	
				.787	4.921	3.149	.945					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E884

FHA
THFT
THCHT
ULDR (xTD)
COATING

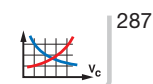
15
UNC
C
1.5
CoolTop



P
30-48 HRC

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	2B	E8844-40	2.84 .112	56.00 2.204	11.90 .469	11.90 .469	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
UNC # 6-32	2B	E8846-32	3.51 .137	63.00 2.480	13.90 .547	13.90 .547	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
UNC # 8-32	2B	E8848-32	4.17 .164	70.00 2.755	15.10 .594	15.10 .594	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
UNC # 10-24	2B	E88410-24	4.83 .190	80.00 3.149	17.00 .669	17.00 .669	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNC 1/4-20	2B	E8841/4	6.35 .250	90.00 3.543	20.20 .795	20.20 .795	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNC 5/16-18	2B	E8845/16	7.94 .312	100.00 3.937	20.00 .787	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNC 3/8-16	2B	E8843/8	9.52 .375	100.00 3.937	37.00 1.456	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNC 7/16-14	2B	E8847/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI	
UNC 1/2-13	2B	E8841/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNC 5/8-11	2B	E8845/8	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
UNC 3/4-10	2B	E8843/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

EX23PA

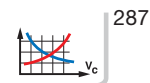
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
UNC
C
3.0
CoolTop



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 2-56	H1	3B	EX23PA2-56	2.18 .085	45.00 1.771	11.99 .472	3.99 .157	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
UNC # 4-40	H2	2B	EX23PA4-40	2.84 .112	56.00 2.204	16.97 .668	6.50 .256	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
UNC # 5-40	H2	2B	EX23PA5-40	3.18 .125	56.00 2.204	17.74 .698	6.50 .256	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
UNC # 6-32	H3	2B	EX23PA6-32	3.51 .137	56.00 2.204	20.20 .795	6.50 .256	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
UNC # 8-32	H3	2B	EX23PA8-32	4.17 .164	63.00 2.480	21.18 .833	7.00 .276	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
UNC # 8-32	H5	2B	EX23PA8-32H5	4.17 .164	63.00 2.480	21.18 .833	7.00 .276	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
UNC # 10-24	H3	2B	EX23PA10-24	4.83 .190	70.00 2.755	27.54 1.084	8.00 .315	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
UNC 1/4-20	H3	3B	EX23PA1/4	6.35 .250	80.00 3.149	24.69 .972	10.20 .402	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNC 1/4-20	H5	2B	EX23PA1/4H5	6.35 .250	80.00 3.149	24.69 .972	10.20 .402	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNC 5/16-18	H3	3B	EX23PA5/16	7.94 .312	90.00 3.543	33.17 1.305	12.00 .472	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNC 5/16-18	H5	2B	EX23PA5/16H5	7.94 .312	90.00 3.543	33.17 1.305	12.00 .472	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNC 3/8-16	H3	3B	EX23PA3/8	9.52 .375	100.00 3.937	38.07 1.498	15.80 .622	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNC 3/8-16	H5	2B	EX23PA3/8H5	9.52 .375	100.00 3.937	38.07 1.498	15.80 .622	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNC 7/16-14	H3	3B	EX23PA7/16	11.11 .437	100.00 3.937	72.60 2.858	15.01 .591	3	0.323 x 0.242	HSS-E-PM	DIN/ANSI	
UNC 1/2-13	H3	3B	EX23PA1/2	12.70 .500	110.00 4.330	81.80 3.220	18.01 .709	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNC 1/2-13	H5	2B	EX23PA1/2H5	12.70 .500	110.00 4.330	81.80 3.220	18.01 .709	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNC 5/8-11	H3	3B	EX23PA5/8	15.88 .625	110.00 4.330	65.80 2.590	20.00 .787	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 300

EX23PA

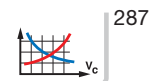
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
UNC
C
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC 5/8-11	H5	2B	EX23PA5/8H5	15.88 .625	110.00 4.330	65.80 2.590	20.00 .787	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
UNC 3/4-10	H3	3B	EX23PA3/4	19.05 .750	125.00 4.921	77.50 3.051	25.00 .984	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
UNC 3/4-10	H5	2B	EX23PA3/4H5	19.05 .750	125.00 4.921	77.50 3.051	25.00 .984	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
UNC 7/8-9	H4	3B	EX23PA7/8	22.22 .875	140.00 5.511	90.90 3.578	25.00 .984	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI	
UNC 1"-8	H4	3B	EX23PA1	25.40 1.000	160.00 6.299	95.40 3.755	30.00 1.181	4	0.800 x 0.600	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 300

EX29PA

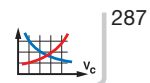
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
UNC
C
3.0
CoolTop



			Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC 1/4-20	2BX	EX29PA1/4	6.35 .250	80.00 3.149	24.69 .972	10.20 .402	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNC 5/16-18	2BX	EX29PA5/16	7.94 .312	90.00 3.543	33.17 1.305	12.00 .472	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNC 3/8-16	2BX	EX29PA3/8	9.52 .375	100.00 3.937	38.07 1.498	15.80 .622	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNC 7/16-14	2BX	EX29PA7/16	11.11 .437	100.00 3.937	72.60 2.858	15.01 .591	3	0.323 x 0.242	HSS-E-PM	DIN/ANSI	
UNC 1/2-13	2BX	EX29PA1/2	12.70 .500	110.00 4.330	81.90 3.224	18.01 .709	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNC 5/8-11	2BX	EX29PA5/8	15.88 .625	110.00 4.330	65.80 2.590	20.00 .787	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
UNC 3/4-10	2BX	EX29PA3/4	19.05 .750	125.00 4.921	77.50 3.051	25.00 .984	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
UNC 7/8-9	2BX	EX29PA7/8	22.22 .875	140.00 5.511	90.90 3.578	25.00 .984	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI	
UNC 1"-8	2BX	EX29PA1	25.40 1.000	160.00 6.299	95.40 3.755	30.00 1.181	4	0.800 x 0.600	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E058

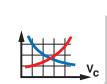
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
UNC
C
2.5
CoolTop



		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 6-32	2B	E0586-32	3.51 .137	50.00 1.968	30.20 1.189	6.30 .248	3	3.55 x 2.80	HSS-PM	ISO 529	
UNC # 8-32	2B	E0588-32	4.17 .164	53.00 2.086	17.00 .669	6.70 .264	3	4.50 x 3.55	HSS-PM	ISO 529	
UNC # 10-24	2B	E05810-24	4.83 .190	58.00 2.283	20.00 .787	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
UNC 1/4-20	2B	E0581/4	6.35 .250	66.00 2.598	28.00 1.102	10.20 .402	3	6.30 x 5.00	HSS-PM	ISO 529	
UNC 5/16-18	2B	E0585/16	7.94 .312	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
UNC 3/8-16	2B	E0583/8	9.52 .375	80.00 3.149	34.00 1.338	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
UNC 1/2-13	2B	E0581/2	12.70 .500	89.00 3.503	62.00 2.440	17.50 .689	3	9.00 x 7.10	HSS-PM	ISO 529	
UNC 5/8-11	2B	E0585/8	15.88 .625	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
UNC 3/4-10	2B	E0583/4	19.05 .750	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

E882

FHA
THFT
THCHT
ULDR (xTD)
COATING

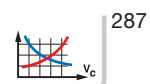
48
UNC
C
2.5
SmoothTop



M

		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 4-40	2B	E8824-40	2.84 .112	56.00 2.204	15.47 .609	6.50 .256	3	0.141 x 0.110	HSS-PM	DIN/ANSI
UNC # 6-32	2B	E8826-32	3.51 .137	56.00 2.204	15.08 .593	6.50 .256	3	0.141 x 0.110	HSS-PM	DIN/ANSI
UNC # 8-32	2B	E8828-32	4.17 .164	63.00 2.480	16.58 .652	7.00 .276	3	0.168 x 0.131	HSS-PM	DIN/ANSI
UNC # 10-24	2B	E88210-24	4.83 .190	70.00 2.755	21.00 .826	8.40 .331	3	0.194 x 0.152	HSS-PM	DIN/ANSI
UNC 1/4-20	2B	E8821/4	6.35 .250	80.00 3.149	25.59 1.007	10.20 .402	3	0.255 x 0.191	HSS-PM	DIN/ANSI
UNC 5/16-18	2B	E8825/16	7.94 .312	90.00 3.543	30.20 1.189	12.20 .480	3	0.318 x 0.238	HSS-PM	DIN/ANSI
UNC 3/8-16	2B	E8823/8	9.52 .375	100.00 3.937	32.80 1.291	15.80 .622	3	0.381 x 0.286	HSS-PM	DIN/ANSI
UNC 7/16-14	2B	E8827/16	11.11 .437	100.00 3.937	72.60 2.858	15.00 .591	3	0.323 x 0.242	HSS-PM	DIN/ANSI
UNC 1/2-13	2B	E8821/2	12.70 .500	110.00 4.330	81.80 3.220	18.00 .709	3	0.367 x 0.275	HSS-PM	DIN/ANSI
UNC 5/8-11	2B	E8825/8	15.88 .625	110.00 4.330	65.80 2.590	20.00 .787	4	0.480 x 0.360	HSS-PM	DIN/ANSI
UNC 3/4-10	2B	E8823/4	19.05 .750	125.00 4.921	77.50 3.051	25.00 .984	4	0.590 x 0.442	HSS-PM	DIN/ANSI
UNC 7/8-9	2B	E8827/8	22.22 .875	140.00 5.511	90.90 3.578	25.00 .984	4	0.697 x 0.523	HSS-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E069

FHA
THFT
THCHT
ULDR (xTD)
COATING

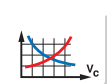
48
UNC
C
2.5
ST



M

			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	H2	2B	E0694-40	2.84 .112	47.62 1.875	15.47 .609	16.50 .650	3	0.141 x 0.110	HSS-PM	ANSI	
UNC # 5-40	H2	2B	E0695-40	3.18 .125	49.21 1.937	18.81 .740	20.00 .787	3	0.141 x 0.110	HSS-PM	ANSI	
UNC # 6-32	H2	3B	E0696-32	3.51 .137	50.80 2.000	15.08 .593	7.90 .311	3	0.141 x 0.110	HSS-PM	ANSI	
UNC # 8-32	H2	3B	E0698-32	4.17 .164	53.98 2.125	16.58 .652	7.90 .311	3	0.168 x 0.131	HSS-PM	ANSI	
UNC # 10-24	H3	2B	E06910-24	4.83 .190	60.32 2.375	21.42 .843	8.50 .335	3	0.194 x 0.152	HSS-PM	ANSI	
UNC # 12-24	H3	2B	E06912-24	5.49 .215	60.32 2.375	22.47 .884	8.50 .335	3	0.220 x 0.165	HSS-PM	ANSI	
UNC 1/4-20	H3	3B	E0691/4	6.35 .250	63.50 2.500	27.92 1.099	10.00 .394	3	0.255 x 0.191	HSS-PM	ANSI	
UNC 5/16-18	H3	3B	E0695/16	7.94 .312	69.06 2.718	33.26 1.309	11.60 .457	3	0.318 x 0.238	HSS-PM	ANSI	
UNC 3/8-16	H3	3B	E0693/8	9.52 .375	74.61 2.937	36.61 1.441	13.50 .531	3	0.381 x 0.286	HSS-PM	ANSI	
UNC 7/16-14	H3	3B	E0697/16	11.11 .437	80.17 3.156	52.77 2.077	16.00 .630	3	0.323 x 0.242	HSS-PM	ANSI	
UNC 1/2-13	H3	3B	E0691/2	12.70 .500	85.72 3.375	57.52 2.264	17.50 .689	3	0.367 x 0.275	HSS-PM	ANSI	
UNC 9/16-12	H3	3B	E0699/16	14.29 .562	91.28 3.593	61.58 2.424	18.00 .709	3	0.429 x 0.322	HSS-PM	ANSI	
UNC 5/8-11	H3	3B	E0695/8	15.88 .625	96.84 3.812	52.64 2.072	18.00 .709	4	0.480 x 0.360	HSS-PM	ANSI	
UNC 3/4-10	H4	2B	E0693/4	19.05 .750	108.00 4.251	60.50 2.381	22.50 .886	4	0.590 x 0.442	HSS-PM	ANSI	
UNC 7/8-9	H4	3B	E0697/8	22.22 .875	119.00 4.685	69.90 2.751	25.00 .984	4	0.697 x 0.523	HSS-PM	ANSI	
UNC 1"-8	H4	3B	E0691	25.40 1.000	130.20 5.125	65.60 2.582	30.00 1.181	4	0.800 x 0.600	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

E056

FHA
THFT
THCHT
ULDR (xTD)
COATING

48
UNC
C
2.5
ST



M

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	2B	E0564-40	2.84 .112	48.00 1.889	14.00 .551	6.20 .244	3	3.15 x 2.50	HSS-PM	ISO 529	
UNC # 6-32	2B	E0566-32	3.51 .137	48.00 1.889	17.00 .669	6.30 .248	3	3.55 x 2.80	HSS-PM	ISO 529	
UNC # 8-32	2B	E0568-32	4.17 .164	53.00 2.086	17.00 .669	6.70 .264	3	4.50 x 3.55	HSS-PM	ISO 529	
UNC # 10-24	2B	E05610-24	4.83 .190	58.00 2.283	21.00 .826	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
UNC 1/4-20	2B	E0561/4	6.35 .250	66.00 2.598	27.00 1.062	10.20 .402	3	6.30 x 5.00	HSS-PM	ISO 529	
UNC 5/16-18	2B	E0565/16	7.94 .312	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
UNC 3/8-16	2B	E0563/8	9.52 .375	80.00 3.149	33.00 1.299	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
UNC 1/2-13	2B	E0561/2	12.70 .500	89.00 3.503	62.00 2.440	17.50 .689	3	9.00 x 7.10	HSS-PM	ISO 529	
UNC 5/8-11	2B	E0565/8	15.88 .625	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
UNC 3/4-10	2B	E0563/4	19.05 .750	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E886

FHA
THFT
THCHT
ULDR (xTD)

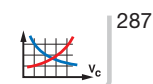
15
UNC
C
1.5



N

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	2B	E8864-40	2.84 .112	56.00 2.204	15.47 .609	9.00 .354	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
UNC # 6-32	2B	E8866-32	3.51 .137	56.00 2.204	15.08 .593	11.00 .433	3	0.141 x 0.110	HSS-E-PM	DIN/ANSI	
UNC # 8-32	2B	E8868-32	4.17 .164	63.00 2.480	16.58 .652	13.00 .512	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
UNC # 10-24	2B	E88610-24	4.83 .190	70.00 2.755	21.42 .843	14.00 .551	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
UNC 1/4-20	2B	E8861/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNC 5/16-18	2B	E8865/16	7.94 .312	90.00 3.543	30.20 1.189	18.00 .709	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNC 3/8-16	2B	E8863/8	9.52 .375	100.00 3.937	32.80 1.291	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNC 1/2-13	2B	E8861/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNC 5/8-11	2B	E8865/8	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	3	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
UNC 3/4-10	2B	E8863/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

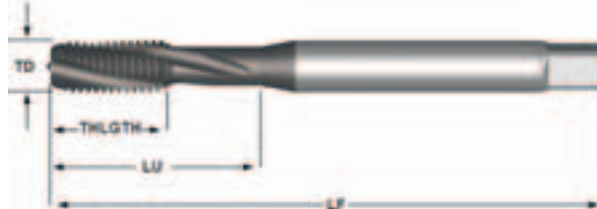


CoroTap™ 300

E885

FHA
THFT
THCHT
ULDR (xTD)
COATING

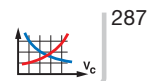
15
UNF
C
1.5
CoolTop



30-48 HRC

			Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 10-32	2B	E88510-32	4.83 .190	80.00 3.149	17.00 .669	17.00 .669	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNF 1/4-28	2B	E8851/4	6.35 .250	90.00 3.543	20.20 .795	20.20 .795	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNF 5/16-24	2B	E8855/16	7.94 .312	100.00 3.937	20.00 .787	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNF 3/8-24	2B	E8853/8	9.52 .375	100.00 3.937	33.00 1.299	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNF 7/16-20	2B	E8857/16	11.11 .437	100.00 3.937	72.60 2.858	20.00 .787	4	0.323 x 0.242	HSS-E-PM	DIN/ANSI	
UNF 1/2-20	2B	E8851/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	4	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNF 5/8-18	2B	E8855/8	15.88 .625	110.00 4.330	65.80 2.590	23.00 .906	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
UNF 3/4-16	2B	E8853/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

EX33PA

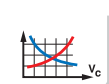
FHA
THFT
THCHT
ULDR (xTD)
COATING

48
UNF
C
3.0
CoolTop



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 8-36	H2	2B	EX33PA8-36	4.17 .164	63.00 2.480	21.18 .833	7.00 .276	3	0.168 x 0.131	HSS-E-PM	DIN/ANSI	
UNF # 10-32	H3	2B	EX33PA10-32	4.83 .190	70.00 2.755	27.54 1.084	8.00 .315	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
UNF 1/4-28	H3	3B	EX33PA1/4	6.35 .250	80.00 3.149	24.69 .972	10.20 .402	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNF 1/4-28	H4	2B	EX33PA1/4H4	6.35 .250	80.00 3.149	24.69 .972	10.20 .402	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNF 5/16-24	H3	3B	EX33PA5/16	7.94 .312	90.00 3.543	33.17 1.305	12.00 .472	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNF 5/16-24	H4	2B	EX33PA5/16H4	7.94 .312	90.00 3.543	33.17 1.305	12.00 .472	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNF 3/8-24	H3	3B	EX33PA3/8	9.52 .375	100.00 3.937	38.07 1.498	15.80 .622	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNF 3/8-24	H4	2B	EX33PA3/8H4	9.52 .375	100.00 3.937	38.07 1.498	15.80 .622	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNF 7/16-20	H3	3B	EX33PA7/16	11.11 .437	100.00 3.937	72.60 2.858	15.01 .591	3	0.323 x 0.242	HSS-E-PM	DIN/ANSI	
UNF 1/2-20	H3	3B	EX33PA1/2	12.70 .500	110.00 4.330	81.80 3.220	18.01 .709	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNF 1/2-20	H5	2B	EX33PA1/2H5	12.70 .500	110.00 4.330	81.80 3.220	18.01 .709	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	
UNF 5/8-18	H3	3B	EX33PA5/8	15.88 .625	110.00 4.330	65.80 2.590	20.00 .787	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
UNF 5/8-18	H5	2B	EX33PA5/8H5	15.88 .625	110.00 4.330	65.80 2.590	20.00 .787	4	0.480 x 0.360	HSS-E-PM	DIN/ANSI	
UNF 3/4-16	H3	3B	EX33PA3/4	19.05 .750	125.00 4.921	77.50 3.051	25.00 .984	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
UNF 3/4-16	H5	2B	EX33PA3/4H5	19.05 .750	125.00 4.921	77.50 3.051	25.00 .984	4	0.590 x 0.442	HSS-E-PM	DIN/ANSI	
UNF 7/8-14	H4	3B	EX33PA7/8	22.22 .875	140.00 5.511	90.90 3.578	25.00 .984	4	0.697 x 0.523	HSS-E-PM	DIN/ANSI	
UNF 1"-12	H4	3B	EX33PA1-12	25.40 1.000	160.00 6.299	95.40 3.755	30.00 1.181	4	0.800 x 0.600	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

E883

FHA
THFT
THCHT
ULDR (xTD)
COATING

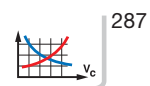
48
UNF
C
2.5
SmoothTop



M

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 10-32	2B	E88310-32	4.83 .190	70.00 2.755	21.42 .843	8.40 .331	3	0.194 x 0.152	HSS-PM	DIN/ANSI	
UNF 1/4-28	2B	E8831/4	6.35 .250	80.00 3.149	25.59 1.007	10.20 .402	3	0.255 x 0.191	HSS-PM	DIN/ANSI	
UNF 5/16-24	2B	E8835/16	7.94 .312	90.00 3.543	30.20 1.189	12.20 .480	3	0.318 x 0.238	HSS-PM	DIN/ANSI	
UNF 3/8-24	2B	E8833/8	9.52 .375	100.00 3.937	32.80 1.291	15.80 .622	3	0.381 x 0.286	HSS-PM	DIN/ANSI	
UNF 7/16-20	2B	E8837/16	11.11 .437	100.00 3.937	72.60 2.858	15.00 .591	3	0.323 x 0.242	HSS-PM	DIN/ANSI	
UNF 1/2-20	2B	E8831/2	12.70 .500	110.00 4.330	81.80 3.220	18.00 .709	3	0.367 x 0.275	HSS-PM	DIN/ANSI	
UNF 5/8-18	2B	E8835/8	15.88 .625	110.00 4.330	65.80 2.590	20.00 .787	4	0.480 x 0.360	HSS-PM	DIN/ANSI	
UNF 3/4-16	2B	E8833/4	19.05 .750	125.00 4.921	77.50 3.051	25.00 .984	4	0.590 x 0.442	HSS-PM	DIN/ANSI	
UNF 7/8-14	2B	E8837/8	22.22 .875	140.00 5.511	90.90 3.578	25.00 .984	4	0.697 x 0.523	HSS-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E079

FHA
THFT
THCHT
ULDR (xTD)
COATING

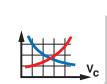
48
UNF
C
2.5
ST



M

				Dimensiones, mm, pulgadas							
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNS 1"-14	H4	3B	E0791-14	25.40 <i>1.000</i>	130.20 <i>5.125</i>	65.60 <i>2.582</i>	30.00 <i>1.181</i>	4	0.800 x 0.600	HSS-PM	ANSI
UNF # 10-32	H2	3B	E07910-32	4.83 <i>.190</i>	60.32 <i>2.375</i>	21.42 <i>.843</i>	8.50 <i>.335</i>	3	0.194 x 0.152	HSS-PM	ANSI
UNF 1/4-28	H3	3B	E0791/4	6.35 <i>.250</i>	63.50 <i>2.500</i>	27.92 <i>1.099</i>	10.00 <i>.394</i>	3	0.255 x 0.191	HSS-PM	ANSI
UNF 5/16-24	H3	3B	E0795/16	7.94 <i>.312</i>	69.06 <i>2.718</i>	33.26 <i>1.309</i>	11.60 <i>.457</i>	3	0.318 x 0.238	HSS-PM	ANSI
UNF 3/8-24	H3	3B	E0793/8	9.52 <i>.375</i>	74.61 <i>2.937</i>	36.61 <i>1.441</i>	13.50 <i>.531</i>	3	0.381 x 0.286	HSS-PM	ANSI
UNF 7/16-20	H3	3B	E0797/16	11.11 <i>.437</i>	80.17 <i>3.156</i>	52.77 <i>2.077</i>	16.00 <i>.630</i>	3	0.323 x 0.242	HSS-PM	ANSI
UNF 1/2-20	H3	3B	E0791/2	12.70 <i>.500</i>	85.72 <i>3.375</i>	57.52 <i>2.264</i>	17.50 <i>.689</i>	3	0.367 x 0.275	HSS-PM	ANSI
UNF 9/16-18	H3	3B	E0799/16	14.29 <i>.562</i>	91.28 <i>3.593</i>	61.58 <i>2.424</i>	18.00 <i>.709</i>	3	0.429 x 0.322	HSS-PM	ANSI
UNF 5/8-18	H3	3B	E0795/8	15.88 <i>.625</i>	96.84 <i>3.812</i>	52.64 <i>2.072</i>	18.00 <i>.709</i>	4	0.480 x 0.360	HSS-PM	ANSI
UNF 3/4-16	H3	3B	E0793/4	19.05 <i>.750</i>	108.00 <i>4.251</i>	60.50 <i>2.381</i>	22.50 <i>.886</i>	4	0.590 x 0.442	HSS-PM	ANSI
UNF 7/8-14	H4	3B	E0797/8	22.22 <i>.875</i>	119.00 <i>4.685</i>	69.90 <i>2.751</i>	25.00 <i>.984</i>	4	0.697 x 0.523	HSS-PM	ANSI
UNF 1"-12	H4	3B	E0791-12	25.40 <i>1.000</i>	130.20 <i>5.125</i>	65.60 <i>2.582</i>	30.00 <i>1.181</i>	4	0.800 x 0.600	HSS-PM	ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



276

CoroTap™ 300

E095

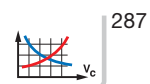
FHA	48
THFT	UNF
THCHT	C
ULDR (xTD)	2.5
COATING	ST



M

			Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 10-32	2B	E09510-32	4.83 .190	58.00 2.283	21.00 .826	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
UNF 1/4-28	2B	E0951/4	6.35 .250	66.00 2.598	27.00 1.062	10.20 .402	3	6.30 x 5.00	HSS-PM	ISO 529	
UNF 5/16-24	2B	E0955/16	7.94 .312	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
UNF 3/8-24	2B	E0953/8	9.52 .375	80.00 3.149	33.00 1.299	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
UNF 1/2-20	2B	E0951/2	12.70 .500	89.00 3.503	62.00 2.440	17.50 .689	3	9.00 x 7.10	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

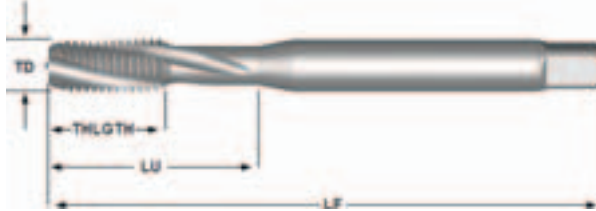


CoroTap™ 300

E887

FHA
THFT
THCHT
ULDR (xTD)

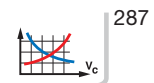
15
UNF
C
1.5



N

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 10-32	2B	E88710-32	4.83 .190	70.00 2.755	21.42 .843	14.00 .551	3	0.194 x 0.152	HSS-E-PM	DIN/ANSI	
UNF 1/4-28	2B	E8871/4	6.35 .250	80.00 3.149	25.59 1.007	15.00 .591	3	0.255 x 0.191	HSS-E-PM	DIN/ANSI	
UNF 5/16-24	2B	E8875/16	7.94 .312	90.00 3.543	30.20 1.189	18.00 .709	3	0.318 x 0.238	HSS-E-PM	DIN/ANSI	
UNF 3/8-24	2B	E8873/8	9.52 .375	100.00 3.937	32.80 1.291	20.00 .787	3	0.381 x 0.286	HSS-E-PM	DIN/ANSI	
UNF 1/2-20	2B	E8871/2	12.70 .500	110.00 4.330	81.80 3.220	23.00 .906	3	0.367 x 0.275	HSS-E-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E362

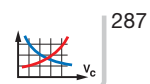
FHA 40
 THFT G
 THCHT C
 ULDR (xTD) 2.0
 COATING ST



M

			Dimensiones, mm, pulgadas							
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGH	NOF	CZC_MS	SUBSTRATE	BSG
G 1/8-28	NORMAL	E3621/8	9.73 .382	90.00 3.543	67.00 2.637	12.00 .472	3	7.00 x 5.50	HSS-E	DIN 5156
G 1/4-19	NORMAL	E3621/4	13.16 .517	100.00 3.937	71.00 2.795	15.00 .591	4	11.00 x 9.00	HSS-E	DIN 5156
G 3/8-19	NORMAL	E3623/8	16.66 .655	100.00 3.937	58.00 2.283	15.00 .591	4	12.00 x 9.00	HSS-E	DIN 5156
G 1/2-14	NORMAL	E3621/2	20.96 .825	125.00 4.921	80.00 3.149	24.00 .945	4	16.00 x 12.00	HSS-E	DIN 5156
G 3/4-14	NORMAL	E3623/4	26.44 1.040	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-E	DIN 5156
G 1"-11	NORMAL	E3621	33.25 1.309	160.00 6.299	93.00 3.661	24.00 .945	4	25.00 x 20.00	HSS-E	DIN 5156

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E736

FHA
THFT
THCHT
ULDR (xTD)
COATING

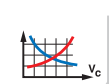
30
NPT60
C
1.5
ST



M

			Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
NPT 1/16-27	NORMAL	E7361/16	7.72 .303	80.00 3.149	56.00 2.204	14.00 .551	3	0.313 x 0.234	HSS-E	DIN/ANSI	
NPT 1/8-27	NORMAL	E7361/8	10.06 .396	90.00 3.543	64.00 2.519	14.00 .551	4	0.437 x 0.328	HSS-E	DIN/ANSI	
NPT 1/4-18	NORMAL	E7361/4	13.37 .526	100.00 3.937	59.00 2.322	20.00 .787	4	0.562 x 0.421	HSS-E	DIN/ANSI	
NPT 3/8-18	NORMAL	E7363/8	16.81 .661	110.00 4.330	67.00 2.637	20.00 .787	5	0.700 x 0.531	HSS-E	DIN/ANSI	
NPT 1/2-14	NORMAL	E7361/2	20.95 .824	125.00 4.921	79.00 3.110	26.00 1.024	5	0.687 x 0.515	HSS-E	DIN/ANSI	
NPT 3/4-14	NORMAL	E7363/4	26.29 1.035	140.00 5.511	78.00 3.070	26.00 1.024	5	0.906 x 0.679	HSS-E	DIN/ANSI	
NPT 1-11.5	NORMAL	E7361	32.91 1.295	150.00 5.905	58.00 2.283	31.00 1.220	5	1.125 x 0.843	HSS-E	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



287



248



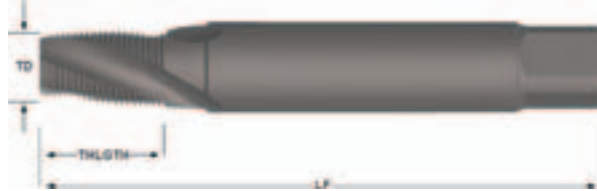
276

CoroTap™ 300

E738

FHA
THFT
THCHT
ULDR (xTD)
COATING

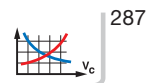
30
NPTF60
C
1.5
ST



M

			Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
NPTF 1/16-27	NORMAL	E7381/16	7.64 .300	80.00 3.149	56.00 2.204	14.00 .551	3	0.313 x 0.234	HSS-E	DIN/ANSI	
NPTF 1/8-27	NORMAL	E7381/8	9.98 .392	90.00 3.543	64.00 2.519	20.00 .787	4	0.700 x 0.531	HSS-E	DIN/ANSI	
NPTF 1/4-18	NORMAL	E7381/4	13.31 .524	100.00 3.937	59.00 2.322	20.00 .787	4	0.562 x 0.421	HSS-E	DIN/ANSI	
NPTF 3/8-18	NORMAL	E7383/8	16.75 .659	110.00 4.330	67.00 2.637	26.00 1.024	5	0.906 x 0.679	HSS-E	DIN/ANSI	
NPTF 1/2-14	NORMAL	E7381/2	20.92 .823	125.00 4.921	79.00 3.110	14.00 .551	5	0.437 x 0.328	HSS-E	DIN/ANSI	
NPTF 3/4-14	NORMAL	E7383/4	26.27 1.034	140.00 5.511	78.00 3.070	26.00 1.024	5	0.687 x 0.515	HSS-E	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

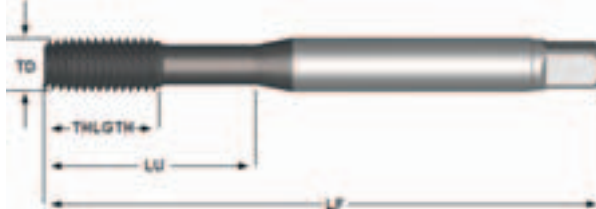


CoroTap™ 400

E313

THFT
THCHT
ULDR (xTD)
COATING

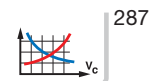
M
C
3.0
SmoothTop



N

				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6HX	E313M3	3.00	56.00	18.00	9.00	3.50 x 2.70	HSS-E	DIN 2174	
				<i>.118</i>	<i>2.204</i>	<i>.708</i>	<i>.354</i>				
M4	0.70	6HX	E313M4	4.00	63.00	21.00	12.00	4.50 x 3.40	HSS-E	DIN 2174	
				<i>.157</i>	<i>2.480</i>	<i>.826</i>	<i>.472</i>				
M5	0.80	6HX	E313M5	5.00	70.00	25.00	13.00	6.00 x 4.90	HSS-E	DIN 2174	
				<i>.196</i>	<i>2.755</i>	<i>.984</i>	<i>.512</i>				
M6	1.00	6HX	E313M6	6.00	80.00	30.00	15.00	6.00 x 4.90	HSS-E	DIN 2174	
				<i>.236</i>	<i>3.149</i>	<i>1.181</i>	<i>.591</i>				
M8	1.25	6HX	E313M8	8.00	90.00	35.00	18.00	8.00 x 6.20	HSS-E	DIN 2174	
				<i>.314</i>	<i>3.543</i>	<i>1.377</i>	<i>.709</i>				

Para la explicación de los parámetros, véanse las páginas 1 y 7.

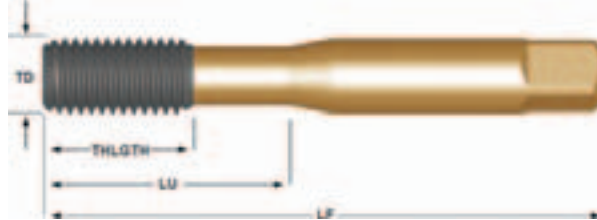


CoroTap™ 400

E080

THFT
THCHT
ULDR (xTD)
COATING

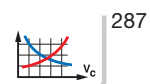
M
C
2.5
SmoothTop



N

				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M2	0.40	6HX	E080M2	2.00 .078	41.00 1.614	8.00 .314	8.00 .315	2.50 x 2.00	HSS-PM	ISO 529
M2.5	0.45	6HX	E080M2.5	2.50 .098	44.50 1.751	9.50 .374	9.50 .374	2.80 x 2.24	HSS-PM	ISO 529
M3	0.50	6HX	E080M3	3.00 .118	48.00 1.889	12.50 .492	12.50 .492	3.15 x 2.50	HSS-PM	ISO 529
M4	0.70	6HX	E080M4	4.00 .157	53.00 2.086	17.00 .669	17.00 .669	4.00 x 3.15	HSS-PM	ISO 529
M5	0.80	6HX	E080M5	5.00 .196	58.00 2.283	21.50 .846	11.00 .433	5.00 x 4.00	HSS-PM	ISO 529
M6	1.00	6HX	E080M6	6.00 .236	66.00 2.598	26.00 1.023	13.00 .512	6.30 x 5.00	HSS-PM	ISO 529
M8	1.25	6HX	E080M8	8.00 .314	72.00 2.834	29.40 1.157	16.00 .630	8.00 x 6.30	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP006H

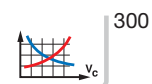
THFT
THCHT
ULDR (xTD)

M
B
2.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M2	0.40	6H	EP00M2	2.00 .078	45.00 1.771	9.00 .354	6.00 .236	2	2.80 x 2.10	HSS-E	DIN 371	
M2.5	0.45	6H	EP00M2.5	2.50 .098	50.00 1.968	12.50 .492	8.00 .315	2	2.80 x 2.10	HSS-E	DIN 371	
M3	0.50	6H	EP00M3	3.00 .118	56.00 2.204	18.00 .708	8.90 .350	3	3.50 x 2.70	HSS-PM	DIN 371	
M3	0.50	6H	EP00M3DIN376	3.00 .118	56.00 2.204	37.00 1.456	9.50 .374	3	2.20 x 1.80	HSS-PM	DIN 376	
M3.5	0.60	6H	EP00M3.5	3.50 .137	56.00 2.204	20.00 .787	10.80 .425	3	4.00 x 3.00	HSS-PM	DIN 371	
M4	0.70	6H	EP00M4	4.00 .157	63.00 2.480	21.00 .826	11.70 .461	3	4.50 x 3.40	HSS-PM	DIN 371	
M4	0.70	6H	EP00M4DIN376	4.00 .157	63.00 2.480	43.00 1.692	11.90 .469	3	2.80 x 2.10	HSS-PM	DIN 376	
M4.5	0.75	6H	EP00M4.5	4.50 .177	70.00 2.755	25.00 .984	12.60 .496	3	6.00 x 4.90	HSS-PM	DIN 371	
M5	0.80	6H	EP00M5	5.00 .196	70.00 2.755	25.00 .984	12.60 .496	3	6.00 x 4.90	HSS-PM	DIN 371	
M5	0.80	6H	EP00M5DIN376	5.00 .196	70.00 2.755	49.00 1.929	13.20 .520	3	3.50 x 2.70	HSS-PM	DIN 376	
M6	1.00	6H	EP00M6	6.00 .236	80.00 3.149	30.00 1.181	14.50 .571	3	6.00 x 4.90	HSS-PM	DIN 371	
M6	1.00	6H	EP00M6DIN376	6.00 .236	80.00 3.149	59.00 2.322	15.10 .594	3	4.50 x 3.40	HSS-PM	DIN 376	
M7	1.00	6H	EP00M7	7.00 .275	80.00 3.149	30.00 1.181	14.50 .571	3	7.00 x 5.50	HSS-PM	DIN 371	
M8	1.25	6H	EP00M8	8.00 .314	90.00 3.543	35.00 1.377	17.40 .685	3	8.00 x 6.20	HSS-PM	DIN 371	
M8	1.25	6H	EP00M8DIN376	8.00 .314	90.00 3.543	67.00 2.637	18.00 .709	3	6.00 x 4.90	HSS-PM	DIN 376	
M10	1.50	6H	EP00M10	10.00 .393	100.00 3.937	39.00 1.535	19.20 .756	3	10.00 x 8.00	HSS-PM	DIN 371	
M10	1.50	6H	EP00M10DIN376	10.00 .393	100.00 3.937	77.00 3.031	19.80 .780	3	7.00 x 5.50	HSS-PM	DIN 376	
M12	1.75	6H	EP00M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-PM	DIN 376	
M14	2.00	6H	EP00M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	3	11.00 x 9.00	HSS-PM	DIN 376	
M16	2.00	6H	EP00M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-PM	DIN 376	
M18	2.50	6H	EP00M18	18.00 .708	125.00 4.921	81.00 3.188	30.00 1.181	4	14.00 x 11.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7



300



248



276

CoroTap™ 200

EP006H

THFT
THCHT
ULDR (xTD)

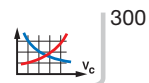
M
B
2.5



P K N S

				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M20	2.50	6H	EP00M20	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	4	16.00 x 12.00	HSS-E	DIN 376	
M22	2.50	6H	EP00M22	22.00 .866	140.00 5.511	93.00 3.661	34.00 1.339	4	18.00 x 14.50	HSS-E	DIN 376	
M24	3.00	6H	EP00M24	24.00 .944	160.00 6.299	113.00 4.448	38.00 1.496	4	18.00 x 14.50	HSS-E	DIN 376	
M27	3.00	6H	EP00M27	27.00 1.062	160.00 6.299	97.00 3.818	38.00 1.496	4	20.00 x 16.00	HSS-E	DIN 376	
M30	3.50	6H	EP00M30	30.00 1.181	180.00 7.086	115.00 4.527	45.00 1.772	4	22.00 x 18.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

EP016H

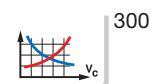
THFT
THCHT
ULDR (xTD)
COATING

M
B
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M2	0.40	6H	EP01M2	2.00	45.00	9.00	6.00	2	2.80 x 2.10	HSS-E	DIN 371	
				.078	1.771	.354	.236					
M2.5	0.45	6H	EP01M2.5	2.50	50.00	12.50	8.00	2	2.80 x 2.10	HSS-E	DIN 371	
				.098	1.968	.492	.315					
M3	0.50	6H	EP01M3	3.00	56.00	18.00	8.90	3	3.50 x 2.70	HSS-PM	DIN 371	
				.118	2.204	.708	.350					
M3	0.50	6H	EP01M3DIN376	3.00	56.00	37.00	9.50	3	2.20 x 1.80	HSS-PM	DIN 376	
				.118	2.204	1.456	.374					
M3.5	0.60	6H	EP01M3.5	3.50	56.00	20.00	10.80	3	4.00 x 3.00	HSS-PM	DIN 371	
				.137	2.204	.787	.425					
M4	0.70	6H	EP01M4	4.00	63.00	21.00	11.70	3	4.50 x 3.40	HSS-PM	DIN 371	
				.157	2.480	.826	.461					
M4	0.70	6H	EP01M4DIN376	4.00	63.00	43.00	11.90	3	2.80 x 2.10	HSS-PM	DIN 376	
				.157	2.480	1.692	.469					
M4.5	0.75	6H	EP01M4.5	4.50	70.00	25.00	12.60	3	6.00 x 4.90	HSS-PM	DIN 371	
				.177	2.755	.984	.496					
M5	0.80	6H	EP01M5	5.00	70.00	25.00	12.60	3	6.00 x 4.90	HSS-PM	DIN 371	
				.196	2.755	.984	.496					
M5	0.80	6H	EP01M5DIN376	5.00	70.00	49.00	13.20	3	3.50 x 2.70	HSS-PM	DIN 376	
				.196	2.755	1.929	.520					
M6	1.00	6H	EP01M6	6.00	80.00	30.00	14.50	3	6.00 x 4.90	HSS-PM	DIN 371	
				.236	3.149	1.181	.571					
M6	1.00	6H	EP01M6DIN376	6.00	80.00	59.00	15.10	3	4.50 x 3.40	HSS-PM	DIN 376	
				.236	3.149	2.322	.594					
M7	1.00	6H	EP01M7	7.00	80.00	30.00	14.50	3	7.00 x 5.50	HSS-PM	DIN 371	
				.275	3.149	1.181	.571					
M8	1.25	6H	EP01M8	8.00	90.00	35.00	17.40	3	8.00 x 6.20	HSS-PM	DIN 371	
				.314	3.543	1.377	.685					
M8	1.25	6H	EP01M8DIN376	8.00	90.00	67.00	18.00	3	6.00 x 4.90	HSS-PM	DIN 376	
				.314	3.543	2.637	.709					
M10	1.50	6H	EP01M10	10.00	100.00	39.00	19.20	3	10.00 x 8.00	HSS-PM	DIN 371	
				.393	3.937	1.535	.756					
M10	1.50	6H	EP01M10DIN376	10.00	100.00	77.00	19.80	3	7.00 x 5.50	HSS-PM	DIN 376	
				.393	3.937	3.031	.780					
M12	1.75	6H	EP01M12	12.00	110.00	83.00	23.00	3	9.00 x 7.00	HSS-PM	DIN 376	
				.472	4.330	3.267	.906					
M14	2.00	6H	EP01M14	14.00	110.00	81.00	25.00	3	11.00 x 9.00	HSS-PM	DIN 376	
				.551	4.330	3.188	.984					
M16	2.00	6H	EP01M16	16.00	110.00	68.00	25.00	3	12.00 x 9.00	HSS-PM	DIN 376	
				.629	4.330	2.677	.984					
M18	2.50	6H	EP01M18	18.00	125.00	81.00	30.00	4	14.00 x 11.00	HSS-E	DIN 376	
				.708	4.921	3.188	1.181					

Para la explicación de los parámetros, véanse las páginas 1 y 7



300



248



276

CoroTap™ 200

EP016H

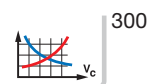
THFT
THCHT
ULDR (xTD)
COATING

M
AB
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M20	2.50	6H	EP01M20	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	4	16.00 x 12.00	HSS-E	DIN 376	
M22	2.50	6H	EP01M22	22.00 .866	140.00 5.511	93.00 3.661	34.00 1.339	4	18.00 x 14.50	HSS-E	DIN 376	
M24	3.00	6H	EP01M24	24.00 .944	160.00 6.299	113.00 4.448	38.00 1.496	4	18.00 x 14.50	HSS-E	DIN 376	
M27	3.00	6H	EP01M27	27.00 1.062	160.00 6.299	97.00 3.818	38.00 1.496	4	20.00 x 16.00	HSS-E	DIN 376	
M30	3.50	6H	EP01M30	30.00 1.181	180.00 7.086	115.00 4.527	45.00 1.772	4	22.00 x 18.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

EP006G

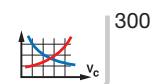
THFT
THCHT
ULDR (xTD)

M
B
2.5



TDZ	TP	TCTR	Código de pedido	Dimensiones, mm, pulgadas							
				TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M3	0.50	6G	EP00M36G	3.00 .118	56.00 2.204	18.00 .708	8.90 .350	3	3.50 x 2.70	HSS-PM	DIN 371
M4	0.70	6G	EP00M46G	4.00 .157	63.00 2.480	21.00 .826	11.70 .461	3	4.50 x 3.40	HSS-PM	DIN 371
M5	0.80	6G	EP00M56G	5.00 .196	70.00 2.755	25.00 .984	12.60 .496	3	6.00 x 4.90	HSS-PM	DIN 371
M6	1.00	6G	EP00M66G	6.00 .236	80.00 3.149	30.00 1.181	14.50 .571	3	6.00 x 4.90	HSS-PM	DIN 371
M8	1.25	6G	EP00M86G	8.00 .314	90.00 3.543	35.00 1.377	17.40 .685	3	8.00 x 6.20	HSS-PM	DIN 371
M10	1.50	6G	EP00M106G	10.00 .393	100.00 3.937	39.00 1.535	19.20 .756	3	10.00 x 8.00	HSS-PM	DIN 371
M12	1.75	6G	EP00M126G	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-PM	DIN 376
M16	2.00	6G	EP00M166G	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-PM	DIN 376
M20	2.50	6G	EP00M206G	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	4	16.00 x 12.00	HSS-E	DIN 376

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP016G

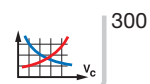
THFT
THCHT
ULDR (xTD)
COATING

M
B
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6G	EP01M36G	3.00	56.00	18.00	8.90	3	3.50 x 2.70	HSS-PM	DIN 371	
				.118	2.204	.708	.350					
M4	0.70	6G	EP01M46G	4.00	63.00	21.00	11.70	3	4.50 x 3.40	HSS-PM	DIN 371	
				.157	2.480	.826	.461					
M5	0.80	6G	EP01M56G	5.00	70.00	25.00	12.60	3	6.00 x 4.90	HSS-PM	DIN 371	
				.196	2.755	.984	.496					
M6	1.00	6G	EP01M66G	6.00	80.00	30.00	14.50	3	6.00 x 4.90	HSS-PM	DIN 371	
				.236	3.149	1.181	.571					
M8	1.25	6G	EP01M86G	8.00	90.00	35.00	17.40	3	8.00 x 6.20	HSS-PM	DIN 371	
				.314	3.543	1.377	.685					
M10	1.50	6G	EP01M106G	10.00	100.00	39.00	19.20	3	10.00 x 8.00	HSS-PM	DIN 371	
				.393	3.937	1.535	.756					
M12	1.75	6G	EP01M126G	12.00	110.00	83.00	23.00	3	9.00 x 7.00	HSS-PM	DIN 376	
				.472	4.330	3.267	.906					
M16	2.00	6G	EP01M166G	16.00	110.00	68.00	25.00	3	12.00 x 9.00	HSS-PM	DIN 376	
				.629	4.330	2.677	.984					
M20	2.50	6G	EP01M206G	20.00	140.00	95.00	30.00	4	16.00 x 12.00	HSS-E	DIN 376	
				.787	5.511	3.740	1.181					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E616

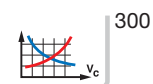
THFT
THCHT
ULDR (xTD)
COATING

M
B
3.0
CoolTop



TDZ	TP	TCTR	Código de pedido	Dimensiones, mm, pulgadas								
				TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E616M3	3.00	112.00	18.00	9.00	3	3.50 x 2.70	HSS-E	DIN 371	
				.118	4.409	.708	.354					
M4	0.70	6H	E616M4	4.00	112.00	21.00	12.00	3	4.50 x 3.40	HSS-E	DIN 371	
				.157	4.409	.826	.472					
M5	0.80	6H	E616M5	5.00	125.00	25.00	13.00	3	6.00 x 4.90	HSS-E	DIN 371	
				.196	4.921	.984	.512					
M6	1.00	6H	E616M6	6.00	125.00	30.00	15.00	3	6.00 x 4.90	HSS-E	DIN 371	
				.236	4.921	1.181	.591					
M8	1.25	6H	E616M8	8.00	140.00	40.00	18.00	3	8.00 x 6.20	HSS-E	DIN 371	
				.314	5.511	1.574	.709					
M10	1.50	6H	E616M10	10.00	160.00	50.00	20.00	3	10.00 x 8.00	HSS-E	DIN 371	
				.393	6.299	1.968	.787					
M12	1.75	6H	E616M12	12.00	180.00	153.00	23.00	3	9.00 x 7.00	HSS-E	DIN 376	
				.472	7.086	6.023	.906					
M14	2.00	6H	E616M14	14.00	180.00	151.00	25.00	3	11.00 x 9.00	HSS-E	DIN 376	
				.551	7.086	5.944	.984					
M16	2.00	6H	E616M16	16.00	200.00	158.00	25.00	3	12.00 x 9.00	HSS-E	DIN 376	
				.629	7.874	6.220	.984					
M20	2.50	6H	E616M20	20.00	224.00	179.00	30.00	4	16.00 x 12.00	HSS-E	DIN 376	
				.787	8.818	7.047	1.181					

Para la explicación de los parámetros, véanse las páginas 1 y 7.

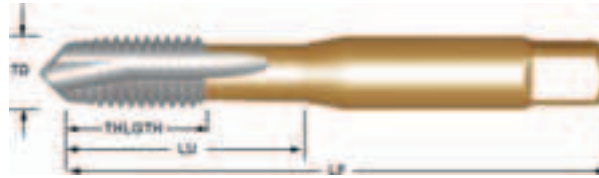


CoroTap™ 200

E005

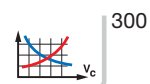
THFT
THCHT
ULDR (xTD)

M
B
2.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6H	E005M4	4.00 .157	53.98 2.125	16.58 .652	7.90 .311	2	0.168 x 0.131	HSS-PM	ANSI	
M4	0.70	6H	E005M43FL	4.00 .157	53.98 2.125	16.58 .652	7.90 .311	3	0.168 x 0.131	HSS-PM	ANSI	
M5	0.80	6H	E005M5	5.00 .196	60.32 2.375	21.42 .843	12.70 .500	2	0.194 x 0.152	HSS-PM	ANSI	
M5	0.80	6H	E005M53FL	5.00 .196	60.32 2.375	21.42 .843	12.70 .500	3	0.194 x 0.152	HSS-PM	ANSI	
M6	1.00	6H	E005M6	6.00 .236	63.50 2.500	25.59 1.007	15.30 .602	2	0.255 x 0.191	HSS-PM	ANSI	
M6	1.00	6H	E005M63FL	6.00 .236	63.50 2.500	25.59 1.007	15.30 .602	3	0.255 x 0.191	HSS-PM	ANSI	
M8	1.25	6H	E005M8	8.00 .314	69.06 2.718	30.20 1.189	18.20 .717	2	0.318 x 0.238	HSS-PM	ANSI	
M8	1.25	6H	E005M83FL	8.00 .314	69.06 2.718	30.20 1.189	18.20 .717	3	0.318 x 0.238	HSS-PM	ANSI	
M10	1.50	6H	E005M10	10.00 .393	74.61 2.937	32.80 1.291	19.10 .752	2	0.381 x 0.286	HSS-PM	ANSI	
M10	1.50	6H	E005M103FL	10.00 .393	74.61 2.937	32.80 1.291	19.10 .752	3	0.381 x 0.286	HSS-PM	ANSI	
M12	1.75	6H	E005M12	12.00 .472	85.72 3.375	61.74 2.430	23.00 .906	2	0.367 x 0.275	HSS-PM	ANSI	
M12	1.75	6H	E005M123FL	12.00 .472	85.72 3.375	61.74 2.430	23.00 .906	3	0.367 x 0.275	HSS-PM	ANSI	
M14	2.00	6H	E005M14	14.00 .551	91.28 3.593	66.10 2.602	25.00 .984	3	0.429 x 0.322	HSS-PM	ANSI	
M16	2.00	6H	E005M16	16.00 .629	96.84 3.812	57.69 2.271	25.00 .984	3	0.480 x 0.360	HSS-PM	ANSI	
M18	2.50	6H	E005M18	18.00 .708	102.39 4.031	62.08 2.444	29.50 1.161	3	0.542 x 0.406	HSS-PM	ANSI	
M20	2.50	6H	E005M20	20.00 .787	113.51 4.468	71.09 2.798	29.50 1.161	3	0.652 x 0.489	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 200

E006

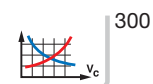
THFT
THCHT
ULDR (xTD)
COATING

M
B
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6H	E006M4	4.00	53.98	16.58	7.90	2	0.168 x 0.131	HSS-PM	ANSI	
				.157	2.125	.652	.311					
M4	0.70	6H	E006M43FL	4.00	53.98	16.58	7.90	3	0.168 x 0.131	HSS-PM	ANSI	
				.157	2.125	.652	.311					
M5	0.80	6H	E006M5	5.00	60.32	21.42	12.70	2	0.194 x 0.152	HSS-PM	ANSI	
				.196	2.375	.843	.500					
M5	0.80	6H	E006M53FL	5.00	60.32	21.42	12.70	3	0.194 x 0.152	HSS-PM	ANSI	
				.196	2.375	.843	.500					
M6	1.00	6H	E006M6	6.00	63.50	25.59	15.30	2	0.255 x 0.191	HSS-PM	ANSI	
				.236	2.500	1.007	.602					
M6	1.00	6H	E006M63FL	6.00	63.50	25.59	15.30	3	0.255 x 0.191	HSS-PM	ANSI	
				.236	2.500	1.007	.602					
M8	1.25	6H	E006M8	8.00	69.06	30.20	18.20	2	0.318 x 0.238	HSS-PM	ANSI	
				.314	2.718	1.189	.717					
M8	1.25	6H	E006M83FL	8.00	69.06	30.20	18.20	3	0.318 x 0.238	HSS-PM	ANSI	
				.314	2.718	1.189	.717					
M10	1.50	6H	E006M10	10.00	74.61	32.80	19.10	2	0.381 x 0.286	HSS-PM	ANSI	
				.393	2.937	1.291	.752					
M10	1.50	6H	E006M103FL	10.00	74.61	32.80	19.10	3	0.381 x 0.286	HSS-PM	ANSI	
				.393	2.937	1.291	.752					
M12	1.75	6H	E006M12	12.00	85.72	61.74	23.00	2	0.367 x 0.275	HSS-PM	ANSI	
				.472	3.375	2.430	.906					
M12	1.75	6H	E006M123FL	12.00	85.72	61.74	23.00	3	0.367 x 0.275	HSS-PM	ANSI	
				.472	3.375	2.430	.906					
M14	2.00	6H	E006M14	14.00	91.28	66.10	25.00	3	0.429 x 0.322	HSS-PM	ANSI	
				.551	3.593	2.602	.984					
M16	2.00	6H	E006M16	16.00	96.84	57.69	25.00	3	0.480 x 0.360	HSS-PM	ANSI	
				.629	3.812	2.271	.984					
M18	2.50	6H	E006M18	18.00	102.39	62.08	29.50	3	0.542 x 0.406	HSS-PM	ANSI	
				.708	4.031	2.444	1.161					
M20	2.50	6H	E006M20	20.00	113.51	71.09	29.50	3	0.652 x 0.489	HSS-PM	ANSI	
				.787	4.468	2.798	1.161					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



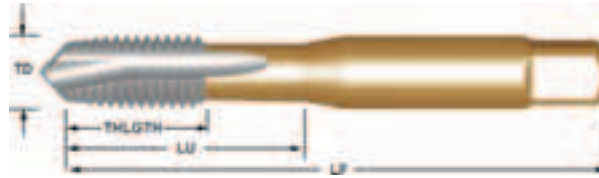
276

CoroTap™ 200

E000

THFT
THCHT
ULDR (xTD)

M
B
2.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M1.6	0.35	6H	E000M1.6	1.60 .062	41.00 1.614	7.00 .275	7.00 .276	2	2.50 x 2.00	HSS-PM	ISO 529	
M2	0.40	6H	E000M2	2.00 .078	41.00 1.614	8.00 .314	8.00 .315	2	2.50 x 2.00	HSS-PM	ISO 529	
M2.5	0.45	6H	E000M2.5	2.50 .098	44.50 1.751	9.50 .374	9.50 .374	2	2.80 x 2.24	HSS-PM	ISO 529	
M3	0.50	6H	E000M3	3.00 .118	48.00 1.889	12.50 .492	17.00 .669	3	3.15 x 2.50	HSS-PM	ISO 529	
M3.5	0.60	6H	E000M3.5	3.50 .137	50.00 1.968	14.00 .551	16.50 .650	3	3.55 x 2.80	HSS-PM	ISO 529	
M4	0.70	6H	E000M4	4.00 .157	53.00 2.086	14.00 .551	17.00 .669	3	4.00 x 3.15	HSS-PM	ISO 529	
M5	0.80	6H	E000M5	5.00 .196	58.00 2.283	22.00 .866	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529	
M6	1.00	6H	E000M6	6.00 .236	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529	
M7	1.00	6H	E000M7	7.00 .275	66.00 2.598	26.00 1.023	13.00 .512	3	7.10 x 5.60	HSS-PM	ISO 529	
M8	1.25	6H	E000M8	8.00 .314	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6H	E000M10	10.00 .393	80.00 3.149	34.00 1.338	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6H	E000M12	12.00 .472	89.00 3.503	62.00 2.440	22.50 .886	3	9.00 x 7.10	HSS-PM	ISO 529	
M14	2.00	6H	E000M14	14.00 .551	95.00 3.740	66.00 2.598	24.50 .965	3	11.20 x 9.00	HSS-PM	ISO 529	
M16	2.00	6H	E000M16	16.00 .629	102.00 4.015	59.00 2.322	24.50 .965	3	12.50 x 10.00	HSS-PM	ISO 529	
M18	2.50	6H	E000M18	18.00 .708	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
M20	2.50	6H	E000M20	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
M22	2.50	6H	E000M22	22.00 .866	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529	
M24	3.00	6H	E000M24	24.00 .944	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E001

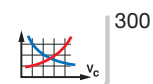
THFT
THCMT
ULDR (xTD)
COATING

M
B
2.5
ST



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M1.6	0.35	6H	E001M1.6	1.60	41.00	7.00	7.00	2	2.50 x 2.00	HSS-PM	ISO 529
				.062	1.614	.275	.276				
M2	0.40	6H	E001M2	2.00	41.00	8.00	8.00	2	2.50 x 2.00	HSS-PM	ISO 529
				.078	1.614	.314	.315				
M2.5	0.45	6H	E001M2.5	2.50	44.50	9.50	9.50	2	2.80 x 2.24	HSS-PM	ISO 529
				.098	1.751	.374	.374				
M3	0.50	6H	E001M3	3.00	48.00	12.50	17.00	3	3.15 x 2.50	HSS-PM	ISO 529
				.118	1.889	.492	.669				
M3.5	0.60	6H	E001M3.5	3.50	50.00	14.00	16.50	3	3.55 x 2.80	HSS-PM	ISO 529
				.137	1.968	.551	.650				
M4	0.70	6H	E001M4	4.00	53.00	14.00	17.00	3	4.00 x 3.15	HSS-PM	ISO 529
				.157	2.086	.551	.669				
M5	0.80	6H	E001M5	5.00	58.00	22.00	11.20	3	5.00 x 4.00	HSS-PM	ISO 529
				.196	2.283	.866	.441				
M6	1.00	6H	E001M6	6.00	66.00	26.00	13.20	3	6.30 x 5.00	HSS-PM	ISO 529
				.236	2.598	1.023	.520				
M7	1.00	6H	E001M7	7.00	66.00	26.00	13.00	3	7.10 x 5.60	HSS-PM	ISO 529
				.275	2.598	1.023	.512				
M8	1.25	6H	E001M8	8.00	72.00	29.00	16.30	3	8.00 x 6.30	HSS-PM	ISO 529
				.314	2.834	1.141	.642				
M10	1.50	6H	E001M10	10.00	80.00	34.00	18.10	3	10.00 x 8.00	HSS-PM	ISO 529
				.393	3.149	1.338	.713				
M12	1.75	6H	E001M12	12.00	89.00	62.00	22.50	3	9.00 x 7.10	HSS-PM	ISO 529
				.472	3.503	2.440	.886				
M14	2.00	6H	E001M14	14.00	95.00	66.00	24.50	3	11.20 x 9.00	HSS-PM	ISO 529
				.551	3.740	2.598	.965				
M16	2.00	6H	E001M16	16.00	102.00	59.00	24.50	3	12.50 x 10.00	HSS-PM	ISO 529
				.629	4.015	2.322	.965				
M18	2.50	6H	E001M18	18.00	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529
				.708	4.409	2.677	1.161				
M20	2.50	6H	E001M20	20.00	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529
				.787	4.409	2.677	1.161				
M22	2.50	6H	E001M22	22.00	118.00	72.00	29.50	4	16.00 x 12.50	HSS-PM	ISO 529
				.866	4.645	2.834	1.161				
M24	3.00	6H	E001M24	24.00	130.00	82.00	35.50	4	18.00 x 14.00	HSS-PM	ISO 529
				.944	5.118	3.228	1.398				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP10

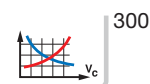
THFT
THCHT
ULDR (xTD)

MF
B
2.5



			Dimensiones, mm, pulgadas									
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	EP10M4X.5	4.00 .157	63.00 2.480	43.00 1.692	11.90 .469	3	2.80 x 2.10	HSS-PM	DIN 374	
MF 5x0.5	0.50	6H	EP10M5X.5	5.00 .196	70.00 2.755	49.00 1.929	13.20 .520	3	3.50 x 2.70	HSS-PM	DIN 374	
MF 6x0.75	0.75	6H	EP10M6X.75	6.00 .236	80.00 3.149	59.00 2.322	15.10 .594	3	4.50 x 3.40	HSS-PM	DIN 374	
MF 8x0.75	0.75	6H	EP10M8X.75	8.00 .314	80.00 3.149	57.00 2.244	14.90 .587	3	6.00 x 4.90	HSS-PM	DIN 374	
MF 8x1.0	1.00	6H	EP10M8X1.0	8.00 .314	90.00 3.543	67.00 2.637	18.00 .709	3	6.00 x 4.90	HSS-PM	DIN 374	
MF 10x0.75	0.75	6H	EP10M10X.75	10.00 .393	90.00 3.543	67.00 2.637	17.60 .693	3	7.00 x 5.50	HSS-PM	DIN 374	
MF 10x1.0	1.00	6H	EP10M10X1.0	10.00 .393	90.00 3.543	67.00 2.637	17.60 .693	3	7.00 x 5.50	HSS-PM	DIN 374	
MF 10x1.25	1.25	6H	EP10M10X1.25	10.00 .393	100.00 3.937	77.00 3.031	19.80 .780	3	7.00 x 5.50	HSS-PM	DIN 374	
MF 12x1.0	1.00	6H	EP10M12X1.0	12.00 .472	100.00 3.937	73.00 2.874	21.00 .827	3	9.00 x 7.00	HSS-PM	DIN 374	
MF 12x1.25	1.25	6H	EP10M12X1.25	12.00 .472	100.00 3.937	73.00 2.874	21.00 .827	3	9.00 x 7.00	HSS-PM	DIN 374	
MF 12x1.5	1.50	6H	EP10M12X1.5	12.00 .472	100.00 3.937	73.00 2.874	21.00 .827	3	9.00 x 7.00	HSS-PM	DIN 374	
MF 14x1.0	1.00	6H	EP10M14X1.0	14.00 .551	100.00 3.937	71.00 2.795	21.00 .827	3	11.00 x 9.00	HSS-PM	DIN 374	
MF 14x1.25	1.25	6H	EP10M14X1.25	14.00 .551	100.00 3.937	71.00 2.795	21.00 .827	3	11.00 x 9.00	HSS-PM	DIN 374	
MF 14x1.5	1.50	6H	EP10M14X1.5	14.00 .551	100.00 3.937	71.00 2.795	21.00 .827	3	11.00 x 9.00	HSS-PM	DIN 374	
MF 16x1.0	1.00	6H	EP10M16X1.0	16.00 .629	100.00 3.937	58.00 2.283	21.00 .827	3	12.00 x 9.00	HSS-PM	DIN 374	
MF 16x1.5	1.50	6H	EP10M16X1.5	16.00 .629	100.00 3.937	58.00 2.283	21.00 .827	3	12.00 x 9.00	HSS-PM	DIN 374	
MF 18x1.0	1.00	6H	EP10M18X1.0	18.00 .708	110.00 4.330	66.00 2.598	24.00 .945	4	14.00 x 11.00	HSS-PM	DIN 374	
MF 18x1.5	1.50	6H	EP10M18X1.5	18.00 .708	110.00 4.330	66.00 2.598	24.00 .945	4	14.00 x 11.00	HSS-E	DIN 374	
MF 20x1.0	1.00	6H	EP10M20X1.0	20.00 .787	125.00 4.921	80.00 3.149	24.00 .945	4	16.00 x 12.00	HSS-E	DIN 374	
MF 20x1.5	1.50	6H	EP10M20X1.5	20.00 .787	125.00 4.921	80.00 3.149	24.00 .945	4	16.00 x 12.00	HSS-E	DIN 374	
MF 22x1.5	1.50	6H	EP10M22X1.5	22.00 .866	125.00 4.921	78.00 3.070	25.00 .984	4	18.00 x 14.50	HSS-E	DIN 374	
MF 24x1.5	1.50	6H	EP10M24X1.5	24.00 .944	140.00 5.511	93.00 3.661	28.00 1.102	4	18.00 x 14.50	HSS-E	DIN 374	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

EP10

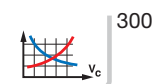
THFT
THCMT
ULDR (xTD)

MF
B
2.5



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
MF 24x2.0	2.00	6H	EP10M24X2.0	24.00 .944	140.00 5.511	93.00 3.661	28.00 1.102	4	18.00 x 14.50	HSS-E	DIN 374
MF 25x1.5	1.50	6H	EP10M25X1.5	25.00 .984	140.00 5.511	93.00 3.661	28.00 1.102	4	18.00 x 14.50	HSS-E	DIN 374
MF 26x1.5	1.50	6H	EP10M26X1.5	26.00 1.023	140.00 5.511	93.00 3.661	28.00 1.102	4	18.00 x 14.50	HSS-E	DIN 374
MF 27x1.5	1.50	6H	EP10M27X1.5	27.00 1.062	140.00 5.511	77.00 3.031	28.00 1.102	4	20.00 x 16.00	HSS-E	DIN 374
MF 27x2.0	2.00	6H	EP10M27X2.0	27.00 1.062	140.00 5.511	77.00 3.031	28.00 1.102	4	20.00 x 16.00	HSS-E	DIN 374
MF 28x1.5	1.50	6H	EP10M28X1.5	28.00 1.102	140.00 5.511	77.00 3.031	28.00 1.102	4	20.00 x 16.00	HSS-E	DIN 374
MF 30x1.5	1.50	6H	EP10M30X1.5	30.00 1.181	150.00 5.905	85.00 3.346	28.00 1.102	4	22.00 x 18.00	HSS-E	DIN 374
MF 30x2.0	2.00	6H	EP10M30X2.0	30.00 1.181	150.00 5.905	85.00 3.346	28.00 1.102	4	22.00 x 18.00	HSS-E	DIN 374

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

EP11

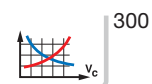
THFT
THCHT
ULDR (xTD)
COATING

MF
B
2.5
ST



			Dimensiones, mm, pulgadas									
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	EP11M4X.5	4.00	63.00	43.00	11.90	3	2.80 x 2.10	HSS-PM	DIN 374	
				.157	2.480	1.692	.469					
MF 5x0.5	0.50	6H	EP11M5X.5	5.00	70.00	49.00	13.20	3	3.50 x 2.70	HSS-PM	DIN 374	
				.196	2.755	1.929	.520					
MF 6x0.75	0.75	6H	EP11M6X.75	6.00	80.00	59.00	15.10	3	4.50 x 3.40	HSS-PM	DIN 374	
				.236	3.149	2.322	.594					
MF 8x0.75	0.75	6H	EP11M8X.75	8.00	80.00	57.00	14.90	3	6.00 x 4.90	HSS-PM	DIN 374	
				.314	3.149	2.244	.587					
MF 8x1.0	1.00	6H	EP11M8X1.0	8.00	90.00	67.00	18.00	3	6.00 x 4.90	HSS-PM	DIN 374	
				.314	3.543	2.637	.709					
MF 10x0.75	0.75	6H	EP11M10X.75	10.00	90.00	67.00	17.60	3	7.00 x 5.50	HSS-PM	DIN 374	
				.393	3.543	2.637	.693					
MF 10x1.0	1.00	6H	EP11M10X1.0	10.00	90.00	67.00	17.60	3	7.00 x 5.50	HSS-PM	DIN 374	
				.393	3.543	2.637	.693					
MF 10x1.25	1.25	6H	EP11M10X1.25	10.00	100.00	77.00	19.80	3	7.00 x 5.50	HSS-PM	DIN 374	
				.393	3.937	3.031	.780					
MF 12x1.0	1.00	6H	EP11M12X1.0	12.00	100.00	73.00	21.00	3	9.00 x 7.00	HSS-PM	DIN 374	
				.472	3.937	2.874	.827					
MF 12x1.25	1.25	6H	EP11M12X1.25	12.00	100.00	73.00	21.00	3	9.00 x 7.00	HSS-PM	DIN 374	
				.472	3.937	2.874	.827					
MF 12x1.5	1.50	6H	EP11M12X1.5	12.00	100.00	73.00	21.00	3	9.00 x 7.00	HSS-PM	DIN 374	
				.472	3.937	2.874	.827					
MF 14x1.0	1.00	6H	EP11M14X1.0	14.00	100.00	71.00	21.00	3	11.00 x 9.00	HSS-PM	DIN 374	
				.551	3.937	2.795	.827					
MF 14x1.25	1.25	6H	EP11M14X1.25	14.00	100.00	71.00	21.00	3	11.00 x 9.00	HSS-PM	DIN 374	
				.551	3.937	2.795	.827					
MF 14x1.5	1.50	6H	EP11M14X1.5	14.00	100.00	71.00	21.00	3	11.00 x 9.00	HSS-PM	DIN 374	
				.551	3.937	2.795	.827					
MF 16x1.0	1.00	6H	EP11M16X1.0	16.00	100.00	58.00	21.00	3	12.00 x 9.00	HSS-PM	DIN 374	
				.629	3.937	2.283	.827					
MF 16x1.5	1.50	6H	EP11M16X1.5	16.00	100.00	58.00	21.00	3	12.00 x 9.00	HSS-PM	DIN 374	
				.629	3.937	2.283	.827					
MF 18x1.0	1.00	6H	EP11M18X1.0	18.00	110.00	66.00	24.00	4	14.00 x 11.00	HSS-PM	DIN 374	
				.708	4.330	2.598	.945					
MF 18x1.5	1.50	6H	EP11M18X1.5	18.00	110.00	66.00	24.00	4	14.00 x 11.00	HSS-E	DIN 374	
				.708	4.330	2.598	.945					
MF 20x1.0	1.00	6H	EP11M20X1.0	20.00	125.00	80.00	24.00	4	16.00 x 12.00	HSS-E	DIN 374	
				.787	4.921	3.149	.945					
MF 20x1.5	1.50	6H	EP11M20X1.5	20.00	125.00	80.00	24.00	4	16.00 x 12.00	HSS-E	DIN 374	
				.787	4.921	3.149	.945					
MF 22x1.5	1.50	6H	EP11M22X1.5	22.00	125.00	78.00	25.00	4	18.00 x 14.50	HSS-E	DIN 374	
				.866	4.921	3.070	.984					

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

EP11

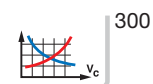
THFT
THCMT
ULDR (xTD)
COATING

MF
B
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 24x1.5	1.50	6H	EP11M24X1.5	24.00	140.00	93.00	28.00	4	18.00 x 14.50	HSS-E	DIN 374	
				.944	5.511	3.661	1.102					
MF 24x2.0	2.00	6H	EP11M24X2.0	24.00	140.00	93.00	28.00	4	18.00 x 14.50	HSS-E	DIN 374	
				.944	5.511	3.661	1.102					
MF 25x1.5	1.50	6H	EP11M25X1.5	25.00	140.00	93.00	28.00	4	18.00 x 14.50	HSS-E	DIN 374	
				.984	5.511	3.661	1.102					
MF 26x1.5	1.50	6H	EP11M26X1.5	26.00	140.00	93.00	28.00	4	18.00 x 14.50	HSS-E	DIN 374	
				1.023	5.511	3.661	1.102					
MF 27x1.5	1.50	6H	EP11M27X1.5	27.00	140.00	77.00	28.00	4	20.00 x 16.00	HSS-E	DIN 374	
				1.062	5.511	3.031	1.102					
MF 27x2.0	2.00	6H	EP11M27X2.0	27.00	140.00	77.00	28.00	4	20.00 x 16.00	HSS-E	DIN 374	
				1.062	5.511	3.031	1.102					
MF 28x1.5	1.50	6H	EP11M28X1.5	28.00	140.00	77.00	28.00	4	20.00 x 16.00	HSS-E	DIN 374	
				1.102	5.511	3.031	1.102					
MF 30x1.5	1.50	6H	EP11M30X1.5	30.00	150.00	85.00	28.00	4	22.00 x 18.00	HSS-E	DIN 374	
				1.181	5.905	3.346	1.102					
MF 30x2.0	2.00	6H	EP11M30X2.0	30.00	150.00	85.00	28.00	4	22.00 x 18.00	HSS-E	DIN 374	
				1.181	5.905	3.346	1.102					

Para la explicación de los parámetros, véanse las páginas 1 y 7



300



248



276

CoroTap™ 200

E015

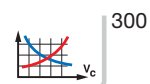
THFT
THCHT
ULDR (xTD)

MF
B
2



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 8x1.0	1.00	6H	E015M8X1.0	8.00 .314	69.06 2.718	30.20 1.189	18.20 .717	3	0.318 x 0.238	HSS-PM	ANSI	
MF 10x1.0	1.00	6H	E015M10X1.0	10.00 .393	74.61 2.937	32.80 1.291	19.10 .752	3	0.381 x 0.286	HSS-PM	ANSI	
MF 14x1.5	1.50	6H	E015M14X1.5	14.00 .551	91.28 3.593	66.10 2.602	25.00 .984	3	0.429 x 0.322	HSS-PM	ANSI	
MF 18x1.5	1.50	6H	E015M18X1.5	18.00 .708	102.39 4.031	62.08 2.444	29.50 1.161	3	0.542 x 0.406	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E016

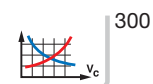
THFT
THCMT
ULDR (xTD)
COATING

MF
B
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 8x1.0	1.00	6H	E016M8X1.0	8.00	69.06	30.20	18.20	3	0.318 x 0.238	HSS-PM	ANSI	
				.314	2.718	1.189	.717					
MF 10x1.0	1.00	6H	E016M10X1.0	10.00	74.61	32.80	19.10	3	0.381 x 0.286	HSS-PM	ANSI	
				.393	2.937	1.291	.752					
MF 14x1.5	1.50	6H	E016M14X1.5	14.00	91.28	66.10	25.00	3	0.429 x 0.322	HSS-PM	ANSI	
				.551	3.593	2.602	.984					
MF 18x1.5	1.50	6H	E016M18X1.5	18.00	102.39	62.08	29.50	3	0.542 x 0.406	HSS-PM	ANSI	
				.708	4.031	2.444	1.161					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E010

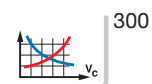
THFT
THCHT
ULDR (xTD)

MF
B
2



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	E010M4X.5	4.00 .157	53.00 2.086	14.00 .551	17.00 .669	3	4.00 x 3.15	HSS-PM	ISO 529	
MF 5x0.5	0.50	6H	E010M5X.5	5.00 .196	58.00 2.283	22.00 .866	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529	
MF 6x0.5	0.50	6H	E010M6X.5	6.00 .236	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529	
MF 6x0.75	0.75	6H	E010M6X.75	6.00 .236	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529	
MF 8x0.75	0.75	6H	E010M8X.75	8.00 .314	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529	
MF 8x1.0	1.00	6H	E010M8X1.0	8.00 .314	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529	
MF 10x1.0	1.00	6H	E010M10X1.0	10.00 .393	80.00 3.149	34.00 1.338	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529	
MF 10x1.25	1.25	6H	E010M10X1.25	10.00 .393	80.00 3.149	34.00 1.338	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529	
MF 12x1.0	1.00	6H	E010M12X1.0	12.00 .472	89.00 3.503	62.00 2.440	22.50 .886	3	9.00 x 7.10	HSS-PM	ISO 529	
MF 12x1.25	1.25	6H	E010M12X1.25	12.00 .472	89.00 3.503	62.00 2.440	22.50 .886	3	9.00 x 7.10	HSS-PM	ISO 529	
MF 12x1.5	1.50	6H	E010M12X1.5	12.00 .472	89.00 3.503	62.00 2.440	22.50 .886	3	9.00 x 7.10	HSS-PM	ISO 529	
MF 14x1.0	1.00	6H	E010M14X1.0	14.00 .551	95.00 3.740	66.00 2.598	24.50 .965	3	11.20 x 9.00	HSS-PM	ISO 529	
MF 14x1.25	1.25	6H	E010M14X1.25	14.00 .551	95.00 3.740	66.00 2.598	24.50 .965	3	11.20 x 9.00	HSS-PM	ISO 529	
MF 14x1.5	1.50	6H	E010M14X1.5	14.00 .551	95.00 3.740	66.00 2.598	24.50 .965	3	11.20 x 9.00	HSS-PM	ISO 529	
MF 16x1.0	1.00	6H	E010M16X1.0	16.00 .629	102.00 4.015	59.00 2.322	24.50 .965	3	12.50 x 10.00	HSS-PM	ISO 529	
MF 16x1.5	1.50	6H	E010M16X1.5	16.00 .629	102.00 4.015	59.00 2.322	24.50 .965	3	12.50 x 10.00	HSS-PM	ISO 529	
MF 18x1.0	1.00	6H	E010M18X1.0	18.00 .708	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
MF 18x1.5	1.50	6H	E010M18X1.5	18.00 .708	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
MF 20x1.0	1.00	6H	E010M20X1.0	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

E010

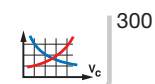
THFT
THCHT
ULDR (xTD)

MF
B
2



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 20x1.5	1.50	6H	E010M20X1.5	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
MF 20x2.0	2.00	6H	E010M20X2.0	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
MF 22x1.5	1.50	6H	E010M22X1.5	22.00 .866	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529	
MF 24x1.5	1.50	6H	E010M24X1.5	24.00 .944	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529	
MF 24x2.0	2.00	6H	E010M24X2.0	24.00 .944	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

E011

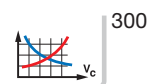
THFT
THCHT
ULDR (xTD)
COATING

MF
B
2.5
ST



			Dimensiones, mm, pulgadas									
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	E011M4X.5	4.00	53.00	14.00	17.00	3	4.00 x 3.15	HSS-PM	ISO 529	
				.157	2.086	.551	.669					
MF 5x0.5	0.50	6H	E011M5X.5	5.00	58.00	22.00	11.20	3	5.00 x 4.00	HSS-PM	ISO 529	
				.196	2.283	.866	.441					
MF 6x0.5	0.50	6H	E011M6X.5	6.00	66.00	26.00	13.20	3	6.30 x 5.00	HSS-PM	ISO 529	
				.236	2.598	1.023	.520					
MF 6x0.75	0.75	6H	E011M6X.75	6.00	66.00	26.00	13.20	3	6.30 x 5.00	HSS-PM	ISO 529	
				.236	2.598	1.023	.520					
MF 8x0.75	0.75	6H	E011M8X.75	8.00	72.00	29.00	16.30	3	8.00 x 6.30	HSS-PM	ISO 529	
				.314	2.834	1.141	.642					
MF 8x1.0	1.00	6H	E011M8X1.0	8.00	72.00	29.00	16.30	3	8.00 x 6.30	HSS-PM	ISO 529	
				.314	2.834	1.141	.642					
MF 10x1.0	1.00	6H	E011M10X1.0	10.00	80.00	34.00	18.10	3	10.00 x 8.00	HSS-PM	ISO 529	
				.393	3.149	1.338	.713					
MF 10x1.25	1.25	6H	E011M10X1.25	10.00	80.00	34.00	18.10	3	10.00 x 8.00	HSS-PM	ISO 529	
				.393	3.149	1.338	.713					
MF 12x1.0	1.00	6H	E011M12X1.0	12.00	89.00	62.00	22.50	3	9.00 x 7.10	HSS-PM	ISO 529	
				.472	3.503	2.440	.886					
MF 12x1.25	1.25	6H	E011M12X1.25	12.00	89.00	62.00	22.50	3	9.00 x 7.10	HSS-PM	ISO 529	
				.472	3.503	2.440	.886					
MF 12x1.5	1.50	6H	E011M12X1.5	12.00	89.00	62.00	22.50	3	9.00 x 7.10	HSS-PM	ISO 529	
				.472	3.503	2.440	.886					
MF 14x1.0	1.00	6H	E011M14X1.0	14.00	95.00	66.00	24.50	3	11.20 x 9.00	HSS-PM	ISO 529	
				.551	3.740	2.598	.965					
MF 14x1.25	1.25	6H	E011M14X1.25	14.00	95.00	66.00	24.50	3	11.20 x 9.00	HSS-PM	ISO 529	
				.551	3.740	2.598	.965					
MF 14x1.5	1.50	6H	E011M14X1.5	14.00	95.00	66.00	24.50	3	11.20 x 9.00	HSS-PM	ISO 529	
				.551	3.740	2.598	.965					
MF 16x1.0	1.00	6H	E011M16X1.0	16.00	102.00	59.00	24.50	3	12.50 x 10.00	HSS-PM	ISO 529	
				.629	4.015	2.322	.965					
MF 16x1.5	1.50	6H	E011M16X1.5	16.00	102.00	59.00	24.50	3	12.50 x 10.00	HSS-PM	ISO 529	
				.629	4.015	2.322	.965					
MF 18x1.0	1.00	6H	E011M18X1.0	18.00	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529	
				.708	4.409	2.677	1.161					
MF 18x1.5	1.50	6H	E011M18X1.5	18.00	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529	
				.708	4.409	2.677	1.161					
MF 20x1.0	1.00	6H	E011M20X1.0	20.00	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529	
				.787	4.409	2.677	1.161					

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

E011

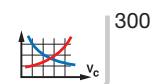
THFT
THCHT
ULDR (xTD)
COATING

MF
B
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 20x1.5	1.50	6H	E011M20X1.5	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
MF 20x2.0	2.00	6H	E011M20X2.0	20.00 .787	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
MF 22x1.5	1.50	6H	E011M22X1.5	22.00 .866	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529	
MF 24x1.5	1.50	6H	E011M24X1.5	24.00 .944	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529	
MF 24x2.0	2.00	6H	E011M24X2.0	24.00 .944	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

EP20

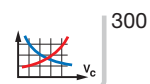
THFT
THCHT
ULDR (xTD)

UNC
B
2.5



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 4-40	2B	EP204-40	2.84 .112	56.00 2.204	18.00 .708	8.50 .335	3	3.50 x 2.70	HSS-PM	DIN 2184-1
UNC # 5-40	2B	EP205-40	3.18 .125	56.00 2.204	18.00 .708	9.50 .374	3	3.50 x 2.70	HSS-PM	DIN 2184-1
UNC # 6-32	2B	EP206-32	3.51 .137	56.00 2.204	20.00 .787	10.40 .409	3	4.00 x 3.00	HSS-PM	DIN 2184-1
UNC # 8-32	2B	EP208-32	4.17 .164	63.00 2.480	21.00 .826	11.40 .449	3	4.50 x 3.40	HSS-PM	DIN 2184-1
UNC # 10-24	2B	EP2010-24	4.83 .190	70.00 2.755	25.00 .984	12.20 .480	3	6.00 x 4.90	HSS-PM	DIN 2184-1
UNC # 12-24	2B	EP2012-24	5.49 .215	80.00 3.149	30.00 1.181	14.20 .559	3	6.00 x 4.90	HSS-PM	DIN 2184-1
UNC 1/4-20	2B	EP201/4	6.35 .250	80.00 3.149	30.00 1.181	14.10 .555	3	7.00 x 5.50	HSS-PM	DIN 2184-1
UNC 5/16-18	2B	EP205/16	7.94 .312	90.00 3.543	35.00 1.377	17.40 .685	3	8.00 x 6.20	HSS-PM	DIN 2184-1
UNC 3/8-16	2B	EP203/8	9.52 .375	100.00 3.937	39.00 1.535	18.90 .744	3	10.00 x 8.00	HSS-PM	DIN 2184-1
UNC 7/16-14	2B	EP207/16	11.11 .437	100.00 3.937	76.00 2.992	20.00 .787	3	8.00 x 6.20	HSS-PM	DIN 2184-1
UNC 1/2-13	2B	EP201/2	12.70 .500	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-PM	DIN 2184-1
UNC 5/8-11	2B	EP205/8	15.88 .625	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-PM	DIN 2184-1
UNC 3/4-10	2B	EP203/4	19.05 .750	125.00 4.921	81.00 3.188	30.00 1.181	4	14.00 x 11.00	HSS-E	DIN 2184-1
UNC 7/8-9	2B	EP207/8	22.22 .875	140.00 5.511	93.00 3.661	34.00 1.339	4	18.00 x 14.50	HSS-E	DIN 2184-1
UNC 1"-8	2B	EP201	25.40 1.000	160.00 6.299	113.00 4.448	38.00 1.496	4	18.00 x 14.50	HSS-E	DIN 2184-1

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP21

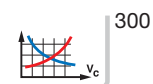
THFT
THCHT
ULDR (xTD)
COATING

UNC
B
2.5
ST



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 4-40	2B	EP214-40	2.84	56.00	18.00	8.50	3	3.50 x 2.70	HSS-PM	DIN 2184-1
			.112	2.204	.708	.335				
UNC # 5-40	2B	EP215-40	3.18	56.00	18.00	9.50	3	3.50 x 2.70	HSS-PM	DIN 2184-1
			.125	2.204	.708	.374				
UNC # 6-32	2B	EP216-32	3.51	56.00	20.00	10.40	3	4.00 x 3.00	HSS-PM	DIN 2184-1
			.137	2.204	.787	.409				
UNC # 8-32	2B	EP218-32	4.17	63.00	21.00	11.40	3	4.50 x 3.40	HSS-PM	DIN 2184-1
			.164	2.480	.826	.449				
UNC # 10-24	2B	EP2110-24	4.83	70.00	25.00	12.20	3	6.00 x 4.90	HSS-PM	DIN 2184-1
			.190	2.755	.984	.480				
UNC # 12-24	2B	EP2112-24	5.49	80.00	30.00	14.20	3	6.00 x 4.90	HSS-PM	DIN 2184-1
			.215	3.149	1.181	.559				
UNC 1/4-20	2B	EP211/4	6.35	80.00	30.00	14.10	3	7.00 x 5.50	HSS-PM	DIN 2184-1
			.250	3.149	1.181	.555				
UNC 5/16-18	2B	EP215/16	7.94	90.00	35.00	17.40	3	8.00 x 6.20	HSS-PM	DIN 2184-1
			.312	3.543	1.377	.685				
UNC 3/8-16	2B	EP213/8	9.52	100.00	39.00	18.90	3	10.00 x 8.00	HSS-PM	DIN 2184-1
			.375	3.937	1.535	.744				
UNC 7/16-14	2B	EP217/16	11.11	100.00	76.00	20.00	3	8.00 x 6.20	HSS-PM	DIN 2184-1
			.437	3.937	2.992	.787				
UNC 1/2-13	2B	EP211/2	12.70	110.00	83.00	23.00	3	9.00 x 7.00	HSS-PM	DIN 2184-1
			.500	4.330	3.267	.906				
UNC 5/8-11	2B	EP215/8	15.88	110.00	68.00	25.00	3	12.00 x 9.00	HSS-PM	DIN 2184-1
			.625	4.330	2.677	.984				
UNC 3/4-10	2B	EP213/4	19.05	125.00	81.00	30.00	4	14.00 x 11.00	HSS-E	DIN 2184-1
			.750	4.921	3.188	1.181				
UNC 7/8-9	2B	EP217/8	22.22	140.00	93.00	34.00	4	18.00 x 14.50	HSS-E	DIN 2184-1
			.875	5.511	3.661	1.339				
UNC 1"-8	2B	EP211	25.40	160.00	113.00	38.00	4	18.00 x 14.50	HSS-E	DIN 2184-1
			1.000	6.299	4.448	1.496				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E025

THFT
THCHT
ULDR (xTD)

UNC
B
2



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 6-32	H2	3B	E0256-32	3.51	50.80	15.08	7.90	2	0.141 x 0.110	HSS-PM	ANSI	
				.137	2.000	.593	.311					
UNC # 8-32	H2	3B	E0258-32	4.17	53.98	16.58	7.90	2	0.168 x 0.131	HSS-PM	ANSI	
				.164	2.125	.652	.311					
UNC # 10-24	H3	2B	E02510-24	4.83	60.32	21.42	12.70	2	0.194 x 0.152	HSS-PM	ANSI	
				.190	2.375	.843	.500					
UNC # 12-24	H3	2B	E02512-24	5.49	60.32	22.47	12.70	2	0.220 x 0.165	HSS-PM	ANSI	
				.215	2.375	.884	.500					
UNC 1/4-20	H3	3B	E0251/4	6.35	63.50	25.59	15.30	2	0.255 x 0.191	HSS-PM	ANSI	
				.250	2.500	1.007	.602					
UNC 1/4-20	H3	3B	E0251/43FL	6.35	63.50	25.59	15.30	3	0.255 x 0.191	HSS-PM	ANSI	
				.250	2.500	1.007	.602					
UNC 5/16-18	H3	3B	E0255/16	7.94	69.06	30.20	18.20	2	0.318 x 0.238	HSS-PM	ANSI	
				.312	2.718	1.189	.717					
UNC 5/16-18	H3	3B	E0255/163FL	7.94	69.06	30.20	18.20	3	0.318 x 0.238	HSS-PM	ANSI	
				.312	2.718	1.189	.717					
UNC 3/8-16	H3	3B	E0253/8	9.52	74.61	32.80	19.10	2	0.381 x 0.286	HSS-PM	ANSI	
				.375	2.937	1.291	.752					
UNC 3/8-16	H3	3B	E0253/83FL	9.52	74.61	32.80	19.10	3	0.381 x 0.286	HSS-PM	ANSI	
				.375	2.937	1.291	.752					
UNC 7/16-14	H3	3B	E0257/16	11.11	80.17	52.77	23.00	3	0.323 x 0.242	HSS-PM	ANSI	
				.437	3.156	2.077	.906					
UNC 1/2-13	H3	3B	E0251/2	12.70	85.72	57.52	23.00	2	0.367 x 0.275	HSS-PM	ANSI	
				.500	3.375	2.264	.906					
UNC 1/2-13	H3	3B	E0251/23FL	12.70	85.72	57.52	23.00	3	0.367 x 0.275	HSS-PM	ANSI	
				.500	3.375	2.264	.906					
UNC 9/16-12	H3	3B	E0259/16	14.29	91.28	61.58	25.00	3	0.429 x 0.322	HSS-PM	ANSI	
				.562	3.593	2.424	.984					
UNC 5/8-11	H3	3B	E0255/8	15.88	96.84	52.64	25.00	3	0.480 x 0.360	HSS-PM	ANSI	
				.625	3.812	2.072	.984					
UNC 3/4-10	H4	2B	E0253/4	19.05	107.95	60.45	29.50	3	0.590 x 0.442	HSS-PM	ANSI	
				.750	4.250	2.379	1.161					
UNC 7/8-9	H4	3B	E0257/8	22.22	119.06	69.96	29.50	3	0.697 x 0.523	HSS-PM	ANSI	
				.875	4.687	2.754	1.161					
UNC 1"-8	H4	3B	E0251	25.40	130.18	67.08	35.50	3	0.800 x 0.600	HSS-PM	ANSI	
				1.000	5.125	2.640	1.398					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E026

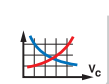
THFT
THCHT
ULDR (xTD)
COATING

UNC
B
2.5
ST



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 2-56	H2	3B	E0262-56	2.18	44.50	7.98	8.00	2	0.141 x 0.110	HSS-PM	ANSI	
				.085	1.751	.314	.315					
UNC # 4-40	H2	2B	E0264-40	2.84	47.62	15.47	16.50	2	0.141 x 0.110	HSS-PM	ANSI	
				.112	1.875	.609	.650					
UNC # 5-40	H2	2B	E0265-40	3.18	49.21	18.81	20.00	2	0.141 x 0.110	HSS-PM	ANSI	
				.125	1.937	.740	.787					
UNC # 6-32	H2	3B	E0266-32	3.51	50.80	15.08	7.90	2	0.141 x 0.110	HSS-PM	ANSI	
				.137	2.000	.593	.311					
UNC # 8-32	H2	3B	E0268-32	4.17	53.98	16.58	7.90	2	0.168 x 0.131	HSS-PM	ANSI	
				.164	2.125	.652	.311					
UNC # 10-24	H3	2B	E02610-24	4.83	60.32	21.42	12.70	2	0.194 x 0.152	HSS-PM	ANSI	
				.190	2.375	.843	.500					
UNC # 12-24	H3	2B	E02612-24	5.49	60.32	22.47	12.70	2	0.220 x 0.165	HSS-PM	ANSI	
				.215	2.375	.884	.500					
UNC 1/4-20	H3	3B	E0261/4	6.35	63.50	25.59	15.30	2	0.255 x 0.191	HSS-PM	ANSI	
				.250	2.500	1.007	.602					
UNC 1/4-20	H3	3B	E0261/43FL	6.35	63.50	25.59	15.30	3	0.255 x 0.191	HSS-PM	ANSI	
				.250	2.500	1.007	.602					
UNC 1/4-20	H11	2B	E0261/4H11	6.35	63.50	25.59	15.30	3	0.255 x 0.191	HSS-PM	ANSI	
				.250	2.500	1.007	.602					
UNC 5/16-18	H3	3B	E0265/16	7.94	69.06	30.20	18.20	2	0.318 x 0.238	HSS-PM	ANSI	
				.312	2.718	1.189	.717					
UNC 5/16-18	H3	3B	E0265/163FL	7.94	69.06	30.20	18.20	3	0.318 x 0.238	HSS-PM	ANSI	
				.312	2.718	1.189	.717					
UNC 5/16-18	H11	2B	E0265/16H11	7.94	69.06	30.20	18.20	3	0.318 x 0.238	HSS-PM	ANSI	
				.312	2.718	1.189	.717					
UNC 3/8-16	H3	3B	E0263/8	9.52	74.61	32.80	19.10	2	0.381 x 0.286	HSS-PM	ANSI	
				.375	2.937	1.291	.752					
UNC 3/8-16	H3	3B	E0263/83FL	9.52	74.61	32.80	19.10	3	0.381 x 0.286	HSS-PM	ANSI	
				.375	2.937	1.291	.752					
UNC 3/8-16	H11	2B	E0263/8H11	9.52	74.61	32.80	19.10	3	0.381 x 0.286	HSS-PM	ANSI	
				.375	2.937	1.291	.752					
UNC 7/16-14	H3	3B	E0267/16	11.11	80.17	52.77	23.00	3	0.323 x 0.242	HSS-PM	ANSI	
				.437	3.156	2.077	.906					
UNC 1/2-13	H3	3B	E0261/2	12.70	85.72	57.52	23.00	2	0.367 x 0.275	HSS-PM	ANSI	
				.500	3.375	2.264	.906					
UNC 1/2-13	H3	3B	E0261/23FL	12.70	85.72	57.52	23.00	3	0.367 x 0.275	HSS-PM	ANSI	
				.500	3.375	2.264	.906					
UNC 1/2-13	H11	2B	E0261/2H11	12.70	85.72	57.52	23.00	3	0.367 x 0.275	HSS-PM	ANSI	
				.500	3.375	2.264	.906					
UNC 9/16-12	H3	3B	E0269/16	14.29	91.28	61.58	25.00	3	0.429 x 0.322	HSS-PM	ANSI	
				.562	3.593	2.424	.984					

Para la explicación de los parámetros, véanse las páginas 1 y 7



300



248



276

CoroTap™ 200

E026

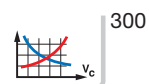
THFT
THCHT
ULDR (xTD)
COATING

UNC
B
2.5
ST



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC 5/8-11	H3	3B	E0265/8	15.88 .625	96.84 3.812	52.64 2.072	25.00 .984	3	0.480 x 0.360	HSS-PM	ANSI	
UNC 5/8-11	H11	2B	E0265/8H11	15.88 .625	96.84 3.812	52.64 2.072	25.00 .984	3	0.480 x 0.360	HSS-PM	ANSI	
UNC 3/4-10	H4	2B	E0263/4	19.05 .750	107.95 4.250	60.45 2.379	29.50 1.161	3	0.590 x 0.442	HSS-PM	ANSI	
UNC 7/8-9	H4	3B	E0267/8	22.22 .875	119.06 4.687	69.96 2.754	29.50 1.161	3	0.697 x 0.523	HSS-PM	ANSI	
UNC 1"-8	H4	3B	E0261	25.40 1.000	130.18 5.125	67.08 2.640	35.50 1.398	3	0.800 x 0.600	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 200

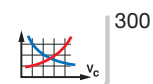
E020

THFT
THCHT
ULDR (xTD)UNC
B
2.5

P K N S

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 2-56	2B	E0202-56	2.18 .085	44.50 1.751	9.50 .374	9.50 .374	2	2.80 x 2.24	HSS-PM	ISO 529	
UNC # 4-40	2B	E0204-40	2.84 .112	48.00 1.889	14.00 .551	14.50 .571	3	3.15 x 2.50	HSS-PM	ISO 529	
UNC # 5-40	2B	E0205-40	3.18 .125	48.00 1.889	12.50 .492	14.50 .571	3	3.15 x 2.50	HSS-PM	ISO 529	
UNC # 6-32	2B	E0206-32	3.51 .137	50.00 1.968	16.00 .629	16.50 .650	3	3.55 x 2.80	HSS-PM	ISO 529	
UNC # 8-32	2B	E0208-32	4.17 .164	53.00 2.086	17.00 .669	9.50 .374	3	4.50 x 3.55	HSS-PM	ISO 529	
UNC # 10-24	2B	E02010-24	4.83 .190	58.00 2.283	20.00 .787	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529	
UNC # 12-24	2B	E02012-24	5.49 .215	62.00 2.440	21.00 .826	12.20 .480	3	5.60 x 4.50	HSS-PM	ISO 529	
UNC 1/4-20	2B	E0201/4	6.35 .250	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529	
UNC 5/16-18	2B	E0205/16	7.94 .312	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529	
UNC 3/8-16	2B	E0203/8	9.52 .375	80.00 3.149	32.00 1.259	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529	
UNC 7/16-14	2B	E0207/16	11.11 .437	85.00 3.346	61.00 2.401	19.50 .768	3	8.00 x 6.30	HSS-PM	ISO 529	
UNC 1/2-13	2B	E0201/2	12.70 .500	89.00 3.503	62.00 2.440	22.50 .886	3	9.00 x 7.10	HSS-PM	ISO 529	
UNC 5/8-11	2B	E0205/8	15.88 .625	102.00 4.015	59.00 2.322	24.50 .965	3	12.50 x 10.00	HSS-PM	ISO 529	
UNC 3/4-10	2B	E0203/4	19.05 .750	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
UNC 7/8-9	2B	E0207/8	22.22 .875	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529	
UNC 1"-8	2B	E0201	25.40 1.000	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E021

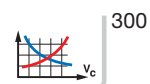
THFT
THCHT
ULDR (xTD)
COATING

UNC
B
2.5
ST



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 2-56	2B	E0212-56	2.18 .085	44.50 1.751	9.50 .374	9.50 .374	2	2.80 x 2.24	HSS-PM	ISO 529
UNC # 4-40	2B	E0214-40	2.84 .112	48.00 1.889	14.00 .551	14.50 .571	3	3.15 x 2.50	HSS-PM	ISO 529
UNC # 5-40	2B	E0215-40	3.18 .125	48.00 1.889	12.50 .492	14.50 .571	3	3.15 x 2.50	HSS-PM	ISO 529
UNC # 6-32	2B	E0216-32	3.51 .137	50.00 1.968	16.00 .629	16.50 .650	3	3.55 x 2.80	HSS-PM	ISO 529
UNC # 8-32	2B	E0218-32	4.17 .164	53.00 2.086	17.00 .669	9.50 .374	3	4.50 x 3.55	HSS-PM	ISO 529
UNC # 10-24	2B	E02110-24	4.83 .190	58.00 2.283	20.00 .787	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529
UNC # 12-24	2B	E02112-24	5.49 .215	62.00 2.440	21.00 .826	12.20 .480	3	5.60 x 4.50	HSS-PM	ISO 529
UNC 1/4-20	2B	E0211/4	6.35 .250	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529
UNC 5/16-18	2B	E0215/16	7.94 .312	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529
UNC 3/8-16	2B	E0213/8	9.52 .375	80.00 3.149	32.00 1.259	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529
UNC 7/16-14	2B	E0217/16	11.11 .437	85.00 3.346	61.00 2.401	19.50 .768	3	8.00 x 6.30	HSS-PM	ISO 529
UNC 1/2-13	2B	E0211/2	12.70 .500	89.00 3.503	62.00 2.440	22.50 .886	3	9.00 x 7.10	HSS-PM	ISO 529
UNC 5/8-11	2B	E0215/8	15.88 .625	102.00 4.015	59.00 2.322	24.50 .965	3	12.50 x 10.00	HSS-PM	ISO 529
UNC 3/4-10	2B	E0213/4	19.05 .750	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529
UNC 7/8-9	2B	E0217/8	22.22 .875	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529
UNC 1"-8	2B	E0211	25.40 1.000	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



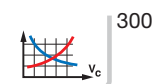
CoroTap™ 200

EP30

THFT
THCHT
ULDR (xTD)UNF
B
2.5

		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 8-36	2B	EP308-36	4.17 .164	63.00 2.480	21.00 .826	11.40 .449	3	4.50 x 3.40	HSS-PM	DIN 2184-1	
UNF # 10-32	2B	EP3010-32	4.83 .190	70.00 2.755	25.00 .984	12.20 .480	3	6.00 x 4.90	HSS-PM	DIN 2184-1	
UNF 1/4-28	2B	EP301/4	6.35 .250	80.00 3.149	30.00 1.181	14.10 .555	3	7.00 x 5.50	HSS-PM	DIN 2184-1	
UNF 5/16-24	2B	EP305/16	7.94 .312	90.00 3.543	35.00 1.377	17.40 .685	3	8.00 x 6.20	HSS-PM	DIN 2184-1	
UNF 3/8-24	2B	EP303/8	9.52 .375	100.00 3.937	39.00 1.535	18.90 .744	3	10.00 x 8.00	HSS-PM	DIN 2184-1	
UNF 7/16-20	2B	EP307/16	11.11 .437	100.00 3.937	76.00 2.992	20.00 .787	3	8.00 x 6.20	HSS-PM	DIN 2184-1	
UNF 1/2-20	2B	EP301/2	12.70 .500	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-PM	DIN 2184-1	
UNF 5/8-18	2B	EP305/8	15.88 .625	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-PM	DIN 2184-1	
UNF 3/4-16	2B	EP303/4	19.05 .750	125.00 4.921	81.00 3.188	30.00 1.181	4	14.00 x 11.00	HSS-E	DIN 2184-1	
UNF 7/8-14	2B	EP307/8	22.22 .875	140.00 5.511	93.00 3.661	34.00 1.339	4	18.00 x 14.50	HSS-E	DIN 2184-1	
UNF 1"-12	2B	EP301	25.40 1.000	160.00 6.299	113.00 4.448	38.00 1.496	4	18.00 x 14.50	HSS-E	DIN 2184-1	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP31

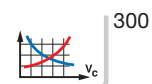
THFT
THCHT
ULDR (xTD)
COATING

UNF
B
2.5
ST



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF # 8-36	2B	EP318-36	4.17 .164	63.00 2.480	21.00 .826	11.40 .449	3	4.50 x 3.40	HSS-PM	DIN 2184-1
UNF # 10-32	2B	EP3110-32	4.83 .190	70.00 2.755	25.00 .984	12.20 .480	3	6.00 x 4.90	HSS-PM	DIN 2184-1
UNF 1/4-28	2B	EP311/4	6.35 .250	80.00 3.149	30.00 1.181	14.10 .555	3	7.00 x 5.50	HSS-PM	DIN 2184-1
UNF 5/16-24	2B	EP315/16	7.94 .312	90.00 3.543	35.00 1.377	17.40 .685	3	8.00 x 6.20	HSS-PM	DIN 2184-1
UNF 3/8-24	2B	EP313/8	9.52 .375	100.00 3.937	39.00 1.535	18.90 .744	3	10.00 x 8.00	HSS-PM	DIN 2184-1
UNF 7/16-20	2B	EP317/16	11.11 .437	100.00 3.937	76.00 2.992	20.00 .787	3	8.00 x 6.20	HSS-PM	DIN 2184-1
UNF 1/2-20	2B	EP311/2	12.70 .500	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-PM	DIN 2184-1
UNF 5/8-18	2B	EP315/8	15.88 .625	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-PM	DIN 2184-1
UNF 3/4-16	2B	EP313/4	19.05 .750	125.00 4.921	81.00 3.188	30.00 1.181	4	14.00 x 11.00	HSS-E	DIN 2184-1
UNF 7/8-14	2B	EP317/8	22.22 .875	140.00 5.511	93.00 3.661	34.00 1.339	4	18.00 x 14.50	HSS-E	DIN 2184-1
UNF 1"-12	2B	EP311	25.40 1.000	160.00 6.299	113.00 4.448	38.00 1.496	4	18.00 x 14.50	HSS-E	DIN 2184-1

Para la explicación de los parámetros, véanse las páginas 1 y 7.



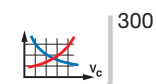
CoroTap™ 200

E035

THFT
THCHT
ULDR (xTD)UNF
B
2.5

			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNS 1"-14	H4	3B	E0351-14	25.40 <i>1.000</i>	130.18 <i>5.125</i>	65.58 <i>2.581</i>	35.50 <i>1.398</i>	3	0.800 x 0.600	HSS-PM	ANSI	
UNF # 6-40	H2	2B	E0356-40	3.51 <i>.137</i>	50.80 <i>2.000</i>	15.08 <i>.593</i>	7.90 <i>.311</i>	2	0.141 x 0.110	HSS-PM	ANSI	
UNF # 8-36	H2	2B	E0358-36	4.17 <i>.164</i>	53.98 <i>2.125</i>	16.58 <i>.652</i>	7.90 <i>.311</i>	2	0.168 x 0.131	HSS-PM	ANSI	
UNF # 10-32	H2	3B	E03510-32	4.83 <i>.190</i>	60.32 <i>2.375</i>	21.42 <i>.843</i>	12.70 <i>.500</i>	2	0.194 x 0.152	HSS-PM	ANSI	
UNF # 12-28	H3	2B	E03512-28	5.49 <i>.215</i>	60.32 <i>2.375</i>	22.47 <i>.884</i>	12.70 <i>.500</i>	2	0.220 x 0.165	HSS-PM	ANSI	
UNF 1/4-28	H3	3B	E0351/4	6.35 <i>.250</i>	63.50 <i>2.500</i>	25.59 <i>1.007</i>	15.30 <i>.602</i>	2	0.255 x 0.191	HSS-PM	ANSI	
UNF 1/4-28	H3	3B	E0351/43FL	6.35 <i>.250</i>	63.50 <i>2.500</i>	25.59 <i>1.007</i>	15.30 <i>.602</i>	3	0.255 x 0.191	HSS-PM	ANSI	
UNF 5/16-24	H3	3B	E0355/16	7.94 <i>.312</i>	69.06 <i>2.718</i>	30.20 <i>1.189</i>	18.20 <i>.717</i>	2	0.318 x 0.238	HSS-PM	ANSI	
UNF 5/16-24	H3	3B	E0355/163FL	7.94 <i>.312</i>	69.06 <i>2.718</i>	30.20 <i>1.189</i>	18.20 <i>.717</i>	3	0.318 x 0.238	HSS-PM	ANSI	
UNF 3/8-24	H3	3B	E0353/8	9.52 <i>.375</i>	74.61 <i>2.937</i>	32.80 <i>1.291</i>	19.10 <i>.752</i>	2	0.381 x 0.286	HSS-PM	ANSI	
UNF 3/8-24	H3	3B	E0353/83FL	9.52 <i>.375</i>	74.61 <i>2.937</i>	32.80 <i>1.291</i>	19.10 <i>.752</i>	3	0.381 x 0.286	HSS-PM	ANSI	
UNF 7/16-20	H3	3B	E0357/163FL	11.11 <i>.437</i>	80.17 <i>3.156</i>	52.77 <i>2.077</i>	23.00 <i>.906</i>	3	0.323 x 0.242	HSS-PM	ANSI	
UNF 1/2-20	H3	3B	E0351/2	12.70 <i>.500</i>	85.72 <i>3.375</i>	57.52 <i>2.264</i>	23.00 <i>.906</i>	2	0.367 x 0.275	HSS-PM	ANSI	
UNF 1/2-20	H3	3B	E0351/23FL	12.70 <i>.500</i>	85.72 <i>3.375</i>	31.75 <i>1.250</i>	23.00 <i>.906</i>	3	0.367 x 0.275	HSS-PM	ANSI	
UNF 9/16-18	H3	3B	E0359/16	14.29 <i>.562</i>	91.28 <i>3.593</i>	61.58 <i>2.424</i>	25.00 <i>.984</i>	3	0.429 x 0.322	HSS-PM	ANSI	
UNF 5/8-18	H3	3B	E0355/8	15.88 <i>.625</i>	96.84 <i>3.812</i>	52.64 <i>2.072</i>	25.00 <i>.984</i>	3	0.480 x 0.360	HSS-PM	ANSI	
UNF 3/4-16	H3	3B	E0353/4	19.05 <i>.750</i>	107.95 <i>4.250</i>	60.45 <i>2.379</i>	29.50 <i>1.161</i>	3	0.590 x 0.442	HSS-PM	ANSI	
UNF 7/8-14	H4	3B	E0357/8	22.22 <i>.875</i>	119.06 <i>4.687</i>	69.96 <i>2.754</i>	29.50 <i>1.161</i>	3	0.697 x 0.523	HSS-PM	ANSI	
UNF 1"-12	H4	3B	E0351-12	25.40 <i>1.000</i>	130.18 <i>5.125</i>	65.58 <i>2.581</i>	35.50 <i>1.398</i>	3	0.800 x 0.600	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 200

E036

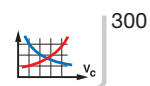
THFT
THCHT
ULDR (xTD)
COATING

UNF
B
2.5
ST



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNS 1"-14	H4	3B	E0361-14	25.40 <i>1.000</i>	130.18 <i>5.125</i>	65.58 <i>2.581</i>	35.50 <i>1.398</i>	3	0.800 x 0.600	HSS-PM	ANSI	
UNF # 10-32	H2	3B	E03610-32	4.83 <i>.190</i>	60.32 <i>2.375</i>	21.42 <i>.843</i>	12.70 <i>.500</i>	2	0.194 x 0.152	HSS-PM	ANSI	
UNF # 12-28	H3	2B	E03612-28	5.49 <i>.215</i>	60.32 <i>2.375</i>	22.47 <i>.884</i>	12.70 <i>.500</i>	2	0.220 x 0.165	HSS-PM	ANSI	
UNF 1/4-28	H3	3B	E0361/4	6.35 <i>.250</i>	63.50 <i>2.500</i>	25.59 <i>1.007</i>	15.30 <i>.602</i>	2	0.255 x 0.191	HSS-PM	ANSI	
UNF 1/4-28	H3	3B	E0361/43FL	6.35 <i>.250</i>	63.50 <i>2.500</i>	25.59 <i>1.007</i>	15.30 <i>.602</i>	3	0.255 x 0.191	HSS-PM	ANSI	
UNF 5/16-24	H3	3B	E0365/16	7.94 <i>.312</i>	69.06 <i>2.718</i>	30.20 <i>1.189</i>	18.20 <i>.717</i>	2	0.318 x 0.238	HSS-PM	ANSI	
UNF 5/16-24	H3	3B	E0365/163FL	7.94 <i>.312</i>	69.06 <i>2.718</i>	30.20 <i>1.189</i>	18.20 <i>.717</i>	3	0.318 x 0.238	HSS-PM	ANSI	
UNF 3/8-24	H3	3B	E0363/8	9.52 <i>.375</i>	74.61 <i>2.937</i>	32.80 <i>1.291</i>	19.10 <i>.752</i>	2	0.381 x 0.286	HSS-PM	ANSI	
UNF 3/8-24	H3	3B	E0363/83FL	9.52 <i>.375</i>	74.61 <i>2.937</i>	32.80 <i>1.291</i>	19.10 <i>.752</i>	3	0.381 x 0.286	HSS-PM	ANSI	
UNF 7/16-20	H3	3B	E0367/163FL	11.11 <i>.437</i>	80.17 <i>3.156</i>	52.77 <i>2.077</i>	23.00 <i>.906</i>	3	0.323 x 0.242	HSS-PM	ANSI	
UNF 1/2-20	H3	3B	E0361/2	12.70 <i>.500</i>	85.72 <i>3.375</i>	57.52 <i>2.264</i>	23.00 <i>.906</i>	2	0.367 x 0.275	HSS-PM	ANSI	
UNF 1/2-20	H3	3B	E0361/23FL	12.70 <i>.500</i>	85.72 <i>3.375</i>	57.52 <i>2.264</i>	23.00 <i>.906</i>	3	0.367 x 0.275	HSS-PM	ANSI	
UNF 9/16-18	H3	3B	E0369/16	14.29 <i>.562</i>	91.28 <i>3.593</i>	61.58 <i>2.424</i>	25.00 <i>.984</i>	3	0.429 x 0.322	HSS-PM	ANSI	
UNF 5/8-18	H3	3B	E0365/8	15.88 <i>.625</i>	96.84 <i>3.812</i>	52.64 <i>2.072</i>	25.00 <i>.984</i>	3	0.480 x 0.360	HSS-PM	ANSI	
UNF 3/4-16	H3	3B	E0363/4	19.05 <i>.750</i>	107.95 <i>4.250</i>	60.45 <i>2.379</i>	29.50 <i>1.161</i>	3	0.590 x 0.442	HSS-PM	ANSI	
UNF 7/8-14	H4	3B	E0367/8	22.22 <i>.875</i>	119.06 <i>4.687</i>	69.96 <i>2.754</i>	29.50 <i>1.161</i>	3	0.697 x 0.523	HSS-PM	ANSI	
UNF 1"-12	H4	3B	E0361-12	25.40 <i>1.000</i>	130.18 <i>5.125</i>	65.58 <i>2.581</i>	35.50 <i>1.398</i>	3	0.800 x 0.600	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 200

E030

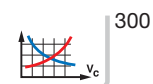
THFT
THCHT
ULDR (xTD)

UNF
B
2.5



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF # 8-36	2B	E0308-36	4.17 .164	53.00 2.086	17.00 .669	9.50 .374	3	4.50 x 3.55	HSS-PM	ISO 529
UNF # 10-32	2B	E03010-32	4.83 .190	58.00 2.283	20.00 .787	11.20 .441	3	5.00 x 4.00	HSS-PM	ISO 529
UNF 1/4-28	2B	E0301/4	6.35 .250	66.00 2.598	26.00 1.023	13.20 .520	3	6.30 x 5.00	HSS-PM	ISO 529
UNF 5/16-24	2B	E0305/16	7.94 .312	72.00 2.834	29.00 1.141	16.30 .642	3	8.00 x 6.30	HSS-PM	ISO 529
UNF 3/8-24	2B	E0303/8	9.52 .375	80.00 3.149	32.00 1.259	18.10 .713	3	10.00 x 8.00	HSS-PM	ISO 529
UNF 7/16-20	2B	E0307/16	11.11 .437	85.00 3.346	61.00 2.401	19.50 .768	3	8.00 x 6.30	HSS-PM	ISO 529
UNF 1/2-20	2B	E0301/2	12.70 .500	89.00 3.503	62.00 2.440	22.50 .886	3	9.00 x 7.10	HSS-PM	ISO 529
UNF 9/16-18	2B	E0309/16	14.29 .562	95.00 3.740	66.00 2.598	24.50 .965	3	11.20 x 9.00	HSS-PM	ISO 529
UNF 5/8-18	2B	E0305/8	15.88 .625	102.00 4.015	59.00 2.322	24.50 .965	3	12.50 x 10.00	HSS-PM	ISO 529
UNF 3/4-16	2B	E0303/4	19.05 .750	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529
UNF 7/8-14	2B	E0307/8	22.22 .875	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529
UNF 1"-12	2B	E0301	25.40 1.000	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

E031

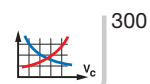
THFT
THCHT
ULDR (xTD)
COATING

UNF
B
2.5
ST



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF # 8-36	2B	E0318-36	4.17	53.00	17.00	9.50	3	4.50 x 3.55	HSS-PM	ISO 529
			.164	2.086	.669	.374				
UNF # 10-32	2B	E03110-32	4.83	58.00	20.00	11.20	3	5.00 x 4.00	HSS-PM	ISO 529
			.190	2.283	.787	.441				
UNF 1/4-28	2B	E0311/4	6.35	66.00	26.00	13.20	3	6.30 x 5.00	HSS-PM	ISO 529
			.250	2.598	1.023	.520				
UNF 5/16-24	2B	E0315/16	7.94	72.00	29.00	16.30	3	8.00 x 6.30	HSS-PM	ISO 529
			.312	2.834	1.141	.642				
UNF 3/8-24	2B	E0313/8	9.52	80.00	32.00	18.10	3	10.00 x 8.00	HSS-PM	ISO 529
			.375	3.149	1.259	.713				
UNF 7/16-20	2B	E0317/16	11.11	85.00	61.00	19.50	3	8.00 x 6.30	HSS-PM	ISO 529
			.437	3.346	2.401	.768				
UNF 1/2-20	2B	E0311/2	12.70	89.00	62.00	22.50	3	9.00 x 7.10	HSS-PM	ISO 529
			.500	3.503	2.440	.886				
UNF 9/16-18	2B	E0319/16	14.29	95.00	66.00	24.50	3	11.20 x 9.00	HSS-PM	ISO 529
			.562	3.740	2.598	.965				
UNF 5/8-18	2B	E0315/8	15.88	102.00	59.00	24.50	3	12.50 x 10.00	HSS-PM	ISO 529
			.625	4.015	2.322	.965				
UNF 3/4-16	2B	E0313/4	19.05	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529
			.750	4.409	2.677	1.161				
UNF 7/8-14	2B	E0317/8	22.22	118.00	72.00	29.50	4	16.00 x 12.50	HSS-PM	ISO 529
			.875	4.645	2.834	1.161				
UNF 1"-12	2B	E0311	25.40	130.00	82.00	35.50	4	18.00 x 14.00	HSS-PM	ISO 529
			1.000	5.118	3.228	1.398				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP40

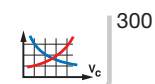
THFT
THCHT
ULDR (xTD)

G
B
2.5



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
G 1/8-28	NORMAL	EP401/8	9.73 .382	90.00 3.543	67.00 2.637	17.60 .693	3	7.00 x 5.50	HSS-PM	DIN 5156
G 1/4-19	NORMAL	EP401/4	13.16 .517	100.00 3.937	71.00 2.795	21.00 .827	3	11.00 x 9.00	HSS-PM	DIN 5156
G 3/8-19	NORMAL	EP403/8	16.66 .655	100.00 3.937	58.00 2.283	21.00 .827	4	12.00 x 9.00	HSS-PM	DIN 5156
G 1/2-14	NORMAL	EP401/2	20.96 .825	125.00 4.921	80.00 3.149	24.00 .945	4	16.00 x 12.00	HSS-PM	DIN 5156
G 5/8-14	NORMAL	EP405/8	22.91 .902	125.00 4.921	78.00 3.070	24.00 .945	4	18.00 x 14.50	HSS-PM	DIN 5156
G 3/4-14	NORMAL	EP403/4	26.44 1.040	140.00 5.511	77.00 3.031	28.00 1.102	4	20.00 x 16.00	HSS-PM	DIN 5156
G 7/8-14	NORMAL	EP407/8	30.20 1.189	150.00 5.905	85.00 3.346	28.00 1.102	4	22.00 x 18.00	HSS-PM	DIN 5156
G 1"-11	NORMAL	EP401	33.25 1.309	160.00 6.299	93.00 3.661	30.00 1.181	4	25.00 x 20.00	HSS-PM	DIN 5156

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 200

EP41

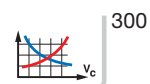
THFT
THCHT
ULDR (xTD)
COATING

G
B
2.5
ST



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
G 1/8-28	NORMAL	EP411/8	9.73 .382	90.00 3.543	67.00 2.637	17.60 .693	3	7.00 x 5.50	HSS-PM	DIN 5156
G 1/4-19	NORMAL	EP411/4	13.16 .517	100.00 3.937	71.00 2.795	21.00 .827	3	11.00 x 9.00	HSS-PM	DIN 5156
G 3/8-19	NORMAL	EP413/8	16.66 .655	100.00 3.937	58.00 2.283	21.00 .827	4	12.00 x 9.00	HSS-PM	DIN 5156
G 1/2-14	NORMAL	EP411/2	20.96 .825	125.00 4.921	80.00 3.149	24.00 .945	4	16.00 x 12.00	HSS-PM	DIN 5156
G 5/8-14	NORMAL	EP415/8	22.91 .902	125.00 4.921	78.00 3.070	24.00 .945	4	18.00 x 14.50	HSS-PM	DIN 5156
G 3/4-14	NORMAL	EP413/4	26.44 1.040	140.00 5.511	77.00 3.031	28.00 1.102	4	20.00 x 16.00	HSS-PM	DIN 5156
G 7/8-14	NORMAL	EP417/8	30.20 1.189	150.00 5.905	85.00 3.346	28.00 1.102	4	22.00 x 18.00	HSS-PM	DIN 5156
G 1"-11	NORMAL	EP411	33.25 1.309	160.00 6.299	93.00 3.661	30.00 1.181	4	25.00 x 20.00	HSS-PM	DIN 5156

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E207

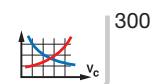
FHA
THFT
THCHT
ULDR (xTD)

15
M
C
1.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M2	0.40	6H	E207M2	2.00 .078	45.00 1.771	9.00 .354	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M2.5	0.45	6H	E207M2.5	2.50 .098	50.00 1.968	12.50 .492	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M3	0.50	6H	E207M3	3.00 .118	56.00 2.204	18.00 .708	9.00 .354	3	3.50 x 2.70	HSS-E	DIN 371	
M3.5	0.60	6H	E207M3.5	3.50 .137	56.00 2.204	20.00 .787	11.00 .433	3	4.00 x 3.00	HSS-E	DIN 371	
M4	0.70	6H	E207M4	4.00 .157	63.00 2.480	21.00 .826	12.00 .472	3	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E207M5	5.00 .196	70.00 2.755	25.00 .984	13.00 .512	3	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E207M6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	3	6.00 x 4.90	HSS-E	DIN 371	
M7	1.00	6H	E207M7	7.00 .275	80.00 3.149	30.00 1.181	15.00 .591	3	7.00 x 5.50	HSS-E	DIN 371	
M8	1.25	6H	E207M8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	3	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E207M10	10.00 .393	100.00 3.937	39.00 1.535	20.10 .791	3	10.00 x 8.00	HSS-E	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

E212

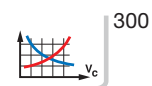
FHA
THFT
THCHT
ULDR (xTD)
COATING

15
M
C
1.5
TiN



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E212M3	3.00 .118	56.00 2.204	18.00 .708	9.00 .354	3	3.50 x 2.70	HSS-E	DIN 371	
M4	0.70	6H	E212M4	4.00 .157	63.00 2.480	21.00 .826	11.00 .433	3	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E212M5	5.00 .196	70.00 2.755	25.00 .984	13.00 .512	3	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E212M6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	3	6.00 x 4.90	HSS-E	DIN 371	
M8	1.25	6H	E212M8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	3	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E212M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	3	10.00 x 8.00	HSS-E	DIN 371	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E258

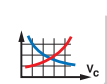
FHA
THFT
THCHT
ULDR (xTD)

15
M
C
1.5



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M4	0.70	6H	E258M4	4.00 .157	63.00 2.480	43.00 1.692	12.00 .472	3	2.80 x 2.10	HSS-E	DIN 376
M5	0.80	6H	E258M5	5.00 .196	70.00 2.755	49.00 1.929	13.00 .512	3	3.50 x 2.70	HSS-E	DIN 376
M6	1.00	6H	E258M6	6.00 .236	80.00 3.149	59.00 2.322	15.00 .591	3	4.50 x 3.40	HSS-E	DIN 376
M8	1.25	6H	E258M8	8.00 .314	90.00 3.543	67.00 2.637	18.00 .709	3	6.00 x 4.90	HSS-E	DIN 376
M10	1.50	6H	E258M10	10.00 .393	100.00 3.937	77.00 3.031	20.00 .787	3	7.00 x 5.50	HSS-E	DIN 376
M12	1.75	6H	E258M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-E	DIN 376
M14	2.00	6H	E258M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	3	11.00 x 9.00	HSS-E	DIN 376
M16	2.00	6H	E258M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-E	DIN 376
M18	2.50	6H	E258M18	18.00 .708	125.00 4.921	81.00 3.188	30.00 1.181	3	14.00 x 11.00	HSS-E	DIN 376
M20	2.50	6H	E258M20	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	3	16.00 x 12.00	HSS-E	DIN 376
M22	2.50	6H	E258M22	22.00 .866	140.00 5.511	93.00 3.661	34.00 1.339	4	18.00 x 14.50	HSS-E	DIN 376
M24	3.00	6H	E258M24	24.00 .944	160.00 6.299	113.00 4.448	38.00 1.496	4	18.00 x 14.50	HSS-E	DIN 376
M27	3.00	6H	E258M27	27.00 1.062	160.00 6.299	97.00 3.818	38.00 1.496	4	20.00 x 16.00	HSS-E	DIN 376
M30	3.50	6H	E258M30	30.00 1.181	180.00 7.086	115.00 4.527	45.00 1.772	4	22.00 x 18.00	HSS-E	DIN 376
M33	3.50	6H	E258M33	33.00 1.299	180.00 7.086	113.00 4.448	50.00 1.968	4	25.00 x 20.00	HSS-E	DIN 376
M36	4.00	6H	E258M36	36.00 1.417	200.00 7.874	131.00 5.157	55.00 2.165	4	28.00 x 22.00	HSS-E	DIN 376

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

E263

FHA
THFT
THCHT
ULDR (xTD)
COATING

15
M
C
1.5
TiN



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M12	1.75	6H	E263M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	3	9.00 x 7.00	HSS-E	DIN 376
M14	2.00	6H	E263M14	14.00 .551	110.00 4.330	81.00 3.188	25.00 .984	3	11.00 x 9.00	HSS-E	DIN 376
M16	2.00	6H	E263M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	3	12.00 x 9.00	HSS-E	DIN 376
M18	2.50	6H	E263M18	18.00 .708	125.00 4.921	81.00 3.188	30.00 1.181	3	14.00 x 11.00	HSS-E	DIN 376
M20	2.50	6H	E263M20	20.00 .787	140.00 5.511	95.00 3.740	30.00 1.181	3	16.00 x 12.00	HSS-E	DIN 376
M22	2.50	6H	E263M22	22.00 .866	140.00 5.511	93.00 3.661	34.00 1.339	4	18.00 x 14.50	HSS-E	DIN 376
M24	3.00	6H	E263M24	24.00 .944	160.00 6.299	113.00 4.448	38.00 1.496	4	18.00 x 14.50	HSS-E	DIN 376
M27	3.00	6H	E263M27	27.00 1.062	160.00 6.299	97.00 3.818	38.00 1.496	4	20.00 x 16.00	HSS-E	DIN 376
M30	3.50	6H	E263M30	30.00 1.181	180.00 7.086	115.00 4.527	45.00 1.772	4	22.00 x 18.00	HSS-E	DIN 376
M33	3.50	6H	E263M33	33.00 1.299	180.00 7.086	113.00 4.448	50.00 1.968	4	25.00 x 20.00	HSS-E	DIN 376
M36	4.00	6H	E263M36	36.00 1.417	200.00 7.874	131.00 5.157	55.00 2.165	4	28.00 x 22.00	HSS-E	DIN 376

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

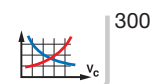
E195

FHA
THFT
THCHT
ULDR (xTD) 40
M
C
2.0



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E195M3	3.00	56.00	18.00	5.90	3	3.50 x 2.70	HSS-E	DIN 371	
				.118	2.204	.708	.232					
M4	0.70	6H	E195M4	4.00	63.00	21.00	6.70	3	4.50 x 3.40	HSS-E	DIN 371	
				.157	2.480	.826	.264					
M5	0.80	6H	E195M5	5.00	70.00	25.00	7.70	3	6.00 x 4.90	HSS-E	DIN 371	
				.196	2.755	.984	.303					
M6	1.00	6H	E195M6	6.00	80.00	30.00	10.00	3	6.00 x 4.90	HSS-E	DIN 371	
				.236	3.149	1.181	.394					
M8	1.25	6H	E195M8	8.00	90.00	35.00	11.60	3	8.00 x 6.20	HSS-E	DIN 371	
				.314	3.543	1.377	.457					
M10	1.50	6H	E195M10	10.00	100.00	39.00	15.10	3	10.00 x 8.00	HSS-E	DIN 371	
				.393	3.937	1.535	.594					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E245

FHA 40
 THFT M
 THCHT C
 ULDR (xTD) 2.0



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M12	1.75	6H	E245M12	12.00	110.00	83.00	23.00	3	9.00 x 7.00	HSS-E	DIN 376
				.472	4.330	3.267	.906				
M14	2.00	6H	E245M14	14.00	110.00	81.00	25.00	3	11.00 x 9.00	HSS-E	DIN 376
				.551	4.330	3.188	.984				
M16	2.00	6H	E245M16	16.00	110.00	68.00	20.00	3	12.00 x 9.00	HSS-E	DIN 376
				.629	4.330	2.677	.787				
M18	2.50	6H	E245M18	18.00	125.00	81.00	25.00	4	14.00 x 11.00	HSS-E	DIN 376
				.708	4.921	3.188	.984				
M20	2.50	6H	E245M20	20.00	140.00	95.00	25.00	4	16.00 x 12.00	HSS-E	DIN 376
				.787	5.511	3.740	.984				
M22	2.50	6H	E245M22	22.00	140.00	93.00	25.00	4	18.00 x 14.50	HSS-E	DIN 376
				.866	5.511	3.661	.984				
M24	3.00	6H	E245M24	24.00	160.00	113.00	30.00	4	18.00 x 14.50	HSS-E	DIN 376
				.944	6.299	4.448	1.181				
M30	3.50	6H	E245M30	30.00	180.00	115.00	35.00	4	22.00 x 18.00	HSS-E	DIN 376
				1.181	7.086	4.527	1.378				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

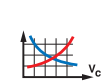
EX006H

FHA
THFT
THCHT
ULDR (xTD)45
M
C
2.5

PNS

TDZ	TP	TCTR	Código de pedido	Dimensiones, mm, pulgadas							
				TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M2	0.40	6H	EX00M2	2.00	45.00	9.00	4.00	3	2.80 x 2.10	HSS-E	DIN 371
				.078	1.771	.354	.157				
M2.5	0.45	6H	EX00M2.5	2.50	50.00	12.50	4.00	3	2.80 x 2.10	HSS-E	DIN 371
				.098	1.968	.492	.157				
M3	0.50	6H	EX00M3	3.00	56.00	18.00	5.90	3	3.50 x 2.70	HSS-PM	DIN 371
				.118	2.204	.708	.232				
M3.5	0.60	6H	EX00M3.5	3.50	56.00	20.00	6.30	3	4.00 x 3.00	HSS-PM	DIN 371
				.137	2.204	.787	.248				
M4	0.70	6H	EX00M4	4.00	63.00	21.00	6.70	3	4.50 x 3.40	HSS-PM	DIN 371
				.157	2.480	.826	.264				
M5	0.80	6H	EX00M5	5.00	70.00	21.00	7.70	3	6.00 x 4.90	HSS-PM	DIN 371
				.196	2.755	.826	.303				
M6	1.00	6H	EX00M6	6.00	80.00	31.00	10.00	3	6.00 x 4.90	HSS-PM	DIN 371
				.236	3.149	1.220	.394				
M6	1.00	6H	EX00M6DIN376	6.00	80.00	59.00	10.00	3	4.50 x 3.40	HSS-PM	DIN 376
				.236	3.149	2.322	.394				
M7	1.00	6H	EX00M7	7.00	80.00	31.00	10.00	3	7.00 x 5.50	HSS-PM	DIN 371
				.275	3.149	1.220	.394				
M8	1.25	6H	EX00M8	8.00	90.00	35.00	11.60	3	8.00 x 6.20	HSS-PM	DIN 371
				.314	3.543	1.377	.457				
M8	1.25	6H	EX00M8DIN376	8.00	90.00	67.00	13.00	3	6.00 x 4.90	HSS-PM	DIN 376
				.314	3.543	2.637	.512				
M10	1.50	6H	EX00M10	10.00	100.00	39.00	15.10	3	10.00 x 8.00	HSS-PM	DIN 371
				.393	3.937	1.535	.594				
M10	1.50	6H	EX00M10DIN376	10.00	100.00	77.00	15.00	3	7.00 x 5.50	HSS-PM	DIN 376
				.393	3.937	3.031	.591				
M12	1.75	6H	EX00M12	12.00	110.00	83.00	16.00	3	9.00 x 7.00	HSS-PM	DIN 376
				.472	4.330	3.267	.630				
M14	2.00	6H	EX00M14	14.00	110.00	81.00	20.00	3	11.00 x 9.00	HSS-PM	DIN 376
				.551	4.330	3.188	.787				
M16	2.00	6H	EX00M16	16.00	110.00	68.00	20.00	4	12.00 x 9.00	HSS-PM	DIN 376
				.629	4.330	2.677	.787				
M18	2.50	6H	EX00M18	18.00	125.00	81.00	25.00	4	14.00 x 11.00	HSS-E	DIN 376
				.708	4.921	3.188	.984				
M20	2.50	6H	EX00M20	20.00	140.00	95.00	25.00	4	16.00 x 12.00	HSS-E	DIN 376
				.787	5.511	3.740	.984				
M22	2.50	6H	EX00M22	22.00	140.00	93.00	25.00	4	18.00 x 14.50	HSS-E	DIN 376
				.866	5.511	3.661	.984				
M24	3.00	6H	EX00M24	24.00	160.00	113.00	30.00	4	18.00 x 14.50	HSS-E	DIN 376
				.944	6.299	4.448	1.181				
M27	3.00	6H	EX00M27	27.00	160.00	97.00	30.00	4	20.00 x 16.00	HSS-E	DIN 376
				1.062	6.299	3.818	1.181				

Para la explicación de los parámetros, véanse las páginas 1 y 7



300



248

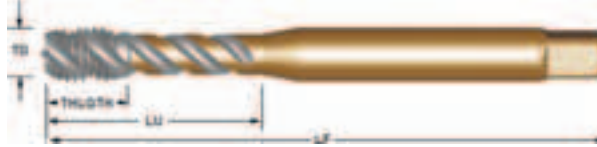


276

CoroTap™ 300

EX006H

FHA 45
 THFT M
 THCHT C
 ULDR (xTD) 2.5



TDZ	TP	TCTR	Código de pedido	Dimensiones, mm, pulgadas							
				TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M30	3.50	6H	EX00M30	30.00	180.00	115.00	36.00	4	22.00 x 18.00	HSS-E	DIN 376
				<i>1.181</i>	<i>7.086</i>	<i>4.527</i>	<i>1.417</i>				
M33	3.50	6H	EX00M33	33.00	180.00	113.00	36.00	4	25.00 x 20.00	HSS-E	DIN 376
				<i>1.299</i>	<i>7.086</i>	<i>4.448</i>	<i>1.417</i>				
M36	4.00	6H	EX00M36	36.00	200.00	131.00	40.00	4	28.00 x 22.00	HSS-E	DIN 376
				<i>1.417</i>	<i>7.874</i>	<i>5.157</i>	<i>1.575</i>				
M39	4.00	6H	EX00M39	39.00	200.00	102.00	40.00	4	32.00 x 24.00	HSS-E	DIN 376
				<i>1.535</i>	<i>7.874</i>	<i>4.015</i>	<i>1.575</i>				
M42	4.50	6H	EX00M42	42.00	200.00	102.00	45.00	4	32.00 x 24.00	HSS-E	DIN 376
				<i>1.653</i>	<i>7.874</i>	<i>4.015</i>	<i>1.772</i>				
M48	5.00	6H	EX00M48	48.00	250.00	147.00	50.00	4	36.00 x 29.00	HSS-E	DIN 376
				<i>1.889</i>	<i>9.842</i>	<i>5.787</i>	<i>1.968</i>				
M52	5.00	6H	EX00M52	52.00	250.00	120.00	50.00	5	40.00 x 32.00	HSS-E	DIN 376
				<i>2.047</i>	<i>9.842</i>	<i>4.724</i>	<i>1.968</i>				
M56	5.50	6H	EX00M56	56.00	250.00	120.00	55.00	5	40.00 x 32.00	HSS-E	DIN 376
				<i>2.204</i>	<i>9.842</i>	<i>4.724</i>	<i>2.165</i>				
M64	6.00	6H	EX00M64	64.00	315.00	178.00	60.00	6	50.00 x 39.00	HSS-E	DIN 376
				<i>2.519</i>	<i>12.401</i>	<i>7.007</i>	<i>2.362</i>				

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 300

EX016H

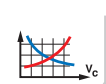
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
M
C
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M2	0.40	6H	EX01M2	2.00 .078	45.00 1.771	9.00 .354	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M2.5	0.45	6H	EX01M2.5	2.50 .098	50.00 1.968	12.50 .492	4.00 .157	3	2.80 x 2.10	HSS-E	DIN 371	
M3	0.50	6H	EX01M3	3.00 .118	56.00 2.204	18.00 .708	5.90 .232	3	3.50 x 2.70	HSS-PM	DIN 371	
M3.5	0.60	6H	EX01M3.5	3.50 .137	56.00 2.204	20.00 .787	6.30 .248	3	4.00 x 3.00	HSS-PM	DIN 371	
M4	0.70	6H	EX01M4	4.00 .157	63.00 2.480	21.00 .826	6.70 .264	3	4.50 x 3.40	HSS-PM	DIN 371	
M5	0.80	6H	EX01M5	5.00 .196	70.00 2.755	25.00 .984	7.70 .303	3	6.00 x 4.90	HSS-PM	DIN 371	
M6	1.00	6H	EX01M6	6.00 .236	80.00 3.149	31.00 1.220	10.00 .394	3	6.00 x 4.90	HSS-PM	DIN 371	
M6	1.00	6H	EX01M6DIN376	6.00 .236	80.00 3.149	59.00 2.322	10.00 .394	3	4.50 x 3.40	HSS-PM	DIN 376	
M7	1.00	6H	EX01M7	7.00 .275	80.00 3.149	31.00 1.220	10.00 .394	3	7.00 x 5.50	HSS-PM	DIN 371	
M8	1.25	6H	EX01M8	8.00 .314	90.00 3.543	35.00 1.377	11.60 .457	3	8.00 x 6.20	HSS-PM	DIN 371	
M8	1.25	6H	EX01M8DIN376	8.00 .314	90.00 3.543	67.00 2.637	13.00 .512	3	6.00 x 4.90	HSS-PM	DIN 376	
M10	1.50	6H	EX01M10	10.00 .393	100.00 3.937	39.00 1.535	15.10 .594	3	10.00 x 8.00	HSS-PM	DIN 371	
M10	1.50	6H	EX01M10DIN376	10.00 .393	100.00 3.937	77.00 3.031	15.00 .591	3	7.00 x 5.50	HSS-PM	DIN 376	
M12	1.75	6H	EX01M12	12.00 .472	110.00 4.330	83.00 3.267	16.00 .630	3	9.00 x 7.00	HSS-PM	DIN 376	
M14	2.00	6H	EX01M14	14.00 .551	110.00 4.330	81.00 3.188	20.00 .787	3	11.00 x 9.00	HSS-PM	DIN 376	
M16	2.00	6H	EX01M16	16.00 .629	110.00 4.330	68.00 2.677	20.00 .787	4	12.00 x 9.00	HSS-PM	DIN 376	
M18	2.50	6H	EX01M18	18.00 .708	125.00 4.921	81.00 3.188	25.00 .984	4	14.00 x 11.00	HSS-E	DIN 376	
M20	2.50	6H	EX01M20	20.00 .787	140.00 5.511	95.00 3.740	25.00 .984	4	16.00 x 12.00	HSS-E	DIN 376	
M22	2.50	6H	EX01M22	22.00 .866	140.00 5.511	93.00 3.661	25.00 .984	4	18.00 x 14.50	HSS-E	DIN 376	
M24	3.00	6H	EX01M24	24.00 .944	160.00 6.299	113.00 4.448	30.00 1.181	4	18.00 x 14.50	HSS-E	DIN 376	
M27	3.00	6H	EX01M27	27.00 1.062	160.00 6.299	97.00 3.818	30.00 1.181	4	20.00 x 16.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7



300



248



276

CoroTap™ 300

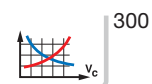
EX016H

FHA 45
 THFT M
 THCHT C
 ULDR (xTD) 2.5
 COATING ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M30	3.50	6H	EX01M30	30.00 <i>1.181</i>	180.00 <i>7.086</i>	115.00 <i>4.527</i>	36.00 <i>1.417</i>	4	22.00 x 18.00	HSS-E	DIN 376	
M33	3.50	6H	EX01M33	33.00 <i>1.299</i>	180.00 <i>7.086</i>	113.00 <i>4.448</i>	36.00 <i>1.417</i>	4	25.00 x 20.00	HSS-E	DIN 376	
M36	4.00	6H	EX01M36	36.00 <i>1.417</i>	200.00 <i>7.874</i>	69.00 <i>2.716</i>	40.00 <i>1.575</i>	4	28.00 x 22.00	HSS-E	DIN 376	
M39	4.00	6H	EX01M39	39.00 <i>1.535</i>	200.00 <i>7.874</i>	102.00 <i>4.015</i>	40.00 <i>1.575</i>	4	32.00 x 24.00	HSS-E	DIN 376	
M42	4.50	6H	EX01M42	42.00 <i>1.653</i>	200.00 <i>7.874</i>	102.00 <i>4.015</i>	45.00 <i>1.772</i>	4	32.00 x 24.00	HSS-E	DIN 376	
M48	5.00	6H	EX01M48	48.00 <i>1.889</i>	250.00 <i>9.842</i>	147.00 <i>5.787</i>	50.00 <i>1.968</i>	4	36.00 x 29.00	HSS-E	DIN 376	
M52	5.00	6H	EX01M52	52.00 <i>2.047</i>	250.00 <i>9.842</i>	120.00 <i>4.724</i>	50.00 <i>1.968</i>	5	40.00 x 32.00	HSS-E	DIN 376	
M56	5.50	6H	EX01M56	56.00 <i>2.204</i>	250.00 <i>9.842</i>	120.00 <i>4.724</i>	55.00 <i>2.165</i>	5	40.00 x 32.00	HSS-E	DIN 376	
M64	6.00	6H	EX01M64	64.00 <i>2.519</i>	315.00 <i>12.401</i>	178.00 <i>7.007</i>	60.00 <i>2.362</i>	6	50.00 x 39.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 300

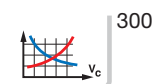
EX006G

FHA	45
THFT	M
THCHT	C
ULDR (xTD)	2.5



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
M3	0.50	6G	EX00M36G	3.00	56.00	18.00	5.90	3	3.50 x 2.70	HSS-PM	DIN 371
				.118	2.204	.708	.232				
M4	0.70	6G	EX00M46G	4.00	63.00	21.00	6.70	3	4.50 x 3.40	HSS-PM	DIN 371
				.157	2.480	.826	.264				
M5	0.80	6G	EX00M56G	5.00	70.00	25.00	7.70	3	6.00 x 4.90	HSS-PM	DIN 371
				.196	2.755	.984	.303				
M6	1.00	6G	EX00M66G	6.00	80.00	31.00	10.00	3	6.00 x 4.90	HSS-PM	DIN 371
				.236	3.149	1.220	.394				
M8	1.25	6G	EX00M86G	8.00	90.00	35.00	11.60	3	8.00 x 6.20	HSS-PM	DIN 371
				.314	3.543	1.377	.457				
M10	1.50	6G	EX00M106G	10.00	100.00	39.00	15.10	3	10.00 x 8.00	HSS-PM	DIN 371
				.393	3.937	1.535	.594				
M12	1.75	6G	EX00M126G	12.00	110.00	83.00	16.00	3	9.00 x 7.00	HSS-PM	DIN 376
				.472	4.330	3.267	.630				
M14	2.00	6G	EX00M146G	14.00	110.00	81.00	20.00	3	11.00 x 9.00	HSS-PM	DIN 376
				.551	4.330	3.188	.787				
M16	2.00	6G	EX00M166G	16.00	110.00	68.00	20.00	4	12.00 x 9.00	HSS-PM	DIN 376
				.629	4.330	2.677	.787				
M20	2.50	6G	EX00M206G	20.00	140.00	95.00	25.00	4	16.00 x 12.00	HSS-E	DIN 376
				.787	5.511	3.740	.984				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

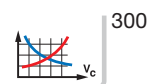
EX016G

FHA 45
 THFT M
 THCHT C
 ULDR (xTD) 2.5
 COATING ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6G	EX01M36G	3.00 .118	56.00 2.204	18.00 .708	5.90 .232	3	3.50 x 2.70	HSS-PM	DIN 371	
M4	0.70	6G	EX01M46G	4.00 .157	63.00 2.480	21.00 .826	6.70 .264	3	4.50 x 3.40	HSS-PM	DIN 371	
M5	0.80	6G	EX01M56G	5.00 .196	70.00 2.755	25.00 .984	7.70 .303	3	6.00 x 4.90	HSS-PM	DIN 371	
M6	1.00	6G	EX01M66G	6.00 .236	80.00 3.149	31.00 1.220	10.00 .394	3	6.00 x 4.90	HSS-PM	DIN 371	
M8	1.25	6G	EX01M86G	8.00 .314	90.00 3.543	35.00 1.377	11.60 .457	3	8.00 x 6.20	HSS-PM	DIN 371	
M10	1.50	6G	EX01M106G	10.00 .393	100.00 3.937	39.00 1.535	15.10 .594	3	10.00 x 8.00	HSS-PM	DIN 371	
M12	1.75	6G	EX01M126G	12.00 .472	110.00 4.330	83.00 3.267	16.00 .630	3	9.00 x 7.00	HSS-PM	DIN 376	
M14	2.00	6G	EX01M146G	14.00 .551	110.00 4.330	81.00 3.188	20.00 .787	3	11.00 x 9.00	HSS-PM	DIN 376	
M16	2.00	6G	EX01M166G	16.00 .629	110.00 4.330	68.00 2.677	20.00 .787	4	12.00 x 9.00	HSS-PM	DIN 376	
M20	2.50	6G	EX01M206G	20.00 .787	140.00 5.511	95.00 3.740	25.00 .984	4	16.00 x 12.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E615

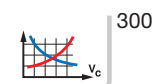
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
M
C
3.0
CoolTop



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGH	NOF	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6H	E615M3	3.00 .118	112.00 4.409	18.00 .708	6.00 .236	3	3.50 x 2.70	HSS-E	DIN 371	
M4	0.70	6H	E615M4	4.00 .157	112.00 4.409	21.00 .826	7.00 .276	3	4.50 x 3.40	HSS-E	DIN 371	
M5	0.80	6H	E615M5	5.00 .196	125.00 4.921	25.00 .984	8.00 .315	3	6.00 x 4.90	HSS-E	DIN 371	
M6	1.00	6H	E615M6	6.00 .236	125.00 4.921	30.00 1.181	10.00 .394	3	6.00 x 4.90	HSS-E	DIN 371	
M8	1.25	6H	E615M8	8.00 .314	140.00 5.511	40.00 1.574	13.00 .512	3	8.00 x 6.20	HSS-E	DIN 371	
M10	1.50	6H	E615M10	10.00 .393	160.00 6.299	50.00 1.968	15.00 .591	3	10.00 x 8.00	HSS-E	DIN 371	
M12	1.75	6H	E615M12	12.00 .472	180.00 7.086	153.00 6.023	16.00 .630	3	9.00 x 7.00	HSS-E	DIN 376	
M14	2.00	6H	E615M14	14.00 .551	180.00 7.086	151.00 5.944	20.00 .787	3	11.00 x 9.00	HSS-E	DIN 376	
M16	2.00	6H	E615M16	16.00 .629	200.00 7.874	158.00 6.220	20.00 .787	3	12.00 x 9.00	HSS-E	DIN 376	
M20	2.50	6H	E615M20	20.00 .787	224.00 8.818	179.00 7.047	25.00 .984	4	16.00 x 12.00	HSS-E	DIN 376	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

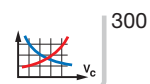
E007

FHA
THFT
THCHT
ULDR (xTD) 45
M
C
2.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6H	E007M4	4.00	53.98	16.58	7.90	3	0.168 x 0.131	HSS-PM	ANSI	
				.157	2.125	.652	.311					
M5	0.80	6H	E007M5	5.00	60.32	21.42	8.50	3	0.194 x 0.152	HSS-PM	ANSI	
				.196	2.375	.843	.335					
M6	1.00	6H	E007M6	6.00	63.50	27.92	10.00	3	0.255 x 0.191	HSS-PM	ANSI	
				.236	2.500	1.099	.394					
M8	1.25	6H	E007M8	8.00	69.06	33.26	11.60	3	0.318 x 0.238	HSS-PM	ANSI	
				.314	2.718	1.309	.457					
M10	1.50	6H	E007M10	10.00	74.61	36.61	13.50	3	0.381 x 0.286	HSS-PM	ANSI	
				.393	2.937	1.441	.531					
M12	1.75	6H	E007M12	12.00	85.72	61.74	17.50	3	0.367 x 0.275	HSS-PM	ANSI	
				.472	3.375	2.430	.689					
M14	2.00	6H	E007M14	14.00	91.28	66.10	18.00	3	0.429 x 0.322	HSS-PM	ANSI	
				.551	3.593	2.602	.709					
M16	2.00	6H	E007M16	16.00	96.84	57.69	18.00	3	0.480 x 0.360	HSS-PM	ANSI	
				.629	3.812	2.271	.709					
M18	2.50	6H	E007M18	18.00	102.39	62.08	22.50	3	0.542 x 0.406	HSS-PM	ANSI	
				.708	4.031	2.444	.886					
M20	2.50	6H	E007M20	20.00	113.50	71.08	22.50	3	0.652 x 0.489	HSS-PM	ANSI	
				.787	4.468	2.798	.886					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

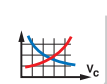
E008

FHA	45
THFT	M
THCHT	C
ULDR (xTD)	2.5
COATING	ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6H	E008M4	4.00 .157	53.98 2.125	16.58 .652	7.90 .311	3	0.168 x 0.131	HSS-PM	ANSI	
M5	0.80	6H	E008M5	5.00 .196	60.32 2.375	21.42 .843	8.50 .335	3	0.194 x 0.152	HSS-PM	ANSI	
M6	1.00	6H	E008M6	6.00 .236	63.50 2.500	27.92 1.099	10.00 .394	3	0.255 x 0.191	HSS-PM	ANSI	
M8	1.25	6H	E008M8	8.00 .314	69.06 2.718	33.26 1.309	11.60 .457	3	0.318 x 0.238	HSS-PM	ANSI	
M10	1.50	6H	E008M10	10.00 .393	74.61 2.937	36.61 1.441	13.50 .531	3	0.381 x 0.286	HSS-PM	ANSI	
M12	1.75	6H	E008M12	12.00 .472	85.72 3.375	61.74 2.430	17.50 .689	3	0.367 x 0.275	HSS-PM	ANSI	
M14	2.00	6H	E008M14	14.00 .551	91.28 3.593	66.10 2.602	18.00 .709	3	0.429 x 0.322	HSS-PM	ANSI	
M16	2.00	6H	E008M16	16.00 .629	96.84 3.812	57.69 2.271	18.00 .709	3	0.480 x 0.360	HSS-PM	ANSI	
M18	2.50	6H	E008M18	18.00 .708	102.39 4.031	62.08 2.444	22.50 .886	3	0.542 x 0.406	HSS-PM	ANSI	
M20	2.50	6H	E008M20	20.00 .787	113.50 4.468	71.08 2.798	22.50 .886	3	0.652 x 0.489	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

E002

FHA
THFT
THCHT
ULDR (xTD) 45
M
C
2.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M2	0.40	6H	E002M2	2.00 .078	41.00 1.614	8.00 .314	8.00 .315	2	2.50 x 2.00	HSS-PM	ISO 529	
M2.5	0.45	6H	E002M2.5	2.50 .098	44.50 1.751	9.50 .374	9.50 .374	2	2.80 x 2.24	HSS-PM	ISO 529	
M3	0.50	6H	E002M3	3.00 .118	48.00 1.889	12.50 .492	5.90 .232	3	3.15 x 2.50	HSS-PM	ISO 529	
M3.5	0.60	6H	E002M3.5	3.50 .137	50.00 1.968	14.00 .551	16.50 .650	3	3.55 x 2.80	HSS-PM	ISO 529	
M4	0.70	6H	E002M4	4.00 .157	53.00 2.086	19.00 .748	6.70 .264	3	4.00 x 3.15	HSS-PM	ISO 529	
M5	0.80	6H	E002M5	5.00 .196	58.00 2.283	22.00 .866	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
M6	1.00	6H	E002M6	6.00 .236	66.00 2.598	27.00 1.062	10.00 .394	3	6.30 x 5.00	HSS-PM	ISO 529	
M7	1.00	6H	E002M7	7.00 .275	66.00 2.598	26.00 1.023	13.00 .512	3	7.10 x 5.60	HSS-PM	ISO 529	
M8	1.25	6H	E002M8	8.00 .314	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6H	E002M10	10.00 .393	80.00 3.149	35.00 1.377	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6H	E002M12	12.00 .472	89.00 3.503	62.00 2.440	16.00 .630	3	9.00 x 7.10	HSS-PM	ISO 529	
M14	2.00	6H	E002M14	14.00 .551	95.00 3.740	66.00 2.598	18.00 .709	3	11.20 x 9.00	HSS-PM	ISO 529	
M16	2.00	6H	E002M16	16.00 .629	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
M18	2.50	6H	E002M18	18.00 .708	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
M20	2.50	6H	E002M20	20.00 .787	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	
M22	2.50	6H	E002M22	22.00 .866	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529	
M24	3.00	6H	E002M24	24.00 .944	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

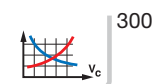
E003

FHA	45
THFT	M
THCHT	C
ULDR (xTD)	2.5
COATING	ST



			Dimensiones, mm, pulgadas									
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
M2	0.40	6H	E003M2	2.00	41.00	8.00	8.00	2	2.50 x 2.00	HSS-PM	ISO 529	
				.078	1.614	.314	.315					
M2.5	0.45	6H	E003M2.5	2.50	44.50	9.50	9.50	2	2.80 x 2.24	HSS-PM	ISO 529	
				.098	1.751	.374	.374					
M3	0.50	6H	E003M3	3.00	48.00	12.50	5.90	3	3.15 x 2.50	HSS-PM	ISO 529	
				.118	1.889	.492	.232					
M3.5	0.60	6H	E003M3.5	3.50	50.00	14.00	16.50	3	3.55 x 2.80	HSS-PM	ISO 529	
				.137	1.968	.551	.650					
M4	0.70	6H	E003M4	4.00	53.00	19.00	6.70	3	4.00 x 3.15	HSS-PM	ISO 529	
				.157	2.086	.748	.264					
M5	0.80	6H	E003M5	5.00	58.00	22.00	7.70	3	5.00 x 4.00	HSS-PM	ISO 529	
				.196	2.283	.866	.303					
M6	1.00	6H	E003M6	6.00	66.00	27.00	10.00	3	6.30 x 5.00	HSS-PM	ISO 529	
				.236	2.598	1.062	.394					
M7	1.00	6H	E003M7	7.00	66.00	26.00	13.00	3	7.10 x 5.60	HSS-PM	ISO 529	
				.275	2.598	1.023	.512					
M8	1.25	6H	E003M8	8.00	72.00	31.00	11.60	3	8.00 x 6.30	HSS-PM	ISO 529	
				.314	2.834	1.220	.457					
M10	1.50	6H	E003M10	10.00	80.00	35.00	15.10	3	10.00 x 8.00	HSS-PM	ISO 529	
				.393	3.149	1.377	.594					
M12	1.75	6H	E003M12	12.00	89.00	62.00	16.00	3	9.00 x 7.10	HSS-PM	ISO 529	
				.472	3.503	2.440	.630					
M14	2.00	6H	E003M14	14.00	95.00	66.00	18.00	3	11.20 x 9.00	HSS-PM	ISO 529	
				.551	3.740	2.598	.709					
M16	2.00	6H	E003M16	16.00	102.00	59.00	18.00	4	12.50 x 10.00	HSS-PM	ISO 529	
				.629	4.015	2.322	.709					
M18	2.50	6H	E003M18	18.00	112.00	68.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529	
				.708	4.409	2.677	1.161					
M20	2.50	6H	E003M20	20.00	112.00	68.00	22.50	4	14.00 x 11.20	HSS-PM	ISO 529	
				.787	4.409	2.677	.886					
M22	2.50	6H	E003M22	22.00	118.00	72.00	29.50	4	16.00 x 12.50	HSS-PM	ISO 529	
				.866	4.645	2.834	1.161					
M24	3.00	6H	E003M24	24.00	130.00	82.00	35.50	4	18.00 x 14.00	HSS-PM	ISO 529	
				.944	5.118	3.228	1.398					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

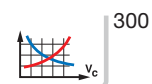
EX10

FHA
THFT
THCHT
ULDR (xTD) 45
MF
C
2.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	EX10M4X.50	4.00	63.00	43.00	6.80	3	2.80 x 2.10	HSS-PM	DIN 374	
				.157	2.480	1.692	.268					
MF 5x0.5	0.50	6H	EX10M5X.50	5.00	70.00	49.00	8.20	3	3.50 x 2.70	HSS-PM	DIN 374	
				.196	2.755	1.929	.323					
MF 6x0.75	0.75	6H	EX10M6X.75	6.00	80.00	59.00	10.00	3	4.50 x 3.40	HSS-PM	DIN 374	
				.236	3.149	2.322	.394					
MF 8x0.75	0.75	6H	EX10M8X.75	8.00	80.00	57.00	13.00	3	6.00 x 4.90	HSS-PM	DIN 374	
				.314	3.149	2.244	.512					
MF 8x1.0	1.00	6H	EX10M8X1.0	8.00	90.00	67.00	13.00	3	6.00 x 4.90	HSS-PM	DIN 374	
				.314	3.543	2.637	.512					
MF 10x0.75	0.75	6H	EX10M10X.75	10.00	90.00	67.00	13.00	3	7.00 x 5.50	HSS-PM	DIN 374	
				.393	3.543	2.637	.512					
MF 10x1.0	1.00	6H	EX10M10X1.0	10.00	90.00	67.00	13.00	3	7.00 x 5.50	HSS-PM	DIN 374	
				.393	3.543	2.637	.512					
MF 10x1.25	1.25	6H	EX10M10X1.25	10.00	100.00	77.00	15.00	3	7.00 x 5.50	HSS-PM	DIN 374	
				.393	3.937	3.031	.591					
MF 12x1.0	1.00	6H	EX10M12X1.0	12.00	100.00	73.00	15.00	3	9.00 x 7.00	HSS-PM	DIN 374	
				.472	3.937	2.874	.591					
MF 12x1.25	1.25	6H	EX10M12X1.25	12.00	100.00	73.00	15.00	3	9.00 x 7.00	HSS-PM	DIN 374	
				.472	3.937	2.874	.591					
MF 12x1.5	1.50	6H	EX10M12X1.5	12.00	100.00	73.00	15.00	3	9.00 x 7.00	HSS-PM	DIN 374	
				.472	3.937	2.874	.591					
MF 14x1.0	1.00	6H	EX10M14X1.0	14.00	100.00	71.00	15.00	3	11.00 x 9.00	HSS-PM	DIN 374	
				.551	3.937	2.795	.591					
MF 14x1.25	1.25	6H	EX10M14X1.25	14.00	100.00	71.00	15.00	3	11.00 x 9.00	HSS-PM	DIN 374	
				.551	3.937	2.795	.591					
MF 14x1.5	1.50	6H	EX10M14X1.5	14.00	100.00	71.00	15.00	3	11.00 x 9.00	HSS-PM	DIN 374	
				.551	3.937	2.795	.591					
MF 16x1.0	1.00	6H	EX10M16X1.0	16.00	100.00	58.00	15.00	4	12.00 x 9.00	HSS-PM	DIN 374	
				.629	3.937	2.283	.591					
MF 16x1.5	1.50	6H	EX10M16X1.5	16.00	100.00	58.00	15.00	4	12.00 x 9.00	HSS-PM	DIN 374	
				.629	3.937	2.283	.591					
MF 18x1.0	1.00	6H	EX10M18X1.0	18.00	110.00	66.00	17.00	4	14.00 x 11.00	HSS-E	DIN 374	
				.708	4.330	2.598	.669					
MF 18x1.5	1.50	6H	EX10M18X1.5	18.00	110.00	66.00	17.00	4	14.00 x 11.00	HSS-E	DIN 374	
				.708	4.330	2.598	.669					
MF 20x1.0	1.00	6H	EX10M20X1.0	20.00	125.00	80.00	17.00	4	16.00 x 12.00	HSS-E	DIN 374	
				.787	4.921	3.149	.669					
MF 20x1.5	1.50	6H	EX10M20X1.5	20.00	125.00	80.00	17.00	4	16.00 x 12.00	HSS-E	DIN 374	
				.787	4.921	3.149	.669					
MF 22x1.5	1.50	6H	EX10M22X1.5	22.00	125.00	78.00	17.00	4	18.00 x 14.50	HSS-E	DIN 374	
				.866	4.921	3.070	.669					

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 300

EX10

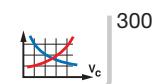
FHA
THFT
THCHT
ULDR (xTD)

45
MF
C
2.5



TDZ	TP	TCTR	Código de pedido	Dimensiones, mm, pulgadas								
				TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 24x1.5	1.50	6H	EX10M24X1.5	24.00	140.00	93.00	20.00	4	18.00 x 14.50	HSS-E	DIN 374	
				.944	5.511	3.661	.787					
MF 24x2.0	2.00	6H	EX10M24X2.0	24.00	140.00	93.00	20.00	4	18.00 x 14.50	HSS-E	DIN 374	
				.944	5.511	3.661	.787					
MF 25x1.5	1.50	6H	EX10M25X1.5	25.00	140.00	93.00	20.00	4	18.00 x 14.50	HSS-E	DIN 374	
				.984	5.511	3.661	.787					
MF 26x1.5	1.50	6H	EX10M26X1.5	26.00	140.00	93.00	20.00	4	18.00 x 14.50	HSS-E	DIN 374	
				1.023	5.511	3.661	.787					
MF 27x1.5	1.50	6H	EX10M27X1.5	27.00	140.00	77.00	20.00	4	20.00 x 16.00	HSS-E	DIN 374	
				1.062	5.511	3.031	.787					
MF 27x2.0	2.00	6H	EX10M27X2.0	27.00	140.00	77.00	20.00	4	20.00 x 16.00	HSS-E	DIN 374	
				1.062	5.511	3.031	.787					
MF 28x1.5	1.50	6H	EX10M28X1.5	28.00	140.00	77.00	20.00	4	20.00 x 16.00	HSS-E	DIN 374	
				1.102	5.511	3.031	.787					
MF 30x1.5	1.50	6H	EX10M30X1.5	30.00	150.00	85.00	20.00	4	22.00 x 18.00	HSS-E	DIN 374	
				1.181	5.905	3.346	.787					
MF 30x2.0	2.00	6H	EX10M30X2.0	30.00	150.00	85.00	20.00	4	22.00 x 18.00	HSS-E	DIN 374	
				1.181	5.905	3.346	.787					

Para la explicación de los parámetros, véanse las páginas 1 y 7



300



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CoroTap™ 300

EX11

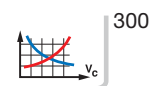
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
MF
C
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	EX11M4X.50	4.00 .157	63.00 2.480	43.00 1.692	6.80 .268	3	2.80 x 2.10	HSS-PM	DIN 374	
MF 5x0.5	0.50	6H	EX11M5X.50	5.00 .196	70.00 2.755	49.00 1.929	8.20 .323	3	3.50 x 2.70	HSS-PM	DIN 374	
MF 6x0.75	0.75	6H	EX11M6X.75	6.00 .236	80.00 3.149	59.00 2.322	10.00 .394	3	4.50 x 3.40	HSS-PM	DIN 374	
MF 8x0.75	0.75	6H	EX11M8X.75	8.00 .314	80.00 3.149	57.00 2.244	13.00 .512	3	6.00 x 4.90	HSS-PM	DIN 374	
MF 8x1.0	1.00	6H	EX11M8X1.0	8.00 .314	90.00 3.543	67.00 2.637	13.00 .512	3	6.00 x 4.90	HSS-PM	DIN 374	
MF 10x0.75	0.75	6H	EX11M10X.75	10.00 .393	90.00 3.543	67.00 2.637	13.00 .512	3	7.00 x 5.50	HSS-PM	DIN 374	
MF 10x1.0	1.00	6H	EX11M10X1.0	10.00 .393	90.00 3.543	67.00 2.637	13.00 .512	3	7.00 x 5.50	HSS-PM	DIN 374	
MF 10x1.25	1.25	6H	EX11M10X1.25	10.00 .393	100.00 3.937	77.00 3.031	15.00 .591	3	7.00 x 5.50	HSS-PM	DIN 374	
MF 12x1.0	1.00	6H	EX11M12X1.0	12.00 .472	100.00 3.937	73.00 2.874	15.00 .591	3	9.00 x 7.00	HSS-PM	DIN 374	
MF 12x1.25	1.25	6H	EX11M12X1.25	12.00 .472	100.00 3.937	73.00 2.874	15.00 .591	3	9.00 x 7.00	HSS-PM	DIN 374	
MF 12x1.5	1.50	6H	EX11M12X1.5	12.00 .472	100.00 3.937	73.00 2.874	15.00 .591	3	9.00 x 7.00	HSS-PM	DIN 374	
MF 14x1.0	1.00	6H	EX11M14X1.0	14.00 .551	100.00 3.937	71.00 2.795	15.00 .591	3	11.00 x 9.00	HSS-PM	DIN 374	
MF 14x1.25	1.25	6H	EX11M14X1.25	14.00 .551	100.00 3.937	71.00 2.795	15.00 .591	3	11.00 x 9.00	HSS-PM	DIN 374	
MF 14x1.5	1.50	6H	EX11M14X1.5	14.00 .551	100.00 3.937	71.00 2.795	15.00 .591	3	11.00 x 9.00	HSS-PM	DIN 374	
MF 16x1.0	1.00	6H	EX11M16X1.0	16.00 .629	100.00 3.937	58.00 2.283	15.00 .591	4	12.00 x 9.00	HSS-PM	DIN 374	
MF 16x1.5	1.50	6H	EX11M16X1.5	16.00 .629	100.00 3.937	58.00 2.283	15.00 .591	4	12.00 x 9.00	HSS-PM	DIN 374	
MF 18x1.0	1.00	6H	EX11M18X1.0	18.00 .708	110.00 4.330	66.00 2.598	17.00 .669	4	14.00 x 11.00	HSS-E	DIN 374	
MF 18x1.5	1.50	6H	EX11M18X1.5	18.00 .708	110.00 4.330	66.00 2.598	17.00 .669	4	14.00 x 11.00	HSS-E	DIN 374	
MF 20x1.0	1.00	6H	EX11M20X1.0	20.00 .787	125.00 4.921	80.00 3.149	17.00 .669	4	16.00 x 12.00	HSS-E	DIN 374	
MF 20x1.5	1.50	6H	EX11M20X1.5	20.00 .787	125.00 4.921	80.00 3.149	17.00 .669	4	16.00 x 12.00	HSS-E	DIN 374	
MF 22x1.5	1.50	6H	EX11M22X1.5	22.00 .866	125.00 4.921	78.00 3.070	17.00 .669	4	18.00 x 14.50	HSS-E	DIN 374	

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 300

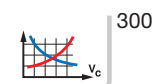
EX11

FHA	45
THFT	MF
THCHT	C
ULDR (xTD)	2.5
COATING	ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 24x1.5	1.50	6H	EX11M24X1.5	24.00 .944	140.00 5.511	93.00 3.661	20.00 .787	4	18.00 x 14.50	HSS-E	DIN 374	
MF 24x2.0	2.00	6H	EX11M24X2.0	24.00 .944	140.00 5.511	93.00 3.661	20.00 .787	4	18.00 x 14.50	HSS-E	DIN 374	
MF 25x1.5	1.50	6H	EX11M25X1.5	25.00 .984	140.00 5.511	93.00 3.661	20.00 .787	4	18.00 x 14.50	HSS-E	DIN 374	
MF 26x1.5	1.50	6H	EX11M26X1.5	26.00 1.023	140.00 5.511	93.00 3.661	20.00 .787	4	18.00 x 14.50	HSS-E	DIN 374	
MF 27x1.5	1.50	6H	EX11M27X1.5	27.00 1.062	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-E	DIN 374	
MF 27x2.0	2.00	6H	EX11M27X2.0	27.00 1.062	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-E	DIN 374	
MF 28x1.5	1.50	6H	EX11M28X1.5	28.00 1.102	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-E	DIN 374	
MF 30x1.5	1.50	6H	EX11M30X1.5	30.00 1.181	150.00 5.905	85.00 3.346	20.00 .787	4	22.00 x 18.00	HSS-E	DIN 374	
MF 30x2.0	2.00	6H	EX11M30X2.0	30.00 1.181	150.00 5.905	85.00 3.346	20.00 .787	4	22.00 x 18.00	HSS-E	DIN 374	

Para la explicación de los parámetros, véanse las páginas 1 y 7



300



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CoroTap™ 300

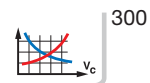
E017

FHA 45
 THFT MF
 THCHT C
 ULDR (xTD) 2.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 8x1.0	1.00	6H	E017M8X1.0	8.00	69.06	33.26	11.60	3	0.318 x 0.238	HSS-PM	ANSI	
				.314	2.718	1.309	.457					
MF 10x1.0	1.00	6H	E017M10X1.0	10.00	74.61	36.61	13.50	3	0.381 x 0.286	HSS-PM	ANSI	
				.393	2.937	1.441	.531					
MF 14x1.5	1.50	6H	E017M14X1.5	14.00	91.28	66.10	18.00	3	0.429 x 0.322	HSS-PM	ANSI	
				.551	3.593	2.602	.709					
MF 18x1.5	1.50	6H	E017M18X1.5	18.00	102.39	62.08	22.50	3	0.542 x 0.406	HSS-PM	ANSI	
				.708	4.031	2.444	.886					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

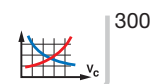
E018

FHA	45
THFT	MF
THCHT	C
ULDR (xTD)	2.5
COATING	ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 8x1.0	1.00	6H	E018M8X1.0	8.00 .314	69.06 2.718	33.26 1.309	11.60 .457	3	0.318 x 0.238	HSS-PM	ANSI	
MF 10x1.0	1.00	6H	E018M10X1.0	10.00 .393	74.61 2.937	36.61 1.441	13.50 .531	3	0.381 x 0.286	HSS-PM	ANSI	
MF 14x1.5	1.50	6H	E018M14X1.5	14.00 .551	91.28 3.593	66.10 2.602	18.00 .709	3	0.429 x 0.322	HSS-PM	ANSI	
MF 18x1.5	1.50	6H	E018M18X1.5	18.00 .708	102.39 4.031	62.08 2.444	22.50 .886	3	0.542 x 0.406	HSS-PM	ANSI	

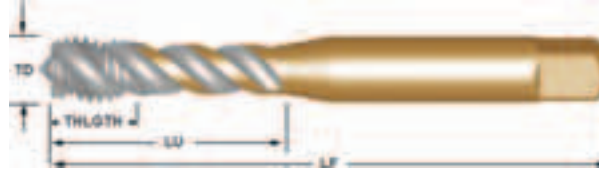
Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E012

FHA
THFT
THCHT
ULDR (xTD) 45
MF
C
2.5



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	E012M4X.5	4.00	53.00	19.00	6.70	3	4.00 x 3.15	HSS-PM	ISO 529	
				.157	2.086	.748	.264					
MF 5x0.5	0.50	6H	E012M5X.5	5.00	58.00	22.00	7.70	3	5.00 x 4.00	HSS-PM	ISO 529	
				.196	2.283	.866	.303					
MF 6x0.5	0.50	6H	E012M6X.5	6.00	66.00	27.00	10.00	3	6.30 x 5.00	HSS-PM	ISO 529	
				.236	2.598	1.062	.394					
MF 6x0.75	0.75	6H	E012M6X.75	6.00	66.00	27.00	10.00	3	6.30 x 5.00	HSS-PM	ISO 529	
				.236	2.598	1.062	.394					
MF 8x0.75	0.75	6H	E012M8X.75	8.00	72.00	31.00	11.60	3	8.00 x 6.30	HSS-PM	ISO 529	
				.314	2.834	1.220	.457					
MF 8x1.0	1.00	6H	E012M8X1.0	8.00	72.00	31.00	11.60	3	8.00 x 6.30	HSS-PM	ISO 529	
				.314	2.834	1.220	.457					
MF 10x1.0	1.00	6H	E012M10X1.0	10.00	80.00	35.00	15.10	3	10.00 x 8.00	HSS-PM	ISO 529	
				.393	3.149	1.377	.594					
MF 10x1.25	1.25	6H	E012M10X1.25	10.00	80.00	35.00	15.10	3	10.00 x 8.00	HSS-PM	ISO 529	
				.393	3.149	1.377	.594					
MF 12x1.0	1.00	6H	E012M12X1.0	12.00	89.00	64.00	16.00	3	9.00 x 7.10	HSS-PM	ISO 529	
				.472	3.503	2.519	.630					
MF 12x1.25	1.25	6H	E012M12X1.25	12.00	89.00	64.00	16.00	3	9.00 x 7.10	HSS-PM	ISO 529	
				.472	3.503	2.519	.630					
MF 12x1.5	1.50	6H	E012M12X1.5	12.00	89.00	63.00	16.00	3	9.00 x 7.10	HSS-PM	ISO 529	
				.472	3.503	2.480	.630					
MF 14x1.5	1.50	6H	E012M14X1.5	14.00	95.00	69.00	18.00	3	11.20 x 9.00	HSS-PM	ISO 529	
				.551	3.740	2.716	.709					
MF 16x1.0	1.00	6H	E012M16X1.0	16.00	102.00	62.00	18.00	4	12.50 x 10.00	HSS-PM	ISO 529	
				.629	4.015	2.440	.709					
MF 16x1.5	1.50	6H	E012M16X1.5	16.00	102.00	62.00	18.00	4	12.50 x 10.00	HSS-PM	ISO 529	
				.629	4.015	2.440	.709					
MF 18x1.5	1.50	6H	E012M18X1.5	18.00	112.00	72.00	29.50	4	14.00 x 11.20	HSS-PM	ISO 529	
				.708	4.409	2.834	1.161					
MF 20x1.5	1.50	6H	E012M20X1.5	20.00	112.00	68.00	22.50	4	14.00 x 11.20	HSS-PM	ISO 529	
				.787	4.409	2.677	.886					
MF 22x1.5	1.50	6H	E012M22X1.5	22.00	118.00	74.00	29.50	4	16.00 x 12.50	HSS-PM	ISO 529	
				.866	4.645	2.913	1.161					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E013

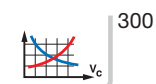
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
MF
C
2.5
ST



				Dimensiones, mm, pulgadas								
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
MF 4x0.5	0.50	6H	E013M4X.5	4.00 .157	53.00 2.086	19.00 .748	6.70 .264	3	4.00 x 3.15	HSS-PM	ISO 529	
MF 5x0.5	0.50	6H	E013M5X.5	5.00 .196	58.00 2.283	22.00 .866	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
MF 6x0.5	0.50	6H	E013M6X.5	6.00 .236	66.00 2.598	27.00 1.062	10.00 .394	3	6.30 x 5.00	HSS-PM	ISO 529	
MF 6x0.75	0.75	6H	E013M6X.75	6.00 .236	66.00 2.598	27.00 1.062	10.00 .394	3	6.30 x 5.00	HSS-PM	ISO 529	
MF 8x0.75	0.75	6H	E013M8X.75	8.00 .314	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
MF 8x1.0	1.00	6H	E013M8X1.0	8.00 .314	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
MF 10x1.0	1.00	6H	E013M10X1.0	10.00 .393	80.00 3.149	35.00 1.377	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
MF 10x1.25	1.25	6H	E013M10X1.25	10.00 .393	80.00 3.149	35.00 1.377	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
MF 12x1.0	1.00	6H	E013M12X1.0	12.00 .472	89.00 3.503	62.00 2.440	16.00 .630	3	9.00 x 7.10	HSS-PM	ISO 529	
MF 12x1.25	1.25	6H	E013M12X1.25	12.00 .472	89.00 3.503	62.00 2.440	16.00 .630	3	9.00 x 7.10	HSS-PM	ISO 529	
MF 12x1.5	1.50	6H	E013M12X1.5	12.00 .472	89.00 3.503	62.00 2.440	16.00 .630	3	9.00 x 7.10	HSS-PM	ISO 529	
MF 14x1.5	1.50	6H	E013M14X1.5	14.00 .551	95.00 3.740	66.00 2.598	18.00 .709	3	11.20 x 9.00	HSS-PM	ISO 529	
MF 16x1.0	1.00	6H	E013M16X1.0	16.00 .629	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
MF 16x1.5	1.50	6H	E013M16X1.5	16.00 .629	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
MF 18x1.5	1.50	6H	E013M18X1.5	18.00 .708	112.00 4.409	68.00 2.677	29.50 1.161	4	14.00 x 11.20	HSS-PM	ISO 529	
MF 20x1.5	1.50	6H	E013M20X1.5	20.00 .787	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	
MF 22x1.5	1.50	6H	E013M22X1.5	22.00 .866	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



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CoroTap™ 300

EX20

FHA
THFT
THCHT
ULDR (xTD) 45
UNC
C
2.5



TDZ	TCTR	Código de pedido	Dimensiones, mm, pulgadas							
			TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 4-40	2B	EX204-40	2.84 .112	56.00 2.204	18.00 .708	5.60 .220	3	3.50 x 2.70	HSS-PM	DIN 2184-1
UNC # 5-40	2B	EX205-40	3.18 .125	56.00 2.204	18.00 .708	5.60 .220	3	3.50 x 2.70	HSS-PM	DIN 2184-1
UNC # 6-32	2B	EX206-32	3.51 .137	56.00 2.204	20.00 .787	6.50 .256	3	4.00 x 3.00	HSS-PM	DIN 2184-1
UNC # 8-32	2B	EX208-32	4.17 .164	63.00 2.480	21.00 .826	6.50 .256	3	4.50 x 3.40	HSS-PM	DIN 2184-1
UNC # 10-24	2B	EX2010-24	4.83 .190	70.00 2.755	25.00 .984	7.30 .287	3	6.00 x 4.90	HSS-PM	DIN 2184-1
UNC # 12-24	2B	EX2012-24	5.49 .215	80.00 3.149	30.00 1.181	10.00 .394	3	6.00 x 4.90	HSS-PM	DIN 2184-1
UNC 1/4-20	2B	EX201/4	6.35 .250	80.00 3.149	30.00 1.181	10.00 .394	3	7.00 x 5.50	HSS-PM	DIN 2184-1
UNC 5/16-18	2B	EX205/16	7.94 .312	90.00 3.543	35.00 1.377	12.00 .472	3	8.00 x 6.20	HSS-PM	DIN 2184-1
UNC 3/8-16	2B	EX203/8	9.52 .375	100.00 3.937	39.00 1.535	15.00 .591	3	10.00 x 8.00	HSS-PM	DIN 2184-1
UNC 7/16-14	2B	EX207/16	11.11 .437	100.00 3.937	75.75 2.982	15.00 .591	3	8.00 x 6.20	HSS-PM	DIN 2184-1
UNC 1/2-13	2B	EX201/2	12.70 .500	110.00 4.330	82.75 3.257	18.00 .709	3	9.00 x 7.00	HSS-PM	DIN 2184-1
UNC 5/8-11	2B	EX205/8	15.88 .625	110.00 4.330	67.75 2.667	20.00 .787	4	12.00 x 9.00	HSS-PM	DIN 2184-1
UNC 3/4-10	2B	EX203/4	19.05 .750	125.00 4.921	80.75 3.179	25.00 .984	4	14.00 x 11.00	HSS-E	DIN 2184-1
UNC 7/8-9	2B	EX207/8	22.22 .875	140.00 5.511	92.75 3.651	25.00 .984	4	18.00 x 14.50	HSS-E	DIN 2184-1
UNC 1"-8	2B	EX201	25.40 1.000	160.00 6.299	112.75 4.438	30.00 1.181	4	18.00 x 14.50	HSS-E	DIN 2184-1

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

EX21

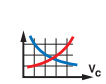
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
UNC
C
2.5
ST



		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	2B	EX214-40	2.84 .112	56.00 2.204	18.00 .708	5.60 .220	3	3.50 x 2.70	HSS-PM	DIN 2184-1	
UNC # 5-40	2B	EX215-40	3.18 .125	56.00 2.204	18.00 .708	5.60 .220	3	3.50 x 2.70	HSS-PM	DIN 2184-1	
UNC # 6-32	2B	EX216-32	3.51 .137	56.00 2.204	20.00 .787	6.50 .256	3	4.00 x 3.00	HSS-PM	DIN 2184-1	
UNC # 8-32	2B	EX218-32	4.17 .164	63.00 2.480	21.00 .826	6.50 .256	3	4.50 x 3.40	HSS-PM	DIN 2184-1	
UNC # 10-24	2B	EX2110-24	4.83 .190	70.00 2.755	25.00 .984	7.30 .287	3	6.00 x 4.90	HSS-PM	DIN 2184-1	
UNC # 12-24	2B	EX2112-24	5.49 .215	80.00 3.149	30.00 1.181	10.00 .394	3	6.00 x 4.90	HSS-PM	DIN 2184-1	
UNC 1/4-20	2B	EX211/4	6.35 .250	80.00 3.149	30.00 1.181	10.00 .394	3	7.00 x 5.50	HSS-PM	DIN 2184-1	
UNC 5/16-18	2B	EX215/16	7.94 .312	90.00 3.543	35.00 1.377	12.00 .472	3	8.00 x 6.20	HSS-PM	DIN 2184-1	
UNC 3/8-16	2B	EX213/8	9.52 .375	100.00 3.937	39.00 1.535	15.00 .591	3	10.00 x 8.00	HSS-PM	DIN 2184-1	
UNC 7/16-14	2B	EX217/16	11.11 .437	100.00 3.937	75.75 2.982	15.00 .591	3	8.00 x 6.20	HSS-PM	DIN 2184-1	
UNC 1/2-13	2B	EX211/2	12.70 .500	110.00 4.330	82.75 3.257	18.00 .709	3	9.00 x 7.00	HSS-PM	DIN 2184-1	
UNC 5/8-11	2B	EX215/8	15.88 .625	110.00 4.330	67.75 2.667	20.00 .787	4	12.00 x 9.00	HSS-PM	DIN 2184-1	
UNC 3/4-10	2B	EX213/4	19.05 .750	125.00 4.921	80.75 3.179	25.00 .984	4	14.00 x 11.00	HSS-E	DIN 2184-1	
UNC 7/8-9	2B	EX217/8	22.22 .875	140.00 5.511	92.75 3.651	25.00 .984	4	18.00 x 14.50	HSS-E	DIN 2184-1	
UNC 1"-8	2B	EX211	25.40 1.000	160.00 6.299	112.75 4.438	30.00 1.181	4	18.00 x 14.50	HSS-E	DIN 2184-1	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

E027

FHA
THFT
THCHT
ULDR (xTD)

45
UNC
C
2.5



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 6-32	H2	3B	E0276-32	3.51	50.80	15.08	7.90	3	0.141 x 0.110	HSS-PM	ANSI	
				.137	2.000	.593	.311					
UNC # 8-32	H2	3B	E0278-32	4.17	53.98	16.58	7.90	3	0.168 x 0.131	HSS-PM	ANSI	
				.164	2.125	.652	.311					
UNC # 10-24	H3	2B	E02710-24	4.83	60.32	21.42	8.50	3	0.194 x 0.152	HSS-PM	ANSI	
				.190	2.375	.843	.335					
UNC # 12-24	H3	2B	E02712-24	5.49	60.32	22.47	8.50	3	0.220 x 0.165	HSS-PM	ANSI	
				.215	2.375	.884	.335					
UNC 1/4-20	H3	3B	E0271/4	6.35	63.50	27.92	10.00	3	0.255 x 0.191	HSS-PM	ANSI	
				.250	2.500	1.099	.394					
UNC 5/16-18	H3	3B	E0275/16	7.94	69.06	33.26	11.60	3	0.318 x 0.238	HSS-PM	ANSI	
				.312	2.718	1.309	.457					
UNC 3/8-16	H3	3B	E0273/8	9.52	74.61	36.61	13.50	3	0.381 x 0.286	HSS-PM	ANSI	
				.375	2.937	1.441	.531					
UNC 7/16-14	H3	3B	E0277/16	11.11	80.17	52.77	16.00	3	0.323 x 0.242	HSS-PM	ANSI	
				.437	3.156	2.077	.630					
UNC 1/2-13	H3	3B	E0271/2	12.70	85.72	57.52	17.50	3	0.367 x 0.275	HSS-PM	ANSI	
				.500	3.375	2.264	.689					
UNC 9/16-12	H3	3B	E0279/16	14.29	91.28	61.58	18.00	3	0.429 x 0.322	HSS-PM	ANSI	
				.562	3.593	2.424	.709					
UNC 5/8-11	H3	3B	E0275/8	15.88	96.84	52.64	18.00	3	0.480 x 0.360	HSS-PM	ANSI	
				.625	3.812	2.072	.709					
UNC 3/4-10	H4	2B	E0273/4	19.05	108.00	60.50	22.50	3	0.590 x 0.442	HSS-PM	ANSI	
				.750	4.251	2.381	.886					
UNC 7/8-9	H4	3B	E0277/8	22.22	119.00	69.90	25.00	3	0.697 x 0.523	HSS-PM	ANSI	
				.875	4.685	2.751	.984					
UNC 1"-8	H4	3B	E0271	25.40	130.20	67.10	30.00	3	0.800 x 0.600	HSS-PM	ANSI	
				1.000	5.125	2.641	1.181					

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E028

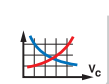
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
UNC
C
2.5
ST



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	H2	2B	E0284-40	2.84 .112	47.62 1.875	12.20 .480	16.50 .650	3	0.141 x 0.110	HSS-PM	ANSI	
UNC # 5-40	H2	2B	E0285-40	3.18 .125	49.21 1.937	18.81 .740	20.00 .787	3	0.141 x 0.110	HSS-PM	ANSI	
UNC # 6-32	H2	3B	E0286-32	3.51 .137	50.80 2.000	15.00 .590	7.90 .311	3	0.141 x 0.110	HSS-PM	ANSI	
UNC # 8-32	H2	3B	E0288-32	4.17 .164	53.98 2.125	16.58 .652	7.90 .311	3	0.168 x 0.131	HSS-PM	ANSI	
UNC # 10-24	H3	2B	E02810-24	4.83 .190	60.32 2.375	21.42 .843	8.50 .335	3	0.194 x 0.152	HSS-PM	ANSI	
UNC # 12-24	H3	2B	E02812-24	5.49 .215	60.32 2.375	25.00 .984	8.50 .335	3	0.220 x 0.165	HSS-PM	ANSI	
UNC 1/4-20	H3	3B	E0281/4	6.35 .250	63.50 2.500	27.92 1.099	10.00 .394	3	0.255 x 0.191	HSS-PM	ANSI	
UNC 5/16-18	H3	3B	E0285/16	7.94 .312	69.06 2.718	33.26 1.309	11.60 .457	3	0.318 x 0.238	HSS-PM	ANSI	
UNC 3/8-16	H3	3B	E0283/8	9.52 .375	74.61 2.937	36.61 1.441	13.50 .531	3	0.381 x 0.286	HSS-PM	ANSI	
UNC 3/8-16	H5	2B	E0283/8H5	9.52 .375	74.61 2.937	36.61 1.441	13.50 .531	3	0.381 x 0.286	HSS-PM	ANSI	
UNC 7/16-14	H3	3B	E0287/16	11.11 .437	80.17 3.156	52.77 2.077	16.00 .630	3	0.323 x 0.242	HSS-PM	ANSI	
UNC 1/2-13	H3	3B	E0281/2	12.70 .500	85.72 3.375	57.52 2.264	17.50 .689	3	0.367 x 0.275	HSS-PM	ANSI	
UNC 9/16-12	H3	3B	E0289/16	14.29 .562	91.28 3.593	61.58 2.424	18.00 .709	3	0.429 x 0.322	HSS-PM	ANSI	
UNC 5/8-11	H3	3B	E0285/8	15.88 .625	96.84 3.812	52.64 2.072	18.00 .709	3	0.480 x 0.360	HSS-PM	ANSI	
UNC 3/4-10	H4	2B	E0283/4	19.05 .750	108.00 4.251	60.50 2.381	22.50 .886	3	0.590 x 0.442	HSS-PM	ANSI	
UNC 7/8-9	H4	3B	E0287/8	22.22 .875	119.00 4.685	69.90 2.751	25.00 .984	3	0.697 x 0.523	HSS-PM	ANSI	
UNC 1"-8	H4	3B	E0281	25.40 1.000	130.20 5.125	67.10 2.641	30.00 1.181	3	0.800 x 0.600	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

E022

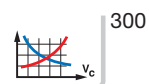
FHA
THFT
THCHT
ULDR (xTD)

45
UNC
C
2.5



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 2-56	2B	E0222-56	2.18 .085	44.50 1.751	9.50 .374	9.50 .374	2	2.80 x 2.24	HSS-PM	ISO 529
UNC # 4-40	2B	E0224-40	2.84 .112	48.00 1.889	14.00 .551	6.20 .244	3	3.15 x 2.50	HSS-PM	ISO 529
UNC # 5-40	2B	E0225-40	3.18 .125	48.00 1.889	12.50 .492	14.50 .571	3	3.15 x 2.50	HSS-PM	ISO 529
UNC # 6-32	2B	E0226-32	3.51 .137	50.00 1.968	16.00 .629	6.30 .248	3	3.55 x 2.80	HSS-PM	ISO 529
UNC # 8-32	2B	E0228-32	4.17 .164	53.00 2.086	17.00 .669	6.70 .264	3	4.50 x 3.55	HSS-PM	ISO 529
UNC # 10-24	2B	E02210-24	4.83 .190	58.00 2.283	20.00 .787	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529
UNC # 12-24	2B	E02212-24	5.49 .215	62.00 2.440	21.00 .826	12.20 .480	3	5.60 x 4.50	HSS-PM	ISO 529
UNC 1/4-20	2B	E0221/4	6.35 .250	66.00 2.598	28.00 1.102	10.20 .402	3	6.30 x 5.00	HSS-PM	ISO 529
UNC 5/16-18	2B	E0225/16	7.94 .312	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529
UNC 3/8-16	2B	E0223/8	9.52 .375	80.00 3.149	34.00 1.338	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529
UNC 7/16-14	2B	E0227/16	11.11 .437	85.00 3.346	61.00 2.401	19.50 .768	3	8.00 x 6.30	HSS-PM	ISO 529
UNC 1/2-13	2B	E0221/2	12.70 .500	89.00 3.503	62.00 2.440	17.50 .689	3	9.00 x 7.10	HSS-PM	ISO 529
UNC 5/8-11	2B	E0225/8	15.88 .625	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529
UNC 3/4-10	2B	E0223/4	19.05 .750	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529
UNC 7/8-9	2B	E0227/8	22.22 .875	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529
UNC 1"-8	2B	E0221	25.40 1.000	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E023

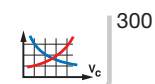
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
UNC
C
2.5
ST



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNC # 2-56	2B	E0232-56	2.18 .085	44.50 1.751	9.50 .374	9.50 .374	2	2.80 x 2.24	HSS-PM	ISO 529
UNC # 4-40	2B	E0234-40	2.84 .112	48.00 1.889	14.00 .551	6.20 .244	3	3.15 x 2.50	HSS-PM	ISO 529
UNC # 5-40	2B	E0235-40	3.18 .125	48.00 1.889	12.50 .492	14.50 .571	3	3.15 x 2.50	HSS-PM	ISO 529
UNC # 6-32	2B	E0236-32	3.51 .137	50.00 1.968	16.00 .629	6.30 .248	3	3.55 x 2.80	HSS-PM	ISO 529
UNC # 8-32	2B	E0238-32	4.17 .164	53.00 2.086	17.00 .669	6.70 .264	3	4.50 x 3.55	HSS-PM	ISO 529
UNC # 10-24	2B	E02310-24	4.83 .190	58.00 2.283	20.00 .787	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529
UNC # 12-24	2B	E02312-24	5.49 .215	62.00 2.440	21.00 .826	12.20 .480	3	5.60 x 4.50	HSS-PM	ISO 529
UNC 1/4-20	2B	E0231/4	6.35 .250	66.00 2.598	28.00 1.102	10.20 .402	3	6.30 x 5.00	HSS-PM	ISO 529
UNC 5/16-18	2B	E0235/16	7.94 .312	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529
UNC 3/8-16	2B	E0233/8	9.52 .375	80.00 3.149	34.00 1.338	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529
UNC 7/16-14	2B	E0237/16	11.11 .437	85.00 3.346	61.00 2.401	19.50 .768	3	8.00 x 6.30	HSS-PM	ISO 529
UNC 1/2-13	2B	E0231/2	12.70 .500	89.00 3.503	62.00 2.440	17.50 .689	3	9.00 x 7.10	HSS-PM	ISO 529
UNC 5/8-11	2B	E0235/8	15.88 .625	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529
UNC 3/4-10	2B	E0233/4	19.05 .750	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529
UNC 7/8-9	2B	E0237/8	22.22 .875	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529
UNC 1"-8	2B	E0231	25.40 1.000	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.

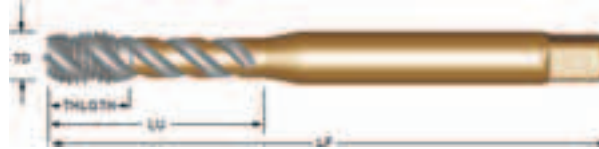


CoroTap™ 300

EX30

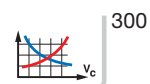
FHA
THFT
THCHT
ULDR (xTD)

45
UNF
C
2.5



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF # 8-36	2B	EX308-36	4.17	63.00	21.00	6.50	3	4.50 x 3.40	HSS-PM	DIN 2184-1
			.164	2.480	.826	.256				
UNF # 10-32	2B	EX3010-32	4.83	70.00	25.00	7.30	3	6.00 x 4.90	HSS-PM	DIN 2184-1
			.190	2.755	.984	.287				
UNF 1/4-28	2B	EX301/4	6.35	80.00	30.00	10.00	3	7.00 x 5.50	HSS-PM	DIN 2184-1
			.250	3.149	1.181	.394				
UNF 5/16-24	2B	EX305/16	7.94	90.00	35.00	12.00	3	8.00 x 6.20	HSS-PM	DIN 2184-1
			.312	3.543	1.377	.472				
UNF 3/8-24	2B	EX303/8	9.52	100.00	39.00	15.00	3	10.00 x 8.00	HSS-PM	DIN 2184-1
			.375	3.937	1.535	.591				
UNF 7/16-20	2B	EX307/16	11.11	100.00	75.75	15.00	3	8.00 x 6.20	HSS-PM	DIN 2184-1
			.437	3.937	2.982	.591				
UNF 1/2-20	2B	EX301/2	12.70	110.00	83.00	18.00	3	9.00 x 7.00	HSS-PM	DIN 2184-1
			.500	4.330	3.267	.709				
UNF 5/8-18	2B	EX305/8	15.88	110.00	67.75	20.00	4	12.00 x 9.00	HSS-PM	DIN 2184-1
			.625	4.330	2.667	.787				
UNF 3/4-16	2B	EX303/4	19.05	125.00	77.50	25.00	4	14.00 x 11.00	HSS-E	DIN 2184-1
			.750	4.921	3.051	.984				
UNF 7/8-14	2B	EX307/8	22.22	140.00	92.75	25.00	4	18.00 x 14.50	HSS-E	DIN 2184-1
			.875	5.511	3.651	.984				
UNF 1"-12	2B	EX301	25.40	160.00	113.00	30.00	4	18.00 x 14.50	HSS-E	DIN 2184-1
			1.000	6.299	4.448	1.181				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

EX31

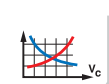
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
UNF
C
2.5
ST



		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 8-36	2B	EX318-36	4.17 .164	63.00 2.480	21.00 .826	6.50 .256	3	4.50 x 3.40	HSS-PM	DIN 2184-1	
UNF # 10-32	2B	EX3110-32	4.83 .190	70.00 2.755	25.00 .984	7.30 .287	3	6.00 x 4.90	HSS-PM	DIN 2184-1	
UNF 1/4-28	2B	EX311/4	6.35 .250	80.00 3.149	30.00 1.181	10.00 .394	3	7.00 x 5.50	HSS-PM	DIN 2184-1	
UNF 5/16-24	2B	EX315/16	7.94 .312	90.00 3.543	35.00 1.377	12.00 .472	3	8.00 x 6.20	HSS-PM	DIN 2184-1	
UNF 3/8-24	2B	EX313/8	9.52 .375	100.00 3.937	39.00 1.535	15.00 .591	3	10.00 x 8.00	HSS-PM	DIN 2184-1	
UNF 7/16-20	2B	EX317/16	11.11 .437	100.00 3.937	76.00 2.992	15.00 .591	3	8.00 x 6.20	HSS-PM	DIN 2184-1	
UNF 1/2-20	2B	EX311/2	12.70 .500	110.00 4.330	83.00 3.267	18.00 .709	3	9.00 x 7.00	HSS-PM	DIN 2184-1	
UNF 5/8-18	2B	EX315/8	15.88 .625	110.00 4.330	68.00 2.677	20.00 .787	4	12.00 x 9.00	HSS-PM	DIN 2184-1	
UNF 3/4-16	2B	EX313/4	19.05 .750	125.00 4.921	81.00 3.188	25.00 .984	4	14.00 x 11.00	HSS-E	DIN 2184-1	
UNF 7/8-14	2B	EX317/8	22.22 .875	140.00 5.511	93.00 3.661	25.00 .984	4	18.00 x 14.50	HSS-E	DIN 2184-1	
UNF 1"-12	2B	EX311	25.40 1.000	160.00 6.299	113.00 4.448	30.00 1.181	4	18.00 x 14.50	HSS-E	DIN 2184-1	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

E037

FHA
THFT
THCHT
ULDR (xTD) 45
UNF
C
2.5



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNS 1"-14	H4	3B	E0371-14	25.40 <i>1.000</i>	130.20 <i>5.125</i>	65.60 <i>2.582</i>	30.00 <i>1.181</i>	3	0.800 x 0.600	HSS-PM	ANSI	
UNF # 10-32	H2	3B	E03710-32	4.83 <i>.190</i>	60.32 <i>2.375</i>	21.42 <i>.843</i>	8.50 <i>.335</i>	3	0.194 x 0.152	HSS-PM	ANSI	
UNF 1/4-28	H3	3B	E0371/4	6.35 <i>.250</i>	63.50 <i>2.500</i>	27.92 <i>1.099</i>	10.00 <i>.394</i>	3	0.255 x 0.191	HSS-PM	ANSI	
UNF 5/16-24	H3	3B	E0375/16	7.94 <i>.312</i>	69.06 <i>2.718</i>	33.26 <i>1.309</i>	11.60 <i>.457</i>	3	0.318 x 0.238	HSS-PM	ANSI	
UNF 3/8-24	H3	3B	E0373/8	9.52 <i>.375</i>	74.61 <i>2.937</i>	36.61 <i>1.441</i>	13.50 <i>.531</i>	3	0.381 x 0.286	HSS-PM	ANSI	
UNF 7/16-20	H3	3B	E0377/16	11.11 <i>.437</i>	80.17 <i>3.156</i>	52.77 <i>2.077</i>	16.00 <i>.630</i>	3	0.323 x 0.242	HSS-PM	ANSI	
UNF 1/2-20	H3	3B	E0371/2	12.70 <i>.500</i>	85.72 <i>3.375</i>	57.52 <i>2.264</i>	17.50 <i>.689</i>	3	0.367 x 0.275	HSS-PM	ANSI	
UNF 9/16-18	H3	3B	E0379/16	14.29 <i>.562</i>	91.28 <i>3.593</i>	61.58 <i>2.424</i>	18.00 <i>.709</i>	3	0.429 x 0.322	HSS-PM	ANSI	
UNF 5/8-18	H3	3B	E0375/8	15.88 <i>.625</i>	96.84 <i>3.812</i>	52.64 <i>2.072</i>	18.00 <i>.709</i>	3	0.480 x 0.360	HSS-PM	ANSI	
UNF 3/4-16	H3	3B	E0373/4	19.05 <i>.750</i>	108.00 <i>4.251</i>	60.50 <i>2.381</i>	22.50 <i>.886</i>	3	0.590 x 0.442	HSS-PM	ANSI	
UNF 7/8-14	H4	3B	E0377/8	22.22 <i>.875</i>	119.00 <i>4.685</i>	69.90 <i>2.751</i>	25.00 <i>.984</i>	3	0.697 x 0.523	HSS-PM	ANSI	
UNF 1"-12	H4	3B	E0371-12	25.40 <i>1.000</i>	130.20 <i>5.125</i>	65.60 <i>2.582</i>	30.00 <i>1.181</i>	3	0.800 x 0.600	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E038

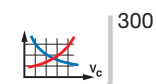
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
UNF
C
2.5
ST



			Dimensiones, mm, pulgadas									
TDZ	TCT	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNS 1"-14	H4	3B	E0381-14	25.40 1.000	130.20 5.125	65.60 2.582	30.00 1.181	3	0.800 x 0.600	HSS-PM	ANSI	
UNF # 10-32	H2	3B	E03810-32	4.83 .190	60.32 2.375	21.42 .843	8.50 .335	3	0.194 x 0.152	HSS-PM	ANSI	
UNF 1/4-28	H3	3B	E0381/4	6.35 .250	63.50 2.500	27.92 1.099	10.00 .394	3	0.255 x 0.191	HSS-PM	ANSI	
UNF 5/16-24	H3	3B	E0385/16	7.94 .312	69.06 2.718	31.34 1.233	11.60 .457	3	0.318 x 0.238	HSS-PM	ANSI	
UNF 3/8-24	H3	3B	E0383/8	9.52 .375	74.61 2.937	36.61 1.441	13.50 .531	3	0.381 x 0.286	HSS-PM	ANSI	
UNF 7/16-20	H3	3B	E0387/16	11.11 .437	80.17 3.156	52.77 2.077	16.00 .630	3	0.323 x 0.242	HSS-PM	ANSI	
UNF 1/2-20	H3	3B	E0381/2	12.70 .500	85.72 3.375	57.52 2.264	17.50 .689	3	0.367 x 0.275	HSS-PM	ANSI	
UNF 9/16-18	H3	3B	E0389/16	14.29 .562	91.28 3.593	61.58 2.424	18.00 .709	3	0.429 x 0.322	HSS-PM	ANSI	
UNF 5/8-18	H3	3B	E0385/8	15.88 .625	96.84 3.812	52.64 2.072	18.00 .709	3	0.480 x 0.360	HSS-PM	ANSI	
UNF 3/4-16	H3	3B	E0383/4	19.05 .750	108.00 4.251	60.50 2.381	22.50 .886	3	0.590 x 0.442	HSS-PM	ANSI	
UNF 7/8-14	H4	3B	E0387/8	22.22 .875	119.00 4.685	69.90 2.751	25.00 .984	3	0.697 x 0.523	HSS-PM	ANSI	
UNF 1"-12	H4	3B	E0381-12	25.40 1.000	130.20 5.125	65.60 2.582	30.00 1.181	3	0.800 x 0.600	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

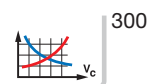
E032

FHA
THFT
THCHT
ULDR (xTD) 45
UNF
C
2.5



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
UNF # 8-36	2B	E0328-36	4.17	53.00	17.00	6.70	3	4.50 x 3.55	HSS-PM	ISO 529
			.164	2.086	.669	.264				
UNF # 10-32	2B	E03210-32	4.83	58.00	20.00	7.70	3	5.00 x 4.00	HSS-PM	ISO 529
			.190	2.283	.787	.303				
UNF 1/4-28	2B	E0321/4	6.35	66.00	28.00	10.20	3	6.30 x 5.00	HSS-PM	ISO 529
			.250	2.598	1.102	.402				
UNF 5/16-24	2B	E0325/16	7.94	72.00	31.00	11.60	3	8.00 x 6.30	HSS-PM	ISO 529
			.312	2.834	1.220	.457				
UNF 3/8-24	2B	E0323/8	9.52	80.00	34.00	15.10	3	10.00 x 8.00	HSS-PM	ISO 529
			.375	3.149	1.338	.594				
UNF 7/16-20	2B	E0327/16	11.11	85.00	61.00	19.50	3	8.00 x 6.30	HSS-PM	ISO 529
			.437	3.346	2.401	.768				
UNF 1/2-20	2B	E0321/2	12.70	89.00	62.00	17.50	3	9.00 x 7.10	HSS-PM	ISO 529
			.500	3.503	2.440	.689				
UNF 9/16-18	2B	E0329/16	14.29	95.00	66.00	24.50	3	11.20 x 9.00	HSS-PM	ISO 529
			.562	3.740	2.598	.965				
UNF 5/8-18	2B	E0325/8	15.88	102.00	59.00	18.00	4	12.50 x 10.00	HSS-PM	ISO 529
			.625	4.015	2.322	.709				
UNF 3/4-16	2B	E0323/4	19.05	112.00	68.00	22.50	4	14.00 x 11.20	HSS-PM	ISO 529
			.750	4.409	2.677	.886				
UNF 7/8-14	2B	E0327/8	22.22	118.00	72.00	29.50	4	16.00 x 12.50	HSS-PM	ISO 529
			.875	4.645	2.834	1.161				
UNF 1"-12	2B	E0321	25.40	130.00	82.00	35.50	4	18.00 x 14.00	HSS-PM	ISO 529
			1.000	5.118	3.228	1.398				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E033

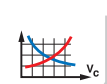
FHA
THFT
THCHT
ULDR (xTD)
COATING

45
UNF
C
2.5
ST



		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
UNF # 8-36	2B	E0338-36	4.17 .164	53.00 2.086	17.00 .669	6.70 .264	3	4.50 x 3.55	HSS-PM	ISO 529	
UNF # 10-32	2B	E03310-32	4.83 .190	58.00 2.283	20.00 .787	7.70 .303	3	5.00 x 4.00	HSS-PM	ISO 529	
UNF 1/4-28	2B	E0331/4	6.35 .250	66.00 2.598	28.00 1.102	10.20 .402	3	6.30 x 5.00	HSS-PM	ISO 529	
UNF 5/16-24	2B	E0335/16	7.94 .312	72.00 2.834	31.00 1.220	11.60 .457	3	8.00 x 6.30	HSS-PM	ISO 529	
UNF 3/8-24	2B	E0333/8	9.52 .375	80.00 3.149	34.00 1.338	15.10 .594	3	10.00 x 8.00	HSS-PM	ISO 529	
UNF 7/16-20	2B	E0337/16	11.11 .437	85.00 3.346	61.00 2.401	19.50 .768	3	8.00 x 6.30	HSS-PM	ISO 529	
UNF 1/2-20	2B	E0331/2	12.70 .500	89.00 3.503	62.00 2.440	17.50 .689	3	9.00 x 7.10	HSS-PM	ISO 529	
UNF 9/16-18	2B	E0339/16	14.29 .562	95.00 3.740	66.00 2.598	24.50 .965	3	11.20 x 9.00	HSS-PM	ISO 529	
UNF 5/8-18	2B	E0335/8	15.88 .625	102.00 4.015	59.00 2.322	18.00 .709	4	12.50 x 10.00	HSS-PM	ISO 529	
UNF 3/4-16	2B	E0333/4	19.05 .750	112.00 4.409	68.00 2.677	22.50 .886	4	14.00 x 11.20	HSS-PM	ISO 529	
UNF 7/8-14	2B	E0337/8	22.22 .875	118.00 4.645	72.00 2.834	29.50 1.161	4	16.00 x 12.50	HSS-PM	ISO 529	
UNF 1"-12	2B	E0331	25.40 1.000	130.00 5.118	82.00 3.228	35.50 1.398	4	18.00 x 14.00	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 300

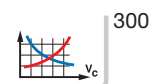
EX40

FHA 45
 THFT G
 THCHT C
 ULDR (xTD) 2.5



TDZ	TCTR	Código de pedido	Dimensiones, mm, pulgadas							
			TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
G 1/8-28	NORMAL	EX401/8	9.73 .382	90.00 3.543	67.00 2.637	13.00 .512	3	7.00 x 5.50	HSS-PM	DIN 5156
G 1/4-19	NORMAL	EX401/4	13.16 .517	100.00 3.937	71.00 2.795	15.00 .591	3	11.00 x 9.00	HSS-PM	DIN 5156
G 3/8-19	NORMAL	EX403/8	16.66 .655	100.00 3.937	58.00 2.283	15.00 .591	4	12.00 x 9.00	HSS-PM	DIN 5156
G 1/2-14	NORMAL	EX401/2	20.96 .825	125.00 4.921	80.00 3.149	18.00 .709	4	16.00 x 12.00	HSS-PM	DIN 5156
G 5/8-14	NORMAL	EX405/8	22.91 .902	125.00 4.921	78.00 3.070	18.00 .709	4	18.00 x 14.50	HSS-PM	DIN 5156
G 3/4-14	NORMAL	EX403/4	26.44 1.040	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-PM	DIN 5156
G 7/8-14	NORMAL	EX407/8	30.20 1.189	150.00 5.905	85.00 3.346	20.00 .787	4	22.00 x 18.00	HSS-PM	DIN 5156
G 1"-11	NORMAL	EX401	33.25 1.309	160.00 6.299	93.00 3.661	22.00 .866	4	25.00 x 20.00	HSS-PM	DIN 5156
G 1.1/8-11	NORMAL	EX401.1/8	37.90 1.492	170.00 6.692	101.00 3.976	22.00 .866	4	28.00 x 22.00	HSS-PM	DIN 5156
G 1.1/4-11	NORMAL	EX401.1/4	41.91 1.650	170.00 6.692	72.00 2.834	22.00 .866	4	32.00 x 24.00	HSS-PM	DIN 5156
G 1.1/2-11	NORMAL	EX401.1/2	47.80 1.882	190.00 7.480	87.00 3.425	23.00 .906	4	36.00 x 29.00	HSS-PM	DIN 5156

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

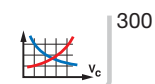
EX41

FHA	45
THFT	G
THCHT	C
ULDR (xTD)	2.5
COATING	ST



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
G 1/8-28	NORMAL	EX411/8	9.73 .382	90.00 3.543	67.00 2.637	13.00 .512	3	7.00 x 5.50	HSS-PM	DIN 5156
G 1/4-19	NORMAL	EX411/4	13.16 .517	100.00 3.937	71.00 2.795	15.00 .591	3	11.00 x 9.00	HSS-PM	DIN 5156
G 3/8-19	NORMAL	EX413/8	16.66 .655	100.00 3.937	58.00 2.283	15.00 .591	4	12.00 x 9.00	HSS-PM	DIN 5156
G 1/2-14	NORMAL	EX411/2	20.96 .825	125.00 4.921	80.00 3.149	18.00 .709	4	16.00 x 12.00	HSS-PM	DIN 5156
G 5/8-14	NORMAL	EX415/8	22.91 .902	125.00 4.921	78.00 3.070	18.00 .709	4	18.00 x 14.50	HSS-PM	DIN 5156
G 3/4-14	NORMAL	EX413/4	26.44 1.040	140.00 5.511	77.00 3.031	20.00 .787	4	20.00 x 16.00	HSS-PM	DIN 5156
G 7/8-14	NORMAL	EX417/8	30.20 1.189	150.00 5.905	85.00 3.346	20.00 .787	4	22.00 x 18.00	HSS-PM	DIN 5156
G 1"-11	NORMAL	EX411	33.25 1.309	160.00 6.299	93.00 3.661	22.00 .866	4	25.00 x 20.00	HSS-PM	DIN 5156
G 1.1/8-11	NORMAL	EX411.1/8	37.90 1.492	170.00 6.692	101.00 3.976	22.00 .866	4	28.00 x 22.00	HSS-PM	DIN 5156
G 1.1/4-11	NORMAL	EX411.1/4	41.91 1.650	170.00 6.692	72.00 2.834	22.00 .866	4	32.00 x 24.00	HSS-PM	DIN 5156
G 1.1/2-11	NORMAL	EX411.1/2	47.80 1.882	190.00 7.480	87.00 3.425	23.00 .906	4	36.00 x 29.00	HSS-PM	DIN 5156

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E735

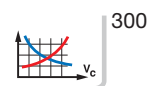
FHA
THFT
THCHT
ULDR (xTD)
COATING

15
NPT60
C
1.5
ST



			Dimensiones, mm, pulgadas							
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG
NPT 1/16-27	NORMAL	E7351/16	7.72 .303	80.00 3.149	56.00 2.204	14.00 .551	3	0.313 x 0.234	HSS-E	DIN/ANSI
NPT 1/8-27	NORMAL	E7351/8	10.06 .396	90.00 3.543	64.00 2.519	14.00 .551	4	0.437 x 0.328	HSS-E	DIN/ANSI
NPT 1/4-18	NORMAL	E7351/4	13.37 .526	100.00 3.937	59.00 2.322	20.00 .787	4	0.562 x 0.421	HSS-E	DIN/ANSI
NPT 3/8-18	NORMAL	E7353/8	16.81 .661	110.00 4.330	67.00 2.637	20.00 .787	5	0.700 x 0.531	HSS-E	DIN/ANSI
NPT 1/2-14	NORMAL	E7351/2	20.95 .824	125.00 4.921	79.00 3.110	26.00 1.024	5	0.687 x 0.515	HSS-E	DIN/ANSI
NPT 3/4-14	NORMAL	E7353/4	26.29 1.035	140.00 5.511	78.00 3.070	26.00 1.024	5	0.906 x 0.679	HSS-E	DIN/ANSI
NPT 1-11.5	NORMAL	E7351	32.91 1.295	150.00 5.905	58.00 2.283	31.00 1.220	5	1.125 x 0.843	HSS-E	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 300

E737

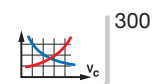
FHA
THFT
THCHT
ULDR (xTD)
COATING

15
NPTF60
C
1.5
ST



		Dimensiones, mm, pulgadas									
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	NOF	CZC_MS	SUBSTRATE	BSG	
NPTF 1/16-27	NORMAL	E7371/16	7.64 .300	80.00 3.149	56.00 2.204	14.00 .551	3	0.313 x 0.234	HSS-E	DIN/ANSI	
NPTF 1/8-27	NORMAL	E7371/8	9.98 .392	90.00 3.543	64.00 2.519	14.00 .551	4	0.437 x 0.328	HSS-E	DIN/ANSI	
NPTF 1/4-18	NORMAL	E7371/4	13.31 .524	100.00 3.937	59.00 2.322	20.00 .787	4	0.562 x 0.421	HSS-E	DIN/ANSI	
NPTF 3/8-18	NORMAL	E7373/8	16.75 .659	110.00 4.330	67.00 2.637	20.00 .787	5	0.700 x 0.531	HSS-E	DIN/ANSI	
NPTF 1/2-14	NORMAL	E7371/2	20.92 .823	125.00 4.921	79.00 3.110	26.00 1.024	5	0.687 x 0.515	HSS-E	DIN/ANSI	
NPTF 3/4-14	NORMAL	E7373/4	26.27 1.034	140.00 5.511	78.00 3.070	26.00 1.024	5	0.906 x 0.679	HSS-E	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



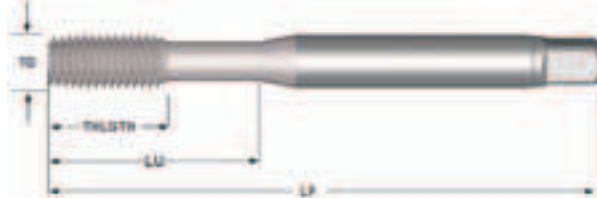
276

CoroTap™ 400

T115

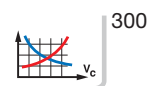
THFT
THCHT
ULDR (xTD)
COATING

M
C
3.0
TiCN



			Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M3	0.50	6HX	T115M3	3.00 .118	56.00 2.204	35.00 1.377	10.00 .394	3.50 x 2.70	HM	DIN 2174
M4	0.70	6HX	T115M4	4.00 .157	63.00 2.480	42.00 1.653	13.00 .512	4.50 x 3.40	HM	DIN 2174
M5	0.80	6HX	T115M5	5.00 .196	70.00 2.755	47.00 1.850	16.00 .630	6.00 x 4.90	HM	DIN 2174
M6	1.00	6HX	T115M6	6.00 .236	80.00 3.149	30.00 1.181	19.00 .748	6.00 x 4.90	HM	DIN 2174
M8	1.25	6HX	T115M8	8.00 .314	90.00 3.543	35.00 1.377	22.00 .866	8.00 x 6.20	HM	DIN 2174
M10	1.50	6HX	T115M10	10.00 .393	100.00 3.937	39.00 1.535	24.00 .945	10.00 x 8.00	HM	DIN 2174

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

T116

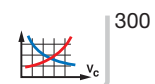
THFT
THCMT
ULDR (xTD)
COATING

M
C
3.0
TiCN



			Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M5	0.80	6HX	T116M5	5.00 .196	70.00 2.755	47.00 1.850	16.00 .630	6.00 x 4.90	HM	DIN 2174
M6	1.00	6HX	T116M6	6.00 .236	80.00 3.149	30.00 1.181	19.00 .748	6.00 x 4.90	HM	DIN 2174
M8	1.25	6HX	T116M8	8.00 .314	90.00 3.543	35.00 1.377	22.00 .866	8.00 x 6.20	HM	DIN 2174
M10	1.50	6HX	T116M10	10.00 .393	100.00 3.937	39.00 1.535	24.00 .945	10.00 x 8.00	HM	DIN 2174
M12	1.75	6HX	T116M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	9.00 x 7.00	HM	DIN 2174

Para la explicación de los parámetros, véanse las páginas 1 y 7.

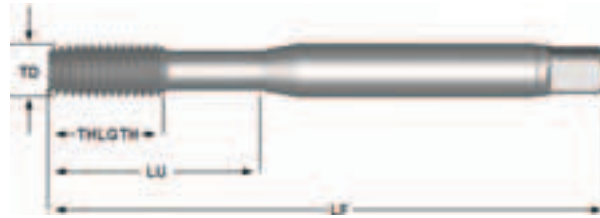


CoroTap™ 400

E301

THFT
THCHT
ULDR (xTD)

M
C
3.0



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M1	0.25	5HX	E301M1	1.00 .039	40.00 1.574	20.00 .787	5.50 .217	2.50 x 2.10	HSS-E	DIN 2174
M1.2	0.25	5HX	E301M1.2	1.20 .047	40.00 1.574	20.00 .787	5.50 .217	2.50 x 2.10	HSS-E	DIN 2174
M1.4	0.30	5HX	E301M1.4	1.40 .055	40.00 1.574	20.00 .787	7.00 .276	2.50 x 2.10	HSS-E	DIN 2174
M1.6	0.35	6HX	E301M1.6	1.60 .062	40.00 1.574	20.00 .787	8.00 .315	2.50 x 2.10	HSS-E	DIN 2174
M1.7	0.35	6HX	E301M1.7	1.70 .066	40.00 1.574	20.00 .787	8.00 .315	2.50 x 2.10	HSS-E	DIN 2174
M1.8	0.35	6HX	E301M1.8	1.80 .070	40.00 1.574	20.00 .787	8.00 .315	2.50 x 2.10	HSS-E	DIN 2174
M2	0.40	6HX	E301M2	2.00 .078	45.00 1.771	11.00 .433	6.00 .236	2.80 x 2.10	HSS-E	DIN 2174
M2.2	0.45	6HX	E301M2.2	2.20 .086	45.00 1.771	12.00 .472	7.00 .276	2.80 x 2.10	HSS-E	DIN 2174
M2.3	0.40	6HX	E301M2.3	2.30 .090	45.00 1.771	12.00 .472	7.00 .276	2.80 x 2.10	HSS-E	DIN 2174
M2.5	0.45	6HX	E301M2.5	2.50 .098	50.00 1.968	14.00 .551	8.00 .315	2.80 x 2.10	HSS-E	DIN 2174
M2.6	0.45	6HX	E301M2.6	2.60 .102	50.00 1.968	14.00 .551	8.00 .315	2.80 x 2.10	HSS-E	DIN 2174
M3	0.50	6HX	E301M3	3.00 .118	56.00 2.204	18.00 .708	9.00 .354	3.50 x 2.70	HSS-E	DIN 2174
M3.5	0.60	6HX	E301M3.5	3.50 .137	56.00 2.204	20.00 .787	11.00 .433	4.00 x 3.00	HSS-E	DIN 2174
M4	0.70	6HX	E301M4	4.00 .157	63.00 2.480	21.00 .826	12.00 .472	4.50 x 3.40	HSS-E	DIN 2174
M5	0.80	6HX	E301M5	5.00 .196	70.00 2.755	25.00 .984	13.00 .512	6.00 x 4.90	HSS-E	DIN 2174
M6	1.00	6HX	E301M6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	6.00 x 4.90	HSS-E	DIN 2174
M8	1.25	6HX	E301M8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	8.00 x 6.20	HSS-E	DIN 2174
M10	1.50	6HX	E301M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	10.00 x 8.00	HSS-E	DIN 2174
M12	1.75	6HX	E301M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	9.00 x 7.00	HSS-E	DIN 2174
M16	2.00	6HX	E301M16	16.00 .629	110.00 4.330	68.00 2.677	25.00 .984	12.00 x 9.00	HSS-E	DIN 2174
M20	2.50	6HX	E301M20	20.00 .787	140.00 5.511	70.00 2.755	30.00 1.181	16.00 x 12.00	HSS-E	DIN 2174
M24	3.00	6HX	E301M24	24.00 .944	160.00 6.299	80.00 3.149	36.00 1.417	18.00 x 14.50	HSS-E	DIN 2174

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

E302

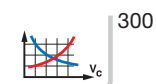
THFT
THCMT
ULDR (xTD)
COATING

M
C
3.0
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M1	0.25	5HX	E302M1	1.00	40.00	20.00	5.50	2.50 x 2.10	HSS-E	DIN 2174
				.039	1.574	.787	.217			
M1.2	0.25	5HX	E302M1.2	1.20	40.00	20.00	5.50	2.50 x 2.10	HSS-E	DIN 2174
				.047	1.574	.787	.217			
M1.4	0.30	5HX	E302M1.4	1.40	40.00	20.00	7.00	2.50 x 2.10	HSS-E	DIN 2174
				.055	1.574	.787	.276			
M1.6	0.35	6HX	E302M1.6	1.60	40.00	20.00	8.00	2.50 x 2.10	HSS-E	DIN 2174
				.062	1.574	.787	.315			
M1.7	0.35	6HX	E302M1.7	1.70	40.00	20.00	8.00	2.50 x 2.10	HSS-E	DIN 2174
				.066	1.574	.787	.315			
M1.8	0.35	6HX	E302M1.8	1.80	40.00	20.00	8.00	2.50 x 2.10	HSS-E	DIN 2174
				.070	1.574	.787	.315			
M2	0.40	6HX	E302M2	2.00	45.00	11.00	6.00	2.80 x 2.10	HSS-E	DIN 2174
				.078	1.771	.433	.236			
M2.2	0.45	6HX	E302M2.2	2.20	45.00	12.00	7.00	2.80 x 2.10	HSS-E	DIN 2174
				.086	1.771	.472	.276			
M2.3	0.40	6HX	E302M2.3	2.30	45.00	12.00	7.00	2.80 x 2.10	HSS-E	DIN 2174
				.090	1.771	.472	.276			
M2.5	0.45	6HX	E302M2.5	2.50	50.00	14.00	8.00	2.80 x 2.10	HSS-E	DIN 2174
				.098	1.968	.551	.315			
M2.6	0.45	6HX	E302M2.6	2.60	50.00	14.00	8.00	2.80 x 2.10	HSS-E	DIN 2174
				.102	1.968	.551	.315			
M3	0.50	6HX	E302M3	3.00	56.00	18.00	9.00	3.50 x 2.70	HSS-E	DIN 2174
				.118	2.204	.708	.354			
M3.5	0.60	6HX	E302M3.5	3.50	56.00	20.00	11.00	4.00 x 3.00	HSS-E	DIN 2174
				.137	2.204	.787	.433			
M4	0.70	6HX	E302M4	4.00	63.00	21.00	12.00	4.50 x 3.40	HSS-E	DIN 2174
				.157	2.480	.826	.472			
M5	0.80	6HX	E302M5	5.00	70.00	25.00	13.00	6.00 x 4.90	HSS-E	DIN 2174
				.196	2.755	.984	.512			
M6	1.00	6HX	E302M6	6.00	80.00	30.00	15.00	6.00 x 4.90	HSS-E	DIN 2174
				.236	3.149	1.181	.591			
M8	1.25	6HX	E302M8	8.00	90.00	35.00	18.00	8.00 x 6.20	HSS-E	DIN 2174
				.314	3.543	1.377	.709			

Para la explicación de los parámetros, véanse las páginas 1 y 7

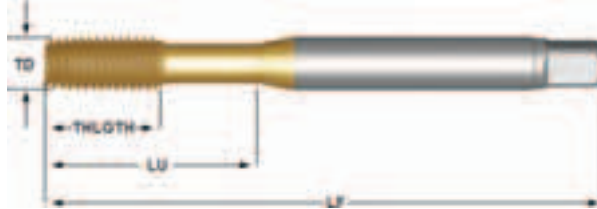


CoroTap™ 400

E302

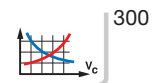
THFT
THCHT
ULDR (xTD)
COATING

M
C
3.0
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M10	1.50	6HX	E302M10	10.00	100.00	39.00	20.00	10.00 x 8.00	HSS-E	DIN 2174
				.393	3.937	1.535	.787			
M12	1.75	6HX	E302M12	12.00	110.00	83.00	23.00	9.00 x 7.00	HSS-E	DIN 2174
				.472	4.330	3.267	.906			
M16	2.00	6HX	E302M16	16.00	110.00	68.00	25.00	12.00 x 9.00	HSS-E	DIN 2174
				.629	4.330	2.677	.984			
M20	2.50	6HX	E302M20	20.00	140.00	70.00	30.00	16.00 x 12.00	HSS-E	DIN 2174
				.787	5.511	2.755	1.181			
M24	3.00	6HX	E302M24	24.00	160.00	80.00	36.00	18.00 x 14.50	HSS-E	DIN 2174
				.944	6.299	3.149	1.417			

Para la explicación de los parámetros, véanse las páginas 1 y 7



CoroTap™ 400

E306

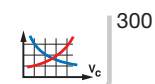
THFT
THCMT
ULDR (xTD)
COATING

M
C
3.0
CrN



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6HX	E306M3	3.00	56.00	18.00	9.00	3.50 x 2.70	HSS-E	DIN 2174	
				.118	2.204	.708	.354				
M4	0.70	6HX	E306M4	4.00	63.00	21.00	12.00	4.50 x 3.40	HSS-E	DIN 2174	
				.157	2.480	.826	.472				
M5	0.80	6HX	E306M5	5.00	70.00	25.00	13.00	6.00 x 4.90	HSS-E	DIN 2174	
				.196	2.755	.984	.512				
M6	1.00	6HX	E306M6	6.00	80.00	30.00	15.00	6.00 x 4.90	HSS-E	DIN 2174	
				.236	3.149	1.181	.591				
M8	1.25	6HX	E306M8	8.00	90.00	35.00	18.00	8.00 x 6.20	HSS-E	DIN 2174	
				.314	3.543	1.377	.709				
M10	1.50	6HX	E306M10	10.00	100.00	39.00	20.00	10.00 x 8.00	HSS-E	DIN 2174	
				.393	3.937	1.535	.787				
M12	1.75	6HX	E306M12	12.00	110.00	83.00	23.00	9.00 x 7.00	HSS-E	DIN 2174	
				.472	4.330	3.267	.906				

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



276

CoroTap™ 400

E309

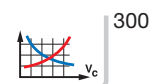
THFT
THCHT
ULDR (xTD)
COATING

M
C
3.0
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M3	0.50	6GX	E309M3	3.00	56.00	18.00	9.00	3.50 x 2.70	HSS-E	DIN 2174
				.118	2.204	.708	.354			
M3.5	0.60	6GX	E309M3.5	3.50	56.00	20.00	11.00	4.00 x 3.00	HSS-E	DIN 2174
				.137	2.204	.787	.433			
M4	0.70	6GX	E309M4	4.00	63.00	21.00	12.00	4.50 x 3.40	HSS-E	DIN 2174
				.157	2.480	.826	.472			
M5	0.80	6GX	E309M5	5.00	70.00	25.00	13.00	6.00 x 4.90	HSS-E	DIN 2174
				.196	2.755	.984	.512			
M6	1.00	6GX	E309M6	6.00	80.00	30.00	15.00	6.00 x 4.90	HSS-E	DIN 2174
				.236	3.149	1.181	.591			
M8	1.25	6GX	E309M8	8.00	90.00	35.00	18.00	8.00 x 6.20	HSS-E	DIN 2174
				.314	3.543	1.377	.709			
M10	1.50	6GX	E309M10	10.00	100.00	39.00	20.00	10.00 x 8.00	HSS-E	DIN 2174
				.393	3.937	1.535	.787			
M12	1.75	6GX	E309M12	12.00	110.00	83.00	23.00	9.00 x 7.00	HSS-E	DIN 2174
				.472	4.330	3.267	.906			

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

E305

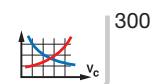
THFT
THCHT
ULDR (xTD)
COATING

M
E
3.0
TiN



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6HX	E305M3	3.00	56.00	18.00	9.00	3.50 x 2.70	HSS-E	DIN 2174	
				.118	2.204	.708	.354				
M4	0.70	6HX	E305M4	4.00	63.00	21.00	12.00	4.50 x 3.40	HSS-E	DIN 2174	
				.157	2.480	.826	.472				
M5	0.80	6HX	E305M5	5.00	70.00	25.00	13.00	6.00 x 4.90	HSS-E	DIN 2174	
				.196	2.755	.984	.512				
M6	1.00	6HX	E305M6	6.00	80.00	30.00	15.00	6.00 x 4.90	HSS-E	DIN 2174	
				.236	3.149	1.181	.591				
M8	1.25	6HX	E305M8	8.00	90.00	35.00	18.00	8.00 x 6.20	HSS-E	DIN 2174	
				.314	3.543	1.377	.709				
M10	1.50	6HX	E305M10	10.00	100.00	39.00	20.00	10.00 x 8.00	HSS-E	DIN 2174	
				.393	3.937	1.535	.787				

Para la explicación de los parámetros, véanse las páginas 1 y 7.

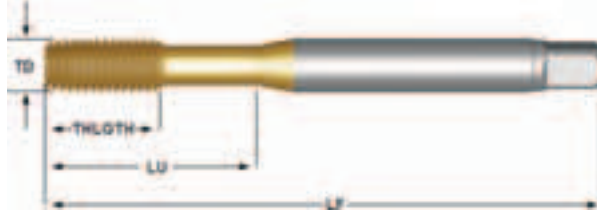


CoroTap™ 400

E310

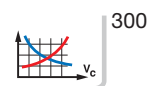
THFT
THCHT
ULDR (xTD)
COATING

M
E
3.0
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M3	0.50	6GX	E310M3	3.00 .118	56.00 2.204	18.00 .708	9.00 .354	3.50 x 2.70	HSS-E	DIN 2174
M4	0.70	6GX	E310M4	4.00 .157	63.00 2.480	21.00 .826	12.00 .472	4.50 x 3.40	HSS-E	DIN 2174
M5	0.80	6GX	E310M5	5.00 .196	70.00 2.755	25.00 .984	13.00 .512	6.00 x 4.90	HSS-E	DIN 2174
M6	1.00	6GX	E310M6	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	6.00 x 4.90	HSS-E	DIN 2174
M8	1.25	6GX	E310M8	8.00 .314	90.00 3.543	35.00 1.377	18.00 .709	8.00 x 6.20	HSS-E	DIN 2174
M10	1.50	6GX	E310M10	10.00 .393	100.00 3.937	39.00 1.535	20.00 .787	10.00 x 8.00	HSS-E	DIN 2174

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

E308

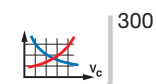
THFT
THCHT
ULDR (xTD)
COATING

M
C
3.5
TiN



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
M3	0.50	6HX	E308M3	3.00	56.00	18.00	9.00	3.50 x 2.70	HSS-E	DIN 2174	
				.118	2.204	.708	.354				
M4	0.70	6HX	E308M4	4.00	63.00	21.00	12.00	4.50 x 3.40	HSS-E	DIN 2174	
				.157	2.480	.826	.472				
M5	0.80	6HX	E308M5	5.00	70.00	25.00	13.00	6.00 x 4.90	HSS-E	DIN 2174	
				.196	2.755	.984	.512				
M6	1.00	6HX	E308M6	6.00	80.00	30.00	15.00	6.00 x 4.90	HSS-E	DIN 2174	
				.236	3.149	1.181	.591				
M7	1.00	6HX	E308M7	7.00	80.00	30.00	15.00	7.00 x 5.50	HSS-E	DIN 2174	
				.275	3.149	1.181	.591				
M8	1.25	6HX	E308M8	8.00	90.00	35.00	18.00	8.00 x 6.20	HSS-E	DIN 2174	
				.314	3.543	1.377	.709				
M10	1.50	6HX	E308M10	10.00	100.00	39.00	20.00	10.00 x 8.00	HSS-E	DIN 2174	
				.393	3.937	1.535	.787				
M12	1.75	6HX	E308M12	12.00	110.00	83.00	23.00	9.00 x 7.00	HSS-E	DIN 2174	
				.472	4.330	3.267	.906				
M14	2.00	6HX	E308M14	14.00	110.00	81.00	25.00	11.00 x 9.00	HSS-E	DIN 2174	
				.551	4.330	3.188	.984				
M16	2.00	6HX	E308M16	16.00	110.00	68.00	25.00	12.00 x 9.00	HSS-E	DIN 2174	
				.629	4.330	2.677	.984				
M20	2.50	6HX	E308M20	20.00	140.00	95.00	30.00	16.00 x 12.00	HSS-E	DIN 2174	
				.787	5.511	3.740	1.181				
M24	3.00	6HX	E308M24	24.00	160.00	113.00	36.00	18.00 x 14.50	HSS-E	DIN 2174	
				.944	6.299	4.448	1.417				

Para la explicación de los parámetros, véanse las páginas 1 y 7.

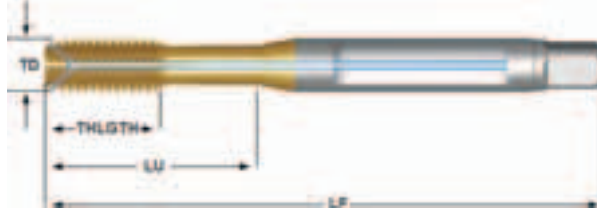


CoroTap™ 400

E315

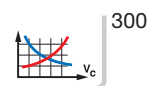
THFT
THCHT
ULDR (xTD)
COATING

M
C
3.5
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M5	0.80	6HX	E315M5	5.00 .196	70.00 2.755	21.00 .826	13.00 .512	6.00 x 4.90	HSS-E	DIN 2174
M6	1.00	6HX	E315M6	6.00 .236	80.00 3.149	26.00 1.023	15.00 .591	6.00 x 4.90	HSS-E	DIN 2174
M8	1.25	6HX	E315M8	8.00 .314	90.00 3.543	30.00 1.181	18.00 .709	8.00 x 6.20	HSS-E	DIN 2174
M10	1.50	6HX	E315M10	10.00 .393	100.00 3.937	33.00 1.299	20.00 .787	10.00 x 8.00	HSS-E	DIN 2174
M12	1.75	6HX	E315M12	12.00 .472	110.00 4.330	83.00 3.267	23.00 .906	9.00 x 7.00	HSS-E	DIN 2174

Para la explicación de los parámetros, véanse las páginas 1 y 7.

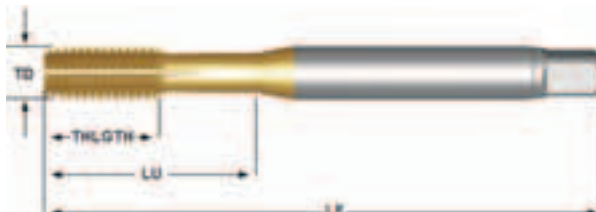


CoroTap™ 400

E890

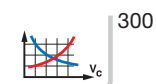
THFT
THCHT
ULDR (xTD)
COATING

M
C
3.0
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M3	0.50	6H	E890M3	3.00	56.00	18.81	18.81	0.141 x 0.110	HSS-PM	DIN/ANSI
				.118	2.204	.740	.740			
M4	0.70	6H	E890M4	4.00	63.00	16.58	16.51	0.168 x 0.131	HSS-PM	DIN/ANSI
				.157	2.480	.652	.650			
M5	0.80	6H	E890M5	5.00	70.00	21.42	19.30	0.194 x 0.152	HSS-PM	DIN/ANSI
				.196	2.755	.843	.760			
M6	1.00	6H	E890M6	6.00	80.00	25.59	15.01	0.255 x 0.191	HSS-PM	DIN/ANSI
				.236	3.149	1.007	.591			
M8	1.25	6H	E890M8	8.00	90.00	30.20	18.01	0.318 x 0.238	HSS-PM	DIN/ANSI
				.314	3.543	1.189	.709			
M10	1.50	6H	E890M10	10.00	100.00	32.80	19.99	0.381 x 0.286	HSS-PM	DIN/ANSI
				.393	3.937	1.291	.787			
M12	1.75	6H	E890M12	12.00	110.00	87.00	23.01	0.367 x 0.275	HSS-PM	DIN/ANSI
				.472	4.330	3.425	.906			
M16	2.00	6H	E890M16	16.00	110.00	72.00	23.01	0.480 x 0.360	HSS-PM	DIN/ANSI
				.629	4.330	2.834	.906			
M18	2.50	6H	E890M18	18.00	125.00	87.00	30.00	0.542 x 0.406	HSS-PM	DIN/ANSI
				.708	4.921	3.425	1.181			
M20	2.50	6H	E890M20	20.00	140.00	102.00	35.99	0.652 x 0.489	HSS-PM	DIN/ANSI
				.787	5.511	4.015	1.417			

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



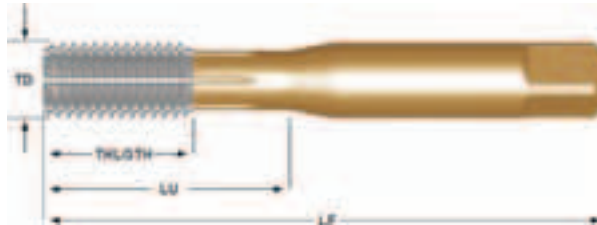
276

CoroTap™ 400

E094

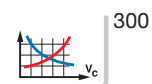
THFT
THCHT
ULDR (xTD)

M
C
2.5



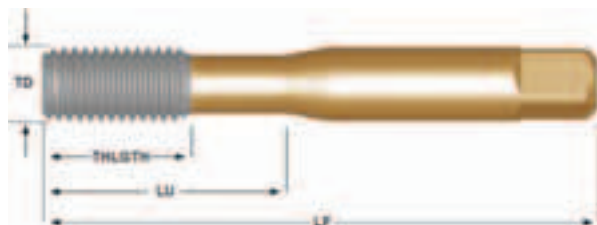
				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M3	0.50	6HX	E094M3	3.00 .118	50.80 2.000	18.81 .740	20.00 .787	0.141 x 0.110	HSS-PM	ANSI
M4	0.70	6HX	E094M4	4.00 .157	53.98 2.125	16.58 .652	7.90 .311	0.168 x 0.131	HSS-PM	ANSI
M5	0.80	6HX	E094M5	5.00 .196	60.32 2.375	21.42 .843	12.70 .500	0.194 x 0.152	HSS-PM	ANSI
M6	1.00	6HX	E094M6	6.00 .236	63.50 2.500	25.59 1.007	15.30 .602	0.255 x 0.191	HSS-PM	ANSI
M8	1.25	6HX	E094M8	8.00 .314	69.06 2.718	30.20 1.189	18.20 .717	0.318 x 0.238	HSS-PM	ANSI
M10	1.50	6HX	E094M10	10.00 .393	74.61 2.937	32.80 1.291	19.10 .752	0.381 x 0.286	HSS-PM	ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

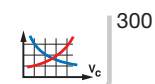
E090

THFT
THCMT
ULDR (xTD)M
C
2.5

P N

			Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M2	0.40	6HX	E090M2	2.00 .078	41.00 1.614	8.00 .314	8.00 .315	2.50 x 2.00	HSS-E	ISO 529
M2.5	0.45	6HX	E090M2.5	2.50 .098	44.50 1.751	9.50 .374	9.50 .374	2.80 x 2.24	HSS-E	ISO 529
M3	0.50	6HX	E090M3	3.00 .118	48.00 1.889	12.50 .492	12.50 .492	3.15 x 2.50	HSS-PM	ISO 529
M3.5	0.60	6HX	E090M3.5	3.50 .137	50.00 1.968	16.50 .649	16.50 .650	3.55 x 2.80	HSS-PM	ISO 529
M4	0.70	6HX	E090M4	4.00 .157	53.00 2.086	17.00 .669	17.00 .669	4.00 x 3.15	HSS-PM	ISO 529
M5	0.80	6HX	E090M5	5.00 .196	58.00 2.283	21.50 .846	11.00 .433	5.00 x 4.00	HSS-PM	ISO 529
M6	1.00	6HX	E090M6	6.00 .236	66.00 2.598	26.00 1.023	13.00 .512	6.30 x 5.00	HSS-PM	ISO 529
M8	1.25	6HX	E090M8	8.00 .314	72.00 2.834	29.40 1.157	16.00 .630	8.00 x 6.30	HSS-PM	ISO 529
M10	1.50	6HX	E090M10	10.00 .393	80.00 3.149	33.50 1.318	18.00 .709	10.00 x 8.00	HSS-PM	ISO 529
M12	1.75	6HX	E090M12	12.00 .472	89.00 3.503	62.00 2.440	22.00 .866	9.00 x 7.10	HSS-PM	ISO 529
M16	2.00	6HX	E090M16	16.00 .629	102.00 4.015	59.00 2.322	24.00 .945	12.50 x 10.00	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



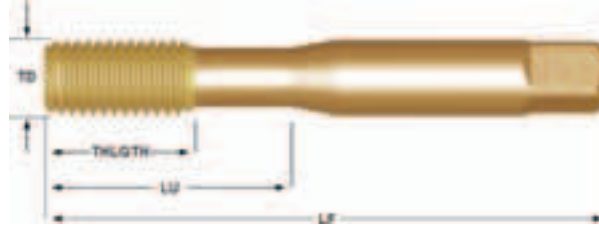
276

CoroTap™ 400

E091

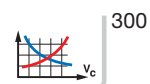
THFT
THCHT
ULDR (xTD)
COATING

M
C
2.5
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M2	0.40	6HX	E091M2	2.00 .078	41.00 1.614	8.00 .314	8.00 .315	2.50 x 2.00	HSS-E	ISO 529
M2.5	0.45	6HX	E091M2.5	2.50 .098	44.50 1.751	9.50 .374	9.50 .374	2.80 x 2.24	HSS-E	ISO 529
M3	0.50	6HX	E091M3	3.00 .118	48.00 1.889	12.50 .492	12.50 .492	3.15 x 2.50	HSS-PM	ISO 529
M3.5	0.60	6HX	E091M3.5	3.50 .137	50.00 1.968	16.50 .649	16.50 .650	3.55 x 2.80	HSS-PM	ISO 529
M4	0.70	6HX	E091M4	4.00 .157	53.00 2.086	17.00 .669	17.00 .669	4.00 x 3.15	HSS-PM	ISO 529
M5	0.80	6HX	E091M5	5.00 .196	58.00 2.283	21.50 .846	11.00 .433	5.00 x 4.00	HSS-PM	ISO 529
M6	1.00	6HX	E091M6	6.00 .236	66.00 2.598	26.00 1.023	13.00 .512	6.30 x 5.00	HSS-PM	ISO 529
M8	1.25	6HX	E091M8	8.00 .314	72.00 2.834	29.40 1.157	16.00 .630	8.00 x 6.30	HSS-PM	ISO 529
M10	1.50	6HX	E091M10	10.00 .393	80.00 3.149	33.50 1.318	18.00 .709	10.00 x 8.00	HSS-PM	ISO 529
M12	1.75	6HX	E091M12	12.00 .472	89.00 3.503	62.00 2.440	22.00 .866	9.00 x 7.10	HSS-PM	ISO 529
M16	2.00	6HX	E091M16	16.00 .629	102.00 4.015	59.00 2.322	24.00 .945	12.50 x 10.00	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

E096

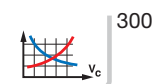
THFT
THCMT
ULDR (xTD)
COATING

M
C
2.5
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M3	0.50	6HX	E096M3	3.00 .118	48.00 1.889	12.50 .492	12.50 .492	3.15 x 2.50	HSS-PM	ISO 529
M4	0.70	6HX	E096M4	4.00 .157	53.00 2.086	26.00 1.023	17.00 .669	4.00 x 3.15	HSS-PM	ISO 529
M5	0.80	6HX	E096M5	5.00 .196	58.00 2.283	18.00 .708	11.00 .433	5.00 x 4.00	HSS-PM	ISO 529
M6	1.00	6HX	E096M6	6.00 .236	66.00 2.598	22.00 .866	13.00 .512	6.30 x 5.00	HSS-PM	ISO 529
M8	1.25	6HX	E096M8	8.00 .314	72.00 2.834	25.00 .984	16.00 .630	8.00 x 6.30	HSS-PM	ISO 529
M10	1.50	6HX	E096M10	10.00 .393	80.00 3.149	29.00 1.141	18.00 .709	10.00 x 8.00	HSS-PM	ISO 529
M12	1.75	6HX	E096M12	12.00 .472	89.00 3.503	62.00 2.440	22.00 .866	9.00 x 7.10	HSS-PM	ISO 529
M16	2.00	6HX	E096M16	16.00 .629	102.00 4.015	59.00 2.322	24.00 .945	12.50 x 10.00	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.

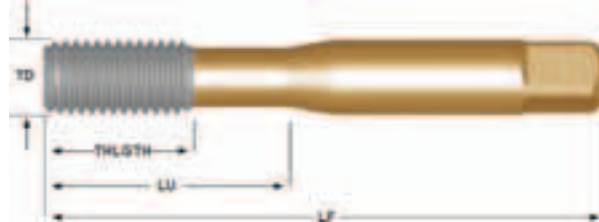


CoroTap™ 400

E097

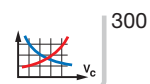
THFT
THCHT
ULDR (xTD)
COATING

M
C
2.5
CrN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
M2	0.40	6HX	E097M2	2.00 .078	41.00 1.614	8.00 .314	8.00 .315	2.50 x 2.00	HSS-E	ISO 529
M2.5	0.45	6HX	E097M2.5	2.50 .098	44.50 1.751	9.50 .374	9.50 .374	2.80 x 2.24	HSS-E	ISO 529
M3	0.50	6HX	E097M3	3.00 .118	48.00 1.889	12.50 .492	12.50 .492	3.15 x 2.50	HSS-PM	ISO 529
M4	0.70	6HX	E097M4	4.00 .157	53.00 2.086	17.00 .669	17.00 .669	4.00 x 3.15	HSS-PM	ISO 529
M5	0.80	6HX	E097M5	5.00 .196	58.00 2.283	21.50 .846	11.00 .433	5.00 x 4.00	HSS-PM	ISO 529
M6	1.00	6HX	E097M6	6.00 .236	66.00 2.598	26.00 1.023	13.00 .512	6.30 x 5.00	HSS-PM	ISO 529
M8	1.25	6HX	E097M8	8.00 .314	72.00 2.834	29.40 1.157	16.00 .630	8.00 x 6.30	HSS-PM	ISO 529
M10	1.50	6HX	E097M10	10.00 .393	80.00 3.149	33.50 1.318	18.00 .709	10.00 x 8.00	HSS-PM	ISO 529
M12	1.75	6HX	E097M12	12.00 .472	89.00 3.503	62.00 2.440	22.00 .866	9.00 x 7.10	HSS-PM	ISO 529
M16	2.00	6HX	E097M16	16.00 .629	102.00 4.015	59.00 2.322	24.00 .945	12.50 x 10.00	HSS-PM	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

E099

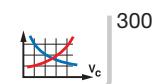
THFT
THCMT
ULDR (xTD)
COATING

M
C
3.0
TiN



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
M4	0.70	6HX	E099M4	4.00 .157	53.00 2.086	14.00 .551	17.00 .669	4.00 x 3.15	HSS-PM	ISO 529	
M5	0.80	6HX	E099M5	5.00 .196	58.00 2.283	22.00 .866	11.00 .433	5.00 x 4.00	HSS-PM	ISO 529	
M6	1.00	6HX	E099M6	6.00 .236	66.00 2.598	26.00 1.023	13.00 .512	6.30 x 5.00	HSS-PM	ISO 529	
M8	1.25	6HX	E099M8	8.00 .314	72.00 2.834	29.00 1.141	16.00 .630	8.00 x 6.30	HSS-PM	ISO 529	
M10	1.50	6HX	E099M10	10.00 .393	80.00 3.149	34.00 1.338	18.00 .709	10.00 x 8.00	HSS-PM	ISO 529	
M12	1.75	6HX	E099M12	12.00 .472	89.00 3.503	62.00 2.440	22.00 .866	9.00 x 7.10	HSS-PM	ISO 529	
M16	2.00	6HX	E099M16	16.00 .629	102.00 4.015	59.00 2.322	24.00 .945	12.50 x 10.00	HSS-PM	ISO 529	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

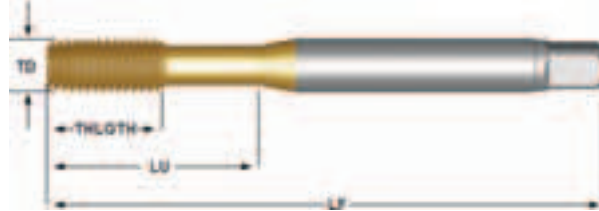


CoroTap™ 400

E317

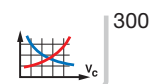
THFT
THCHT
ULDR (xTD)
COATING

MF
C
3.0
TiN



				Dimensiones, mm, pulgadas						
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
MF 5x0.5	0.50	6HX	E317M5X0.5	5.00 .196	70.00 2.755	25.00 .984	13.00 .512	6.00 x 4.90	HSS-E	DIN 2174
MF 6x0.75	0.75	6HX	E317M6X0.75	6.00 .236	80.00 3.149	30.00 1.181	15.00 .591	6.00 x 4.90	HSS-E	DIN 2174
MF 7x0.75	0.75	6HX	E317M7X0.75	7.00 .275	80.00 3.149	30.00 1.181	15.00 .591	7.00 x 5.50	HSS-E	DIN 2174
MF 8x0.75	0.75	6HX	E317M8X.75	8.00 .314	80.00 3.149	57.00 2.244	18.00 .709	7.00 x 5.50	HSS-E	DIN 2174
MF 8x1.0	1.00	6HX	E317M8X1	8.00 .314	90.00 3.543	67.00 2.637	18.00 .709	8.00 x 6.20	HSS-E	DIN 2174
MF 10x1.0	1.00	6HX	E317M10X1	10.00 .393	100.00 3.937	75.00 2.952	20.00 .787	10.00 x 8.00	HSS-E	DIN 2174
MF 10x1.25	1.25	6HX	E317M10X1.25	10.00 .393	100.00 3.937	75.00 2.952	20.00 .787	10.00 x 8.00	HSS-E	DIN 2174
MF 12x1.0	1.00	6HX	E317M12X1	12.00 .472	100.00 3.937	73.00 2.874	23.00 .906	9.00 x 7.00	HSS-E	DIN 2174
MF 12x1.25	1.25	6HX	E317M12X1.25	12.00 .472	100.00 3.937	73.00 2.874	23.00 .906	9.00 x 7.00	HSS-E	DIN 2174
MF 12x1.5	1.50	6HX	E317M12X1.5	12.00 .472	100.00 3.937	73.00 2.874	23.00 .906	9.00 x 7.00	HSS-E	DIN 2174
MF 14x1.0	1.00	6HX	E317M14X1	14.00 .551	100.00 3.937	71.00 2.795	21.00 .827	11.00 x 9.00	HSS-E	DIN 2174
MF 14x1.25	1.25	6HX	E317M14X1.25	14.00 .551	100.00 3.937	71.00 2.795	21.00 .827	11.00 x 9.00	HSS-E	DIN 2174
MF 14x1.5	1.50	6HX	E317M14X1.5	14.00 .551	100.00 3.937	71.00 2.795	21.00 .827	11.00 x 9.00	HSS-E	DIN 2174
MF 16x1.5	1.50	6HX	E317M16X1.5	16.00 .629	100.00 3.937	58.00 2.283	21.00 .827	12.00 x 9.00	HSS-E	DIN 2174

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

E891

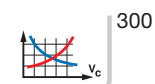
THFT
THCHT
ULDR (xTD)
COATING

MF
C
3.0
TiN



				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
MF 10x1.25	1.25	6H	E891M10X1.25	10.00	100.00	36.61	19.99	0.381 x 0.286	HSS-PM	DIN/ANSI	
				.393	3.937	1.441	.787				
MF 12x1.5	1.50	6H	E891M12X1.5	12.00	110.00	87.00	23.01	0.367 x 0.275	HSS-PM	DIN/ANSI	
				.472	4.330	3.425	.906				

Para la explicación de los parámetros, véanse las páginas 1 y 7.

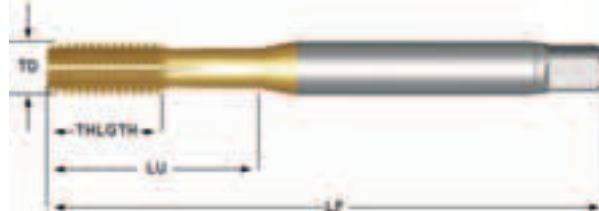


CoroTap™ 400

E892

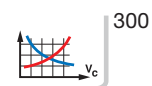
THFT
THCHT
ULDR (xTD)
COATING

UNC
C
3.0
TiN



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
UNC # 4-40	2B	E8924-40	2.84 .112	56.00 2.204	15.47 .609	11.00 .433	0.141 x 0.110	HSS-PM	DIN/ANSI	
UNC # 6-32	2B	E8926-32	3.51 .137	56.00 2.204	15.08 .593	12.95 .510	0.141 x 0.110	HSS-PM	DIN/ANSI	
UNC # 8-32	2B	E8928-32	4.17 .164	63.00 2.480	16.58 .652	16.51 .650	0.168 x 0.131	HSS-PM	DIN/ANSI	
UNC # 10-24	2B	E89210-24	4.83 .190	70.00 2.755	21.42 .843	19.30 .760	0.194 x 0.152	HSS-PM	DIN/ANSI	
UNC # 12-24	2B	E89212-24	5.49 .215	80.00 3.149	25.55 1.005	15.01 .591	0.220 x 0.165	HSS-PM	DIN/ANSI	
UNC 1/4-20	2B	E8921/4	6.35 .250	80.00 3.149	25.59 1.007	15.01 .591	0.255 x 0.191	HSS-PM	DIN/ANSI	
UNC 5/16-18	2B	E8925/16	7.94 .312	90.00 3.543	30.20 1.189	18.01 .709	0.318 x 0.238	HSS-PM	DIN/ANSI	
UNC 3/8-16	2B	E8923/8	9.52 .375	100.00 3.937	32.80 1.291	19.99 .787	0.381 x 0.286	HSS-PM	DIN/ANSI	
UNC 7/16-14	2B	E8927/16	11.11 .437	100.00 3.937	72.60 2.858	19.99 .787	0.323 x 0.242	HSS-PM	DIN/ANSI	
UNC 1/2-13	2B	E8921/2	12.70 .500	110.00 4.330	81.80 3.220	23.01 .906	0.367 x 0.275	HSS-PM	DIN/ANSI	
UNC 5/8-11	2B	E8925/8	15.88 .625	110.00 4.330	65.80 2.590	23.01 .906	0.480 x 0.360	HSS-PM	DIN/ANSI	
UNC 3/4-10	2B	E8923/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	0.590 x 0.442	HSS-PM	DIN/ANSI	
UNC 7/8-9	2B	E8927/8-9	22.22 .875	140.00 5.511	90.90 3.578	34.00 1.338	0.697 x 0.523	HSS-PM	DIN/ANSI	
UNC 1"-8	2B	E8921	25.40 1.000	160.00 6.299	95.40 3.755	38.00 1.496	0.800 x 0.600	HSS-PM	DIN/ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

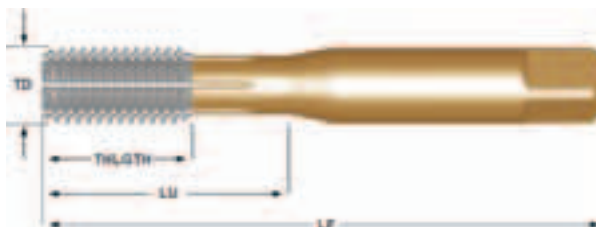


CoroTap™ 400

E064

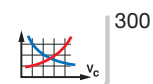
THFT
THCHT
ULDR (xTD)

UNC
C
2.5



		Dimensiones, mm, pulgadas							
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
UNC # 4-40	2B	E0644-40	2.84 .112	47.62 1.875	15.47 .609	16.50 .650	0.141 x 0.110	HSS-PM	ANSI
UNC # 6-32	2B	E0646-32	3.51 .137	50.80 2.000	15.08 .593	7.90 .311	0.141 x 0.110	HSS-PM	ANSI
UNC # 8-32	2B	E0648-32	4.17 .164	53.98 2.125	16.58 .652	7.90 .311	0.168 x 0.131	HSS-PM	ANSI
UNC # 10-24	2B	E06410-24	4.83 .190	60.32 2.375	21.42 .843	12.70 .500	0.194 x 0.152	HSS-PM	ANSI
UNC # 12-24	2B	E06412-24	5.49 .215	60.32 2.375	22.47 .884	12.70 .500	0.220 x 0.165	HSS-PM	ANSI
UNC 1/4-20	2B	E0641/4	6.35 .250	63.50 2.500	25.59 1.007	15.30 .602	0.255 x 0.191	HSS-PM	ANSI
UNC 5/16-18	2B	E0645/16	7.94 .312	69.06 2.718	30.20 1.189	18.20 .717	0.318 x 0.238	HSS-PM	ANSI
UNC 3/8-16	2B	E0643/8	9.52 .375	74.61 2.937	32.80 1.291	19.10 .752	0.381 x 0.286	HSS-PM	ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.

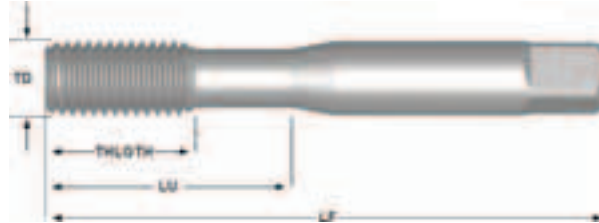


CoroTap™ 400

E523

THFT
THCHT
ULDR (xTD)

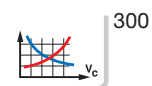
UNC
C
2.5



P N

		Dimensiones, mm, pulgadas							
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
UNC # 4-40	2BX	E5234-40BRIGHT	2.84 .112	48.00 1.889	12.50 .492	17.00 .669	3.15 x 2.50	HSS	ISO 529
UNC # 6-32	2BX	E5236-32BRIGHT	3.51 .137	50.00 1.968	15.00 .590	19.30 .760	3.55 x 2.80	HSS	ISO 529
UNC # 8-32	2BX	E5238-32BRIGHT	4.17 .164	53.00 2.086	18.00 .708	9.50 .374	4.50 x 3.55	HSS	ISO 529
UNC # 10-24	2BX	E52310-24BRIGHT	4.83 .190	58.00 2.283	20.00 .787	11.20 .441	5.00 x 4.00	HSS	ISO 529
UNC 1/4-20	2BX	E5231/4BRIGHT	6.35 .250	66.00 2.598	26.00 1.023	13.20 .520	6.30 x 5.00	HSS	ISO 529
UNC 5/16-18	2BX	E5235/16BRIGHT	7.94 .312	72.00 2.834	29.00 1.141	16.30 .642	8.00 x 6.30	HSS	ISO 529
UNC 3/8-16	2BX	E5233/8BRIGHT	9.52 .375	80.00 3.149	32.00 1.259	18.10 .713	10.00 x 8.00	HSS	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.



CoroTap™ 400

E596

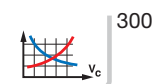
THFT
THCHT
ULDR (xTD)
COATING

UNC
C
2.5
CrN



		Dimensiones, mm, pulgadas							
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
UNC # 4-40	2BX	E5964-40	2.84	48.00	12.50	17.00	3.15 x 2.50	HSS	ISO 529
			.112	1.889	.492	.669			
UNC # 6-32	2BX	E5966-32	3.51	50.00	15.00	19.30	3.55 x 2.80	HSS	ISO 529
			.137	1.968	.590	.760			
UNC # 8-32	2BX	E5968-32	4.17	53.00	18.00	9.50	4.50 x 3.55	HSS	ISO 529
			.164	2.086	.708	.374			
UNC # 10-24	2BX	E59610-24	4.83	58.00	20.00	11.20	5.00 x 4.00	HSS	ISO 529
			.190	2.283	.787	.441			
UNC 1/4-20	2BX	E5961/4	6.35	66.00	26.00	13.20	6.30 x 5.00	HSS	ISO 529
			.250	2.598	1.023	.520			
UNC 5/16-18	2BX	E5965/16	7.94	72.00	29.00	16.30	8.00 x 6.30	HSS	ISO 529
			.312	2.834	1.141	.642			
UNC 3/8-16	2BX	E5963/8	9.52	80.00	32.00	18.10	10.00 x 8.00	HSS	ISO 529
			.375	3.149	1.259	.713			

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



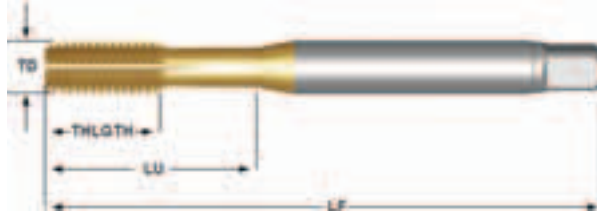
276

CoroTap™ 400

E893

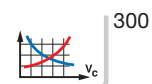
THFT
THCHT
ULDR (xTD)
COATING

UNF
C
3.0
TiN



		Dimensiones, mm, pulgadas							
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
UNF # 10-32	2B	E89310-32	4.83 .190	70.00 2.755	21.42 .843	19.30 .760	0.194 x 0.152	HSS-PM	DIN/ANSI
UNF 1/4-28	2B	E8931/4	6.35 .250	80.00 3.149	25.59 1.007	15.01 .591	0.255 x 0.191	HSS-PM	DIN/ANSI
UNF 5/16-24	2B	E8935/16	7.94 .312	90.00 3.543	30.20 1.189	18.01 .709	0.318 x 0.238	HSS-PM	DIN/ANSI
UNF 3/8-24	2B	E8933/8	9.52 .375	100.00 3.937	32.80 1.291	19.99 .787	0.381 x 0.286	HSS-PM	DIN/ANSI
UNF 7/16-20	2B	E8937/16	11.11 .437	100.00 3.937	72.60 2.858	19.99 .787	0.323 x 0.242	HSS-PM	DIN/ANSI
UNF 1/2-20	2B	E8931/2	12.70 .500	110.00 4.330	81.80 3.220	23.01 .906	0.367 x 0.275	HSS-PM	DIN/ANSI
UNF 5/8-18	2B	E8935/8	15.88 .625	110.00 4.330	65.80 2.590	23.01 .906	0.480 x 0.360	HSS-PM	DIN/ANSI
UNF 3/4-16	2B	E8933/4	19.05 .750	125.00 4.921	77.50 3.051	30.00 1.181	0.590 x 0.442	HSS-PM	DIN/ANSI
UNF 1"-12	2B	E8931	25.40 1.000	160.00 6.299	95.40 3.755	35.99 1.417	0.800 x 0.600	HSS-PM	DIN/ANSI

Para la explicación de los parámetros, véanse las páginas 1 y 7.



300



248



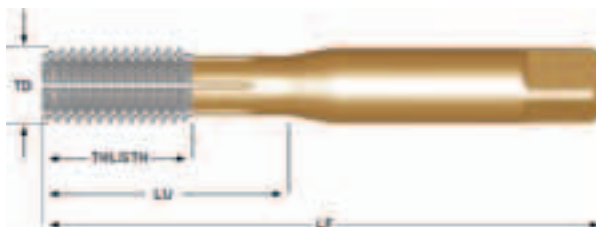
276

CoroTap™ 400

E074

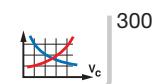
THFT
THCHT
ULDR (xTD)

UNF
C
2.5



		Dimensiones, mm, pulgadas								
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
UNF # 10-32	2B	E07410-32	4.83 .190	60.32 2.375	21.42 .843	12.70 .500	0.194 x 0.152	HSS-PM	ANSI	
UNF 1/4-28	2B	E0741/4	6.35 .250	63.50 2.500	25.59 1.007	15.30 .602	0.255 x 0.191	HSS-PM	ANSI	
UNF 5/16-24	2B	E0745/16	7.94 .312	69.06 2.718	30.20 1.189	18.20 .717	0.318 x 0.238	HSS-PM	ANSI	
UNF 3/8-24	2B	E0743/8	9.52 .375	74.61 2.937	32.80 1.291	19.10 .752	0.381 x 0.286	HSS-PM	ANSI	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

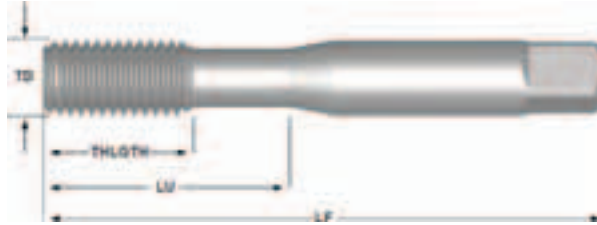


CoroTap™ 400

E530

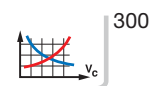
THFT
THCHT
ULDR (xTD)

UNF
C
2.5



		Dimensiones, mm, pulgadas							
TDZ	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG
UNF # 10-32	2BX	E53010-32BRIGHT	4.83 .190	58.00 2.283	20.00 .787	11.20 .441	5.00 x 4.00	HSS	ISO 529
UNF 1/4-28	2BX	E5301/4BRIGHT	6.35 .250	66.00 2.598	26.00 1.023	13.20 .520	6.30 x 5.00	HSS	ISO 529
UNF 5/16-24	2BX	E5305/16BRIGHT	7.94 .312	72.00 2.834	29.00 1.141	16.30 .642	8.00 x 6.30	HSS	ISO 529
UNF 3/8-24	2BX	E5303/8BRIGHT	9.52 .375	80.00 3.149	32.00 1.259	18.10 .713	10.00 x 8.00	HSS	ISO 529
UNF 7/16-20	2BX	E5307/16BRIGHT	11.11 .437	85.00 3.346	61.00 2.401	19.50 .768	8.00 x 6.30	HSS	ISO 529

Para la explicación de los parámetros, véanse las páginas 1 y 7.

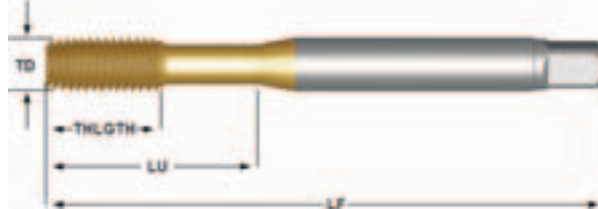


CoroTap™ 400

E323

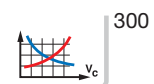
THFT
THCHT
ULDR (xTD)
COATING

EGM
C
3.0
TiN



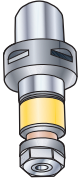
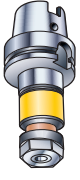


				Dimensiones, mm, pulgadas							
TDZ	TP	TCTR	Código de pedido	TD	LF	LU	THLGTH	CZC_MS	SUBSTRATE	BSG	
EGM3.0	0.50	6HMOD	E323M3	3.65 .143	63.00 2.480	21.00 .826	12.00 .472	4.50 x 3.40	HSS-E	DIN 40435	
EGM4	0.70	6HMOD	E323M4	4.91 .193	70.00 2.755	25.00 .984	13.00 .512	6.00 x 4.90	HSS-E	DIN 40435	
EGM5	0.80	6HMOD	E323M5	6.04 .237	80.00 3.149	30.00 1.181	15.00 .591	6.00 x 4.90	HSS-E	DIN 40435	
EGM6	1.00	6HMOD	E323M6	7.30 .287	90.00 3.543	35.00 1.377	18.00 .709	8.00 x 6.20	HSS-E	DIN 40435	
EGM8	1.25	6HMOD	E323M8	9.62 .378	100.00 3.937	39.00 1.535	20.00 .787	10.00 x 8.00	HSS-E	DIN 40435	
EGM10	1.50	6HMOD	E323M10	11.95 .470	100.00 3.937	73.00 2.874	21.00 .827	9.00 x 7.00	HSS-E	DIN 40435	
EGM12	1.75	6HMOD	E323M12	14.27 .561	110.00 4.330	81.00 3.188	25.00 .984	11.00 x 9.00	HSS-E	DIN 40435	

Para la explicación de los parámetros, véanse las páginas 1 y 7.



Gama de portamachos

Adaptador portapinzas* de roscado SynchroFlex® ER: para operaciones de roscado sincronizado

<p>Coromant Capto®</p>  <p>Página 250</p>	<p>Mango enterizo HSK</p>  <p>Página 252</p>	<p>Soporte sólido MAS-BT</p>  <p>Página 253</p>	<p>Mango Weldon</p>  <p>Página 254</p>
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Para usar con:



Pinza de roscado ER, pág. 257

Para uso de roscado con refrigerante pasante:

Disco de sellado ER, pág. 255

Tuerca para pinzas ER, pág. 256

Plato roscado de cambio rápido

<p>Coromant Capto®</p>  <p>Página 259</p>	<p>Mango Weldon</p>  <p>Página 260</p>
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Para usar con:

Adaptadores de portamachos de cambio rápido con embrague de fricción, pág. 261

Adaptadores de portamachos de cambio rápido sin embrague de fricción, pág. 262

Portapinzas de goma flotante

<p>Coromant Capto®</p>  <p>Página 263</p>
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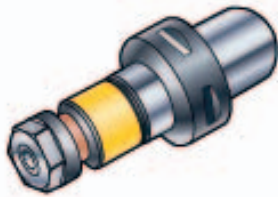
Para usar con:

Boquillas de goma, pág. 264

SynchroFlex es una marca registrada de Tapmatic Corp.,EE.UU.

Guía y selección de herramientas

Para todo tipo de herramienta de roscado



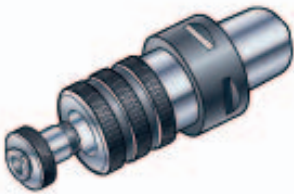
Portapinzas de roscado ER SynchroFlex® *

- Primera elección para máquinas-herramienta CNC con ciclos de roscado sincronizados
- Para producciones de elevado volumen y gran precisión
- Portamachos rígido con compensación de microflotación
- Prolonga la vida útil del macho de roscar y la calidad superficial de la rosca y aumenta la seguridad del proceso

Utilizar con:

- CoroTap - herramientas optimizadas para materiales específicos
- CoroTap - herramientas optimizadas para la versatilidad

SynchroFlex es una marca registrada de Tapmatic Corp.,EE.UU.



Plato roscado de cambio rápido

- Primera elección para las operaciones de roscado no incluidas entre las anteriores
- Para una producción completa de volumen reducido
- Sujeción sencilla del macho de roscar con cambio rápido
- Tensión y compresión para eliminar los errores de avance

Utilizar con:

- CoroTap - herramientas optimizadas para la versatilidad

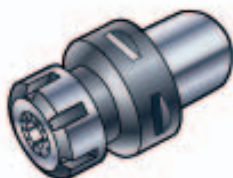


Portapinzas de goma flotante

- Estilo antiguo, utilizado a menudo en máquinas de torneado pequeñas
- Las pinzas cubren una amplia gama de sujeciones

Utilizar con:

- CoroTap - herramientas optimizadas para la versatilidad



Portabrocas de boquilla ER

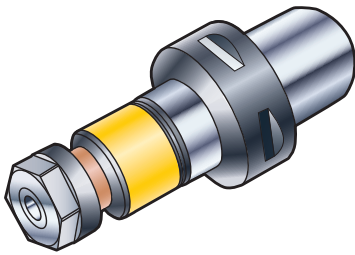
- Producción de lotes reducidos
- Utilizar con pinzas de roscado ER con cuadradillo
- Rígido, sin compensación, limita la vida útil del macho de roscar

Utilizar con:

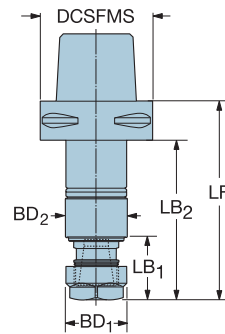
- CoroTap - herramientas optimizadas para materiales específicos
- CoroTap - herramientas optimizadas para la versatilidad

Adaptador portapinzas de roscado SynchroFlex® ER

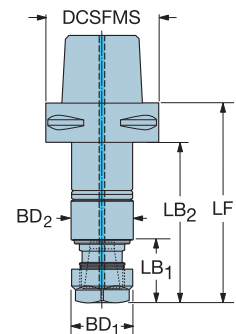
Coromant Capto®



Cx-391.62



Cx-391.63



Gama de machos						Dimensiones, mm, pulgadas						
mín.	máx.	CZC_MS	CZC_WS	CNSC	Código de pedido	DCSFMS	LF	LB1	LB2	BD1	BD2	
M2	M5	C3	ER 11	1	C3-391.63-11 078	32.00	78.00	23.50	63.00	18.70	23.50	0.3
						1.260	3.071	.925	2.480	.736	.925	
M4	M12		ER 20	1	C3-391.63-20 105	32.00	105.00	40.50		34.00	35.00	0.6
						1.260	4.134	1.594		1.339	1.378	
M4	M12	C4	ER 20	0	C4-391.62-20 107	40.00	106.50	35.40	86.50	34.00	35.00	0.7
						1.575	4.193	1.394	3.406	1.339	1.378	
M8	M20		ER 25	0	C4-391.62-25 126	40.00	125.90	37.00	105.9	42.00	44.00	1.1
						1.575	4.957	1.457	4.169	1.654	1.732	
M2	M5		ER 11	1	C4-391.63-11 080	40.00	80.00	23.50	60.00	18.70	23.50	0.4
						1.575	3.150	.925	2.362	.736	.925	
M4	M12		ER 20	1	C4-391.63-20 112	40.00	111.60	40.50	91.60	34.00	35.00	0.7
						1.575	4.394	1.594	3.606	1.339	1.378	
M8	M20		ER 25	1	C4-391.63-25 131	40.00	131.10	42.20	111.10	42.00	44.00	1.1
						1.575	5.161	1.661	4.374	1.654	1.732	
M4	M12	C5	ER 20	0	C5-391.62-20 109	50.00	108.50	35.40	88.50	34.00	35.00	0.9
						1.968	4.272	1.394	3.484	1.339	1.378	
M8	M20		ER 25	0	C5-391.62-25 128	50.00	127.90	37.00	107.90	42.00	44.00	1.3
						1.968	5.035	1.457	4.248	1.654	1.732	
M16	M30		ER 40	0	C5-391.62-40 158	50.00	157.50	43.00	137.50	63.00	62.00	2.6
						1.968	6.201	1.693	5.413	2.480	2.441	
M4	M12		ER 20	1	C5-391.63-20 114	50.00	113.60	40.50	93.60	34.00	35.00	0.9
						1.968	4.472	1.594	3.685	1.339	1.378	
M8	M20		ER 25	1	C5-391.63-25 133	50.00	133.10	42.20	113.10	42.00	44.00	1.3
						1.968	5.240	1.661	4.453	1.654	1.732	
M16	M30		ER 40	1	C5-391.63-40 163	50.00	162.50	48.00	142.50	63.00	62.00	2.7
						1.968	6.398	1.890	5.610	2.480	2.441	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Accesorios

Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257

Importante

Utilizar dos llaves para apretar la tuerca de la pinza firmemente.

No se recomienda apretar agarrando el mango del accesorio.

Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

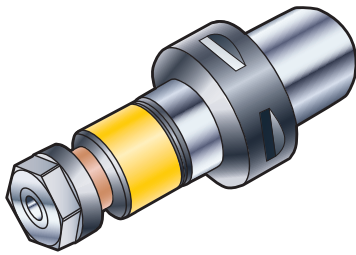
Valores de apriete recomendados para tuercas de pinzas de roscado ER

Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb

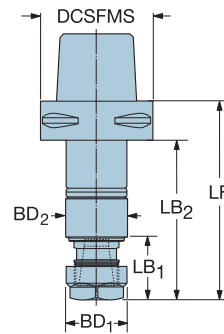


Adaptador portapinzas de roscado SynchroFlex® ER

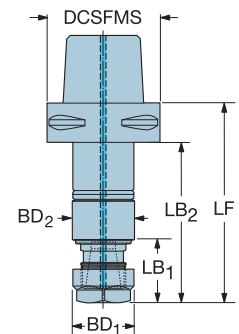
Coromant Capto®



Cx-391.62



Cx-391.63



Gama de machos					Código de pedido	Dimensiones, mm, pulgadas						
mín.	máx.	CZC_MS	CZC_WS	CNSC		DCSFMS	LF	LB1	LB2	BD1	BD2	
M4	M12	C6	ER 20	0	C6-391.62-20 113	63.00	112.50	35.40	90.50	34.00	35.00	1.1
						<i>2.480</i>	<i>4.429</i>	<i>1.394</i>	<i>3.563</i>	<i>1.339</i>	<i>1.378</i>	
M8	M20		ER 25	0	C6-391.62-25 132	63.00	131.90	37.00	109.90	42.00	44.00	1.7
						<i>2.480</i>	<i>5.193</i>	<i>1.457</i>	<i>4.327</i>	<i>1.654</i>	<i>1.732</i>	
M16	M30		ER 40	0	C6-391.62-40 162	63.00	161.50	43.00	139.50	63.00	62.00	3.0
						<i>2.480</i>	<i>6.358</i>	<i>1.693</i>	<i>5.492</i>	<i>2.480</i>	<i>2.441</i>	
M4	M12		ER 20	1	C6-391.63-20 118	63.00	117.60	40.50	95.60	34.00	35.00	1.3
						<i>2.480</i>	<i>4.630</i>	<i>1.594</i>	<i>3.764</i>	<i>1.339</i>	<i>1.378</i>	
M8	M20		ER 25	1	C6-391.63-25 137	63.00	137.10	42.20	115.10	42.00	44.00	1.7
						<i>2.480</i>	<i>5.398</i>	<i>1.661</i>	<i>4.532</i>	<i>1.654</i>	<i>1.732</i>	
M16	M30		ER 40	1	C6-391.63-40 167	63.00	166.50	48.00	144.5	63.00	62.00	3.4
						<i>2.480</i>	<i>6.555</i>	<i>1.890</i>	<i>5.689</i>	<i>2.480</i>	<i>2.441</i>	
M4	M12	C8	ER 20	0	C8-391.62-20 107	80.00	106.50	35.40	76.50	34.00	35.00	2.1
						<i>3.150</i>	<i>4.193</i>	<i>1.394</i>	<i>3.012</i>	<i>1.339</i>	<i>1.378</i>	
M8	M20		ER 25	0	C8-391.62-25 126	80.00	125.90	37.00	95.90	42.00	44.00	2.3
						<i>3.150</i>	<i>4.957</i>	<i>1.457</i>	<i>3.776</i>	<i>1.654</i>	<i>1.732</i>	
M16	M30		ER 40	0	C8-391.62-40 156	80.00	155.50	43.00	125.50	63.00	62.00	3.9
						<i>3.150</i>	<i>6.122</i>	<i>1.693</i>	<i>4.941</i>	<i>2.480</i>	<i>2.441</i>	
M4	M12		ER 20	1	C8-391.63-20 112	80.00	111.60	40.50	81.60	34.00	35.00	2.2
						<i>3.150</i>	<i>4.394</i>	<i>1.594</i>	<i>3.213</i>	<i>1.339</i>	<i>1.378</i>	
M8	M20		ER 25	1	C8-391.63-25 131	80.00	131.10	42.20	101.10	42.00	44.00	2.3
						<i>3.150</i>	<i>5.161</i>	<i>1.661</i>	<i>3.980</i>	<i>1.654</i>	<i>1.732</i>	
M16	M30		ER 40	1	C8-391.63-40 161	80.00	160.50	48.00	130.50	63.00	62.00	4.0
						<i>3.150</i>	<i>6.319</i>	<i>1.890</i>	<i>5.138</i>	<i>2.480</i>	<i>2.441</i>	
M8	M20	C10	ER 25	1	C10-391.63-25 143	100.00	143.10	42.20	107.10	42.00	44.00	4.1
						<i>3.937</i>	<i>5.634</i>	<i>1.661</i>	<i>4.217</i>	<i>1.654</i>	<i>1.732</i>	
M16	M30		ER 40	1	C10-391.63-40 173	100.00	172.50	48.50	136.50	63.00	62.00	5.2
						<i>3.937</i>	<i>6.791</i>	<i>1.909</i>	<i>5.374</i>	<i>2.480</i>	<i>2.441</i>	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Accesorios

Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257

Importante

Utilizar dos llaves para apretar la tuerca de la pinza firmemente.

No se recomienda apretar agarrando el mango del accesorio.

Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

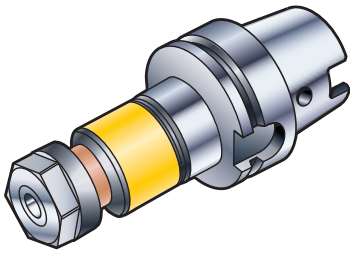
Valores de apriete recomendados para tuercas de pinzas de roscado ER

Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb

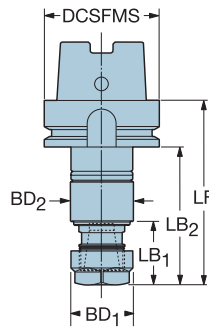


Adaptador portapinzas de roscado SynchroFlex® ER

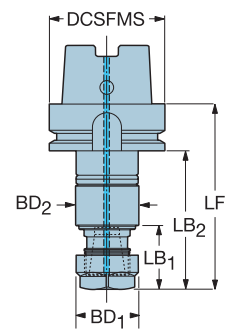
HSK Forma A/C



392.41062



392.41063



Gama de machos						Dimensiones, mm, pulgadas						
mín.	máx.	CZC_MS	CZC_WS	CNSC	Código de pedido	DCSFMS	LF	LB1	LB2	BD1	BD2	
M4	M12	63	ER 20	0	392.41062-63 20 102	63.00	102.90	35.40	76.90	34.00	35.00	1.0
						<i>2.480</i>	<i>4.051</i>	<i>1.394</i>	<i>3.028</i>	<i>1.339</i>	<i>1.378</i>	
M8	M20		ER 25	0	392.41062-63 25 122	63.00	122.30	37.00	96.30	42.00	44.00	1.4
						<i>2.480</i>	<i>4.815</i>	<i>1.457</i>	<i>3.791</i>	<i>1.654</i>	<i>1.732</i>	
M16	M30		ER 40	0	392.41062-63 40 152	63.00	151.90	43.00	125.90	63.00	62.00	2.9
						<i>2.480</i>	<i>5.980</i>	<i>1.693</i>	<i>4.957</i>	<i>2.480</i>	<i>2.441</i>	
M4	M12		ER 20	1	392.41063-63 20 107	63.00	108.00	40.50	82.00	34.00	35.00	1.1
						<i>2.480</i>	<i>4.252</i>	<i>1.594</i>	<i>3.228</i>	<i>1.339</i>	<i>1.378</i>	
M8	M20		ER 25	1	392.41063-63 25 127	63.00	127.50	42.20	101.50	42.00	44.00	1.5
						<i>2.480</i>	<i>5.020</i>	<i>1.661</i>	<i>3.996</i>	<i>1.654</i>	<i>1.732</i>	
M16	M30		ER 40	1	392.41063-63 40 157	63.00	157.40	48.00	131.40	63.00	62.00	2.9
						<i>2.480</i>	<i>6.197</i>	<i>1.890</i>	<i>5.173</i>	<i>2.480</i>	<i>2.441</i>	
M16	M30	100	ER 40	0	392.41062-100 40 159	100.00	158.40	43.00	129.40	63.00	62.00	4.5
						<i>3.937</i>	<i>6.236</i>	<i>1.693</i>	<i>5.094</i>	<i>2.480</i>	<i>2.441</i>	
M4	M12		ER 20	0	392.41062-10020109	100.00	109.40	35.40	80.40	34.00	35.00	2.4
						<i>3.937</i>	<i>4.307</i>	<i>1.394</i>	<i>3.165</i>	<i>1.339</i>	<i>1.378</i>	
M8	M20		ER 25	0	392.41062-10025129	100.00	128.80	37.00	99.80	42.00	44.00	2.8
						<i>3.937</i>	<i>5.071</i>	<i>1.457</i>	<i>3.929</i>	<i>1.654</i>	<i>1.732</i>	
M16	M30		ER 40	1	392.41063-100 40 164	100.00	163.40	48.00	134.40	63.00	62.00	4.5
						<i>3.937</i>	<i>6.433</i>	<i>1.890</i>	<i>5.291</i>	<i>2.480</i>	<i>2.441</i>	
M4	M12		ER 20	1	392.41063-10020114	100.00	114.50	40.50	85.50	34.00	35.00	2.5
						<i>3.937</i>	<i>4.508</i>	<i>1.594</i>	<i>3.366</i>	<i>1.339</i>	<i>1.378</i>	
M8	M20		ER 25	1	392.41063-10025134	100.00	134.00	42.20	105.00	42.00	44.00	2.9
						<i>3.937</i>	<i>5.276</i>	<i>1.661</i>	<i>4.134</i>	<i>1.654</i>	<i>1.732</i>	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Accesorios

Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257

Importante

Utilizar dos llaves para apretar la tuerca de la pinza firmemente.

No se recomienda apretar agarrando el mango del accesorio.

Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

Valores de apriete recomendados para tuercas de pinzas de roscado ER

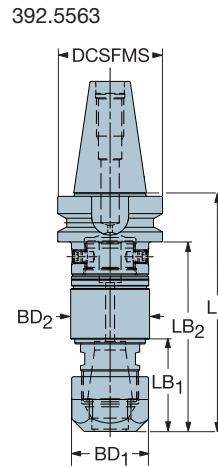
Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb




Adaptador portapinzas de roscado SynchroFlex® ER

MAS-BT 403

para operaciones de roscado sincronizado



Gama de machos					Código de pedido	Dimensiones						
mín.	máx.	CZC_MS	CZC_WS	CNSC		DCSFMS	LF	LB1	LB2	BD1	BD2	
M2	M5	30	ER 11	1	392.5563-30 11 082	31.75	82.00	23.50	60.00	18.70	23.50	0.5
M4	M12		ER 20	1	392.5563-30 20 105	31.75	105.00	40.50	83.00	34.00	35.00	0.8
M8	M20		ER 25	1	392.5563-30 25 125	31.75	124.60	42.20	102.60	42.00	44.00	1.2

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Accesorios

Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257

Importante

Utilizar dos llaves para apretar la tuerca de la pinza firmemente.

No se recomienda apretar agarrando el mango del accesorio.

Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

Valores de apriete recomendados para tuercas de pinzas de roscado ER

Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb

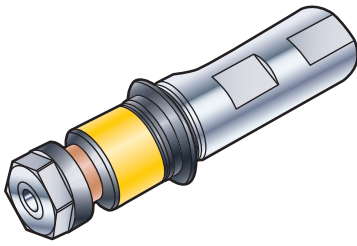


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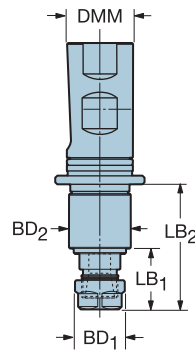
Adaptador portapinzas de roscado SynchroFlex® ER

para operaciones de roscado sincronizado

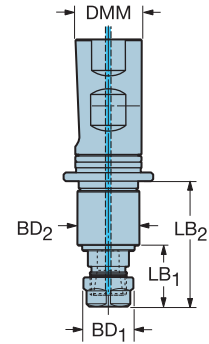
Weldon/Whistle Notch



393.2062



393.2063



Versión métrica

Gama de machos					Código de pedido	Dimensiones					
mín.	máx.	CZC_MS	CZC_WS	CNSC		DMM	LB1	LB2	BD1	BD2	
M2	M5	16	ER 11	0	393.2062-16 11 051	16.00	23.50	51.40	18.70	23.50	0.4
M2	M5	20	ER 11	0	393.2062-20 11 051	20.00	23.50	51.00	18.70	23.50	0.4
M4	M12		ER 20	1	393.2063-20 20 068	20.00	40.50	68.60	34.00	35.00	0.5
M2	M5	25	ER 11	0	393.2062-25 11 051	25.00	23.50	51.40	18.70	23.50	0.3
M4	M12		ER 20	0	393.2062-25 20 063	25.00	35.30	63.50	34.00	35.00	0.4
M8	M20		ER 25	0	393.2062-25 25 083	25.00	36.90	82.90	42.00	44.00	0.8
M4	M12		ER 20	1	393.2063-25 20 068	25.00	40.50	68.60	34.00	35.00	0.4
M8	M20		ER 25	1	393.2063-25 25 088	25.00	42.20	88.10	42.00	44.00	0.8
M16	M30		ER 40	1	393.2063-25 40 117	25.00		117.00	63.00	62.00	1.5

Versión en pulgadas

Gama de machos					Código de pedido	Dimensiones					
mín.	máx.	CZC_MS	CZC_WS	CNSC		DMM	LB1	LB2	BD1	BD2	
M2	M5	1	ER 11	0	A393.2062-25 11 051	1.000	.925	2.024	.736	.925	0.3
M4	M12		ER 20	0	A393.2062-25 20 063	1.000	1.390	2.500	1.339	1.378	0.3
M8	M20		ER 25	0	A393.2062-25 25 083	1.000	1.453	3.264	1.654	1.732	0.8
M4	M12		ER 20	1	A393.2063-25 20 068	1.000	1.594	2.701	1.339	1.378	0.4
M8	M20		ER 25	1	A393.2063-25 25 088	1.000	1.661	3.468	1.654	1.732	0.7

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Accesorios

Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257

Importante

Utilizar dos llaves para apretar la tuerca de la pinza firmemente.

No se recomienda apretar agarrando el mango del accesorio.

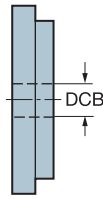
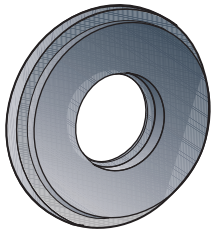
Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

Valores de apriete recomendados para tuercas de pinzas de roscado ER

Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb



Discos de sellado para pinza ER

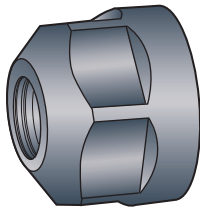


0.5 mm (.020 pulgadas) de capacidad por disco. Presión máx. de refrigerante 150 bar (2000 psi).

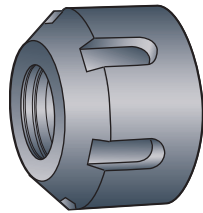
Tamaño 16			Tamaño 25			Tamaño 32			Tamaño 40		
Gama, mm (pulg.) DCB	Código de pedido		Gama, mm (pulg.) DCB	Código de pedido		Gama, mm (pulg.) DCB	Código de pedido		Gama, mm (pulg.) DCB	Código de pedido	
3.0-2.5 (.118-.098)	3916.00300		3.0-2.5 (.118-.098)	3925.00300		3.0-2.5 (.118-.098)	3932.00300		3.0-2.5 (.118-.098)	3940.00300	
3.5-3.0 (.138-.118)	3916.00350		3.5-3.0 (.138-.118)	3925.00350		3.5-3.0 (.138-.118)	3932.00350		3.5-3.0 (.138-.118)	3940.00350	
4.0-3.5 (.157-.138)	3916.00400		4.0-3.5 (.157-.138)	3925.00400		4.0-3.5 (.157-.138)	3932.00400		4.0-3.5 (.157-.138)	3940.00400	
4.5-4.0 (.177-.157)	3916.00450		4.5-4.0 (.177-.157)	3925.00450		4.5-4.0 (.177-.157)	3932.00450		4.5-4.0 (.177-.157)	3940.00450	
5.0-4.5 (.197-.177)	3916.00500		5.0-4.5 (.197-.177)	3925.00500		5.0-4.5 (.197-.177)	3932.00500		5.0-4.5 (.197-.177)	3940.00500	
5.5-5.0 (.217-.197)	3916.00550		5.5-5.0 (.217-.197)	3925.00550		5.5-5.0 (.217-.197)	3932.00550		5.5-5.0 (.217-.197)	3940.00550	
6.0-5.5 (.236-.217)	3916.00600		6.0-5.5 (.236-.217)	3925.00600		6.0-5.5 (.236-.217)	3932.00600		6.0-5.5 (.236-.217)	3940.00600	
6.5-6.0 (.256-.236)	3916.00650		6.5-6.0 (.256-.236)	3925.00650		6.5-6.0 (.256-.236)	3932.00650		6.5-6.0 (.256-.236)	3940.00650	
7.0-6.5 (.276-.256)	3916.00700		7.0-6.5 (.276-.256)	3925.00700		7.0-6.5 (.276-.256)	3932.00700		7.0-6.5 (.276-.256)	3940.00700	
7.5-7.0 (.295-.276)	3916.00750		7.5-7.0 (.295-.276)	3925.00750		7.5-7.0 (.295-.276)	3932.00750		7.5-7.0 (.295-.276)	3940.00750	
8.0-7.5 (.315-.295)	3916.00800		8.0-7.5 (.315-.295)	3925.00800		8.0-7.5 (.315-.295)	3932.00800		8.0-7.5 (.315-.295)	3940.00800	
8.5-8.0 (.335-.315)	3916.00850		8.5-8.0 (.335-.315)	3925.00850		8.5-8.0 (.335-.315)	3932.00850		8.5-8.0 (.335-.315)	3940.00850	
9.0-8.5 (.354-.335)	3916.00900		9.0-8.5 (.354-.335)	3925.00900		9.0-8.5 (.354-.335)	3932.00900		9.0-8.5 (.354-.335)	3940.00900	
9.5-9.0 (.374-.354)	3916.00950		9.5-9.0 (.374-.354)	3925.00950		9.5-9.0 (.374-.354)	3932.00950		9.5-9.0 (.374-.354)	3940.00950	
10.0-9.5 (.394-.374)	3916.01000		10.0-9.5 (.394-.374)	3925.01000		10.0-9.5 (.394-.374)	3932.01000		10.0-9.5 (.394-.374)	3940.01000	
			10.5-10.0 (.413-.394)	3925.01050		10.5-10.0 (.413-.394)	3932.01050		10.5-10.0 (.413-.394)	3940.01050	
			11.0-10.5 (.433-.413)	3925.01100		11.0-10.5 (.433-.413)	3932.01100		11.0-10.5 (.433-.413)	3940.01100	
			11.5-11.0 (.453-.433)	3925.01150		11.5-11.0 (.453-.433)	3932.01150		11.5-11.0 (.453-.433)	3940.01150	
			12.0-11.5 (.472-.453)	3925.01200		12.0-11.5 (.472-.453)	3932.01200		12.0-11.5 (.472-.453)	3940.01200	
			12.5-12.0 (.492-.472)	3925.01250		12.5-12.0 (.492-.472)	3932.01250		12.5-12.0 (.492-.472)	3940.01250	
			13.0-12.5 (.512-.492)	3925.01300		13.0-12.5 (.512-.492)	3932.01300		13.0-12.5 (.512-.492)	3940.01300	
			13.5-13.0 (.531-.512)	3925.01350		13.5-13.0 (.531-.512)	3932.01350		13.5-13.0 (.531-.512)	3940.01350	
			14.0-13.5 (.551-.531)	3925.01400		14.0-13.5 (.551-.531)	3932.01400		14.0-13.5 (.551-.531)	3940.01400	
			14.5-14.0 (.571-.551)	3925.01450		14.5-14.0 (.571-.551)	3932.01450		14.5-14.0 (.571-.551)	3940.01450	
			15.0-14.5 (.591-.571)	3925.01500		15.0-14.5 (.591-.571)	3932.01500		15.0-14.5 (.591-.571)	3940.01500	
			15.5-15.0 (.610-.591)	3925.01550		15.5-15.0 (.610-.591)	3932.01550		15.5-15.0 (.610-.591)	3940.01550	
			16.0-15.5 (.630-.610)	3925.01600		16.0-15.5 (.630-.610)	3932.01600		16.0-15.5 (.630-.610)	3940.01600	
						16.5-16.0 (.650-.630)	3932.01650		16.5-16.0 (.650-.630)	3940.01650	
						17.0-16.5 (.669-.650)	3932.01700		17.0-16.5 (.669-.650)	3940.01700	
						17.5-17.0 (.689-.669)	3932.01750		17.5-17.0 (.689-.669)	3940.01750	
						18.0-17.5 (.709-.689)	3932.01800		18.0-17.5 (.709-.689)	3940.01800	
						18.5-18.0 (.728-.709)	3932.01850		18.5-18.0 (.728-.709)	3940.01850	
						19.0-18.5 (.748-.728)	3932.01900		19.0-18.5 (.748-.728)	3940.01900	
						19.5-19.0 (.768-.748)	3932.01950		19.5-19.0 (.768-.748)	3940.01950	
						20.0-19.5 (.787-.768)	3932.02000		20.0-19.5 (.787-.768)	3940.02000	
									20.5-20.0 (.807-.787)	3940.02050	
									21.0-20.5 (.827-.807)	3940.02100	
									21.5-21.0 (.846-.827)	3940.02150	
									22.0-21.5 (.866-.846)	3940.02200	
									22.5-22.0 (.886-.866)	3940.02250	
									23.0-22.5 (.906-.886)	3940.02300	
									23.5-23.0 (.925-.906)	3940.02350	
									24.0-23.5 (.945-.925)	3940.02400	
									24.5-24.0 (.965-.945)	3940.02450	
									25.0-24.5 (.984-.965)	3940.02500	
									25.5-25.0 (1.004-.984)	3940.02550	
									26.0-25.5 (1.024-1.004)	3940.02600	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Tuercas para pinza ER con paso de refrigerante



Tamaño 16 y 20



Tamaño 25, 32 y 40

Tamaño de pinza	Código de pedido	Piezas de repuesto		Tamaño de la rosca
		Llave de tuerca	Junta tórica	
ER16	5533 051-01	5680 091-01	5641005-085	M22 x 1.5
ER20	5533 051-02	5680 091-02	5641005-086	M25 x 1.5
ER25	5533 051-03	5680 096-02	5641005-087	M32 x 1.5
ER32	5533 051-04	5680 096-03	5641005-088	M40 x 1.5
ER40	5533 051-05	5680 096-04	5641005-089	M50 x 1.5

Instrucciones de montaje de discos de sellado para tuercas con paso de refrigerante

Montaje

1. Localice el diámetro exterior más pequeño del disco.
2. Inserte el diámetro menor en el centro de la tuerca de refrigerante y presione uniformemente hasta que el disco quede bien asentado en la tuerca.

Desmontaje

1. Para retirar el disco, sólo tiene que presionar uniformemente en la parte exterior del mismo hasta que se desprenda.

Pares de apriete máx., tuercas para pinza ER											
Tuerca de boquilla	Tamaño de	ER Retaladrado				ER Taladrado pasante				ER Roscado	
		DCSFWS mm	TQ Nm	DCSFWS pulgadas	TQ ft-lbs	DCSFWS mm	TQ Nm	DCSFWS pulgadas	TQ ft-lbs	TQ Nm	TQ ft-lbs
	ER11	1.0-2.5	9	.039-.098	7	3.0-5.0	24	.118-.197	18	16	12
	ER16	1.0	8	.039	5	5.0-10.0	54	.197-.394	40	43	32
	ER20	1.0	16	.039	12	7.0-13.0	80	.276-.512	60	32	24
	ER25	1.0-3.5	21	.039-.138	16	8.0-16.0	108	.315-.630	80	108	80
	ER32	2.0-2.5	22	.079-.098	16	8.0-20.0	135	.315-.787	100	135	100
	ER40	3.0-8.5	170	.118-.335	125	9.0-26.0	170	.354-1.024	125	170	125
	ER50	6.0-10.0	237	.236-.394	175	12.0-34.0	237	.472-1.339	175	-	-
	ER11	1.0-2.5	8	.039-.098	6	3.0-5.0	16	.118-.197	12	12	9
	ER16	1.0	16	.039	6	5.0-10.0	24	.197-.394	18	24	18
	ER20	1.0	16	.039	12	7.0-13.0	28	.276-.512	21	28	21
	ER25	1.0-3.5	23	.039-.138	17	8.0-16.0	33	.315-.630	24	28	24

Para la explicación de los parámetros, véanse las páginas 1 y 7.

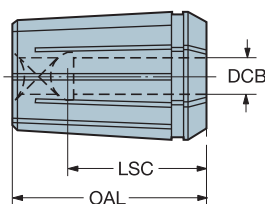
Pinzas ER para roscado

Compatible con DIN 6499-B

Para machos estándar métricos



393.14..D



Tamaño de pinza para macho				Dimensiones			
DIN	ISO	CZC_MS	CZC_WS	Código de pedido	DCB	OAL	LSC
M2/M2.5		ER 11	2.80 x 2.10	393.14-11 D028X021	2.8	18.0	12
M3/M5		ER 11	3.50 x 2.70	393.14-11 D035X027	3.5	18.0	14
M3.5		ER 11	4.00 x 3.00	393.14-11 D040X030	4.0	18.0	14
	M5/M4	ER 11	4.00 x 3.15	393.14-11 D040X0315	4.0	18.0	14
M4/M6		ER 11	4.50 x 3.40	393.14-11 D045X034	4.5	18.0	14
M5/M6	M5	ER 11	5.00 x 4.00	393.14-11 D050X040	5.0	18.0	14
M5/M6/M8		ER 11	6.00 x 4.90	393.14-11 D060X049	6.0	18.0	14
	M5/M4	ER 20	4.00 x 3.15	393.14-20 D040X0315	4.0	31.5	18
M4/M6		ER 20	4.50 x 3.40	393.14-20 D045X034	4.5	31.5	18
M5/M6	M5	ER 20	5.00 x 4.00	393.14-20 D050X040	5.0	31.5	18
M5/M6/M8		ER 20	6.00 x 4.90	393.14-20 D060X049	6.0	31.5	18
	M8/M6	ER 20	6.30 x 5.00	393.14-20 D063X050	6.3	31.5	18
M7/M9/M10		ER 20	7.00 x 5.50	393.14-20 D070X055	7.0	31.5	18
M8/M10	M10/M8	ER 20	8.00 x 6.30	393.14-20 D080X063	8.0	31.5	22
M12	M12	ER 20	9.00 x 7.10	393.14-20 D090X071	9.0	31.5	22
	M10	ER 20	10.00 x 8.00	393.14-20 D100X080	10.0	31.5	25
M8/M10	M10/M8	ER 25	8.00 x 6.30	393.14-25 D080X063	8.0	34.0	22
M12	M12	ER 25	9.00 x 7.10	393.14-25 D090X071	9.0	34.0	22
	M10	ER 25	10.00 x 8.00	393.14-25 D100X080	10.0	34.0	25
M14		ER 25	11.00 x 9.00	393.14-25 D110X090	11.0	34.0	25
	M14	ER 25	11.20 x 9.00	393.14-25 D112X090	11.2	34.0	25
M16		ER 25	12.00 x 9.00	393.14-25 D120X090	12.0	34.0	25
	M16	ER 25	12.50 x 10.00	393.14-25 D125X100	12.5	34.0	25
M18	M18/M20	ER 25	14.00 x 11.20	393.14-25 D140X112	14.0	34.0	25
M20		ER 25	16.00 x 12.00	393.14-25 D160X120	16.0	34.0	25
M16		ER 40	12.00 x 9.00	393.14-40 D120X090	12.0	46.0	25
	M16	ER 40	12.50 x 10.00	393.14-40 D125X100	12.5	46.0	25
M18	M18/M20	ER 40	14.00 x 11.20	393.14-40 D140X112	14.0	46.0	25
M20	M22	ER 40	16.00 x 12.50	393.14-40 D160X125	16.0	46.0	25
M22/24	M24	ER 40	18.00 x 14.50	393.14-40 D180X145	18.0	46.0	25
M27	M27/M28/30	ER 40	20.00 x 16.00	393.14-40 D200X160	20.0	46.0	28
M30/M32	M30	ER 40	22.00 x 18.00	393.14-40 D220X180	22.0	46.0	28

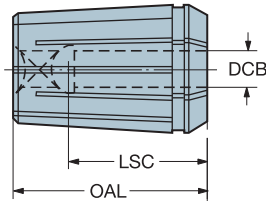
Para la explicación de los parámetros, véanse las páginas 1 y 7.

Pinzas ER para roscado

Compatible con DIN 6499-B

Para machos de rosca estándar en EE.UU.

A393.14



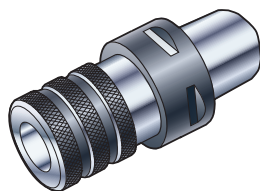
Dimensiones

CZC_MS	CZC_WS	Código de pedido	DCB	OAL	LSC
ER 11	0.141 x 0.110	A393.14-11-0-6 NO	.141	.709	.551
ER 11	0.194 x 0.152	A393.14-11-10 NO	.194	.709	.551
ER 11	0.168 x 0.131	A393.14-11-8 NO	.168	.709	.551
ER 20	0.255 x 0.191	A393.14-20-1/4	.255	1.240	.709
ER 20	0.194 x 0.152	A393.14-20-10 NO	.194	1.240	.709
ER 20	0.220 x 0.165	A393.14-20-12 NO	.220	1.240	.709
ER 20	0.381 x 0.286	A393.14-20-3/8	.381	1.240	.866
ER 20	0.318 x 0.238	A393.14-20-5/16	.318	1.240	.866
ER 20	0.168 x 0.131	A393.14-20-8 NO	.168	1.240	.709
ER 25	0.367 x 0.275	A393.14-25-1/2	.367	1.339	.866
ER 25	0.255 x 0.191	A393.14-25-1/4	.255	1.339	.709
ER 25	0.590 x 0.442	A393.14-25-3/4	.590	1.339	.984
ER 25	0.381 x 0.286	A393.14-25-3/8	.381	1.339	.866
ER 25	0.318 x 0.238	A393.14-25-5/16	.318	1.339	.866
ER 25	0.480 x 0.360	A393.14-25-5/8	.480	1.339	.984
ER 25	0.323 x 0.242	A393.14-25-7/16	.323	1.339	.866
ER 25	0.429 x 0.322	A393.14-25-9/16	.429	1.339	.984
ER 40	0.800 x 0.600	A393.14-40-1	.800	1.811	1.102
ER 40	0.590 x 0.442	A393.14-40-3/4	.590	1.811	.984
ER 40	0.480 x 0.360	A393.14-40-5/8	.480	1.811	.984
ER 40	0.697 x 0.523	A393.14-40-7/8	.697	1.811	.984

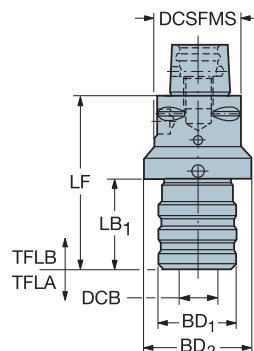
Para la explicación de los parámetros, véanse las páginas 1 y 7.

Plato roscado de cambio rápido

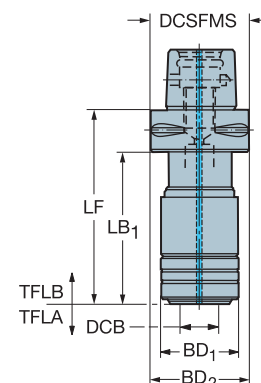
Coromant Capto®



Cx-391.60



Cx-391.61



Gama de machos						Dimensiones, mm, pulgadas								
mín.	máx.	DCB	CZC_MS	CZC_WS	CNCS	Código de pedido	DCSFMS	LF	LB1	BD1	BD2	TFLA	TFLB	_{RA}
M3	M12	19	C3	1	0	C3-391.60-01 080A	32.00 1.260	80.00 3.150	40.50 1.594	36.00 1.417	50.00 1.968	7.50 .295	7.50 .295	0.4
M3	M12	19	C4	1	0	C4-391.60-01 080A	40.00 1.575	80.00 3.150	40.50 1.594	36.00 1.417	50.00 1.968	7.50 .295	7.50 .295	0.7
M8	M20	31		2	0	C4-391.60-02 110A	40.00 1.575	110.00 4.331	64.50 2.539	53.00 2.087	63.00 2.480	12.50 .492	12.50 .492	1.3
M3	M12	19		1	1	C4-391.61-01 096	40.00 1.575	96.00 3.780	75.00 2.953	39.00 1.535	40.00 1.575	7.50 .295	7.50 .295	1.1
M3	M12	19	C5	1	0	C5-391.60-01 080A	50.00 1.968	80.00 3.150	40.50 1.594	36.00 1.417	50.00 1.968	7.50 .295	7.50 .295	1.0
M8	M20	31		2	0	C5-391.60-02 115A	50.00 1.968	115.00 4.528	64.50 2.539	53.00 2.087	63.00 2.480	12.50 .492	12.50 .492	1.7
M3	M12	19		1	1	C5-391.61-01 097	50.00 1.968	97.00 3.819	76.00 2.992	39.00 1.535	50.00 1.968	7.50 .295	7.50 .295	1.1
M8	M20	31		2	1	C5-391.61-02 129	50.00 1.968	129.00 5.079	60.00 2.362		10.00 .394	10.00 .394	2.1	
M3	M12	19	C6	1	0	C6-391.60-01 090A	63.00 2.480	90.00 3.543	40.50 1.594	36.00 1.417	50.00 1.968	7.50 .295	7.50 .295	1.3
M8	M20	31		2	0	C6-391.60-02 120A	63.00 2.480	120.00 4.724	64.50 2.539	53.00 2.087	63.00 2.480	12.50 .492	12.50 .492	2.4
M14	M33	48		3	0	C6-391.60-03 170A	63.00 2.480	170.00 6.693		78.00 3.071		20.00 .787	20.00 .787	3.4
M8	M20	31		2	1	C6-391.61-02 131	63.00 2.480	131.00 5.157	108.00 4.252	60.00 2.362	63.00 2.480	10.00 .394	10.00 .394	2.4
M14	M33	48		3	1	C6-391.61-03 196	63.00 2.480	196.00 7.717		86.00 3.386		17.50 .689	17.50 .689	4.5
M3	M12	19	C8	1	0	C8-391.60-01 085A	80.00 3.150	85.00 3.346	40.50 1.594	36.00 1.417	80.00 3.150	7.50 .295	7.50 .295	2.4
M8	M20	31		2	0	C8-391.60-02 110A	80.00 3.150	110.00 4.331	64.50 2.539	53.00 2.087	63.00 2.480	12.50 .492	12.50 .492	3.3
M14	M33	48		3	0	C8-391.60-03 160A	80.00 3.150	160.00 6.299	129.00 5.079	78.00 3.071	80.00 3.150	20.00 .787	20.00 .787	3.7

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Recomendaciones:

Para conseguir los mejores resultados en máquinas no previstas para operaciones de roscado sincronizado, se deben tener en cuenta las recomendaciones siguientes.

- Programe el avance de la roscado un 10% más bajo que el valor teórico (paso de rosca rpm). Esto permite al macho cortar limpiamente con gran precisión.
- Reducir la profundidad de roscado un 10% para impedir la rotura del macho.
- Cuando se roscan agujeros profundos en materiales blandos, como p.ej. el aluminio, el avance y la profundidad deberán reducirse sólo en un 3-5%.



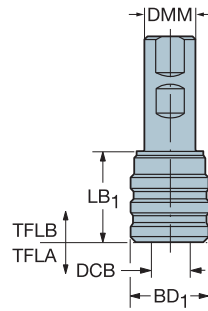
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Plato roscado de cambio rápido


Mango Weldon



393.2060



Mango, métrica

Gama de machos						Código de pedido		Dimensiones					
mín.	máx.	DCB	CZC_MS	CZC_WS	CNSC			DMM	LB1	BD1	TFLA	TFLB	
M3	M12	19	25	1	0	393.2060-25 01 045		25.00	45.00	39.00	7.50	7.50	0.6
M8	M20	31		2	0	393.2060-25 02 068		25.00	68.00	60.00	10.00	10.00	2.1
M14	M33	48	32	3	0	393.2060-32 03 099		32.00	99.00	86.00	17.50	17.50	4.5

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Para adaptadores de roscado de cambio rápido, véase la pág. 261.

Recomendaciones:

Para conseguir los mejores resultados en máquinas no previstas para operaciones de roscado sincronizado, se deben tener en cuenta las recomendaciones siguientes.

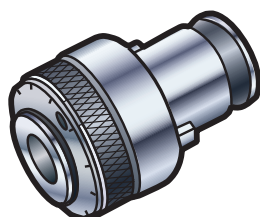
- Programe el avance de la roscado un 10% más bajo que el valor teórico (paso de rosca rpm). Esto permite al macho cortar limpiamente con gran precisión.
- Reducir la profundidad de roscado un 10% para impedir la rotura del macho.
- Cuando se roscan agujeros profundos en materiales blandos, como p.ej. el aluminio, el avance y la profundidad deberán reducirse sólo en un 3-5%.



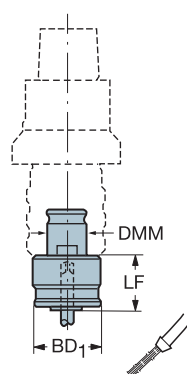
Adaptador de portamachos de cambio rápido

con embrague de fricción y para suministro de refrigerante externo e interno


393.03-SES



393.03-SES



Versión métrica

Tipo de mango	Preajustado ¹⁾ para	CZC_WS	CZC_MS	CNSC	Código de pedido	Dimensiones			
						DMM	LF	BD1	
DIN	M3	3.50 x 2.70	1	1	393.03-SES1 D035X027	19	25.00	32.50	0.2
	M3.5	4.00 x 3.00	1	1	393.03-SES1 D040X030	19	25.00	32.50	0.2
	M4	4.50 x 3.40	1	1	393.03-SES1 D045X034	19	25.00	32.50	0.2
	M8	6.00 x 4.90	1	1	393.03-SES1 D060X049	19	25.00	32.50	0.2
	M10	7.00 x 5.50	1	1	393.03-SES1 D070X055	19	25.00	32.50	0.2
	M8	8.00 x 6.20	1	1	393.03-SES1 D080X062	19	25.00	32.50	0.2
	M12	9.00 x 7.00	1	1	393.03-SES1 D090X070	19	25.00	32.50	0.2
	M8	6.00 x 4.90	2	1	393.03-SES2 D060X049	31	34.00	50.50	0.6
	M10	7.00 x 5.50	2	1	393.03-SES2 D070X055	31	34.00	50.50	0.6
	M8	8.00 x 6.20	2	1	393.03-SES2 D080X062	31	34.00	50.50	0.6
	M12	9.00 x 7.00	2	1	393.03-SES2 D090X070	31	34.00	50.50	0.6
	M14	11.00 x 9.00	2	1	393.03-SES2 D110X090	31	34.00	50.50	0.6
	M14	12.00 x 9.00	2	1	393.03-SES2 D120X090	31	34.00	50.50	0.6
	M18	14.00 x 11.00	2	1	393.03-SES2 D140X110	31	34.00	50.50	0.6
	M20	16.00 x 12.00	2	1	393.03-SES2 D160X120	31	34.00	50.50	0.6
	M14	11.00 x 9.00	3	1	393.03-SES3 D110X090	48	45.00	72.00	1.7
	M16	12.00 x 9.00	3	1	393.03-SES3 D120X090	48	45.00	72.00	1.7
	M18	14.00 x 11.00	3	1	393.03-SES3 D140X110	48	45.00	72.00	1.7
	M20	16.00 x 12.00	3	1	393.03-SES3 D160X120	48	45.00	72.00	1.7
	M24	18.00 x 14.50	3	1	393.03-SES3 D180X145	48	45.00	72.00	1.7
M30	22.00 x 18.00	3	1	393.03-SES3 D220X180	48	45.00	72.00	1.7	
ISO	M4	3.15 x 2.50	1	1	393.03-SES1 D031X025	19	25.00	32.50	0.2
	M5	4.00 x 3.15	1	1	393.03-SES1 D040X031	19	25.00	32.50	0.2
	M6	4.50 x 3.55	1	1	393.03-SES1 D045X035	19	25.00	32.50	0.2
	M5	5.00 x 4.00	1	1	393.03-SES1 D050X040	19	25.00	32.50	0.2
	M8	6.30 x 5.00	1	1	393.03-SES1 D063X050	19	25.00	32.50	0.2
	M8	8.00 x 6.30	1	1	393.03-SES1 D080X063	19	25.00	32.50	0.2
	M12	9.00 x 7.10	1	1	393.03-SES1 D090X071	19	25.00	32.50	0.2
	M10	10.00 x 8.00	1	1	393.03-SES1 D100X080	19	25.00	32.50	0.2
	M8	8.00 x 6.30	2	1	393.03-SES2 D080X063	31	34.00	50.50	0.6
	M12	9.00 x 7.10	2	1	393.03-SES2 D090X071	31	34.00	50.50	0.6
	M10	10.00 x 8.00	2	1	393.03-SES2 D100X080	31	34.00	50.50	0.6
	M14	11.20 x 9.00	2	1	393.03-SES2 D112X090	31	34.00	50.50	0.6
	M16	12.50 x 10.00	2	1	393.03-SES2 D125X100	31	34.00	50.50	0.6
	M18	14.00 x 11.20	2	1	393.03-SES2 D140X112	31	34.00	50.50	0.6
	M14	11.20 x 9.00	3	1	393.03-SES3 D112X090	48	45.00	72.00	1.7
	M20	14.00 x 11.20	3	1	393.03-SES3 D140X112	48	45.00	72.00	1.7
	M22	16.00 x 12.50	3	1	393.03-SES3 D160X125	48	45.00	72.00	1.7
	M24	18.00 x 14.00	3	1	393.03-SES3 D180X140	48	45.00	72.00	1.7
	M27	20.00 x 16.00	3	1	393.03-SES3 D200X160	48	45.00	72.00	1.7
	M33	25.00 x 20.00	3	1	393.03-SES3 D250X200	48	45.00	72.00	1.7

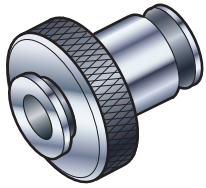
Para la explicación de los parámetros, véanse las páginas 1 y 7.

¹⁾ Si desea más información técnica, consulte la Guía técnica sobre corte de metal

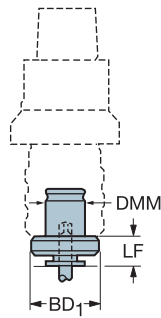
Adaptador de portamachos de cambio rápido

sin embrague de fricción y para suministro de refrigerante externo e interno

393.03-SE



393.03-SE



Versión métrica

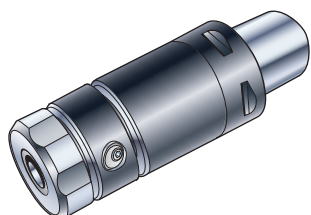
Tipo de mango	CZC_WS	CZC_MS	CNSC	Código de pedido	Dimensiones			
					DMM	LF	BD1	
DIN	4.50 x 3.40	1	1	393.03-SE1 D045X034	19	7.00	30.00	0.1
	6.00 x 4.90	1	1	393.03-SE1 D060X049	19	7.00	30.00	0.1
	7.00 x 5.50	1	1	393.03-SE1 D070X055	19	7.00	30.00	0.1
	8.00 x 6.20	1	1	393.03-SE1 D080X062	19	7.00	30.00	0.1
	9.00 x 7.00	1	1	393.03-SE1 D090X070	19	7.00	30.00	0.1
	6.00 x 4.90	2	1	393.03-SE2 D060X049	31	11.00	48.00	0.1
	7.00 x 5.50	2	1	393.03-SE2 D070X055	31	11.00	48.00	0.3
	8.00 x 6.20	2	1	393.03-SE2 D080X062	31	11.00	48.00	0.3
	9.00 x 7.00	2	1	393.03-SE2 D090X070	31	11.00	48.00	0.3
	11.00 x 9.00	2	1	393.03-SE2 D110X090	31	11.00	48.00	0.3
	12.00 x 9.00	2	1	393.03-SE2 D120X090	31	11.00	48.00	0.3
	14.00 x 11.00	2	1	393.03-SE2 D140X110	31	11.00	48.00	0.3
	16.00 x 12.00	2	1	393.03-SE2 D160X120	31	11.00	48.00	0.3
	ISO	3.15 x 2.24	1	1	393.03-SE1 D0315X022	19	7.00	30.00	0.1
4.00 x 3.15		1	1	393.03-SE1 D040X031	19	7.00	30.00	0.1
5.00 x 4.00		1	1	393.03-SE1 D050X040	19	7.00	30.00	0.1
6.30 x 5.00		1	1	393.03-SE1 D063X050	19	7.00	30.00	0.1
8.00 x 6.30		1	1	393.03-SE1 D080X063	19	7.00	30.00	0.1
9.00 x 7.10		1	1	393.03-SE1 D090X071	19	7.00	30.00	0.1
10.00 x 8.00		1	1	393.03-SE1 D100X080	19	7.00	30.00	0.1
6.30 x 5.00		2	1	393.03-SE2 D063X050	31	11.00	48.00	0.1
8.00 x 6.30		2	1	393.03-SE2 D080X063	31	11.00	48.00	0.3
9.00 x 7.10		2	1	393.03-SE2 D090X071	31	11.00	48.00	0.3
10.00 x 8.00		2	1	393.03-SE2 D100X080	31	11.00	48.00	0.3
11.20 x 9.00		2	1	393.03-SE2 D112X090	31	11.00	48.00	0.3
12.50 x 10.00		2	1	393.03-SE2 D125X100	31	11.00	48.00	0.3
14.00 x 11.20		2	1	393.03-SE2 D140X112	31	11.00	48.00	0.3

Para la explicación de los parámetros, véanse las páginas 1 y 7.

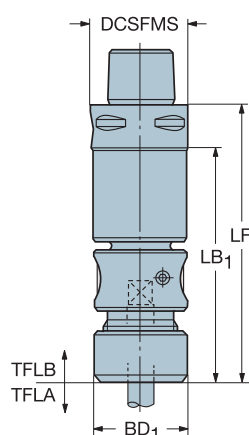
Portapinzas de goma flotante


Coromant Capto

391.60B



Cx-391.60B (MC)



Gama de machos					Código de pedido	Dimensiones, mm, pulgadas						
mín.	máx.	CZC_MS	CZC_WS	CNSC		DCSFMS	LF	LB1	BD1	TFLA	TFLB	
M5	M12	C3	J42x	0	C3-391.60B-01 095A	32.00 <i>1.260</i>	60.00 <i>2.362</i>	80.00 <i>3.150</i>	31.00 <i>1.220</i>	10.00 <i>.394</i>	2.00 <i>.079</i>	0.6
M7	M16	C4	J44x	0	C4-391.60B-02 101A	40.00 <i>1.575</i>	60.00 <i>2.362</i>	40.00 <i>1.575</i>	10.00 <i>.394</i>	2.00 <i>.079</i>	0.7	
M14	M32	C5	J46x	0	C5-391.60B-03 158A	50.00 <i>1.968</i>	103.00 <i>4.055</i>	56.40 <i>2.220</i>	10.00 <i>.394</i>	2.00 <i>.079</i>	2.3	

Para la explicación de los parámetros, véanse las páginas 1 y 7.

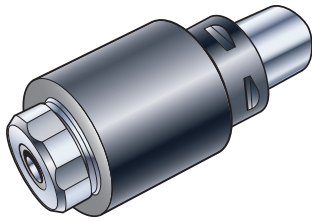
Las pinzas deben pedirse por separado, ver página 264.



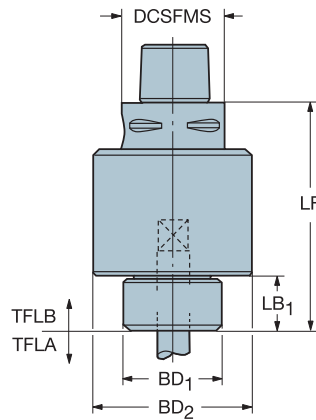
Portapinzas de goma flotante

Tipo de pinza con suministro de refrigerante externo

391.60B



Cx-391.60B (TC)



Gama de machos					Código de pedido	Dimensiones, mm, pulgadas						
mín.	máx.	CZC_MS	CZC_WS	CNSC		DCSFMS	LF	LB1	BD1	TFLA	TFLB	
M4	M12	C3	J42x	0	C3-391.60B-01 062A	32.00 <i>1.260</i>	25.50 <i>1.004</i>	18.00 <i>.709</i>	31.00 <i>1.220</i>	10.00 <i>.394</i>	2.00 <i>.079</i>	0.7
M4	M12	C4	J42x	0	C4-391.60B-01 062A	40.00 <i>1.575</i>	25.50 <i>1.004</i>	18.00 <i>.709</i>	31.00 <i>1.220</i>	10.00 <i>.394</i>	2.00 <i>.079</i>	0.9
M4	M12		J42x	0	C4-391.60B-01 079A	40.00 <i>1.575</i>	42.00 <i>1.654</i>	18.00 <i>.709</i>	31.00 <i>1.220</i>	10.00 <i>.394</i>	2.00 <i>.079</i>	0.7
M5	M16	C5	J44x	0	C5-391.60B-02 062A	50.00 <i>1.968</i>	22.00 <i>.866</i>	19.00 <i>.748</i>	40.00 <i>1.575</i>	10.00 <i>.394</i>	2.00 <i>.079</i>	1.0
M5	M16		J44x	0	C5-391.60B-02 074A	50.00 <i>1.968</i>	34.00 <i>1.339</i>	19.00 <i>.748</i>	40.00 <i>1.575</i>	10.00 <i>.394</i>	2.00 <i>.079</i>	1.0

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Las pinzas de goma se deben pedir aparte

Tamaño de pinza		Código de pedido				Adecuado para:
d_{m_m}	mm (pulg.)		Mango DIN 374 ¹⁾			
1	3.5-6.5 (.138-.256)	391.60A-OZ J421	M4-M8 (0-1/4)		...	...01 xxx
2	6.5-10 (.256-.394)	391.60A-OZ J422	M6-M12 (1/4-9/16)		...	...01 xxx
3	2.8-7 (.110-.276)	391.60A-OZ J440	M5-M10 (0-1/4)		...	...02 xxx
4	7-13 (.276-.512)	391.60A-OZ J443	M7-M16 (5/16-5/8)		...	...02 xxx
5	10-16 (.394-.630)	391.60A-OZ J461	M10-M16 (9/16-3/4)		...	...03 xxx
6	16-23 (.630-.906)	391.60A-OZ J462	M20-M30 (13/16-1 1/8)		...	...03 xxx

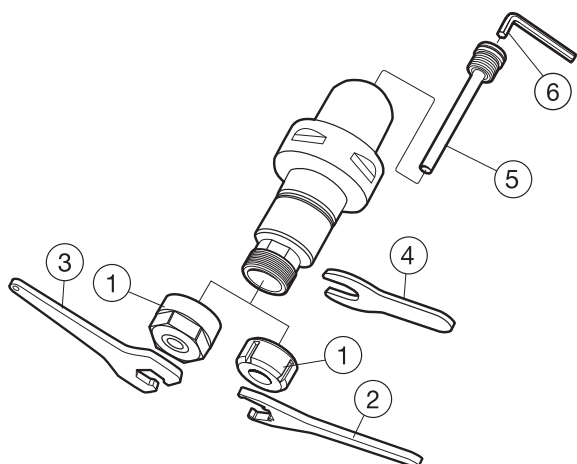
¹⁾ Para otros estándares, comprobar la dimensión del diámetro del mango



Adaptador portapinzas de roscado SynchroFlex® ER

Coromant Capto®

391.62/391.63



	1	2 ¹⁾	3 ¹⁾	4 ¹⁾	5	6 ¹⁾
Código de pedido	Tuerca	Llave	Llave de tuerca	Llave de tuerca	Tubo de refrigerante	Llave (mm)
Cx-391.62-20 xxx	5533 050-08	-	5680 091-02	5680 092-04	-	-
Cx-391.62-25 xxx	5533 050-02	5680 096-02	-	5680 092-05	-	-
Cx-391.62-40 xxx	5533 050-04	5680 096-04	-	5680 092-06	-	-
Cx-391.63-11 xxx	5533 050-07	-	5680 051-03	5680 052-03	-	-
Cx-391.63-20 xxx	5533 051-02	-	5680 091-02	5680 092-04	5692 031-01	3021 010-030 (3.0)
C3-391.63-20 105	5533 051-02	-	5680 091-02	5680 092-04	5692 01-04	3021 010-030 (3.0)
Cx-391.63-25 xxx	5533 051-03	5680 096-02	-	5680 092-05	5692 031-02	3021 010-030 (3.0)
Cx-391.63-40 xxx	5533 051-05	5680 096-04	-	5680 092-06	5692 031-03	3021 010-030 (3.0)

1) Los accesorios deben pedirse por separado

Accesorios

Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257

Importante

Utilizar dos llaves para apretar la tuerca de la pinza firmemente.

No se recomienda apretar agarrando el mango del accesorio.

Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

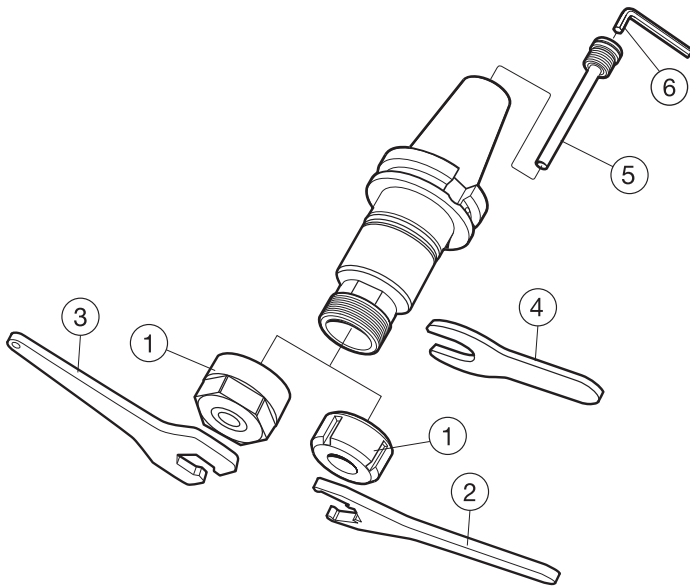
Valores de apriete recomendados para tuercas de pinzas de roscado ER

Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb

Adaptador portapinzas de roscado SynchroFlex® ER

MAS-BT 403

392.5563



	1	2 ¹⁾	3 ¹⁾	4 ¹⁾	5	6
Código de pedido	Tuerca	Llave	Llave	Llave	Tubo de refrigerante	Llave
392.5563-30 11 082	5533 051-07	-	5680 091-02	-	-	-
392.5563-30 20 105	5533 051-02	-	5680 091-03	5680 092-05	5692 031-01	3021 010-030 (3.0)
392.5563-30 25 125	5533 051-03	5680 096-02	-	5680 092-06	5692 031-02	3021 010-030 (3.0)

1) Los accesorios deben pedirse por separado

Accesorios

Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257

Importante

Utilizar dos llaves para apretar la tuerca de la pinza firmemente.

No se recomienda apretar agarrando el mango del accesorio.

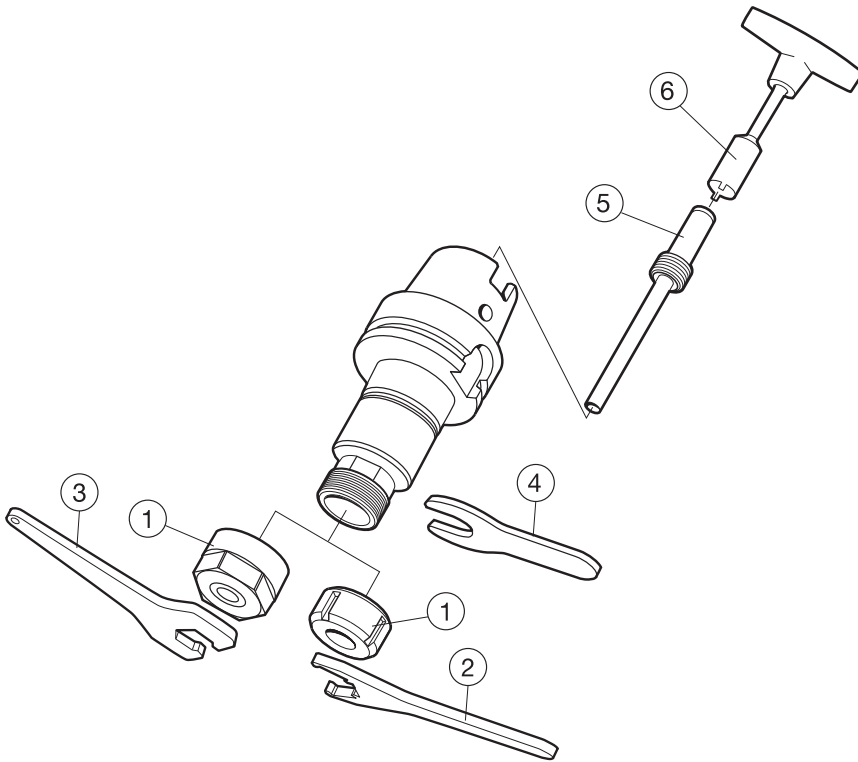
Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

Valores de apriete recomendados para tuercas de pinzas de roscado ER

Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb

Adaptador portapinzas de roscado SynchroFlex® ER

HSK



	1	2 ¹⁾	3 ¹⁾	4 ¹⁾	5	6
Código de pedido	Tuerca	Llave	Llave	Llave	Tubo de refrigerante	Llave
392.41062-63 20 xxx	5533 050-08	-	5680 091-02	5680 092-04	-	-
392.41062-63 25 xxx	5533 050-02	5680 096-02	-	5680 092-05	-	-
392.41062-63 40 xxx	5533 050-04	5680 096-04	-	5680 092-06	-	-
392.41062-100 20 xxx	5533 050-08	-	5680 091-02	5680 092-04	-	-
392.41062-100 25 xxx	5533 050-02	5680 096-02	-	5680 092-05	-	-
392.41062-100 40 xxx	5533 050-04	5680 096-04	-	5680 092-06	-	-
392.41063-63 20 xxx	5533 051-02	-	5680 091-02	5680 092-04	5692 032-01	5680 094-04
392.41063-63 25 xxx	5533 051-03	5680 096-02	-	5680 092-05	5692 032-02	5680 094-04
392.41063-63 40 xxx	5533 051-05	5680 096-04	-	5680 092-06	5692 032-05	5680 094-04
392.41063-100 20 xxx	5533 051-02	-	5680 091-02	5680 092-04	5692 032-03	5680 094-06
392.41063-100 25 xxx	5533 051-03	5680 096-02	-	5680 092-05	5692 032-04	5680 094-06
392.41063-100 40 xxx	5533 051-05	5680 096-04	-	5680 092-06	5692 032-06	5680 094-06

1) Los accesorios deben pedirse por separado

Accesorios Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257									
Importante Utilizar dos llaves para apretar la tuerca de la pinza firmemente.									
No se recomienda apretar agarrando el mango del accesorio.	Valores de apriete recomendados para tuercas de pinzas de roscado ER <table border="1"> <tr> <td>Todas las ER11</td> <td>30 Nm/22 pies-lb</td> </tr> <tr> <td>Todas las ER20</td> <td>100 Nm/73 pies-lb</td> </tr> <tr> <td>Todas las ER25</td> <td>130 Nm/95 ft-lbs</td> </tr> <tr> <td>Todos los ER40</td> <td>220 Nm/160 pies-lb</td> </tr> </table>	Todas las ER11	30 Nm/22 pies-lb	Todas las ER20	100 Nm/73 pies-lb	Todas las ER25	130 Nm/95 ft-lbs	Todos los ER40	220 Nm/160 pies-lb
Todas las ER11		30 Nm/22 pies-lb							
Todas las ER20		100 Nm/73 pies-lb							
Todas las ER25		130 Nm/95 ft-lbs							
Todos los ER40	220 Nm/160 pies-lb								
Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.									

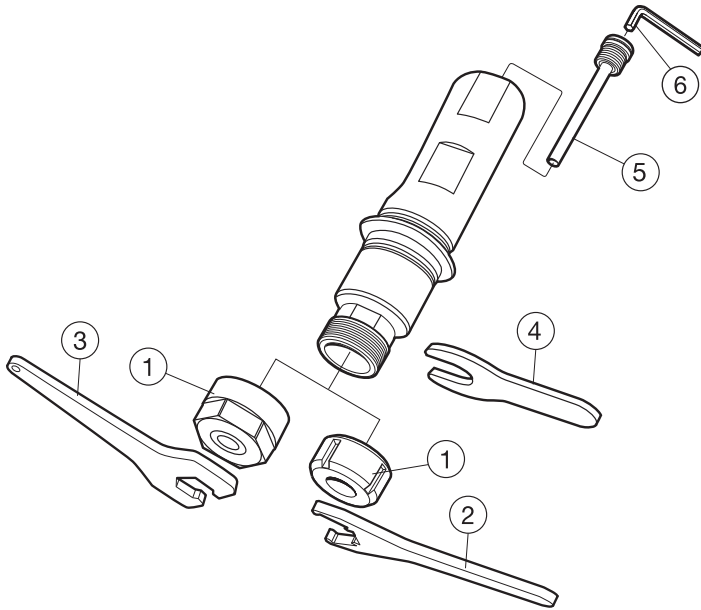
Adaptador portapinzas de roscado SynchroFlex® ER

Mango combinado Weldon/Whistle Notch

Tipo pinza

393.2062

393.2063



Mango Weldon

393.2062/393.2063	1	2 ¹⁾	3 ¹⁾	4 ¹⁾	5	6
	Tuerca	Llave	Llave de tuerca	Llave de tuerca	Tubo de refrigerante	Llave
393.2062 -xx 11	5533 050-07	-	5680 091-03	5680 092-03	-	-
393.2062 -xx 20	5533 050-08	-	5680 091-02	5680 092-04	-	-
393.2062 -xx 25	5533 050-02	5680 096-02	-	5680 092-05	-	-
393.2063 -xx 20	5533 051-02	-	5680 091-02	5680 092-04	5692 031-01	3021 010- 030
393.2063 -xx 25	5533 051-03	5680 096-02	-	5680 092-05	5692 031-02	3021 010- 030
393.2063 -xx 40	5533 051-05	5680 096-04	-	5680 092-06	5692 031-03	3021 010- 030

¹⁾ Los accesorios deben pedirse por separado

Accesorios

Las llaves y los portapinzas ER no se suministran con la herramienta y deben pedirse por separado. Véase la página 257

Importante

Utilizar dos llaves para apretar la tuerca de la pinza firmemente.

No se recomienda apretar agarrando el mango del accesorio.

Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

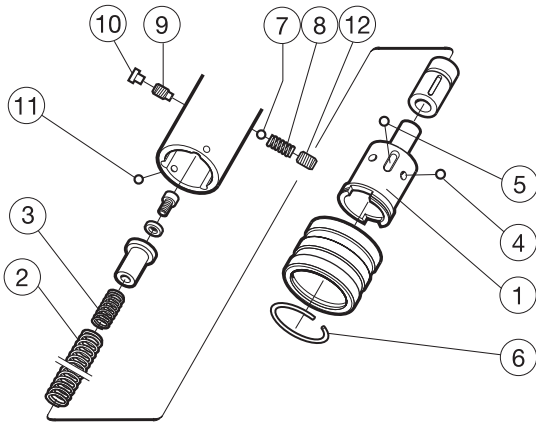
Valores de apriete recomendados para tuercas de pinzas de roscado ER

Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb

Plato roscado de cambio rápido

Conjunto de piezas de repuesto

Coromant Capto Cx-391.60/61
 HSK 392.41060
 Weldon 393.2060



1. Casquillo
2. Muelle de compresión
3. Muelle de compresión
4. Bola
5. Bola
6. Circlip
7. Bola
8. Muelle de compresión
9. Tornillo tope
10. Tapón de plástico
11. Anillo de sujeción (tamaño 1)
12. Tornillo

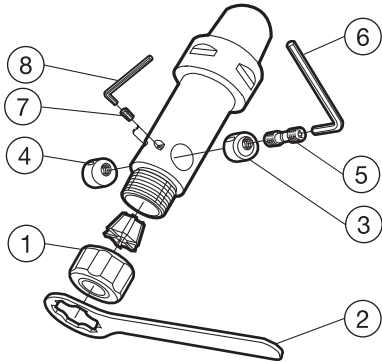
Tamaño de adaptador	Cilindro	Conjunto de piezas de repuesto
Cx-391.60/61xxx-00 393.4160-xx00 A393.2060-xx00	5638 055-00	5471 020-00
Cx-391.60/61xxxx-01 392.41060-xx01 393.2060-xx01 A393.2060-xx01	5638 055-01	5471 020-01
Cx-391.60/61xxxx-02 392.41060-xx02 393.2060-xx02 A393.2060-xx02	5638 055-02	5471 020-02
Cx-391.60/61xxxx-03 392.41060-xx03 393.2060-xx03 A393.2060-xx03	5638 055-03	5471 020-03
Cx-391.60/61xxx-04 393.4160-xx04 A393.2060-xx04	5638 055-04	5471 020-04

Portapinzas de goma flotante

Coromant Capto®

Cx-391.60A

Cx-391.60B



	1	2 ¹⁾	3	4
Cx-391.60A- Cx-391.60B-	Tuerca de bloqueo	Llave de tuerca	Mordaza derecha	Mordaza izquierda
01 xxx	391.60A-OZ 3158	5680 090-01	5412 093-01	5412 093-02
02 xxx	391.60A-OZ 3159	5680 090-02	5412 093-01	5412 093-02
03 xxx	391.60A-OZ N460	5680 092-01	5412 093-03	5412 093-04
	5	6 ¹⁾	7	8 ¹⁾
Cx-391.60A- Cx-391.60B-	Tornillo de ajuste	Llave para mordazas (mm)	Tornillo de alojamiento	Llave (mm)
01 xxx	5516 050-01	3021 010-040 (4.0)	3214 020-255	174.1-870 (2.0)
02 xxx	5516 050-01	3021 010-040 (4.0)	3214 020-255	174.1-870 (2.0)
03 xxx	5516 050-02	3021 010-050 (5.0)	3214 020-305	174.1-863 (2.5)

1) Los accesorios deben pedirse por separado

INSTRUCCIONES GENERALES PARA EL ROSCADO

El éxito de toda operación de roscado depende de diversos factores; todos ellos afectan a la calidad del producto acabado.

1. Seleccione el diseño correcto del macho para el material del componente y el tipo de agujero, es decir, pasante o ciego, de la tabla Clasificación de materiales.
2. Asegurar que el componente esté bien sujeto, ya que el movimiento lateral podría causar la rotura del macho o la formación de roscas de mala calidad.
3. Seleccionar el tamaño correcto de la broca de la página del catálogo correspondiente. Recordar que los tamaños de taladro para los machos de laminación son distintos. Asegurarse siempre de mantener al mínimo el endurecimiento del material del componente.
4. Seleccionar la velocidad de corte correcta, según se muestra en la página de productos del catálogo y en el CoroGuide.
5. Usar el fluido de corte adecuado para la aplicación correcta.
6. Asegurar la introducción suave del macho en el agujero, ya que un avance desigual podría producir defectos en la rosca.

MACHOS CLASE 2B Y 3B: ROSCAS DE TORNILLO DE PULGADA UNIFICADA

Tamaño	TPI		Límites del macho	
	UNC	UNF	Clase 2B	Clase 3B
0		80	H2	H1
1	64		H2	H1
1		72	H2	H1
2	56		H2	H1
2		64	H2	H1
3	48		H2	H1
3		56	H2	H1
4	40		H2	H2
4		48	H2	H1
5	40		H2	H2
5		44	H2	H1
6	32		H3	H2
6		40	H2	H2
8	32		H3	H2
8		36	H2	H2
10	24		H3	H3
10		32	H3	H2
12	24		H3	H3
12		28	H3	H3
1/4	20		H5	H3
1/4		28	H4	H3
5/16	18		H5	H3
5/16		24	H4	H3
3/8	16		H5	H3

Tamaño	TPI		Límites del macho	
	UNC	UNF	Clase 2B	Clase 3B
3/8		24	H4	H3
7/16	14		H5	H3
7/16		20	H5	H3
1/2	13		H5	H3
1/2		20	H5	H3
9/16	12		H5	H3
9/16		18	H5	H3
5/8	11		H5	H3
5/8		18	H5	H3
3/4	10		H5	H5
3/4		16	H5	H3
7/8	9		H6	H4
7/8		14	H6	H4
1"	8		H6	H4
1"		12	H6	H4
1.1/8	7		H8	H4
1.1/8		12	H6	H4
1.1/4	7		H8	H4
1.1/4		12	H6	H4
1.3/8	6		H8	H4
1.3/8		12	H6	H4
1.1/2	6		H8	H4
1.1/2		12	H6	H4

MACHOS DE LAMINACION: GEOMETRIAS Y PROCESO

Los machos de laminación se distinguen de los machos de corte en que la rosca se produce por deformación plástica del material del componente, en lugar de por la acción de corte tradicional. Esto significa que la acción no produce virutas. La gama de aplicación consiste en materiales con buena conformabilidad. La resistencia a la tracción (R_m) no deberá exceder de 1200 N/mm² y factor de elongación (A_5) no deberá ser inferior a 10%.

Los machos de laminación son adecuados para un mecanizado normal y especialmente adecuados para roscar agujeros ciegos verticales. Estos machos también están disponibles con refrigeración interior.

Ventajas frente a los machos de corte

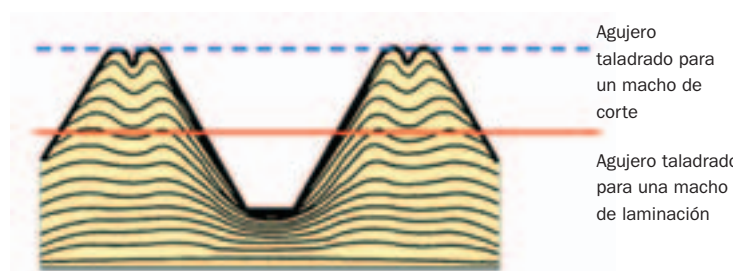
- El laminado es un proceso más rápido que el corte de la rosca ordinario
- Los machos de laminación presentan a menudo una vida útil de la herramienta más prolongada
- Un tipo de herramienta puede utilizarse con distintos materiales tanto para agujeros ciegos como pasantes
- Los machos de laminación presentan un diseño estable que ofrece un riesgo de rotura menor
- Se garantiza la correcta tolerancia de las roscas
- Ausencia de virutas
- Mayor resistencia de la rosca (mayor resistencia al desgaste) en comparación con la rosca obtenida mediante corte (hasta un 100% superior)
- Menor rugosidad superficial en la rosca obtenida por laminación comparada con la obtenida mediante corte

Condiciones previas para un uso efectivo

- Suficiente elongación del material $A_5 > 10\%$
- Diámetro preciso del agujero taladrado
- Es imprescindible una buena lubricación

DEFORMACION DEL MATERIAL EN EL CONFORMADO DE ROSCAS

El tamaño del agujero roscado depende del material que se ha de taladrar, de las condiciones de corte elegidas y de la condición del equipo utilizado. Si el macho empuja el material en la entrada de la rosca y/o la vida útil del macho es demasiado corta, seleccionar un diámetro de broca algo mayor. Por otro lado, si el perfil de la rosca formada es insuficiente, seleccionar un diámetro de broca algo menor.

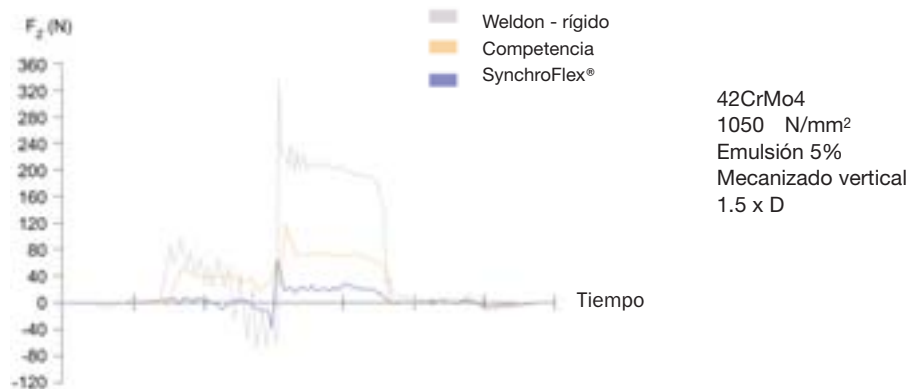


ACCESORIOS PARA EL ROSCADO

En el proceso de roscado, el equilibrio entre los movimientos de rotación y axial de la herramienta es complejo. A veces es necesario restringir los movimientos axiales de la herramienta.

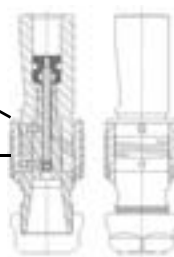
Incluso las microdiferencias entre el avance calculado y el paso real del macho pueden ocasionar fuerzas de empuje extremadamente elevadas en los flancos de la rosca y, por lo tanto, un aumento de la presión de corte, lo que reduce considerablemente la calidad de la rosca y acorta la vida útil de la herramienta.

El portamachos SynchroFlex® de Coromant se basa en un microcompensador de fabricación precisa o "Flexure", que compensa las desviaciones de posición en la microgama tanto radial como axialmente. Por consiguiente, la presión ejercida en los flancos del macho puede reducirse de forma considerable.



La compensación axial está limitada a un rango muy seguro

El par se transmite a través de los rodillos y pasadores - no del flexure



Entre las ventajas adicionales se incluyen:

- Menos fricción (y, por tanto, menos desgaste), de forma que se prolonga la vida útil de la herramienta
- Gran precisión en el control de profundidad, lo que se traduce en un proceso de producción más preciso
- Diseño delgado que mejora espectacularmente la evacuación de la viruta
- Mayor seguridad en el proceso debido a que se reduce el riesgo de rotura del macho
- Puesto que el movimiento está limitado a un rango muy seguro, el microcompensador nunca se somete a un esfuerzo excesivo y, por tanto, nunca se fatiga ni se desgasta

Adecuados para su utilización en máquinas CNC con ciclos de roscado sincronizados, todos los portamachos SynchroFlex® se encuentran disponibles con suministro de refrigerante interno (hasta 80 bar) para optimizar aún más la seguridad del proceso en el macho, en particular al roscar en materiales de acero inoxidable (ISO M) y níquel (ISO S).

Se encuentran disponibles las interfaces DIN 1835 B/E, HSK A/C 63 y Capto, así como adaptadores para la mayoría de sistemas de procesamiento secundario más comunes.

Los beneficios se maximizan al utilizar los portamachos SynchroFlex® con machos de gran espiral y amplio desahogo.

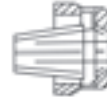
INSTALACION DEL MACHO

1. Seleccionar la pinza ER con cuadradillo según las dimensiones del mango del macho
2. Introducir la pinza en la tuerca asegurándose de que el montaje de la pinza y la tuerca sea correcta

INCORRECTO

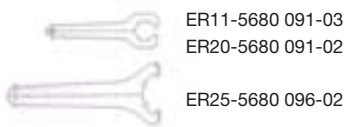


CORRECTO



3. Utilizar dos llaves para apretar la tuerca de la pinza firmemente. No se recomienda apretar agarrando el mango del accesorio. Procurar no apretar la tuerca excesivamente, ya que podría dañarse el accionamiento del macho.

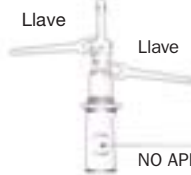
UTILIZAR LAS LLAVES TAL Y COMO SE INDICA



ER11-5680 091-03

ER20-5680 091-02

ER25-5680 096-02



Llave

Llave

NO APRETAR PRESIONADO AQUÍ

Valores de apriete recomendados para tuercas de pinzas de roscado ER	
Todas las ER11	30 Nm/22 pies-lb
Todas las ER20	100 Nm/73 pies-lb
Todas las ER25	130 Nm/95 ft-lbs
Todos los ER40	220 Nm/160 pies-lb

SUJECIÓN DEL MACHO DE CAMBIO RÁPIDO

Sujeción sencilla del macho con función de cambio rápido, tensión máxima y movimiento de compresión. Este tipo de portamachos se recomienda en el caso de machos para aplicaciones generales (GP, por sus siglas en inglés)/ estándares/manuales.

Al utilizar un accesorio de roscado flotante en aplicaciones NC, asegurarse de que el valor de avance seleccionado para el programa sea el correcto: se recomienda un 95% - 97% del paso para permitir que el macho genere su propio paso. Esto es posible únicamente en machos en espiral de rendimiento no elevado.

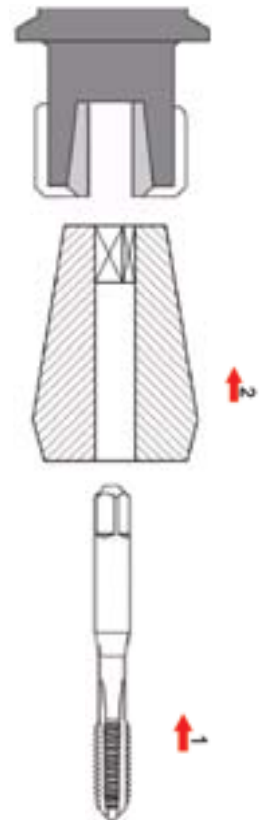
Al utilizar portamachos rígidos como el SynchroFlex®* o pinzas ER, aplicar el 100% del avance.

Utilizar siempre el fluido de corte adecuado para cada aplicación.

PORTAMACHOS DE CAMBIO RÁPIDO



PORTAPINZAS (ESTÁNDAR) (ER)



*SynchroFlex es una marca registrada de Tapmatic Corp., EE. UU.

Recomendaciones de tamaño de agujero

Guía de diámetros de agujero

Esta guía le proporciona recomendaciones para la selección del diámetro correcto para agujeros de rosca.

El tipo de broca y material de trabajo determinan el diámetro de agujero a elegir.

Tome en consideración que, dependiendo de la tolerancia de la broca, el diámetro del agujero puede no ser igual al tamaño de la broca. Para alcanzar un mayor nivel de precisión del agujero, utilice una broca enteriza de metal duro de alta tecnología con un estrecho nivel de tolerancia. Esto le permite elegir una broca más cercana al valor de diámetro máximo de broca mostrado en esta guía.

En casos excepcionales, tales como en las operaciones de taladrado en materiales más tenaces, se puede seleccionar un mayor diámetro de agujero para garantizar una mayor vida útil de la herramienta. La tenacidad de la rosca seguirá siendo adecuada, pero la rosca estará fuera de la tolerancia estándar.

Para obtener más información técnica, visite la página web www.sandvik.coromant.com

Recomendaciones de tamaño de agujero

Machos de roscar

M

DIN 13		Métrica		Pulgadas	
TDZ	TP	PHD	PHDX *5H/6H	PHD	PHDX 6H
M 1*	x 0,25	0,75	0,785	0,0295	0,0309
M 1,1*	x 0,25	0,85	0,885	0,0335	0,0348
M 1,2*	x 0,25	0,95	0,985	0,0374	0,0388
M 1,4*	x 0,30	1,10	1,142	0,0433	0,0450
M 1,6	x 0,35	1,25	1,321	0,0492	0,0520
M 1,8	x 0,35	1,45	1,521	0,0571	0,0599
M 2	x 0,40	1,60	1,679	0,0630	0,0661
M 2,2	x 0,45	1,75	1,838	0,0689	0,0724
M 2,3	x 0,40	1,85	1,938	0,0728	0,0763
M 2,5	x 0,45	2,05	2,138	0,0807	0,0842
M 2,6	x 0,45	2,15	2,238	0,0846	0,0881
M 3	x 0,50	2,50	2,599	0,0984	0,1023
M 3,5	x 0,60	2,90	3,010	0,1142	0,1185
M 4	x 0,70	3,30	3,422	0,1299	0,1347
M 4,5	x 0,75	3,70	3,878	0,1457	0,1527
M 5	x 0,80	4,20	4,334	0,1654	0,1706
M 6	x 1,00	5,00	5,153	0,1969	0,2029
M 7	x 1,00	6,00	6,153	0,2362	0,2422
M 8	x 1,25	6,80	6,912	0,2677	0,2721
M 9	x 1,25	7,80	7,912	0,3071	0,3115
M 10	x 1,50	8,50	8,676	0,3346	0,3416
M 11	x 1,50	9,50	9,676	0,3740	0,3809
M 12	x 1,75	10,20	10,441	0,4016	0,4111
M 14	x 2,00	12,00	12,210	0,4724	0,4807
M 16	x 2,00	14,00	14,210	0,5512	0,5594
M 18	x 2,50	15,50	15,744	0,6102	0,6198
M 20	x 2,50	17,50	17,744	0,6890	0,6986
M 22	x 2,50	19,50	19,744	0,7677	0,7773
M 24	x 3,00	21,00	21,252	0,8268	0,8367
M 27	x 3,00	24,00	24,252	0,9449	0,9548
M 30	x 3,50	26,50	26,771	1,0433	1,0540
M 33	x 3,50	29,50	29,771	1,1614	1,1721
M 36	x 4,00	32,00	32,270	1,2598	1,2705
M 39	x 4,00	35,00	35,270	1,3780	1,3886
M 42	x 4,50	37,50	37,799	1,4764	1,4881
M 45	x 4,50	40,50	40,799	1,5945	1,6063
M 48	x 5,00	43,00	43,297	1,6929	1,7046
M 52	x 5,00	47,00	47,297	1,8504	1,8621
M 56	x 5,50	50,50	50,796	1,9882	1,9998
M 64	x 6,00	58,00	58,305	2,2835	2,2955

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Recomendaciones de tamaño de agujero

Machos de roscar

MF

DIN 13		Métrica		Pulgadas	
TDZ	TP	PHD	PHDX 6H	PHD	PHDX 6H
M 2,5	x 0,35	2,15	2,221	0,0846	0,0874
M 3,0	x 0,35	2,65	2,721	0,1043	0,1071
M 3,5	x 0,35	3,15	3,221	0,1240	0,1268
M 4,0	x 0,50	3,50	3,599	0,1378	0,1417
M 4,5	x 0,50	4,00	4,099	0,1575	0,1614
M 5,0	x 0,50	4,50	4,599	0,1772	0,1811
M 5,5	x 0,50	5,00	5,099	0,1969	0,2007
M 6,0	x 0,75	5,25	5,378	0,2047	0,2117
M 7,0	x 0,75	6,25	6,378	0,2441	0,2511
M 8,0	x 0,50	7,50	7,599	0,2953	0,2992
M 8,0	x 0,75	7,25	7,378	0,2835	0,2905
M 8,0	x 1,00	7,00	7,153	0,2756	0,2816
M 9,0	x 0,75	8,25	8,378	0,3228	0,3298
M 9,0	x 1,00	8,00	8,153	0,3150	0,3210
M 10	x 0,75	9,25	9,378	0,3622	0,3692
M 10	x 1,00	9,00	9,153	0,3543	0,3604
M 10	x 1,25	8,80	8,912	0,3465	0,3509
M 11	x 0,75	10,25	10,378	0,4016	0,4086
M 11	x 1,00	10,00	10,153	0,3937	0,3997
M 12	x 1,00	11,00	11,153	0,4331	0,4391
M 12	x 1,25	10,75	10,912	0,4252	0,4296
M 12	x 1,50	10,50	10,676	0,4134	0,4203
M 14	x 1,00	13,00	13,153	0,5118	0,5178
M 14	x 1,25	12,75	12,912	0,5039	0,5083
M 14	x 1,50	12,50	12,676	0,4921	0,4991
M 15	x 1,00	14,00	14,153	0,5512	0,5572
M 15	x 1,50	13,50	13,676	0,5315	0,5384
M 16	x 1,00	15,00	15,153	0,5906	0,5966
M 16	x 1,25	14,80	14,912	0,5827	0,5871
M 16	x 1,50	14,50	14,676	0,5709	0,5778
M 17	x 1,00	16,00	16,153	0,6299	0,6359
M 17	x 1,50	15,50	15,676	0,6102	0,6172
M 18	x 1,00	17,00	17,153	0,6693	0,6753
M 18	x 1,50	16,50	16,676	0,6496	0,6565
M 20	x 1,00	19,00	19,153	0,7480	0,7541
M 20	x 1,50	18,50	18,676	0,7283	0,7353
M 20	x 2,00	18,00	18,210	0,7087	0,7169
M 22	x 1,00	21,00	21,153	0,8268	0,8328
M 22	x 1,50	20,50	20,676	0,8071	0,8140
M 22	x 2,00	20,00	20,210	0,7874	0,7957
M 24	x 1,00	23,00	23,153	0,9055	0,9115
M 24	x 1,50	22,50	22,676	0,8858	0,8928
M 24	x 2,00	22,00	22,210	0,8661	0,8744
M 25	x 1,00	24,00	24,153	0,9449	0,9509
M 25	x 1,50	23,50	23,676	0,9252	0,9321
M 25	x 2,00	23,00	23,210	0,9055	0,9138
M 27	x 1,00	26,00	26,153	1,0236	1,0296
M 27	x 1,50	25,50	25,676	1,0039	1,0109
M 27	x 2,00	25,00	25,210	0,9843	0,9925
M 28	x 1,00	27,00	27,153	1,0630	1,0690
M 28	x 1,50	26,50	26,676	1,0433	1,0502
M 28	x 2,00	26,00	26,210	1,0236	1,0319
M 30	x 1,00	29,00	29,153	1,1417	1,1478
M 30	x 1,50	28,50	28,676	1,1220	1,1290
M 30	x 2,00	28,00	28,210	1,1024	1,1106
M 30	x 3,00	27,00	27,252	1,0630	1,0729
M 32	x 1,50	30,50	30,676	1,2008	1,2077
M 32	x 2,00	30,00	30,210	1,1811	1,1894
M 33	x 1,50	31,50	31,676	1,2402	1,2471
M 33	x 2,00	31,00	31,210	1,2205	1,2287
M 33	x 3,00	30,00	30,252	1,1811	1,1910
M 35	x 1,50	33,50	33,676	1,3189	1,3258
M 36	x 1,50	34,50	34,676	1,3583	1,3652

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Recomendaciones de tamaño de agujero

Machos de roscar

UNC

ASME B1.1		Métrica			Pulgadas		
TDZ	TPI	PHD	PHDX 2B	PHDX 3B	PHD	PHDX 2B	PHDX 3B
Nr. 1	- 64	1,55	1,582	1,582	0,0610	0,0623	0,0623
Nr. 2	- 56	1,85	1,872	1,872	0,0728	0,0737	0,0737
Nr. 3	- 48	2,10	2,146	2,146	0,0827	0,0845	0,0845
Nr. 4	- 40	2,35	2,385	2,385	0,0925	0,0939	0,0939
Nr. 5	- 40	2,65	2,697	2,697	0,1043	0,1062	0,1062
Nr. 6	- 32	2,85	2,896	2,896	0,1122	0,1140	0,1140
Nr. 8	- 32	3,50	3,531	3,528	0,1378	0,1390	0,1389
Nr. 10	- 24	3,90	3,962	3,950	0,1535	0,1560	0,1555
Nr. 12	- 24	4,50	4,597	4,590	0,1772	0,1810	0,1807
1/4	- 20	5,10	5,268	5,250	0,2008	0,2074	0,2067
5/16	- 18	6,60	6,734	6,680	0,2598	0,2651	0,2630
3/8	- 16	8,00	8,164	8,082	0,3150	0,3214	0,3182
7/16	- 14	9,40	9,550	9,441	0,3701	0,3760	0,3717
1/2	- 13	10,80	11,013	10,881	0,4252	0,4336	0,4284
9/16	- 12	12,20	12,456	12,301	0,4803	0,4904	0,4843
5/8	- 11	13,50	13,868	13,693	0,5315	0,5460	0,5391
3/4	- 10	16,50	16,833	16,324	0,6496	0,6627	0,6427
7/8	- 9	19,50	19,748	19,520	0,7677	0,7775	0,7685
1	- 8	22,25	22,598	22,344	0,8760	0,8897	0,8797
1 1/8	- 7	25,00	25,349	25,082	0,9843	0,9980	0,9875
1 1/4	- 7	28,00	28,524	28,258	1,1024	1,1230	1,1125
1 3/8	- 6	30,75	31,120	30,851	1,2106	1,2252	1,2146
1 1/2	- 6	34,00	34,295	34,026	1,3386	1,3502	1,3396
1 3/4	- 5	39,50	39,814	39,560	1,5551	1,5675	1,5575
2	- 4,5	45,00	45,598	45,367	1,7717	1,7952	1,7861

UNF

ASME B1.1		Métrica			Pulgadas		
TDZ	TPI	PHD	PHDX 2B	PHDX 3B	PHD	PHDX 2B	PHDX 3B
Nr.1	- 72	1,55	1,613	1,613	0,0610	0,0635	0,0635
Nr.2	- 64	1,85	1,913	1,913	0,0728	0,0753	0,0753
Nr.3	- 56	2,15	2,197	2,197	0,0846	0,0865	0,0865
Nr.4	- 48	2,40	2,459	2,459	0,0945	0,0968	0,0968
Nr.5	- 44	2,70	2,741	2,741	0,1063	0,1079	0,1079
Nr.6	- 40	2,95	3,023	3,012	0,1161	0,1190	0,1186
Nr.8	- 36	3,50	3,607	3,597	0,1378	0,1420	0,1416
Nr. 10	- 32	4,10	4,166	4,168	0,1614	0,1640	0,1641
Nr. 12	- 28	4,60	4,724	4,717	0,1811	0,1860	0,1857
1/4	- 28	5,50	5,580	5,563	0,2165	0,2197	0,2190
5/16	- 24	6,90	7,038	6,995	0,2717	0,2771	0,2754
3/8	- 24	8,50	8,626	8,565	0,3346	0,3396	0,3372
7/16	- 20	9,90	10,030	9,947	0,3898	0,3949	0,3916
1/2	- 20	11,50	11,618	11,524	0,4528	0,4574	0,4537
9/16	- 18	12,90	13,084	12,969	0,5079	0,5151	0,5106
5/8	- 18	14,50	14,671	14,554	0,5709	0,5776	0,5730
3/4	- 16	17,50	17,689	17,546	0,6890	0,6964	0,6908
7/8	- 14	20,40	20,663	20,493	0,8031	0,8135	0,8068
1	- 12	23,25	23,569	23,363	0,9154	0,9279	0,9198
1 1/8	- 12	26,50	26,744	26,538	1,0433	1,0529	1,0448
1 1/4	- 12	29,50	29,919	29,713	1,1614	1,1779	1,1698
1 3/8	- 12	32,75	33,094	32,888	1,2894	1,3029	1,2948
1 1/2	- 12	36,00	36,269	36,063	1,4173	1,4279	1,4198

G

DIN-ISO 228		Métrica		Pulgadas	
TDZ	TPI	PHD	PHDX	PHD	PHDX
G 1/16	- 28	6,80	6,843	0,2677	0,2694
G 1/8	- 28	8,80	8,848	0,3465	0,3483
G 1/4	- 19	11,80	11,890	0,4646	0,4681
G 3/8	- 19	15,25	15,395	0,6004	0,6061
G 1/2	- 14	19,00	19,173	0,7480	0,7548
G 5/8	- 14	21,00	21,129	0,8268	0,8319
G 3/4	- 14	24,50	24,659	0,9646	0,9708
G 7/8	- 14	28,25	28,419	1,1122	1,1189
G 1	- 11	30,75	30,932	1,2106	1,2178
G 1 1/8	- 11	35,50	35,580	1,3976	1,4008
G 1 1/4	- 11	39,50	39,593	1,5551	1,5588
G 1 1/2	- 11	45,25	45,486	1,7815	1,7908

Recomendaciones de tamaño de agujero

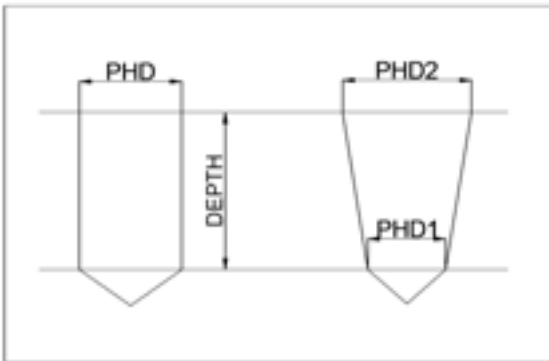
Machos de roscar

NPT

ASME B1.20.1 Cone 1:16			Métrica				Pulgadas			
TDZ	TPI	PHD	PHD1	PHD2	DEPTH	PHD	PHD1	PHD2	DEPTH	
1/16	- 27	6,15	5,95	6,39	10,7	0,2421	0,2343	0,2516	0,4213	
1/8	- 27	8,40	8,31	8,74	10,8	0,3307	0,3272	0,3441	0,4252	
1/4	- 18	11,10	10,73	11,36	15,6	0,4370	0,4224	0,4472	0,6142	
3/8	- 18	14,30	14,15	14,80	16,0	0,5630	0,5571	0,5827	0,6299	
1/2	- 14	17,90	17,47	18,32	20,8	0,7047	0,6878	0,7213	0,8189	
3/4	- 14	23,30	22,79	23,67	21,3	0,9173	0,8972	0,9319	0,8386	
1	- 11,5	29,00	28,46	29,69	25,6	1,1417	1,10472	1,1689	1,0079	

NPTF

ASME B1.20.3 Cone 1:16			Métrica				Pulgadas			
TDZ	TPI	PHD	PHD1	PHD2	DEPTH	PHD	PHD1	PHD2	DEPTH	
1/16	- 27	6,10	5,97	6,41	10,30	0,2402	0,2350	0,2524	0,4055	
1/8	- 27	8,40	8,33	8,77	10,30	0,3307	0,3280	0,3453	0,4055	
1/4	- 18	11,00	10,77	11,40	15,00	0,4331	0,4240	0,4488	0,5906	
3/8	- 18	14,50	14,19	14,84	15,30	0,5709	0,5587	0,5843	0,6024	
1/2	- 14	17,00	17,48	18,33	19,00	0,6693	0,6882	0,7217	0,7480	
3/4	- 14	23,00	22,84	23,72	9,00	0,9055	0,8992	0,9339	0,3543	
1	- 11,5	29,00	28,68	29,76	20,40	1,1417	1,1291	1,1717	0,8031	



Para la explicación de los parámetros, véanse las páginas 1 y 7.

Recomendaciones de tamaño de agujero

Machos de laminar

M

DIN 13		Métrica	Pulgadas
TDZ	TP	PHD	PHD
M 1	x 0,25	0,90	0,0354
M 1.2	x 0,25	1,10	0,0433
M 1.4	x 0,30	1,26	0,0496
M 1.6	x 0,35	1,45	0,0571
M 1.7	x 0,35	1,55	0,0610
M 1.8	x 0,35	1,65	0,0650
M 2	x 0,40	1,82	0,0728
M 2,2	x 0,45	2,00	0,0787
M 2,5	x 0,45	2,30	0,0906
M 3	x 0,50	2,80	0,1102
M 3,5	x 0,60	3,25	0,1280
M 4	x 0,70	3,70	0,1457
M 5	x 0,80	4,65	0,1831
M 6	x 1,00	5,55	0,2185
M 7	x 1,00	6,55	0,2579
M 8	x 1,25	7,40	0,2913
M 9	x 1,25	8,40	0,3307
M 10	x 1,50	9,30	0,3661
M 11	x 1,50	10,30	0,4055
M 12	x 1,75	11,20	0,4409
M 14	x 2,00	13,10	0,5157
M 16	x 2,00	15,10	0,5945
M 18	x 2,50	16,90	0,6654
M 20	x 2,50	18,90	0,7441
M 22	x 2,50	20,90	0,8228
M 24	x 3,00	22,70	0,8937

MF

DIN 13		Métrica	Pulgadas
TDZ	TP	PHD	PHD
M 2,5	x 0,35	2,35	0,0925
M 3	x 0,35	2,85	0,1122
M 4	x 0,35	3,85	0,1516
M 4	x 0,50	3,80	0,1496
M 5	x 0,50	4,80	0,1890
M 5,5	x 0,50	5,30	0,2087
M 6	x 0,75	5,65	0,2224
M 7	x 0,75	6,65	0,2618
M 8	x 0,75	7,65	0,3012
M 8	x 1,00	7,55	0,2972
M 9	x 0,75	8,65	0,3406
M 9	x 1,00	8,55	0,3366
M 10	x 0,75	9,65	0,3799
M 10	x 1,00	9,55	0,3760
M 10	x 1,25	9,40	0,3701
M 11	x 0,75	10,65	0,4193
M 11	x 1,00	10,55	0,4154
M 12	x 1,00	11,55	0,4547
M 12	x 1,25	11,40	0,4488
M 12	x 1,50	11,30	0,4449
M 14	x 1,00	13,55	0,5335
M 14	x 1,25	13,40	0,5276
M 14	x 1,25	13,30	0,5236
M 15	x 1,00	14,55	0,5728
M 15	x 1,50	14,30	0,5630
M 16	x 1,00	15,55	0,6122
M 16	x 1,50	15,30	0,6024
M 17	x 1,00	16,55	0,6516
M 17	x 1,50	16,30	0,6417
M 18	x 1,00	17,55	0,6909
M 18	x 1,50	17,30	0,6811
M 18	x 2,00	17,10	0,6732
M 20	x 1,00	19,55	0,7697
M 20	x 1,50	19,30	0,7598
M 24	x 1,00	23,55	0,9272
M 24	x 1,50	23,30	0,9173
M 24	x 2,00	23,10	0,9094

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Recomendaciones de tamaño de agujero

Machos de laminar

EG M

DIN 8140		Métrica
TDZ	TP	PHD
EG M 3	- 0,50	3,40
EG M 4	- 0,70	4,60
EG M 5	- 0,80	5,65
EG M 6	- 1,00	6,85
EG M 8	- 1,25	9,05
EG M 10	- 1,50	11,30
EG M 12	- 1,75	13,50

UNC

ASME B1.1		Métrica	Pulgadas
TDZ	TPI	PHD	PHD
Nr. 1	- 64	1,68	0,0661
Nr. 2	- 56	1,98	0,0780
Nr. 3	- 48	2,28	0,0898
Nr. 4	- 40	2,55	0,1004
Nr. 5	- 40	2,90	0,1142
Nr. 6	- 32	3,15	0,1240
Nr. 8	- 32	3,80	0,1496
Nr.10	- 24	4,35	0,1713
Nr.12	- 24	5,00	0,1969
1/4	- 20	5,75	0,2264
5/16	- 18	7,30	0,2874
3/8	- 16	8,80	0,3465
7/16	- 14	10,30	0,4055
1/2	- 13	11,80	0,4646
9/16	- 12	13,30	0,5236
5/8	- 11	14,80	0,5827
3/4	- 10	17,90	0,7047
7/8	- 9	21,00	0,8268
1	- 8	24,00	0,9449

UNF

UNF: ASME B1.1		Métrica	Pulgadas
TDZ	TPI	PHD	PHD
Nr. 1	- 72	1,70	0,0669
Nr. 2	- 64	2,00	0,0787
Nr. 3	- 56	2,30	0,0906
Nr. 4	- 48	2,60	0,1024
Nr. 5	- 44	2,90	0,1142
Nr. 6	- 40	3,20	0,1260
Nr. 8	- 36	3,85	0,1516
Nr.10	- 32	4,45	0,1752
Nr.12	- 28	5,10	0,2008
1/4	- 28	5,95	0,2343
1/6	- 24	7,45	0,2933
3/8	- 24	9,05	0,3563
7/16	- 20	10,55	0,4154
1/2	- 20	12,10	0,4764
9/16	- 18	13,65	0,5374
5/8	- 18	15,25	0,6004
3/4	- 16	18,35	0,7224
7/8	- 14	21,40	0,8425
1	- 12	24,45	0,9626

Para la explicación de los parámetros, véanse las páginas 1 y 7.

Tablas de referencias cruzadas de materiales

Estándar y país/región													
ISO	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS	EN	Sweden SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS	
P	Acero no aleado												
	P1.1.Z.AN	1.2	S235JR G2	1.0038	4360 40 C		1311	A570.36	E 24-2 Ne			STKM 12A;C	
	P1.1.Z.AN	1.2	S235J2 G3	1.0116	4360 40 B		1312	A573-81 65	E 24-U	Fe37-3			
	P1.1.Z.AN	1.2	C15	1.0401	080M15	-	1350	1015	CC12	C15C16	F.111	-	
	P1.1.Z.AN	1.2	C22	1.0402	050A20	2C/2D	1450	1020	CC20	C20C21	F.112	-	
	P1.1.Z.AN	1.2	C15E	1.1141	080M15	32C	1370	1015	XC12	C16	C15K	S15C	
	P1.1.Z.AN	1.2	C25E	1.1158	-	-	-	1025	-	-	-	S25C	
	P1.1.Z.AN	1.2	S380N	1.8900	4360 55 E		2145	A572-60	-	FeE390KG			
	P1.1.Z.AN	1.3	17MnV7	1.0870	4360 55 E		2142	A572-60	NFA 35-501 E 36	-	-	-	
	P1.1.Z.AN	1.3	55Si7	1.0904	250A53	45	2085	9255	55S7	55Si8	56Si7	-	
	P1.1.Z.HT	1.3	-	-	-	-	2090	9255	55S7	-	-	-	
	P1.2.Z.AN	1.2	S275J2G3	1.0144	4360 43C		1412	A573-81	E 28-3	-	-	SM 400A;B;C	
	P1.2.Z.AN	1.2	S355J2G3+C2	1.0570	4360 50B		2132	-	E36-3	Fe52BFN/ Fe52CFN	-	SM490A;B;C; YA;YB	
	P1.2.Z.AN	1.2	S355J2G3	1.0841	150 M 19		2172	5120	20 MC 5	Fe52	F-431	-	
	P1.2.Z.AN	1.3	C35	1.0501	060A35	-	1550	1035	CC35	C35	F.113	-	
	P1.2.Z.AN	1.3	C45	1.0503	080M46	-	1650	1045	CC45	C45	F.114	-	
	P1.2.Z.AN	1.3	40Mn4	1.1157	150M36	15	-	1039	35M5	-	-	-	
	P1.2.Z.AN	1.3	36Mn5	1.1167	-	-	2120	1335	40M5	-	36Mn5	SMn438(H)	
	P1.2.Z.AN	1.3	28Mn6	1.1170	150M28	14A	-	1330	20M5	C28Mn	-	SCMn1	
	P1.2.Z.AN	1.3	C35G	1.1183	060A35	-	1572	1035	XC38TS	C36	-	S35C	
	P1.2.Z.AN	1.3	C45E	1.1191	080M46	-	1672	1045	XC42	C45	C45K	S45C	
	P1.2.Z.AN	1.3	C53G	1.1213	060A52	-	1674	1050	XC48TS	C53	-	S50C	
	P1.2.Z.AN	1.3	C55	1.0535	070M55	-	1655	1055	-	C55	-	-	
	P1.2.Z.AN	1.3	C55E	1.1203	070M55	-	-	1055	XC55	C50	C55K	S55C	
	P1.3.Z.AN	1.3	C60E	1.0601	080A62	43D	-	1060	CC55	C60	-	-	
	P1.3.Z.AN	1.3	C60E	1.1221	080A62	43D	1678	1060	XC60	C60	-	S58C	
	P1.3.Z.AN	1.3	C101E	1.1274	060 A 96		1870	1095	XC 100	-	F-5117	-	
	P1.3.Z.AN	1.3	S340 MGC	1.0961	-	-	-	9262	60SC7	60SiCr8	60SiCr8	-	
	P1.3.Z.AN	1.4	C101u	1.1545	BW 1A		1880	W 1	Y105	C36KU	F-5118	SK 3	
	P1.3.Z.AN	1.4	C105W1	-	BW2	-	2900	W210	Y120	C120KU	F.515	SUP4	
	P1.4.Z.AN	1.2	11SMn30	1.0715	230M07	-	1912	1213	S250	CF9SMn28	11SMn28	SUM22	
	P1.4.Z.AN	1.2	11SMnPb30	1.0718	-	-	1914	12L13	S250Pb	CF9SMnPb28	11SMnPb28	SUM22L	
	P1.4.Z.AN	1.2	10SPb20	1.0722	-	-	-	-	10PbF2	CF10SPb20	10SPb20	-	
	P1.4.Z.AN	1.2	11SMn37	1.0736	240M07	1B	-	1215	S 300	CF9SMn36	12SMn35	-	
	P1.4.Z.AN	1.2	11SMnPb37	1.0737	-	-	1926	12L14	S300Pb	CF9SMnPb36	12SMnP35	-	
	P1.4.Z.AN	1.2	35S20	1.0726	212M36	8M	1957	1140	35MF4	-	F210G	-	
	P1.5.C.UT	1.2	GC16E	1.1142	030A04W	1A	1325	1115	-	-	-	-	
	Acero	Acero de aleación baja											
		P2.1.Z.AN	1.3	16MnCr5	1.7139	-	-	2127	-	-	-	-	-
		P2.1.Z.AN	1.4-1.6	16Mo3	1.5415	1501-240	-	2912	A204Gr.A	15D3	16Mo3KW	16Mo3	-
		P2.1.Z.AN	1.4-1.6	14Ni6	1.5622	-	-	-	A350LF5	16N6	14Ni6	15Ni6	-
		P2.1.Z.AN	1.4-1.6	21NiCrMo2	1.6523	805M20	362	2506	8620	20NCD2	20NiCrMo2	20NiCrMo2	SNCM220(H)
		P2.1.Z.AN	1.4-1.6	17CrNiMo6	1.6587	820A16	-	-	-	18NCD6	-	14NiCrMo13	-
		P2.1.Z.AN	1.4-1.6	15Cr3	1.7015	523M15	-	-	5015	12C3	-	-	SCr415(H)
		P2.1.Z.AN	1.4-1.6	55Cr3	1.7176	527A60	48	-	5155	55C3	-	-	SUP9(A)
		P2.1.Z.AN	1.4-1.6	15CrMo5	1.7262	2127	-	2216	-	12CD4	-	12CrMo4	SCM415(H)
		P2.1.Z.AN	1.4-1.6	13CrMo4-5	1.7335	1501-620Gr.27	-	-	A182 F11;F12	15CD3.5	14CrMo45	14CrMo45	-
		P2.1.Z.AN	1.4-1.6	10CrMo9 10	1.7380	1501-622Gr.31;45	-	2218	A182 F.22	12CD9, 10	12CrMo9, 10	TU.H	-
		P2.1.Z.AN	1.4-1.6	14MoV6 3	1.7715	1503-660-440	-	-	-	-	-	13MoCrV6	-
		P2.1.Z.AN	1.4-1.6	50CoMo4	1.7228	823M30	33	2512	-	-	653M31	-	-
P2.1.Z.AN		1.4-1.6	14NiCrMo134	1.6657	832M13	36C	-	-	-	15NiCrMo13	14NiCrMo131	-	
P2.1.Z.AN		1.4-1.6	16Mo5	1.5423	1503-245-420	-	-	4520	-	16Mo5	16Mo5	-	
P2.1.Z.AN		1.4-1.6	22Mo4	1.5419	605A32	-	2108	8620	25CD4	-	F520.S	-	
P2.1.Z.AN/P2.5.Z.HT		1.4-1.6	25CrMo4	1.7218	1717CDS110	-	2225	4130	16MC5	25CrMo4(KB)	AM26CrMo4	SCM420; SCM430	
P2.1.Z.AN/P2.5.Z.HT		1.4-1.6	16MnCr5	1.7131	(527M20)	-	2511	5115	35CD4	16MnCr5	16MnCr5	-	
P2.1.Z.AN/P2.5.Z.HT		1.4-1.6	34CrMo4	1.7220	708A37	19B	2234	4137;4135	42CD4TS	35CrMo4	34CrMo4	SCM432; SCCRM3	
P2.1.Z.AN/P2.5.Z.HT		1.4-1.6	41CrMo4	1.7223	708M40	19A	2244	4140;4142	42CD4	41CrMo4	42CrMo4	SCM 440	
P2.1.Z.AN/P2.5.Z.HT		1.4-1.6	42CrMo4	1.7225	708M40	19A	2244	4140	30 CD 12	42CrMo4	42CrMo4	SCM440(H)	
P2.2.Z.AN		1.4-1.6	31CrMo12	1.8515	722 M 24		2240	-	-	30CrMo12	F-1712	-	
P2.2.Z.AN		1.4-1.6	39CrMoV13 9	1.8523	897M39	40C	-	-	-	36CrMoV12	-	-	
P2.2.Z.AN		1.4-1.6	41CrS4	1.7039	524A14	-	2092	L1	-	105WCR 5	-	-	
P2.2.Z.AN		1.4-1.6	45WCrV7	1.2542	BS1	-	2710	S1	-	45WCrV8KU	45WCrSi8	-	
P2.2.Z.AN	1.4-1.6	40NiCrMo8-4	1.6562	311-Type 7	-	-	8740	-	40NiCrMo2(KB)	40NiCrMo2	SNCM240		
P2.2.Z.AN	1.4-1.6	42Cr4	1.7045	-	-	2245	5140	-	-	42Cr4	SCr440		
P2.2.Z.AN	1.4-1.6	31NiCrMo14	1.5755	830 M 31		2534	-	55NCV6	-	F-1270	-		
P2.2.Z.AN	1.6	50NiCr13	1.2721	-	-	2550	L6	40NCD3	-	F-528	-		

Estándar y país/región													
ISO	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS	EN	Sweden SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS	
P	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	36CrNiMo4	1.6511	816M40	110	-	9840	35NCD6	38NiCrMo4(KB)	35NiCrMo4	-	
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	34CrNiMo6	1.6582	817M40	24	2541	4340	32C4	35NiCrMo6(KB)	-	-	
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	34Cr4	1.7033	530A32	18B	-	5132	42C4	34Cr4(KB)	35Cr4	SCr430(H)	
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	41Cr4	1.7035	530A40	18	-	5140	30CD12	41Cr4	42Cr4	SCr440(H)	
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	32CrMo12	1.7361	722M24	40B	2240	-	50CV4	32CrMo12	F.124.A	-	
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	51CrV4	1.8159	735A50	47	2230	6150	40CAD6, 12	50CrV4	51CrV4	SUP10	
	P2.2.Z.AN/P2.5.Z.HT	1.4-1.6	41CrAlMo7	1.8509	905M39	41B	2940	-	100C6	41CrAlMo7	41CrAlMo7	-	
	P2.3.Z.AN	1.4-1.6	100Cr6	1.3505	534A99	31	2258	52100	105WC13	100Cr6	F.131	SUJ2	
	P2.3.Z.AN/H1.2.Z.HA	1.4-1.6	105WCr6	1.2419	-	-	2140	-	105WC13	10WCr6	105WCr5	SKS31	
	P2.3.Z.AN/H1.2.Z.HA	1.4-1.6	-	1.2714	-	-	-	L6	55NCDV7	-	F.520.S	SKT4	
	P2.3.Z.AN/H1.3.Z.HA	1.4-1.6	100Cr6	1.2067	BL3	-	-	L3	Y100C6	-	100Cr6	-	
	P2.5.Z.HT	1.4-1.6	36NiCr6	1.5710	640A35	111A	-	3135	35NC6	-	-	SNC236	
	P2.5.Z.HT	1.4-1.6	14NiCr10	1.5732	-	-	-	3415	14NC11	16NiCr11	15NiCr11	SNC415(H)	
	P2.5.Z.HT	1.4-1.6	14NiCr14	1.5752	655M13; A12	36A	-	3415;3310	12NC15	-	-	SNC815(H)	
P2.6.C.UT	1.3	14NiCr14	-	-	-	2223	-	-	-	-	-		
Acero de alta aleación													
	P3.0.Z.AN	1.4-1.6 (1.8)	X210Cr12	1.2080	BD3	-	-	D3	Z200C12	X210Cr13KU	X210Cr12	SKD1	
	P3.0.Z.AN	1.4-1.6 (1.8)	X43Cr13	1.2083	-	-	2314	-	-	-	-	-	
	P3.0.Z.AN	1.4-1.6 (1.8)	X40CrMoV5 1	1.2344	BH13	-	2242	H13	Z40CDV5	X35CrMoV05KU	X40CrMoV5	SKD61	
	P3.0.Z.AN	1.4-1.6 (1.8)	X100CrMoV5 1	1.2363	BA2	-	2260	A2	Z100CDV5	X100CrMoV51KU	X100CrMoV5	SKD12	
	P3.0.Z.AN	1.4-1.6 (1.8)	X210CrW12	1.2436	-	-	2312	-	-	X215CrW12 1KU	X210CrW12	SKD2	
	P3.0.Z.AN	1.4-1.6 (1.8)	X30WCrV9 3	1.2581	BH21	-	-	H21	Z30WCV9	X28W09KU	X30WCrV9	SKD5	
	P3.0.Z.AN	1.4-1.6 (1.8)	X165CrMoV 12	1.2601	-	-	2310	-	-	X165CrMoV12KU	X160CrMoV12	-	
	P3.0.Z.AN	1.4-1.6 (1.8)	X8Ni9	1.5662	1501-509;510	-	-	ASTM A353	-	X10Ni9	XBNI09	-	
	P3.0.Z.AN	1.4-1.6 (1.8)	12Ni19	1.5680	-	-	-	2515	Z18N5	-	-	-	
	P3.0.Z.HT	1.4-1.6 (1.8)	X155CrMoV12-1	1.2379	-	-	2736	HNV3	-	-	-	-	
	P3.1.Z.AN	1.4-1.6 (1.8)	S6-5-2	1.3343	4959BA2	-	2715	D3	Z40CSD10	15NiCrMo13	-	SUH3	
	P3.1.Z.AN	1.4-1.6 (1.8)	-	1.3343	BM 2	-	2722	M 2	Z85WDCV	HS 6-5-2-2	F-5603.	SKH 51	
	P3.1.Z.AN	1.4-1.6 (1.8)	HS 6-5-2-5	1.3243	BM 35	-	2723	M 35	6-5-2-5	HS 6-5-2-5	F-5613	SKH 55	
	P3.1.Z.AN	1.4-1.6 (1.8)	HS 2-9-2	1.3348	-	-	2782	M 7	-	HS 2-9-2	F-5607	-	
	P3.2.C.AQ	1.4-1.6 (1.8)	G-X120Mn12	1.3401	Z120M12	-	2183	L3	Z120M12	XG120Mn12	X120Mn12	SCMnH/1	
Acero inoxidable ferrítico/martensítico													
	P5.0.Z.AN/P5.0.C.UT	2.2	X10CrAl13	1.4724	403S17	-	-	405	Z10C13	X10CrAl12	F.311	SUS405	
	P5.0.Z.AN/P5.0.C.UT	2.2	X10CrAl18	1.4742	430S15	60	-	430	Z10CAS18	X8Cr17	F.3113	SUS430	
	P5.0.Z.AN/P5.0.C.UT	2.2	X10CrAl2-4	1.4762	-	-	2322	446	Z10CAS24	X16Cr26	-	SUH446	
	P5.0.Z.AN/P5.0.C.UT	2.3	X1CrMoTi18-2	1.4521	-	-	2326	S44400	-	-	-	-	
	P5.0.Z.AN/P5.0.C.UT	2.3	X6Cr13	1.4000	403S17	-	2301	403	Z6C13	X6Cr13	F.3110	SUS403	
	P5.0.Z.AN/P5.0.C.UT	2.3	X10Cr13	1.4006	410S21	56A	2302	410	Z10C14	X12Cr13	F.3401	SUS410	
	P5.0.Z.AN/P5.0.C.UT	2.3	X6Cr17	1.4016	430S15	960	2320	430	Z8C17	X8Cr17	F.3113	SUS430	
	P5.0.Z.AN/P5.0.C.UT	2.3	X6CrAl13	1.4002	405S17	-	-	405	Z8CA12	X6CrAl13	-	-	
	P5.0.Z.AN/P5.0.C.UT	2.3	X20Cr13	1.4021	420S37	-	2303	420	Z20C13	X20Cr13	-	-	
	P5.0.Z.AN/P5.0.C.UT	2.3	X6CrMo17-1	1.4113	434S17	-	2325	434	Z8CD17.01	X8CrMo17	-	SUS434	
	P5.0.Z.AN/P5.0.C.UT	2.3	X85CrMoV18-2	1.4748	443S65	59	-	HNV6	Z80CSN20.02	X80CrSiNi20	F.320B	SUH4	
	P5.0.Z.AN/P5.0.C.UT	2.3	X12CrS13	1.4005	416 S 21	-	2380	416	Z11CF13	X12 CrS 13	F-3411	SUS 416	
	P5.0.Z.AN/P5.0.C.UT	2.3	X46Cr13	1.4034	420S45	56D	2304	-	Z40CM	X40Cr14	F.3427	SUS420J2	
	P5.0.Z.AN/P5.0.C.UT	2.3	X19CrNi17-2	1.4057	431S29	57	2321	431	Z15CNI6.02	X16CrNi16	F.3405	SUS431	
	P5.0.Z.AN/P5.0.C.UT	2.4	X20CrMoV12-1	1.4922	-	-	2317	-	-	X20CrMoNi 12 01	-	-	
	P5.0.Z.AN/P5.0.Z.HT	2.3	X7Cr14	1.4001	-	-	-	-	-	-	F.8401	-	
	P5.0.Z.HT	2.2	X45CrS9-3-1	1.4718	401S45	52	-	HW3	Z45CS9	X45GrSi8	F322	SUH1	
	P5.0.Z.PH	2.3	X4 CrNiMo16-5	1.4418	-	-	2387	-	Z6CND16-04-01	-	-	-	
	P5.0.Z.PH/P5.0.C.HT	2.2+2.4	X5CrNiCu-Nb16-4	1.4542 1.4548	-	-	-	630	Z7CNU17-04	-	-	-	
	P5.1.Z.AN/P5.0.Z.HT	2.1	X14CrMoS17	1.4104	-	-	2383	430F	Z10CF17	X10CrS17	F.3117	SUS430F	
					Nombres comerciales								
	P1.2.Z.AN	1.2		1.0045	OVAKO 520M (Ovako Steel)								
	P1.2.Z.AN	1.2			S355J2G3(XM)								
	P1.2.Z.AN	1.3			FORMAX (Uddeholm Tooling)								
	P1.2.Z.AN	1.3			C45(XM)								
	P2.5.Z.HT	1.6			HARDOX 400 (SSAB – Swedish Steel Corp.)								
	P3.0.Z.AN	1.5			Orvar Supreme (Uddeholm Tooling)								

ISO	Estándar y país/región											
	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS	EN	Sweden SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS
M	Aceros inoxidables austeníticos											
	M1.0.Z.AQ	2.2	X5CrNi18-10	1.4301	304S15	58E	2332, 2333	304	Z6CN18.09	X5CrNi18 10	F.3551	SUS304
	M1.0.Z.AQ	2.2	X5CrNiMo17-2-2	1.4401	316S16	58J	2347	316	Z6CND17.11	X5CrNiMo17 12	F.3543	SUS316
	M1.0.Z.AQ	2.2	X6CrNiTi18-10	1.4541	321S12	58B	2337	321	Z6CNT18.10	X6CrNiTi18 11	F.3553 F.3523	SUS321
	M1.0.Z.AQ	2.3	X3CrNiMo13-4	1.4313	425C11	-	2385	CA6-NM	Z4CND13.4MZ38C13M	(G)X6CrNi304	-	SCS5
	M1.0.Z.AQ	2.4	X1CrNiMo-Cu20-18-7	1.4547	-	-	2378	S31254	Z1CNDU20-18-06AZ	-	-	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X53CrMnNiN21-9	1.4871	349S54	-	-	EV8	Z52CMN21.09	X53CrMnNiN21 9	-	SUH35, SUH36
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiN18-10	1.4311	304S62	-	2371	304LN	Z2CN18.10	-	-	SUS304LN
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMoN17-13-3	1.4429	-	-	2375	316LN	Z2CND17.13	-	-	SUS316LN
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMo17-12-2	1.4404	316S13	-	2348	316L	Z2CND17-12	X2CrNiMo1712	-	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMo18-14-3	1.4435	316S13	-	2353	316L	Z2CND17.12	X2CrNiMo17 12	-	SCS16, SUS316L
	M1.0.Z.AQ/M1.0.C.UT	2.2	X3CrNiMo17-3-3	1.4436	316S33	-	2343, 2347	316	Z6CND18-12-03	X8CrNiMo1713	-	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMo18-15-4	1.4438	317S12	-	2367	317L	Z2CND19.15	X2CrNiMo18 16	-	SUS317L
	M1.0.Z.AQ/M1.0.C.UT	2.2	X6CrNiNb18-10	1.4550	347S17	58F	2338	347	Z6CNNb18.10	X6CrNiNb18 11	F.3552 F.3524	SUS347
	M1.0.Z.AQ/M1.0.C.UT	2.2	X6CrNiMoTi17-12-2	1.4571	320S17	58J	2350	316Ti	Z6NDT17.12	X6CrNiMoTi17 12	F.3535	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X10CrNiMoNb 18-12	1.4583	-	-	-	318	Z6CNDNb17 13B	X6CrNiMoNb17 13	-	-
	M1.0.Z.AQ/M1.0.C.UT	2.2	X15CrNiSi20-12	1.4828	309S24	-	-	309	Z15CNS20.12	-	-	SUH309
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNiMoN17-11-2	1.4406	301S21	58C	2370	308	Z1NCDU25.20	-	F.8414	SCS17
	M1.0.Z.AQ/M1.0.C.UT	2.2	X9CrNi18-8	1.4310	-	-	2331	301	Z12CN17.07	X12CrNi17 07	F.3517	SUS301
	M1.0.Z.AQ/M1.0.C.UT	2.2	X2CrNi19-11	1.4306	304S11	-	2352	304L	Z2CN18-10	X2CrNi18 11	-	-
	M1.0.Z.PH	2.4	X7CrNiAl17-7	1.4568 1.4504	316S111	-	-	17-7PH	Z8CNA17-07	X2CrNiMo1712	-	-
	M1.2.Z.AQ	2.1	X8CrNiS18-9	1.4305	303S21	58M	2346	303	Z10CNF 18.09	X10CrNiS 18.09	F.3508	SUS303
	(Ni > 20 %) - Aceros inoxidables austeníticos											
	M2.0.C.AQ	2.2	G-X40NiCrSi36-18	1.4865	330C11	-	-	-	-	XG50NiCr39 19	-	SCH15
	M2.0.Z.AQ	2.2	X8CrNi25-21	1.4845	310S24	-	2361	310S	Z12CN25 20	X6CrNi25 20	F.331	SUH310
	M2.0.Z.AQ	2.2	X12NiCrSi36 16	1.4864	-	-	-	330	Z12NCS35.16	F-3313	-	SUH330
	M2.0.Z.AQ	2.4	X1NiCrMo-Cu31-27-4	1.4563	-	-	2584	NO8028	Z1NCDU31-27-03	-	-	-
	M2.0.Z.AQ	2.4	X1NiCrMo-Cu25-20-5	1.4539	-	-	2562	UNS V 0890A	Z2 NCDU25-20	-	-	-
	Acero inoxidable dúplex											
	M3.1.Z.AQ/M3.1.C.AQ	2.3	X2CrNiN23-4	1.4362	-	-	2376	S31500	-	-	-	-
	M3.1.Z.AQ/M3.1.C.AQ	2.3	X8CrNiMo27-5	-	-	-	2324	S32900	-	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	2.3	X2CrNiMoN22-53	-	-	-	2327	S32304	Z2CN23-04AZ	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	2.3	-	-	-	-	2328	-	-	-	-	-
	M3.2.Z.AQ/M3.2.C.AQ	2.3	X2CrNiMoN22-53	-	-	-	2377	S31803	Z2CND22-05-03	-	-	-
	Nombres comerciales											
	M1.0.Z.AQ	2.4	254 SMO									
	M1.1.Z.AQ	2.2	SANMAC 304 (Sandvik Steel)									
	M1.1.Z.AQ	2.2	SANMAC 304L (Sandvik Steel)									
M1.1.Z.AQ	2.2	SANMAC 316 (Sandvik Steel)										
M1.1.Z.AQ	2.2	SANMAC 316L (Sandvik Steel)										
M3.2.Z.AQ	2.3	SANMAC SAF 2205 (Sandvik Steel)										
M3.2.Z.AQ	2.3	SANMAC SAF 2507 (Sandvik Steel)										
K	Fundición maleable											
	K1.1.C.NS	3.3	EN-GJMB350-10	0.8135	B 340/12	0815	32510	MN 35-10				FCMW330
	K1.1.C.NS	3.3	EN-GJMB450-6	0.8145	P 440/7	0852	40010	Mn 450	GMN 45			FCMW370
	K1.1.C.NS	3.3	EN-GJMB550-4	0.8155	P 510/4	0854	50005	MP 50-5	GMN 55			FCMP490
	K1.1.C.NS	3.3	EN-GJMB650-2	0.8165	P570/3	0856	A220-70003	Mn 650-3	GMN 65			FCMP590
	K1.1.C.NS	3.3	EN-GJMB700-2	0.8170	P690/2	0862	A220-80002	Mn700-2	GMN 70			FCMP690
	Fundición gris											
	K2.1.C.UT	3.1	EN-GJL-100	0.6010			0110	No 20 B	Ft 10 D			FC100
	K2.1.C.UT	3.1	EN-GJL-150	0.6015	Grade 150		0115	No 25 B	Ft 15 D	G 15	FG 15	FC150
	K2.1.C.UT	3.1-3.2	EN-GJL-200	0.6020	Grade 220		0120	No 30 B	Ft 20 D	G 20		FC200
K2.1.C.UT	3.1-3.2	EN-GJL-200	0.6025	Grade 260		0125	No 35 B	Ft 25 D	G 25	FG 25	FC250	
K2.1.C.UT	3.1-3.2	EN-JLZ	0.6040	Grade 400		0140	No 55 B	Ft 40 D				
K2.2.C.UT	3.1-3.2	EN-GJL-300	0.6030	Grade 300		0130	No 45 B	Ft 30 D	G 30	FG 30	FC300	
K2.2.C.UT	3.1-3.2	EN-GJL-350	0.6035	Grade 350		0135	No 50 B	Ft 35 D	G 35	FG 35	FC350	
K2.3.C.UT	3.3	GGL-NiCr20-2	0.6660	L-NiCuCr202		0523	A436 Type 2	L-NC 202				
Fundición	Fundición nodular											
	K3.1.C.UT	3.3	EN-GJS-350-22-LT	0.7033	-		0717-15	-	-			
	K3.1.C.UT	3.3-3.4	EN-GJS-400-15	0.7040	SNG 420/12		0717-02	60-40-18	FCS 400-12	GS 370-17	FGE 38-17	FCD400
	K3.1.C.UT	3.3-3.4	EN-GJS-400-18-LT	0.7043	SNG 370/17		0717-12	-	FGS 370-17			FCD500
	K3.1.C.UT	3.3-3.4	EN-GJS-800-7	0.7050	SNG 500/7		0727	80-55-06	FGS 500-7	GS 500	FGE 50-7	
	K3.2.C.UT	3.3-3.4	EN-GJS-600-3	0.7060	SNG 600/3		0732-03	-	FGS 600-3			FCD600
	K3.3.C.UT	3.3-3.4	EN-GJS-700-2	0.7070	SNG 700/2		0737-01	100-70-03	FGS 700-2	GS 700-2	FGS 70-2	FCD700
	K3.5.C.UT	3.3-3.4	EN-GJSA-XNiCr20-2	0.7660	Grade S6		0776	A43D2	S-NC 202			

Estándar y país/región													
ISO	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS	Sweden EN SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS		
K	Fundición de grafito compactado												
	K4.1.C.UT	-	EN-GJV-300										
	K4.1.C.UT	-	EN-GJV-350										
	K4.2.C.UT	-	EN-GJV-400										
	K4.2.C.UT	-	EN-GJV-450										
	K4.2.C.UT	-	EN-GJV-500										
	Fundición dúctil austemperizada												
	K5.1.C.NS	-	EN-GJS-800-8				ASTM A897 No. 1						
	K5.1.C.NS	-	EN-GJS-1000-5				ASTM A897 No. 2						
	K5.2.C.NS	-	EN-GJS-1200-2				ASTM A897 No. 3						
	K5.2.C.NS	-	EN-GJS-1400-1				ASTM A897 No. 4						
				Nombres comerciales/DIN									
K2.1.C.UT	3.2		GG25										
K3.1.C.UT	3.3		GGG-40										
Z	Aleaciones con base de aluminio												
	N1.1.Z.UT	7.1	AW-1070A	3.0275		4005		A7	4508	L-3071	A1070		
	N1.2.Z.AG	7.2	AW-6082	3.2315	H30	4212	6082	A-SGM0,7	3571				
	N1.3.C.AG	7.3	G-AISI9MGWA	3.2373		4253	SC64D	A-S7G			C4BS		
	N1.3.C.AG	7.3	GD-AISI8Cu3		LM24	4250	A380.1				A7075		
	N1.3.C.AG	7.3	G-AISI10Mg(Cu)		LM9	4253	A360.2						
	N1.3.C.UT	7.3	G-ALMG5		LM5	4252	GD-AISI12	A-SU12			AC4A		
	N1.3.C.UT	7.4	GD-AISI12			4247	A413.0				A6061		
	N1.3.C.UT	7.4	G-AISI12(Cu)		LM20	4260	A413.1				ADC12		
	N1.3.C.UT	7.4	G-AISI12		LM6	4261	A413.2						
	N1.3.C.UT/N1.3.C.AG	7.3			LM25	4244	356.1				A5052		
		Aleaciones con base de cobre											
N3.1.U.UT		6.1	E-Cu57	2.0060	C101	5010		Cu-a1		C11020			
N3.3.U.UT		6.3	CW612N	2.0380	Cz 120			CuZn39Pb2		C37700	C3771		
				Nombres comerciales									
N3.1.U.UT		6.4	Ampco 18										
N3.4.C.UT		6.4	Ampco 25										
S	Aleaciones con base de níquel												
	S2.0.C.UT	5.2-5.3	NiCo15Cr10MoAlTi	LW2 4674	-	-	AMS 5397	-	-	-			
	S2.0.Z.AG	5.2-5.3	NiFe35Cr14MoTi	LW2.4662	-	-	5660	ZSNCDT42	-	-			
	S2.0.Z.AG	5.2-5.3	NiCr20TiAk	2.4631	Hr401.601	-	-	-	NC20TA	-	-		
	S2.0.Z.AG	5.2-5.3	NiCu30AL3Ti	2.4375	3072-76	-	-	4676	-	-	-		
	S2.0.Z.AG	5.2-5.3	S-NiCr13A16MoNb	LW2 4670	3072-76	-	-	5391	NC12AD	-	-		
	S2.0.Z.AG	5.3	NiCr19Fe19NbMo	LW2.4668	HR8	-	-	5383	NC19eNB	-	-		
	S2.0.Z.AN	5.2-5.3	NiCr22Mo9Nb	2.4856	-	-	-	5666	NC22FeDNB	-	-		
	S2.0.Z.AN	5.2-5.3	NiCr20Ti	2.4630	HR5.203-4	-	-	-	NC20T	-	-		
		Aleaciones con base de cobalto											
S3.0.Z.AG		-	CoCr20W15Ni		-	-	5537C, AMS	KC20WN	-	-			
S3.0.Z.AG		-	CoCr22W14Ni	LW2.4964			5772	KC22WN					
I		Aleaciones de titanio											
		S4.2.Z.AN	4.2-4.3	TiAl5Sn2.5	3.7115.1	TA14/17	-	-	UNS R54520	T-A5E	-	-	
		S4.2.Z.AN	4.2-4.3	TiAl6V4	3.7165.1	TA10-13/TA28	-	-	UNS R56401	T-A6V			
				Nombres comerciales									
	S2.0.Z.AG	5.2-5.3	Nimonic PE 13, Inconel 700, Nimonic 901, Waspaloy										
	S2.0.Z.AG	5.3	Rene 95, Inconel 718										
S2.0.Z.AN	5.2-5.3	Hastelloy C, Incoloy 825, Inconel 600, Monel 400											
S2.0.Z.AN	5.3	Haynes 600, Nimocast PD16											
S2.0.Z.UT/S2.0.Z.AN	5.2-5.3	Incoloy 800											
O	Material templados												
	H1.2.Z.HA	1.8	X65CrMo14	-	-	2541-06	0-2	-	-	-	AC4A		
	H1.3.Z.HA	1.8	X110CrMoV15	1.4111	-	-	2534-05	610	-	-	AC4A		
				Nombres comerciales									
H1.2.Z.HA	1.8	Hardox 600											
O	No ISO												
	O1.0.U.NS	8.1	PS		Styrene			Polystyrene					
	O1.0.U.NS	8.1	Polyvinyl chloride		PVC			Chlorure de polyvinyle					
			Nombres comerciales										
O2.0.U.NS	8.2	Bakelite											

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ULDR(xTD)				E053 E054 E059		E416		E446 E447 ES03K ES13K		E462 E463 ES09K			E821 E825 E830 E831 E835 E836 E839		E822 E823 E827 E832 E833 E837 E838		
ULDR(xTD)				1.5	2	1.5	2	1.5	2	2.5	1.5	2	2	1.5	2	2.5	
ISO	Núm. MC	N/mm ²	HB	v _c m/min		v _c m/min		v _c m/min		v _c m/min			v _c m/min		v _c m/min		
K	K1.1.C.NS	674	200	31	25	18	15	31	25	31	25	21	31	25	31	25	21
	K2.1.C.UT	602	180	27	22	18	15	27	22	27	22	19	27	22	27	22	19
	K2.2.C.UT	825	245	22	18	10	8	22	18	22	18	15	22	18	22	18	15
	K2.3.C.UT	591	175	31	25	18	15	31	25	31	25	21	31	25	31	25	21
	K3.1.C.UT	518	155	31	25	18	15	31	25	31	25	21	31	25	31	25	21
	K3.2.C.UT	727	215	31	25	18	15	31	25	31	25	21	31	25	31	25	21
	K3.3.C.UT	885	265	31	25	18	15	31	25	31	25	21	31	25	31	25	21
	K3.5.C.UT	639	190	31	25	18	15	31	25	31	25	21	31	25	31	25	21
	K5.1.C.NS	1013	300	22	18	10	8	22	18	22	18	15	22	18	22	18	15

ULDR(xTD)				T101			T120		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c m/min			v _c m/min		
K	K1.1.C.NS	674	200	46	38	33	46	38	33
	K2.1.C.UT	602	180	73	60	51	73	60	51
	K2.2.C.UT	825	245	31	25	21	31	25	21
	K2.3.C.UT	591	175	46	38	33	46	38	33
	K3.1.C.UT	518	155	46	38	33	46	38	33
	K3.2.C.UT	727	215	46	38	33	46	38	33
	K3.3.C.UT	885	265	46	38	33	46	38	33
	K3.5.C.UT	639	190	46	38	33	46	38	33
K5.1.C.NS	1013	300	40	33	28	40	33	28	

ULDR(xTD)				T100		T110	
ULDR(xTD)				1.5	2	1.5	2
ISO	Núm. MC	N/mm ²	HRC	v _c m/min		v _c m/min	
H	H1.1.Z.HA	-	50	7	6	-	-
	H1.2.Z.HA	-	55	7	6	-	-
	H1.3.Z.HA	-	60	-	-	5	4
	H1.4.Z.HA	-	65	-	-	5	4

ULDR(xTD)				E352			E353		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c m/min			v _c m/min		
N	N1.2.Z.UT	-	60	43	35	30	43	35	30
	N1.2.Z.AG	-	100	43	35	30	43	35	30
	N1.3.C.UT	-	75	43	35	30	43	35	30
	N1.3.C.AG	-	90	24	20	17	24	20	17
	N1.4.C.NS	-	130	18	15	13	18	15	13

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ULDR(xTD)				1.5	2	1.5	2	1.5	2	1.5	2	2.5	1.5	2	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min		v _c p/min		v _c p/min		v _c p/min			v _c p/min		v _c p/min		
K	K1.1.C.NS	674	200	100	82	60	49	100	82	100	82	70	100	82	100	82	70
	K2.1.C.UT	602	180	88	72	60	49	88	72	88	72	62	88	72	88	72	62
	K2.2.C.UT	825	245	72	59	32	26	72	59	72	59	51	72	59	72	59	51
	K2.3.C.UT	591	175	100	82	60	49	100	82	100	82	70	100	82	100	82	70
	K3.1.C.UT	518	155	100	82	60	49	100	82	100	82	70	100	82	100	82	70
	K3.2.C.UT	727	215	100	82	60	49	100	82	100	82	70	100	82	100	82	70
	K3.3.C.UT	885	265	100	82	60	49	100	82	100	82	70	100	82	100	82	70
	K3.5.C.UT	639	190	100	82	60	49	100	82	100	82	70	100	82	100	82	70
	K5.1.C.NS	1013	300	72	59	32	26	72	59	72	59	51	72	59	72	59	51

ULDR(xTD)				T101			T120		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min		
K	K1.1.C.NS	674	200	152	125	107	152	125	107
	K2.1.C.UT	602	180	241	197	168	241	197	168
	K2.2.C.UT	825	245	100	82	70	100	82	70
	K2.3.C.UT	591	175	152	125	107	152	125	107
	K3.1.C.UT	518	155	152	125	107	152	125	107
	K3.2.C.UT	727	215	152	125	107	152	125	107
	K3.3.C.UT	885	265	152	125	107	152	125	107
	K3.5.C.UT	639	190	152	125	107	152	125	107
K5.1.C.NS	1013	300	132	108	93	132	108	93	

ULDR(xTD)				T100		T110	
ULDR(xTD)				1.5	2	1.5	2
ISO	Núm. MC	N/mm ²	HRC	v _c p/min		v _c p/min	
H	H1.1.Z.HA	-	50	24	20	-	-
	H1.2.Z.HA	-	55	24	20	-	-
	H1.3.Z.HA	-	60	-	-	16	13
	H1.4.Z.HA	-	65	-	-	16	13

ULDR(xTD)				E352			E353		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min		
N	N1.2.Z.UT	-	60	140	115	98	140	115	98
	N1.2.Z.AG	-	100	140	115	98	140	115	98
	N1.3.C.UT	-	75	140	115	98	140	115	98
	N1.3.C.AG	-	90	80	66	56	80	66	56
	N1.4.C.NS	-	130	60	49	42	60	49	42

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				E049 E057			E324 E326			E854 E855			E874 E875		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min			vc m/min			vc m/min		
P	P1.1.Z.HT	639	190	49	40	34	-	-	-	-	-	-	-	-	-
	P1.2.Z.AN	639	190	39	32	27	-	-	-	-	-	-	-	-	-
	P1.2.Z.HT	708	210	37	30	26	-	-	-	-	-	-	-	-	-
	P1.3.Z.AN	639	190	39	32	27	-	-	-	-	-	-	-	-	-
	P1.3.Z.HT	1013	300	21	17	15	21	17	15	21	17	15	21	17	15
	P1.5.C.UT	503	150	39	32	27	-	-	-	-	-	-	-	-	-
	P2.1.Z.AN	591	175	39	32	27	-	-	-	-	-	-	-	-	-
	P2.2.Z.AN	811	240	37	30	26	-	-	-	-	-	-	-	-	-
	P2.3.Z.AN	867	260	21	17	15	21	17	15	21	17	15	21	17	15
	P2.5.Z.HT.1	961	285	21	17	15	21	17	15	21	17	15	21	17	15
	P2.6.C.UT	674	200	37	30	26	-	-	-	-	-	-	-	-	-
	P3.0.Z.AN	674	200	37	30	26	-	-	-	-	-	-	-	-	-
	P3.0.Z.HT.1	1282	380	13	11	9	13	11	9	13	11	9	13	11	9
	P3.1.Z.AN	839	250	37	30	26	-	-	-	-	-	-	-	-	-
	P5.0.Z.HT.1	1114	330	37	30	26	-	-	-	-	-	-	-	-	-

				EP03P EP03PA EP13P EP13PA EP23PA EP23PA EP33PA			EP09P EP29PA EP39PA		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min		
P	P1.1.Z.HT	639	190	55	45	38	55	45	38
	P1.2.Z.AN	639	190	55	45	38	55	45	38
	P1.2.Z.HT	708	210	43	35	30	55	45	38
	P1.3.Z.AN	639	190	55	45	38	55	45	38
	P1.3.Z.HT	1013	300	31	25	21	43	35	30
	P1.5.C.UT	503	150	55	45	38	55	45	38
	P2.1.Z.AN	591	175	55	45	38	55	45	38
	P2.2.Z.AN	811	240	43	35	30	55	45	38
	P2.3.Z.AN	867	260	31	25	21	43	35	30
	P2.5.Z.HT.1	961	285	31	25	21	43	35	30
	P2.6.C.UT	674	200	43	35	30	55	45	38
	P3.0.Z.AN	674	200	43	35	30	55	45	38
	P3.1.Z.AN	839	250	43	35	30	55	45	38
	P5.0.Z.HT.1	1114	330	43	35	30	55	45	38

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				E045 E055 E060			E046			E344 E345 E364			E454 E455			E852 E872 E873		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min			vc m/min			vc m/min			vc m/min		
M	M1.0.Z.AQ	674	200	9	7	6	12	10	9	9	7	6	12	10	9	12	10	9
	M1.0.Z.PH	1013	300	6	5	4	7	6	5	-	-	-	7	6	5	7	6	5
	M2.0.Z.AQ	674	200	9	7	6	12	10	9	9	7	6	12	10	9	12	10	9
	M3.1.Z.AQ	778	230	6	5	4	7	6	5	6	5	4	7	6	5	7	6	5
	M3.2.Z.AQ	867	260	6	5	4	7	6	5	6	5	4	7	6	5	7	6	5
	M1.0.C.UT	674	200	9	7	6	12	10	9	9	7	6	12	10	9	12	10	9
	M2.0.C.AQ	674	200	9	7	6	12	10	9	9	7	6	12	10	9	12	10	9
	M3.1.C.AQ	778	230	6	5	4	7	6	5	6	5	4	7	6	5	7	6	5
	M3.2.C.AQ	867	260	6	5	4	7	6	5	6	5	4	7	6	5	7	6	5
	P1.3.Z.HT	1013	300	12	10	9	21	17	15	12	10	9	21	17	15	21	17	15
	P2.3.Z.AN	867	260	12	10	9	21	17	15	12	10	9	21	17	15	21	17	15
	P2.5.Z.HT.1	1114	285	12	10	9	21	17	15	12	10	9	21	17	15	21	17	15
	P3.0.Z.HT.1	1282	380	6	5	4	13	11	9	6	5	4	13	11	9	13	11	9
	P5.0.Z.PH	1112	330	6	5	4	7	6	5	6	5	4	7	6	5	7	6	5

				E358 E359			E448 E449			E856 E876 E877		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min			vc m/min		
N	N1.2.Z.UT	-	60	43	35	30	55	45	38	43	35	30
	N1.2.Z.AG	-	100	43	35	30	55	45	38	43	35	30
	N1.3.C.UT	-	75	43	35	30	55	45	38	43	35	30
	N1.3.C.AG	-	90	24	20	17	37	30	26	24	20	17
	N1.4.C.NS	-	130	18	15	13	24	20	17	18	15	13
	N3.3.U.UT	-	110	37	30	26	55	45	38	37	30	26
	N3.1.U.UT	-	100	15	12	10	22	18	15	15	12	10

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				E049 E057			E324 E326			E854 E855			E874 E875		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min			v _c p/min			v _c p/min		
P	P1.1.Z.HT	639	190	161	131	112	-	-	-	-	-	-	-	-	-
	P1.2.Z.AN	639	190	128	105	90	-	-	-	-	-	-	-	-	-
	P1.2.Z.HT	708	210	120	98	84	-	-	-	-	-	-	-	-	-
	P1.3.Z.AN	639	190	128	105	90	-	-	-	-	-	-	-	-	-
	P1.3.Z.HT	1013	300	68	56	48	68	56	48	68	56	48	68	56	48
	P1.5.C.UT	503	150	128	105	90	-	-	-	-	-	-	-	-	-
	P2.1.Z.AN	591	175	128	105	90	-	-	-	-	-	-	-	-	-
	P2.2.Z.AN	811	240	120	98	84	-	-	-	-	-	-	-	-	-
	P2.3.Z.AN	867	260	68	56	48	68	56	48	68	56	48	68	56	48
	P2.5.Z.HT.1	961	285	68	56	48	68	56	48	68	56	48	68	56	48
	P2.6.C.UT	674	200	120	98	84	-	-	-	-	-	-	-	-	-
	P3.0.Z.AN	674	200	120	98	84	-	-	-	-	-	-	-	-	-
	P3.0.Z.HT.1	1282	380	44	36	31	44	36	31	44	36	31	44	36	31
	P3.1.Z.AN	839	250	120	98	84	-	-	-	-	-	-	-	-	-
	P5.0.Z.HT.1	1114	330	120	98	84	-	-	-	-	-	-	-	-	-

				EP03P EP03PA EP13P EP13PA EP23PA EP23PA EP33PA			EP09P EP29PA EP39PA		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min		
P	P1.1.Z.HT	639	190	181	148	126	181	148	126
	P1.2.Z.AN	639	190	181	148	126	181	148	126
	P1.2.Z.HT	708	210	140	115	98	181	148	126
	P1.3.Z.AN	639	190	181	148	126	181	148	126
	P1.3.Z.HT	1013	300	100	82	70	140	115	98
	P1.5.C.UT	503	150	181	148	126	181	148	126
	P2.1.Z.AN	591	175	181	148	126	181	148	126
	P2.2.Z.AN	811	240	140	115	98	181	148	126
	P2.3.Z.AN	867	260	100	82	70	140	115	98
	P2.5.Z.HT.1	961	285	100	82	70	140	115	98
	P2.6.C.UT	674	200	140	115	98	181	148	126
	P3.0.Z.AN	674	200	140	115	98	181	148	126
	P3.1.Z.AN	839	250	140	115	98	181	148	126
	P5.0.Z.HT.1	1114	330	140	115	98	181	148	126

CoroTap - herramientas optimizadas para materiales específicos

CoroTap™ 200

Valores en pulgadas

				E045 E055 E060			E046			E344 E345 E346			E454 E455			E852 E872 E873		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min			v _c p/min			v _c p/min			v _c p/min		
M	M1.0.Z.AQ	674	200	28	23	20	40	33	28	28	23	20	40	33	28	40	33	28
	M1.0.Z.PH	1013	300	20	16	14	24	20	17	-	-	-	24	20	17	24	20	17
	M1.0.C.UT	674	200	28	23	20	40	33	28	28	23	20	40	33	28	40	33	28
	M2.0.Z.AQ	778	200	28	23	20	40	33	28	28	23	20	40	33	28	40	33	28
	M2.0.C.AQ	867	200	28	23	20	40	33	28	28	23	20	40	33	28	40	33	28
	M3.1.Z.AQ	674	200	20	16	14	24	20	17	20	16	14	24	20	17	24	20	17
	M3.2.Z.AQ	674	200	20	16	14	24	20	17	20	16	14	24	20	17	24	20	17
	M3.1.C.AQ	778	230	20	16	14	24	20	17	20	16	14	24	20	17	24	20	17
	M3.2.C.AQ	867	260	20	16	14	24	20	17	20	16	14	24	20	17	24	20	17
	P1.3.Z.HT	1013	300	40	33	28	68	56	48	40	33	28	68	56	48	68	56	48
	P2.3.Z.AN	867	260	40	33	28	68	56	48	40	33	28	68	56	48	68	56	48
	P2.5.Z.HT.1	1114	285	40	33	28	68	56	48	40	33	28	68	56	48	68	56	48
	P3.0.Z.HT.1	1282	380	20	16	14	44	36	31	20	16	14	44	36	31	44	36	31
	P5.0.Z.PH	1112	330	20	16	14	24	20	17	20	16	14	24	20	17	24	20	17

				E358 E359			E448 E449			E856 E876 E877		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min			v _c p/min		
N	N1.2.Z.UT	-	60	140	115	98	181	148	126	140	115	98
	N1.2.Z.AG	-	100	140	115	98	181	148	126	140	115	98
	N1.3.C.UT	-	75	140	115	98	181	148	126	140	115	98
	N1.3.C.AG	-	90	80	66	56	120	98	84	80	66	56
	N1.4.C.NS	-	130	60	49	42	80	66	56	60	49	42
	N3.3.U.UT	-	110	120	98	84	181	148	126	120	98	84
	N3.1.U.UT	-	100	48	39	34	72	59	51	48	39	34

CoroTap - herramientas optimizadas para materiales específicos

CoroTap™ 300

Valores métricos

				E314 E316			E864 E865 E884 E885		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min		
P	P1.3.Z.HT	1013	300	21	17	15	21	17	15
	P2.3.Z.AN	867	260	21	17	15	21	17	15
	P2.5.Z.HT.1	961	285	21	17	15	21	17	15
	P3.0.Z.HT.1	1282	380	13	11	9	13	11	9

				E050 E051 E058		
ULDR(xTD)				1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min		
P	P1.1.Z.HT	639	190	49	40	34
	P1.2.Z.AN	639	190	39	32	27
	P1.2.Z.HT	708	210	37	30	26
	P1.3.Z.AN	639	190	39	32	27
	P1.3.Z.HT	1013	300	21	17	15
	P1.5.C.UT	503	150	39	32	27
	P2.1.Z.AN	591	175	39	32	27
	P2.2.Z.AN	811	240	37	30	26
	P2.3.Z.AN	867	260	21	17	15
	P2.5.Z.HT.1	961	285	21	17	15
	P2.6.C.UT	674	200	37	30	26
	P3.0.Z.AN	674	200	37	30	26
	P3.0.Z.HT.1	1282	380	13	11	9
	P3.1.Z.AN	839	250	37	30	26
	P5.0.Z.HT.1	1114	330	37	30	26

CoroTap - herramientas optimizadas para materiales específicos

CoroTap™ 300

Valores métricos

				EX03P EX03PA EX13P EX13PA EX23PA EX33PA			EX09P EX29PA EX39PA		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min		
P	P1.1.Z.HT	639	190	49	40	34	55	45	38
	P1.2.Z.AN	639	190	49	40	34	55	45	38
	P1.2.Z.HT	708	210	37	30	26	49	40	34
	P1.3.Z.AN	639	190	49	40	34	55	45	38
	P1.3.Z.HT	1013	300	24	20	17	37	30	26
	P1.5.C.UT	503	150	49	40	34	55	45	38
	P2.1.Z.AN	591	175	49	40	34	55	45	38
	P2.2.Z.AN	811	240	37	30	26	49	40	34
	P2.3.Z.AN	867	260	24	20	17	37	30	26
	P2.5.Z.HT.1	961	285	24	20	17	37	30	26
	P2.6.C.UT	674	200	37	30	26	49	40	34
	P3.0.Z.AN	674	200	37	30	26	49	40	34
	P3.1.Z.AN	839	250	37	30	26	49	40	34
	P5.0.Z.HT.1	1114	330	37	30	26	49	40	34

				E047			E048			E056 E095			E069 E079 E085			E346 E347 E362 E363			E404			E862 E882 E883		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5			
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min			vc m/min			vc m/min			vc m/min			vc m/min					
M	M1.0.Z.AQ	674	200	9	7	6	12	10	9	9	7	7	6	5	9	7	12	10	9	12	10	9		
	M1.0.Z.PH	1013	300	6	5	4	7	6	5	6	5	-	-	-	-	-	7	6	5	7	6	5		
	M2.0.Z.AQ	674	200	9	7	6	12	10	9	9	7	7	6	5	9	7	12	10	9	12	10	9		
	M3.1.Z.AQ	778	230	6	5	4	7	6	5	6	5	5	4	3	6	5	7	6	5	7	6	5		
	M3.2.Z.AQ	867	260	6	5	4	7	6	5	6	5	5	4	3	6	5	7	6	5	7	6	5		
	M1.0.C.UT	674	200	9	7	6	12	10	9	9	7	7	6	5	9	7	12	10	9	12	10	9		
	M2.0.C.AQ	674	200	9	7	6	12	10	9	9	7	7	6	5	9	7	12	10	9	12	10	9		
	M3.1.C.AQ	778	230	6	5	4	7	6	5	6	5	5	4	3	6	5	7	6	5	7	6	5		
	M3.2.C.AQ	867	260	6	5	4	7	6	5	6	5	5	4	3	6	5	7	6	5	7	6	5		
	P1.3.Z.HT	1013	300	12	10	9	16	13	11	12	10	12	10	9	12	10	16	13	11	16	13	11		
	P2.3.Z.AN	867	260	12	10	9	16	13	11	12	10	12	10	9	12	10	16	13	11	16	13	11		
	P2.5.Z.HT.1	1114	285	12	10	9	16	13	11	12	10	12	10	9	12	10	16	13	11	16	13	11		
	P3.0.Z.HT.1	1282	380	6	5	4	13	11	9	6	5	6	5	4	6	5	13	11	9	13	11	9		
	P5.0.Z.PH	1114	330	6	5	4	7	6	5	6	5	5	4	3	6	5	7	6	5	7	6	5		

				E736 E738	
ULDR(xTD)				1.5	
ISO	Núm. MC	N/mm ²	HB	vc m/min	
M	M1.0.Z.AQ	674	200	4	
	M2.0.Z.AQ	674	200	4	
	M3.1.Z.AQ	778	230	4	
	M3.2.Z.AQ	867	260	4	
	M1.0.C.UT	674	200	4	
	M2.0.C.AQ	674	200	4	
	M3.1.C.AQ	778	230	4	
	M3.2.C.AQ	867	260	4	
	P5.0.Z.PH	1114	330	4	

CoroTap - herramientas optimizadas para materiales específicos

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Valores métricos

				E354 E355			E450 E451			E866 E886 E887		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min			vc m/min		
N	N1.2.Z.UT	-	60	43	35	30	55	45	38	43	35	30
	N1.2.Z.AG	-	100	43	35	30	55	45	38	43	35	30
	N1.3.C.UT	-	75	43	35	30	55	45	38	43	35	30
	N1.3.C.AG	-	90	24	20	17	37	30	26	24	20	17
	N1.4.C.NS	-	130	18	15	13	24	20	17	18	15	13
	N3.3.U.UT	-	110	37	30	26	55	45	38	37	30	26
	N3.1.U.UT	-	100	15	12	10	22	18	15	15	12	10

				E360 E361 E367		
ULDR(xTD)				1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min		
N	N1.2.Z.UT	-	60	43	35	30
	N1.2.Z.AG	-	100	43	35	30
	N1.3.C.UT	-	75	43	35	30
	N1.3.C.AG	-	90	24	20	17
	N3.1.U.UT	-	100	15	12	10

				T105		T106			
ULDR(xTD)				1.5	2	1.5	2	2.5	
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min		
K	K1.1.C.NS	674	200	31	25	31	25	21	
	K2.1.C.UT	602	180	49	40	49	40	34	
	K2.2.C.UT	825	245	18	15	18	15	13	
	K2.3.C.UT	591	175	31	25	31	25	21	
	K3.1.C.UT	518	155	31	25	31	25	21	
	K3.2.C.UT	727	215	31	25	31	25	21	
	K3.3.C.UT	885	265	31	25	31	25	21	
	K3.5.C.UT	639	190	31	25	31	25	21	
	K5.1.C.NS	1013	300	18	15	18	15	13	

CoroTap - herramientas optimizadas para materiales específicos

CoroTap™ 300

Valores en pulgadas

				E314 E316			E864 E865 E884 E885		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min		
P	P1.3.Z.HT	1013	300	68	56	48	68	56	48
	P2.3.Z.AN	867	260	68	56	48	68	56	48
	P2.5.Z.HT.1	961	285	68	56	48	68	56	48
	P3.0.Z.HT.1	1282	380	44	36	31	44	36	31

				E050 E051 E058		
ULDR(xTD)				1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min		
P	P1.1.Z.AN	428	125	-	-	-
	P1.1.Z.HT	639	190	161	131	112
	P1.2.Z.AN	639	190	128	105	90
	P1.2.Z.HT	708	210	120	98	84
	P1.3.Z.AN	639	190	128	105	90
	P1.3.Z.HT	1013	300	68	56	48
	P1.5.C.UT	503	150	128	105	90
	P2.1.Z.AN	591	175	128	105	90
	P2.2.Z.AN	811	240	120	98	84
	P2.3.Z.AN	867	260	68	56	48
	P2.5.Z.HT.1	961	285	68	56	48
	P2.6.C.UT	674	200	120	98	84
	P3.0.Z.AN	674	200	120	98	84
	P3.0.Z.HT.1	1282	380	44	36	31
	P3.1.Z.AN	839	250	120	98	84
	P5.0.Z.AN	674	200	-	-	-
	P5.0.Z.PH	1114	330	-	-	-
	P5.0.Z.HT.1	1114	330	120	98	84
	P5.0.C.UT	839	200	-	-	-
	P5.0.C.HT	1114	330	-	-	-

CoroTap - herramientas optimizadas para materiales específicos

CoroTap™ 300

Valores en pulgadas

				EX03P EX03PA EX13P EX13PA EX23PA EX33PA			EX09P EX29PA EX39PA		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min		
P	P1.1.Z.HT	639	190	161	131	112	181	148	126
	P1.2.Z.AN	639	190	161	131	112	181	148	126
	P1.2.Z.HT	708	210	120	98	84	161	131	112
	P1.3.Z.AN	639	190	161	131	112	181	148	126
	P1.3.Z.HT	1013	300	80	66	56	120	98	84
	P1.5.C.UT	503	150	161	131	112	181	148	126
	P2.1.Z.AN	591	175	161	131	112	181	148	126
	P2.2.Z.AN	811	240	120	98	84	161	131	112
	P2.3.Z.AN	867	260	80	66	56	120	98	84
	P2.5.Z.HT.1	961	285	80	66	56	120	98	84
	P2.6.C.UT	674	200	120	98	84	161	131	112
	P3.0.Z.AN	674	200	120	98	84	161	131	112
	P3.1.Z.AN	839	250	120	98	84	161	131	112
	P5.0.Z.HT.1	1114	330	120	98	84	161	131	112

				E047			E048			E056 E095			E069 E079 E085			E346 E347 E362 E363			E404			E862 E882 E883		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	1.5	2	2.5	1.5	2	1.5	2	2.5	1.5	2	2.5		
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min			v _c p/min			v _c p/min			v _c p/min			v _c p/min					
M	M1.0.Z.AQ	674	200	28	23	20	40	33	28	28	23	24	20	17	28	23	40	33	28	40	33	28		
	M1.0.Z.PH	1013	300	20	16	14	24	20	17	20	16	-	-	-	-	-	24	20	17	24	20	17		
	M2.0.Z.AQ	674	200	28	23	20	40	33	28	28	23	24	20	17	28	23	40	33	28	40	33	28		
	M3.1.Z.AQ	778	230	20	16	14	24	20	17	20	16	16	13	11	20	16	24	20	17	24	20	17		
	M3.2.Z.AQ	867	260	20	16	14	24	20	17	20	16	16	13	11	20	16	24	20	17	24	20	17		
	M1.0.C.UT	674	200	28	23	20	40	33	28	28	23	24	20	17	28	23	40	33	28	40	33	28		
	M2.0.C.AQ	674	200	28	23	20	40	33	28	28	23	24	20	17	28	23	40	33	28	40	33	28		
	M3.1.C.AQ	778	230	20	16	14	24	20	17	20	16	16	13	11	20	16	24	20	17	24	20	17		
	M3.2.C.AQ	867	260	20	16	14	24	20	17	20	16	16	13	11	20	16	24	20	17	24	20	17		
	P1.3.Z.HT	1013	300	40	33	28	52	43	36	40	33	40	33	28	40	33	52	43	36	52	43	36		
	P2.3.Z.AN	867	260	40	33	28	52	43	36	40	33	40	33	28	40	33	52	43	36	52	43	36		
	P2.5.Z.HT.1	1114	285	40	33	28	52	43	36	40	33	40	33	28	40	33	52	43	36	52	43	36		
	P3.0.Z.HT.1	1282	380	20	16	14	44	36	31	20	16	20	16	14	20	16	44	36	31	44	36	31		
	P5.0.Z.PH	1114	330	20	16	14	24	20	17	20	16	16	13	11	20	16	24	20	17	24	20	17		

				E736 E738	
ULDR(xTD)				1.5	
ISO	Núm. MC	N/mm ²	HB	v _c p/min	
M	M1.0.Z.AQ	674	200	12	
	M2.0.Z.AQ	674	200	12	
	M3.1.Z.AQ	778	230	12	
	M3.2.Z.AQ	867	260	12	
	M1.0.C.UT	674	200	12	
	M2.0.C.AQ	674	200	12	
	M3.1.C.AQ	778	230	12	
	M3.2.C.AQ	867	260	12	
	P5.0.Z.PH	1114	330	12	

CoroTap - herramientas optimizadas para materiales específicos

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Valores en pulgadas

ULDR(xTD)				E354 E355			E450 E451			E866 E886 E887		
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min			v _c p/min		
N	N1.2.Z.UT	-	60	140	115	98	181	148	126	140	115	98
	N1.2.Z.AG	-	100	140	115	98	181	148	126	140	115	98
	N1.3.C.UT	-	75	140	115	98	181	148	126	140	115	98
	N1.3.C.AG	-	90	80	66	56	120	98	84	80	66	56
	N1.4.C.NS	-	130	60	49	42	80	66	56	60	49	42
	N3.3.U.UT	-	110	120	98	84	181	148	126	120	98	84
	N3.1.U.UT	-	100	48	39	34	72	59	51	48	39	34

ULDR(xTD)				E360 E361 E367		
ISO	Núm. MC	N/mm ²	HB	v _c p/min		
N	N1.2.Z.UT	-	60	140	115	98
	N1.2.Z.AG	-	100	140	115	98
	N1.3.C.UT	-	75	140	115	98
	N1.3.C.AG	-	90	80	66	56
	N3.1.U.UT	-	100	48	39	34

ULDR(xTD)				T105		T106		
ISO	Núm. MC	N/mm ²	HB	v _c p/min		v _c p/min		
K	K1.1.C.NS	674	200	100	82	100	82	70
	K2.1.C.UT	602	180	161	131	161	131	112
	K2.2.C.UT	825	245	60	49	60	49	42
	K2.3.C.UT	591	175	100	82	100	82	70
	K3.1.C.UT	518	155	100	82	100	82	70
	K3.2.C.UT	727	215	100	82	100	82	70
	K3.3.C.UT	885	265	100	82	100	82	70
	K3.5.C.UT	639	190	100	82	100	82	70
	K5.1.C.NS	1013	300	60	49	60	49	42

CoroTap - herramientas optimizadas para materiales específicos

CoroTap™ 400

Valores métricos

ULDR(xTD)				E313			E080		
ISO	Núm. MC	N/mm ²	HB	1.5	2	2.5	1.5	2	2.5
N	N1.2.Z.UT	-	60	67	55	47	67	55	47
	N1.2.Z.AG	-	100	67	55	47	67	55	47
	N1.3.C.UT	-	75	67	55	47	67	55	47
	N1.3.C.AG	-	90	49	40	34	49	40	34
	N3.1.U.UT	-	100	31	25	21	31	25	21

Valores en pulgadas

ULDR(xTD)				E313			E080		
ISO	Núm. MC	N/mm ²	HB	1.5	2	2.5	1.5	2	2.5
N	N1.2.Z.UT	-	60	221	180	154	221	180	154
	N1.2.Z.AG	-	100	221	180	154	221	180	154
	N1.3.C.UT	-	75	221	180	154	221	180	154
	N1.3.C.AG	-	90	161	131	112	161	131	112
	N3.1.U.UT	-	100	100	82	70	100	82	70

CoroTap - herramientas optimizadas para la versatilidad

CoroTap™ 200

Valores métricos

				E000 E005 E010 E015 E020 E025 E030 E035			E001 E006 E011 E016 E021 E026 E031 E036			E616			EP006H EP006G EP10 EP20 EP30 EP40			EP016H EP016G EP11 EP21 EP31 EP41		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min			vc m/min			vc m/min			vc m/min		
P	P1.1.Z.AN	428	125	31	25	21	31	25	21	-	-	-	31	25	21	31	25	21
	P1.1.Z.HT	639	190	27	22	19	27	22	19	46	38	33	27	22	19	27	22	19
	P1.2.Z.AN	639	190	22	18	15	22	18	15	37	30	26	22	18	15	22	18	15
	P1.2.Z.HT	708	210	20	16	14	20	16	14	34	28	24	20	16	14	20	16	14
	P1.3.Z.AN	639	190	22	18	15	22	18	15	37	30	26	22	18	15	22	18	15
	P1.3.Z.HT	1013	300	12	10	9	12	10	9	18	15	13	12	10	9	12	10	9
	P1.5.C.UT	503	150	22	18	15	22	18	15	37	30	26	22	18	15	22	18	15
	P2.1.Z.AN	591	175	22	18	15	22	18	15	37	30	26	22	18	15	22	18	15
	P2.2.Z.AN	811	240	20	16	14	20	16	14	34	28	24	20	16	14	20	16	14
	P2.3.Z.AN	867	260	12	10	9	12	10	9	18	15	13	12	10	9	12	10	9
	P2.5.Z.HT.1	961	285	12	10	9	12	10	9	18	15	13	12	10	9	12	10	9
	P2.6.C.UT	674	200	20	16	14	20	16	14	34	28	24	20	16	14	20	16	14
	P3.0.Z.AN	674	200	20	16	14	20	16	14	34	28	24	20	16	14	20	16	14
	P3.0.Z.HT.1	1282	380	6	5	4	6	5	4	12	10	9	6	5	4	6	5	4
	P3.1.Z.AN	839	250	20	16	14	20	16	14	34	28	24	20	16	14	20	16	14
P5.0.Z.HT.1	1114	330	20	16	14	20	16	14	34	28	24	20	16	14	20	16	14	
P5.0.Z.PH	1114	330	-	-	-	5	4	3	6	5	4	-	-	-	5	4	3	
M	M1.0.Z.AQ	674	200	-	-	-	7	6	5	7	6	5	-	-	-	7	6	5
	M1.0.C.UT	674	200	-	-	-	7	6	5	7	6	5	-	-	-	7	6	5
	M2.0.Z.AQ	674	200	-	-	-	7	6	5	7	6	5	-	-	-	7	6	5
	M2.0.C.AQ	674	200	-	-	-	7	6	5	7	6	5	-	-	-	7	6	5
	M3.1.Z.AQ	778	230	-	-	-	5	4	3	6	5	4	-	-	-	5	4	3
	M3.1.C.AQ	778	230	-	-	-	5	4	3	6	5	4	-	-	-	5	4	3
K	M3.2.Z.AQ	867	260	-	-	-	5	4	3	6	5	4	-	-	-	5	4	3
	K1.1.C.NS	674	200	18	15	13	18	15	13	29	24	21	18	15	13	18	15	13
	K2.1.C.UT	602	180	18	15	13	18	15	13	24	20	17	18	15	13	18	15	13
	K2.2.C.UT	825	245	10	8	7	10	8	7	20	16	14	10	8	7	10	8	7
	K2.3.C.UT	591	175	18	15	13	18	15	13	29	24	21	18	15	13	18	15	13
	K3.1.C.UT	518	155	18	15	13	18	15	13	29	24	21	18	15	13	18	15	13
	K3.2.C.UT	727	215	18	15	13	18	15	13	29	24	21	18	15	13	18	15	13
	K3.3.C.UT	885	265	18	15	13	18	15	13	29	24	21	18	15	13	18	15	13
	K3.5.C.UT	639	190	18	15	13	18	15	13	29	24	21	18	15	13	18	15	13
N	K5.1.C.NS	1013	300	10	8	7	10	8	7	20	16	14	10	8	7	10	8	7
	N1.2.Z.UT	-	60	43	35	30	-	-	-	-	-	-	43	35	30	-	-	-
	N1.2.Z.AG	-	100	43	35	30	-	-	-	-	-	-	43	35	30	-	-	-
	N1.3.C.UT	-	75	43	35	30	-	-	-	-	-	-	43	35	30	-	-	-
	N1.3.C.AG	-	90	24	20	17	-	-	-	-	-	-	24	20	17	-	-	-
	N1.4.C.NS	-	130	18	15	13	-	-	-	-	-	-	18	15	13	-	-	-
	N3.3.U.UT	-	110	37	30	26	-	-	-	55	45	38	37	30	26	-	-	-
N3.1.U.UT	-	100	15	12	10	-	-	-	22	18	15	15	12	10	-	-	-	

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Valores en pulgadas

				E000 E005 E010 E015 E020 E025 E030 E035			E001 E006 E011 E016 E021 E026 E031 E036			E616			EP006H EP006G EP10 EP20 EP30 EP40			EP016H EP016G EP11 EP21 EP31 EP41		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min			v _c p/min			v _c p/min			v _c p/min		
P	P1.1.Z.AN	428	125	100	82	70	100	82	70	-	-	-	100	82	70	100	82	70
	P1.1.Z.HT	639	190	88	72	62	88	72	62	152	125	107	88	72	62	88	72	62
	P1.2.Z.AN	639	190	72	59	51	72	59	51	120	98	84	72	59	51	72	59	51
	P1.2.Z.HT	708	210	64	52	45	64	52	45	112	92	79	64	52	45	64	52	45
	P1.3.Z.AN	639	190	72	59	51	72	59	51	120	98	84	72	59	51	72	59	51
	P1.3.Z.HT	1013	300	40	33	28	40	33	28	60	49	42	40	33	28	40	33	28
	P1.5.C.UT	503	150	72	59	51	72	59	51	120	98	84	72	59	51	72	59	51
	P2.1.Z.AN	591	175	72	59	51	72	59	51	120	98	84	72	59	51	72	59	51
	P2.2.Z.AN	811	240	64	52	45	64	52	45	112	92	79	64	52	45	64	52	45
	P2.3.Z.AN	867	260	40	33	28	40	33	28	60	49	42	40	33	28	40	33	28
	P2.5.Z.HT.1	961	285	40	33	28	40	33	28	60	49	42	40	33	28	40	33	28
	P2.6.C.UT	674	200	64	52	45	64	52	45	112	92	79	64	52	45	64	52	45
	P3.0.Z.AN	674	200	64	52	45	64	52	45	112	92	79	64	52	45	64	52	45
	P3.0.Z.HT.1	1282	380	20	16	14	20	16	14	40	33	28	20	16	14	20	16	14
	P3.1.Z.AN	839	250	64	52	45	64	52	45	112	92	79	64	52	45	64	52	45
P5.0.Z.HT.1	1114	330	64	52	45	64	52	45	112	92	79	64	52	45	64	52	45	
P5.0.Z.PH	1114	330	-	-	-	16	13	11	20	16	14	-	-	-	16	13	11	
M	M1.0.Z.AQ	674	200	-	-	-	24	20	17	24	20	17	-	-	-	24	20	17
	M1.0.C.UT	674	200	-	-	-	24	20	17	24	20	17	-	-	-	24	20	17
	M2.0.Z.AQ	674	200	-	-	-	24	20	17	24	20	17	-	-	-	24	20	17
	M2.0.C.AQ	674	200	-	-	-	24	20	17	24	20	17	-	-	-	24	20	17
	M3.1.Z.AQ	778	230	-	-	-	16	13	11	20	16	14	-	-	-	16	13	11
	M3.1.C.AQ	778	230	-	-	-	16	13	11	20	16	14	-	-	-	16	13	11
M3.2.Z.AQ	867	260	-	-	-	16	13	11	20	16	14	-	-	-	16	13	11	
K	K1.1.C.NS	674	200	60	49	42	60	49	42	96	79	67	60	49	42	60	49	42
	K2.1.C.UT	602	180	60	49	42	60	49	42	80	66	56	60	49	42	60	49	42
	K2.2.C.UT	825	245	32	26	22	32	26	22	64	52	45	32	26	22	32	26	22
	K2.3.C.UT	591	175	60	49	42	60	49	42	96	79	67	60	49	42	60	49	42
	K3.1.C.UT	518	155	60	49	42	60	49	42	96	79	67	60	49	42	60	49	42
	K3.2.C.UT	727	215	60	49	42	60	49	42	96	79	67	60	49	42	60	49	42
	K3.3.C.UT	885	265	60	49	42	60	49	42	96	79	67	60	49	42	60	49	42
	K3.5.C.UT	639	190	60	49	42	60	49	42	96	79	67	60	49	42	60	49	42
	K5.1.C.NS	1013	300	32	26	22	32	26	22	64	52	45	32	26	22	32	26	22
N	N1.2.Z.UT	-	60	140	115	98	-	-	-	-	-	-	140	115	98	-	-	-
	N1.2.Z.AG	-	100	140	115	98	-	-	-	-	-	-	140	115	98	-	-	-
	N1.3.C.UT	-	75	140	115	98	-	-	-	-	-	-	140	115	98	-	-	-
	N1.3.C.AG	-	90	80	66	56	-	-	-	-	-	-	80	66	56	-	-	-
	N1.4.C.NS	-	130	60	49	42	-	-	-	-	-	-	60	49	42	-	-	-
	N3.3.U.UT	-	110	120	98	84	-	-	-	181	148	126	120	98	84	-	-	-
	N3.1.U.UT	-	100	48	39	34	-	-	-	72	59	51	48	39	34	-	-	-

CoroTap - herramientas optimizadas para la versatilidad

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Valores métricos

ULDR(xTD)				E207 E258 1.5	E212 E263 1.5	E735 E737 1.5
ISO	Núm. MC	N/mm ²	HB	v _c m/min	v _c m/min	v _c m/min
P	P1.1.Z.HT	639	190	24	43	5
	P1.2.Z.AN	639	190	20	34	7
	P1.2.Z.HT	708	210	15	29	7
	P1.3.Z.AN	639	190	20	34	7
	P1.3.Z.HT	1013	300	9	12	5
	P1.5.C.UT	503	150	20	34	7
	P2.1.Z.AN	591	175	20	34	7
	P2.2.Z.AN	811	240	15	29	7
	P2.3.Z.AN	867	260	9	12	5
	P2.5.Z.HT.1	961	285	9	12	5
	P2.6.C.UT	674	200	15	29	7
	P3.0.Z.AN	674	200	15	29	7
	P3.0.Z.HT.1	1282	380	-	-	4
P3.1.Z.AN	839	250	15	29	7	
P5.0.Z.HT.1	1114	330	15	29	7	
K	K2.1.C.UT	602	180	-	-	11
	K2.2.C.UT	825	245	-	-	5
N	N1.2.Z.UT	-	60	37	43	-
	N1.2.Z.AG	-	100	37	43	-
	N1.3.C.UT	-	75	37	43	-
	N1.3.C.AG	-	90	18	24	20
	N1.4.C.NS	-	130	-	-	15
	N3.3.U.UT	-	110	-	-	18

Valores en pulgadas

ULDR(xTD)				E207 E258 1.5	E212 E263 1.5	E735 E737 1.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min	v _c p/min	v _c p/min
P	P1.1.Z.HT	639	190	80	140	16
	P1.2.Z.AN	639	190	64	112	24
	P1.2.Z.HT	708	210	48	96	24
	P1.3.Z.AN	639	190	64	112	24
	P1.3.Z.HT	1013	300	28	40	16
	P1.5.C.UT	503	150	64	112	24
	P2.1.Z.AN	591	175	64	112	24
	P2.2.Z.AN	811	240	48	96	24
	P2.3.Z.AN	867	260	28	40	16
	P2.5.Z.HT.1	961	285	28	40	16
	P2.6.C.UT	674	200	48	96	24
	P3.0.Z.AN	674	200	48	96	24
	P3.0.Z.HT.1	1282	380	-	-	12
P3.1.Z.AN	839	250	48	96	24	
P5.0.Z.HT.1	1114	330	48	96	24	
K	K2.1.C.UT	602	180	-	-	36
	K2.2.C.UT	825	245	-	-	16
N	N1.2.Z.UT	-	60	120	140	-
	N1.2.Z.AG	-	100	120	140	-
	N1.3.C.UT	-	75	120	140	-
	N1.3.C.AG	-	90	60	80	64
	N1.4.C.NS	-	130	-	-	48
	N3.3.U.UT	-	110	-	-	60

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Valores métricos

				E002 E007 E012 E017 E022 E027 E032 E037			E003 E008 E013 E018 E023 E028 E033 E038			E195 E245			E615			EX006H EX006G EX10 EX20 EX30 EX40			EX016H EX016G EX11 EX21 EX31 EX41		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c m/min			v _c m/min			v _c m/min			v _c m/min			v _c m/min					
P	P1.1.Z.AN	428	125	31	25	21	31	25	21	27	22	19	-	-	-	31	25	21	31	25	21
	P1.1.Z.HT	639	190	27	22	19	27	22	19	24	20	17	46	38	33	27	22	19	27	22	19
	P1.2.Z.AN	639	190	22	18	15	22	18	15	20	16	14	37	30	26	22	18	15	22	18	15
	P1.2.Z.HT	708	210	20	16	14	20	16	14	15	12	10	34	28	24	20	16	14	20	16	14
	P1.3.Z.AN	639	190	22	18	15	22	18	15	20	16	14	37	30	26	22	18	15	22	18	15
	P1.3.Z.HT	1013	300	12	10	9	12	10	9	9	7	6	18	15	13	12	10	9	12	10	9
	P1.5.C.UT	503	150	22	18	15	22	18	15	20	16	14	37	30	26	22	18	15	22	18	15
	P2.1.Z.AN	591	175	22	18	15	22	18	15	20	16	14	37	30	26	22	18	15	22	18	15
	P2.2.Z.AN	811	240	20	16	14	20	16	14	15	12	10	34	28	24	20	16	14	20	16	14
	P2.3.Z.AN	867	260	12	10	9	12	10	9	9	7	6	18	15	13	12	10	9	12	10	9
	P2.5.Z.HT.1	961	285	12	10	9	12	10	9	9	7	6	18	15	13	12	10	9	12	10	9
	P2.6.C.UT	674	200	20	16	14	20	16	14	15	12	10	34	28	24	20	16	14	20	16	14
	P3.0.Z.AN	674	200	20	16	14	20	16	14	15	12	10	34	28	24	20	16	14	20	16	14
	P3.0.Z.HT.1	1282	380	-	-	-	-	-	-	-	-	-	12	10	9	-	-	-	-	-	-
	P3.1.Z.AN	839	250	20	16	14	20	16	14	15	12	10	34	28	24	20	16	14	20	16	14
P5.0.Z.HT.1	1114	330	20	16	14	20	16	14	15	12	10	34	28	24	20	16	14	20	16	14	
P5.0.Z.PH	1114	330	-	-	-	5	4	3	-	-	-	6	5	4	-	-	-	5	4	3	
M	M1.0.Z.AQ	674	200	-	-	-	7	6	5	-	-	-	7	6	5	-	-	-	7	6	5
	M1.0.C.UT	674	200	-	-	-	7	6	5	-	-	-	7	6	5	-	-	-	7	6	5
	M2.0.Z.AQ	674	200	-	-	-	7	6	5	-	-	-	7	6	5	-	-	-	7	6	5
	M2.0.C.AQ	674	200	-	-	-	7	6	5	-	-	-	7	6	5	-	-	-	7	6	5
	M3.1.Z.AQ	778	230	-	-	-	5	4	3	-	-	-	6	5	4	-	-	-	5	4	3
	M3.1.C.AQ	778	230	-	-	-	5	4	3	-	-	-	6	5	4	-	-	-	5	4	3
K	M3.2.Z.AQ	867	260	-	-	-	5	4	3	-	-	-	6	5	4	-	-	-	5	4	3
	K1.1.C.NS	674	200	-	-	-	-	-	-	-	-	-	29	24	21	-	-	-	-	-	-
	K2.1.C.UT	602	180	-	-	-	-	-	-	-	-	-	24	20	17	-	-	-	-	-	-
	K2.2.C.UT	825	245	-	-	-	-	-	-	-	-	-	20	16	14	-	-	-	-	-	-
	K2.3.C.UT	591	175	-	-	-	-	-	-	-	-	-	29	24	21	-	-	-	-	-	-
	K3.1.C.UT	518	155	-	-	-	-	-	-	-	-	-	29	24	21	-	-	-	-	-	-
	K3.2.C.UT	727	215	-	-	-	-	-	-	-	-	-	29	24	21	-	-	-	-	-	-
	K3.3.C.UT	885	265	-	-	-	-	-	-	-	-	-	29	24	21	-	-	-	-	-	-
	K3.5.C.UT	639	190	-	-	-	-	-	-	-	-	-	29	24	21	-	-	-	-	-	-
N	K5.1.C.NS	1013	300	-	-	-	-	-	-	-	-	-	20	16	14	-	-	-	-	-	-
	N1.2.Z.UT	-	60	43	35	30	-	-	-	43	35	30	-	-	-	43	35	30	-	-	-
	N1.2.Z.AG	-	100	43	35	30	-	-	-	43	35	30	-	-	-	43	35	30	-	-	-
	N1.3.C.UT	-	75	43	35	30	-	-	-	43	35	30	-	-	-	43	35	30	-	-	-
	N1.3.C.AG	-	90	24	20	17	-	-	-	24	20	17	-	-	-	24	20	17	-	-	-
	N1.4.C.NS	-	130	18	15	13	-	-	-	18	15	13	-	-	-	18	15	13	-	-	-
	N3.3.U.UT	-	110	-	-	-	-	-	-	-	-	-	55	45	38	-	-	-	-	-	-
	N3.1.U.UT	-	100	-	-	-	-	-	-	-	-	-	22	18	15	-	-	-	-	-	-

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Valores en pulgadas

				E002 E007 E012 E017 E022 E027 E032 E037			E003 E008 E013 E018 E023 E028 E033 E038			E195 E245			E615			EX006H EX006G EX10 EX20 EX30 EX40			EX016H EX016G EX11 EX21 EX31 EX41		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min			v _c p/min			v _c p/min			v _c p/min			v _c p/min		
P	P1.1.Z.AN	428	125	100	82	70	100	82	70	88	72	62	-	-	-	100	82	70	100	82	70
	P1.1.Z.HT	639	190	88	72	62	88	72	62	80	66	56	152	125	107	88	72	62	88	72	62
	P1.2.Z.AN	639	190	72	59	51	72	59	51	64	52	45	120	98	84	72	59	51	72	59	51
	P1.2.Z.HT	708	210	64	52	45	64	52	45	48	39	34	112	92	79	64	52	45	64	52	45
	P1.3.Z.AN	639	190	72	59	51	72	59	51	64	52	45	120	98	84	72	59	51	72	59	51
	P1.3.Z.HT	1013	300	40	33	28	40	33	28	28	23	20	60	49	42	40	33	28	40	33	28
	P1.5.C.UT	503	150	72	59	51	72	59	51	64	52	45	120	98	84	72	59	51	72	59	51
	P2.1.Z.AN	591	175	72	59	51	72	59	51	64	52	45	120	98	84	72	59	51	72	59	51
	P2.2.Z.AN	811	240	64	52	45	64	52	45	48	39	34	112	92	79	64	52	45	64	52	45
	P2.3.Z.AN	867	260	40	33	28	40	33	28	28	23	20	60	49	42	40	33	28	40	33	28
	P2.5.Z.HT.1	961	285	40	33	28	40	33	28	28	23	20	60	49	42	40	33	28	40	33	28
	P2.6.C.UT	674	200	64	52	45	64	52	45	48	39	34	112	92	79	64	52	45	64	52	45
	P3.0.Z.AN	674	200	64	52	45	64	52	45	48	39	34	112	92	79	64	52	45	64	52	45
	P3.0.Z.HT.1	1282	380	-	-	-	-	-	-	-	-	-	40	33	28	-	-	-	-	-	-
	P3.1.Z.AN	839	250	64	52	45	64	52	45	48	39	34	112	92	79	64	52	45	64	52	45
P5.0.Z.HT.1	1114	330	64	52	45	64	52	45	48	39	34	112	92	79	64	52	45	64	52	45	
P5.0.Z.PH	1114	330	-	-	-	16	13	11	-	-	-	20	16	14	-	-	-	16	13	11	
M	M1.0.Z.AQ	674	200	-	-	-	24	20	17	-	-	-	24	20	17	-	-	-	24	20	17
	M1.0.C.UT	674	200	-	-	-	24	20	17	-	-	-	24	20	17	-	-	-	24	20	17
	M2.0.Z.AQ	674	200	-	-	-	24	20	17	-	-	-	24	20	17	-	-	-	24	20	17
	M2.0.C.AQ	674	200	-	-	-	24	20	17	-	-	-	24	20	17	-	-	-	24	20	17
	M3.1.Z.AQ	778	230	-	-	-	16	13	11	-	-	-	20	16	14	-	-	-	16	13	11
	M3.1.C.AQ	778	230	-	-	-	16	13	11	-	-	-	20	16	14	-	-	-	16	13	11
K	M3.2.Z.AQ	867	260	-	-	-	16	13	11	-	-	-	20	16	14	-	-	-	16	13	11
	K1.1.C.NS	674	200	-	-	-	-	-	-	-	-	-	96	79	67	-	-	-	-	-	-
	K2.1.C.UT	602	180	-	-	-	-	-	-	-	-	-	80	66	56	-	-	-	-	-	-
	K2.2.C.UT	825	245	-	-	-	-	-	-	-	-	-	64	52	45	-	-	-	-	-	-
	K2.3.C.UT	591	175	-	-	-	-	-	-	-	-	-	96	79	67	-	-	-	-	-	-
	K3.1.C.UT	518	155	-	-	-	-	-	-	-	-	-	96	79	67	-	-	-	-	-	-
	K3.2.C.UT	727	215	-	-	-	-	-	-	-	-	-	96	79	67	-	-	-	-	-	-
	K3.3.C.UT	885	265	-	-	-	-	-	-	-	-	-	96	79	67	-	-	-	-	-	-
	K3.5.C.UT	639	190	-	-	-	-	-	-	-	-	-	96	79	67	-	-	-	-	-	-
	K5.1.C.NS	1013	300	-	-	-	-	-	-	-	-	-	64	52	45	-	-	-	-	-	-
N	N1.2.Z.UT	-	60	140	115	98	-	-	-	140	115	98	-	-	-	140	115	98	-	-	-
	N1.2.Z.AG	-	100	140	115	98	-	-	-	140	115	98	-	-	-	140	115	98	-	-	-
	N1.3.C.UT	-	75	140	115	98	-	-	-	140	115	98	-	-	-	140	115	98	-	-	-
	N1.3.C.AG	-	90	80	66	56	-	-	-	80	66	56	-	-	-	80	66	56	-	-	-
	N1.4.C.NS	-	130	60	49	42	-	-	-	60	49	42	-	-	-	60	49	42	-	-	-
	N3.3.U.UT	-	110	-	-	-	-	-	-	-	-	-	181	148	126	-	-	-	-	-	-
	N3.1.U.UT	-	100	-	-	-	-	-	-	-	-	-	72	59	51	-	-	-	-	-	-

CoroTap - herramientas optimizadas para la versatilidad

CoroTap™ 400

Valores métricos

				E064 E074 E090 E094			E091 E096 E097 E099			E301			E302 E305 E306 E308 E309 E310 E315 E317 E323			E523 E530			E596			E890 E891 E892 E893		
ULDR(xTD)				1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5	1.5	2	2.5
ISO	Núm. MC	N/mm ²	HB	vc m/min			vc m/min			vc m/min			vc m/min			vc m/min			vc m/min					
P	P1.1.Z.AN	428	125	37	30	26	67	55	47	37	30	26	67	55	47	37	30	26	67	55	47	67	55	47
	P1.1.Z.HT	639	190	33	27	23	61	50	43	33	27	23	61	50	43	33	27	23	61	50	43	61	50	43
	P1.2.Z.AN	639	190	28	23	20	55	45	38	28	23	20	55	45	38	28	23	20	55	45	38	55	45	38
	P1.2.Z.HT	708	210	24	20	17	49	40	34	24	20	17	49	40	34	24	20	17	49	40	34	49	40	34
	P1.3.Z.AN	639	190	28	23	20	55	45	38	28	23	20	55	45	38	28	23	20	55	45	38	55	45	38
	P1.3.Z.HT	1013	300	-	-	-	24	20	17	-	-	-	24	20	17	-	-	-	-	-	-	24	20	17
	P1.5.C.UT	503	150	28	23	20	55	45	38	28	23	20	55	45	38	28	23	20	55	45	38	55	45	38
	P2.1.Z.AN	591	175	28	23	20	55	45	38	28	23	20	55	45	38	28	23	20	55	45	38	55	45	38
	P2.2.Z.AN	811	240	24	20	17	49	40	34	24	20	17	49	40	34	24	20	17	49	40	34	49	40	34
	P2.3.Z.AN	867	260	-	-	-	24	20	17	-	-	-	24	20	17	-	-	-	-	-	-	24	20	17
	P2.5.Z.HT.1	961	285	-	-	-	24	20	17	-	-	-	24	20	17	-	-	-	-	-	-	24	20	17
	P2.6.C.UT	674	200	24	20	17	49	40	34	24	20	17	49	40	34	24	20	17	49	40	34	49	40	34
	P3.0.Z.AN	674	200	24	20	17	49	40	34	24	20	17	49	40	34	24	20	17	49	40	34	49	40	34
	P3.0.Z.HT.1	1282	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	P3.1.Z.AN	839	250	24	20	17	49	40	34	24	20	17	49	40	34	24	20	17	49	40	34	49	40	34
P5.0.Z.HT.1	1114	330	24	20	17	49	40	34	24	20	17	49	40	34	24	20	17	49	40	34	49	40	34	
P5.0.Z.PH	1114	330	-	-	-	12	10	9	-	-	-	12	10	9	-	-	-	-	-	-	12	10	9	
M	M1.0.Z.AQ	674	200	-	-	-	18	15	13	-	-	-	18	15	13	-	-	-	18	15	13	18	15	13
	M1.0.C.UT	674	200	-	-	-	18	15	13	-	-	-	18	15	13	-	-	-	18	15	13	18	15	13
	M2.0.Z.AQ	961	200	-	-	-	18	15	13	-	-	-	18	15	13	-	-	-	18	15	13	18	15	13
	M2.0.C.AQ	674	200	-	-	-	18	15	13	-	-	-	18	15	13	-	-	-	18	15	13	18	15	13
	M3.1.Z.AQ	674	230	-	-	-	12	10	9	-	-	-	12	10	9	-	-	-	-	-	-	12	10	9
N	M3.1.C.AQ	778	230	-	-	-	12	10	9	-	-	-	12	10	9	-	-	-	-	-	-	12	10	9
	M3.2.Z.AQ	867	260	-	-	-	12	10	9	-	-	-	12	10	9	-	-	-	-	-	-	12	10	9
	N1.2.Z.UT	-	60	46	38	33	67	55	47	46	38	33	67	55	47	46	38	33	67	55	47	67	55	47
	N1.2.Z.AG	-	100	46	38	33	67	55	47	46	38	33	67	55	47	46	38	33	67	55	47	67	55	47
	N1.3.C.UT	-	75	46	38	33	67	55	47	46	38	33	67	55	47	46	38	33	67	55	47	67	55	47
	N1.3.C.AG	-	90	27	22	19	49	40	34	27	22	19	49	40	34	27	22	19	49	40	34	49	40	34
N1.4.C.NS	-	130	-	-	-	31	25	21	-	-	-	31	25	21	-	-	-	-	-	-	31	25	21	
N3.1.U.UT	-	100	-	-	-	31	25	21	-	-	-	31	25	21	-	-	-	31	25	21	31	25	21	

CoroTap - herramientas optimizadas para la versatilidad

CoroTap™ 400

Valores en pulgadas

ULDR(xTD)				E064 E074 E090 E094			E091 E096 E097 E099			E301			E302 E305 E306 E308 E309 E310 E317 E323			E523 E530			E596			E890 E891 E892 E893		
ISO	Núm. MC	N/mm ²	HB	v _c p/min			v _c p/min			v _c p/min			v _c p/min			v _c p/min			v _c p/min					
P	P1.1.Z.AN	428	125	120	98	84	221	180	154	120	98	84	221	180	154	120	98	84	221	180	154	221	180	154
	P1.1.Z.HT	639	190	108	89	76	201	164	140	108	89	76	201	164	140	108	89	76	201	164	140	201	164	140
	P1.2.Z.AN	639	190	92	75	65	181	148	126	92	75	65	181	148	126	92	75	65	181	148	126	181	148	126
	P1.2.Z.HT	708	210	80	66	56	161	131	112	80	66	56	161	131	112	80	66	56	161	131	112	161	131	112
	P1.3.Z.AN	639	190	92	75	65	181	148	126	92	75	65	181	148	126	92	75	65	181	148	126	181	148	126
	P1.3.Z.HT	1013	300	-	-	-	80	66	56	-	-	-	80	66	56	-	-	-	-	-	-	80	66	56
	P1.5.C.UT	503	150	92	75	65	181	148	126	92	75	65	181	148	126	92	75	65	181	148	126	181	148	126
	P2.1.Z.AN	591	175	92	75	65	181	148	126	92	75	65	181	148	126	92	75	65	181	148	126	181	148	126
	P2.2.Z.AN	811	240	80	66	56	161	131	112	80	66	56	161	131	112	80	66	56	161	131	112	161	131	112
	P2.3.Z.AN	867	260	-	-	-	80	66	56	-	-	-	80	66	56	-	-	-	-	-	-	80	66	56
	P2.5.Z.HT.1	961	285	-	-	-	80	66	56	-	-	--	80	66	56	-	-	-	-	-	-	80	66	56
	P2.6.C.UT	674	200	80	66	56	161	131	112	80	66	56	161	131	112	80	66	56	161	131	112	161	131	112
	P3.0.Z.AN	674	200	80	66	56	161	131	112	80	66	56	161	131	112	80	66	56	161	131	112	161	131	112
	P3.0.Z.HT.1	1282	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	P3.1.Z.AN	839	250	80	66	56	161	131	112	80	66	56	161	131	112	80	66	56	161	131	112	161	131	112
P5.0.Z.HT.1	1114	330	80	66	56	161	131	112	80	66	56	161	131	112	80	66	56	161	131	112	161	131	112	
P5.0.Z.PH	1114	330	-	-	-	40	33	28	-	-	-	40	33	28	-	-	-	-	-	-	40	33	28	
M	M1.0.Z.AQ	674	200	-	-	-	60	49	42	-	-	-	60	49	42	-	-	-	60	49	42	60	49	42
	M1.0.C.UT	674	200	-	-	-	60	49	42	-	-	-	60	49	42	-	-	-	60	49	42	60	49	42
	M2.0.Z.AQ	961	200	-	-	-	60	49	42	-	-	-	60	49	42	-	-	-	60	49	42	60	49	42
	M2.0.C.AQ	674	200	-	-	-	60	49	42	-	-	-	60	49	42	-	-	-	60	49	42	60	49	42
	M3.1.Z.AQ	674	230	-	-	-	40	33	28	-	-	-	40	33	28	-	-	-	-	-	-	40	33	28
	M3.1.C.AQ	778	230	-	-	-	40	33	28	-	-	-	40	33	28	-	-	-	-	-	-	40	33	28
N	M3.2.Z.AQ	867	260	-	-	-	40	33	28	-	-	-	40	33	28	-	-	-	-	-	40	33	28	
	N1.2.Z.UT	-	60	152	125	107	221	180	154	152	125	107	221	180	154	152	125	107	221	180	154	221	180	154
	N1.2.Z.AG	-	100	152	125	107	221	180	154	152	125	107	221	180	154	152	125	107	221	180	154	221	180	154
	N1.3.C.UT	-	75	152	125	107	221	180	154	152	125	107	221	180	154	152	125	107	221	180	154	221	180	154
	N1.3.C.AG	-	90	88	72	62	161	131	112	88	72	62	161	131	112	88	72	62	161	131	112	161	131	112
	N1.4.C.NS	-	130	-	-	-	100	82	70	-	-	-	100	82	70	-	-	-	-	-	-	100	82	70
	N3.1.U.UT	-	100	-	-	-	100	82	70	-	-	-	100	82	70	-	-	-	-	-	-	100	82	70

CoroTap - herramientas optimizadas para la versatilidad

CoroTap™ 400

Valores métricos

ISO	Núm. MC	N/mm ²	HB	T115 T116		
				1.5	2	2.5
				ULDR(xTD)		
				vc m/min		
P	P1.1.Z.AN	428	125	73	60	51
	P1.1.Z.HT	639	190	73	60	51
	P1.2.Z.AN	639	190	73	60	51
	P1.2.Z.HT	708	210	49	40	34
	P1.3.Z.AN	639	190	73	60	51
	P1.3.Z.HT	1013	300	37	30	26
	P1.5.C.UT	503	150	73	60	51
	P2.1.Z.AN	591	175	73	60	51
	P2.2.Z.AN	811	240	49	40	34
	P2.3.Z.AN	867	260	37	30	26
	P2.5.Z.HT.1	961	285	37	30	26
	P2.6.C.UT	674	200	49	40	34
	P3.0.Z.AN	674	200	49	40	34
	P3.0.Z.HT.1	1282	380	-	-	-
	P3.1.Z.AN	839	250	49	40	34
P5.0.Z.HT.1	1114	330	49	40	34	
P5.0.Z.PH	1114	330	31	25	21	
M	M1.0.Z.AQ	674	200	31	25	21
	M1.0.C.UT	674	200	31	25	21
	M2.0.C.AQ	674	200	31	25	21
	M2.0.Z.AQ	961	200	31	25	21
	M3.1.C.AQ	778	230	31	25	21
	M3.1.Z.AQ	674	230	31	25	21
N	M3.2.Z.AQ	867	260	31	25	21
	N1.2.Z.AG	-	100	98	80	68
	N1.2.Z.UT	-	60	98	80	68
	N1.3.C.AG	-	90	98	80	68
	N1.3.C.UT	-	75	98	80	68
	N3.1.U.UT	-	100	49	40	34

CoroTap - herramientas optimizadas para la versatilidad

CoroTap™ 400

Valores en pulgadas

ISO	Núm. MC	ULDR(xTD)		T115 T116		
		N/mm ²	HB	1.5	2	2.5
				v _c p/min		
P	P1.1.Z.AN	428	125	241	197	168
	P1.1.Z.HT	639	190	241	197	168
	P1.2.Z.AN	639	190	241	197	168
	P1.2.Z.HT	708	210	161	131	112
	P1.3.Z.AN	639	190	241	197	168
	P1.3.Z.HT	1013	300	120	98	84
	P1.5.C.UT	503	150	241	197	168
	P2.1.Z.AN	591	175	241	197	168
	P2.2.Z.AN	811	240	161	131	112
	P2.3.Z.AN	867	260	120	98	84
	P2.5.Z.HT.1	961	285	120	98	84
	P2.6.C.UT	674	200	161	131	112
	P3.0.Z.AN	674	200	161	131	112
	P3.0.Z.HT.1	1282	380	-	-	-
	P3.1.Z.AN	839	250	161	131	112
	P5.0.Z.HT.1	1114	330	161	131	112
P5.0.Z.PH	1114	330	100	82	70	
M	M1.0.Z.AQ	674	200	100	82	70
	M1.0.C.UT	674	200	100	82	70
	M2.0.C.AQ	674	200	100	82	70
	M2.0.Z.AQ	961	200	100	82	70
	M3.1.C.AQ	778	230	100	82	70
	M3.1.Z.AQ	674	230	100	82	70
	M3.2.Z.AQ	867	260	100	82	70
N	N1.2.Z.AG	-	100	321	262	225
	N1.2.Z.UT	-	60	321	262	225
	N1.3.C.AG	-	90	321	262	225
	N1.3.C.UT	-	75	321	262	225
	N3.1.U.UT	-	100	161	131	112

Símbolos comunes

Material



Metal duro



Acero Rápido



Acero Rápido al Cobalto



Acero Rápido Sinterizado



Acero Rápido al Cobalto Sinterizado

Recubrimiento



Combinación óptima entre gran dureza y resistencia al desgaste



El bajo coeficiente de fricción minimiza la adhesión del material en el filo de corte



Brillante



Templado al vapor



Carbo-nitruro de Titanio



Nitruro de Cromo



Nitruro de Titanio

Forma de rosca



Métrica



Métrica fina



UNC



UNF



NPT



NPTF



G



EGM Insert

Tipo de agujero



Agujero pasante



Agujero ciego



Agujero pasante o ciego

Símbolos comunes

Refrigerante



Refrigerante interno para agujeros ciegos



Refrigerante interno para agujeros pasantes

Biselado



Chafilán N.º B 3.5 - 5



Chafilán N.º C 2 - 3



Chafilán N.º C 2 - 3.5



Chafilán N.º E 1.5 - 2

Profundidad



Geometría de la estría



Estría Recta



Entrada Corregida



Estría Helicoidal 10°



Estría Helicoidal 15°



Estría Helicoidal 27°



Estría Helicoidal 30°



Estría Helicoidal 35°



Estría Helicoidal 40°



Estría Helicoidal 45°



Estría Helicoidal 48°



Machos de laminación

Símbolos comunes

Estándar



Tolerancia



Tabla de conversión

Métrico a imperial

Distancia

1 metro = 39,370 pulgadas
 1 metro = 3,281 pies
 1 milímetro = 0,039 pulgadas

Peso

1 kilogramo = 2,205 libras
 1 kilogramo = 35,274 onzas

Par de apriete

1 newton metro (Nm) = 0.738 libras pie (ft-lbs)
 1 newton metro (Nm) = 8.851 libras pulgada (in-lbs)

Imperial a métrico

Distancia

1 pulgada = 25,4 milímetros
 1 pie = 0,3 metros
 1 pie = 304,8 milímetros

Peso

1 libra = 0,45 kilogramos
 1 onza = 28,35 gramos

Par de apriete

1 libra pie (ft-lbs) = 1.4 newton metro (Nm)
 1 libra pulgada (in-lbs) = 0.1 newton metro (Nm)

Fórmulas y definiciones:

v_c = Velocidad de corte

n = Velocidad del husillo (rpm)

f = avance de mesa

CICT= número total de fillos de corte

ZEFF= número de fillos de corte efectivos

f_z = avance por diente

f_n = Avance por vuelta

h_{ex} = grosor máximo

AP/APMX= profundidad de corte / profundidad de corte máxima

W1= grosor de la plaquita

a_e = anchura de corte

a_e / D_c = Inmersión radial

D= diámetro de la herramienta

T= tiempo de mecanizado

Q = velocidad de arranque de viruta

n_{ap} = número de pasadas

HPP = roscas por pulgada

k_c = fuerza de corte específica

R_a = rugosidad de superficie

Métrica

m/min (metros/minuto)

rpm (revoluciones por minuto)

mm/min

mm/z

mm/rev

mm

mm

mm

mm

%

mm

mín.

cm³/min

N/mm²

µm

Imperial

p/min (pies/minuto)

pulgadas/min

pulg./z

pulg./rev

pulgadas

pulgadas

pulgadas

pulgadas

%

pulgadas

mín.

pulg.³/min

lbs/pulg.²

µin

En beneficio del medio ambiente

Haga suyo el concepto de Coromant Para Reciclado (CRC).

El concepto Coromant para Reciclado (CRC) es un servicio completo ofrecido por Sandvik Coromant a todos sus clientes para las plaquitas de metal duro usadas. A la vista de la creciente tendencia de utilizar materias primas no renovables, es una obligación para todos los fabricantes el utilizar económicamente los recursos cada vez más escasos.

Sandvik Coromant pone su grano de arena al respecto con su oferta de recogida de plaquitas de metal duro usadas y reciclado de las mismas de la manera más respetuosa con el medio ambiente.

Todas las plaquitas de metal duro usadas se recogen en la caja de acopio del taller. Cuando se llena dicha caja, se transfiere su contenido a otra para el transporte, que una vez llena se envía a la oficina de Sandvik Coromant más cerca de usted o se entrega a su contacto Coromant habitual, quien también puede facilitarle más información.

Las ventajas del CRC son evidentes

- Un sistema de reciclado internacional unificado.
- Para clientes directos y comerciales.
- Un procedimiento sencillo con cajas de acopio y transporte.
- Menos residuos, más respetuoso con el medio ambiente.
- Un mejor uso de los recursos.
- Se aceptan también plaquitas de metal duro de otros fabricantes.



Solicite cajas de acopio para cada torno, máquina fresadora, taladradora o centro de mecanizado. Se recomienda que coloque una caja de acopio para plaquitas y otra para las herramientas de metal duro en cada puesto de trabajo.

Caja de acopio (amarilla):	Números de pedido
Caja de transporte para herramientas de metal duro (madera):	91617
Caja de transporte para plaquitas (madera):	92994
	92995

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E		E308	229	E873	89
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