



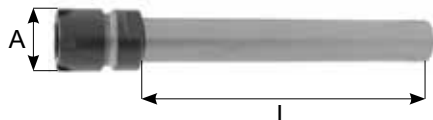
PROGRAMA

						
PAG. 3-6	PAG. 4-8	PAG. 9	PAG. 9	PAG. 9	PAG. 10	PAG. 10
						
PAG. 11	PAG. 11	PAG. 12	PAG. 13	PAG. 14	PAG. 15	PAG. 15
						
PAG. 16	PAG. 16	PAG. 17-18	PAG. 19	PAG. 19	PAG. 20	PAG. 20
						
PAG. 21	PAG. 21	PAG. 22	PAG. 22	PAG. 22	PAG. 23	PAG. 23
						
PAG. 23	PAG. 24	PAG. 24	PAG. 25	PAG. 25	PAG. 26	PAG. 26

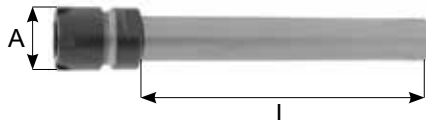
DIN/1835A

Porta Pinzas Cilíndrico
Straight shank collet chuck

ER8M



ER11M



Compatible con tuerca mini hexagonal

CAP 1 ÷ 5mm

REFERENCIA	FAM	CAP	L	A
D5.L45.ERC8M *	1	1 ÷ 5	45	12
D6.L45.ERC8M *			45	
D8.L55.ERC8M *			55	
D8.L80.ERC8M *			80	
D8.L100.ERC8M *			100	
D10.L80.ERC8M *			80	
D10.L100.ERC8M *			100	
D12.L80.ERC8M *			80	
D12.L100.ERC8M *			100	
D12.L130.ERC8M *			130	
D12.L160.ERC8M *			160	
D12.L200.ERC8M *			200	

★ Porta pinzas cilíndrico sin agujero pasante
Without coolant bore

Compatible con tuerca mini hexagonal

CAP 1 ÷ 7mm

REFERENCIA	FAM	CAP	L	A
D6.L45.ERC11M *	1	1 ÷ 7	45	16
D8.L55.ERC11M *			55	
D10.L60.ERC11M *			60	
D10.L100.ERC11M *			100	
D12.L70.ERC11M			70	
D12.L100.ERC11M *			100	
D12.L140.ERC11M *			140	
D16.L40.ERC11M			40	
D16.L60.ERC11M			60	
D16.L100.ERC11M			100	
D16.L130.ERC11M			130	
D16.L160.ERC11M			160	
D16.L200.ERC11M			200	
D16.L250.ERC11M			250	
D16.L300.ERC11M *			300	
D20.L100.ERC11M			100	
D20.L130.ERC11M			130	

★ Porta pinzas cilíndrico sin agujero pasante
Without coolant bore

Estuche Portapinzas
Straight shank collet chuck kit



REFERENCIA	FAM	CAP
BXD.D12L100.8M	1	1 ÷ 5
BXD.D12L130.8M		
BXD.D12L160.8M		
BXD.D12L200.8M		

COMPOSICION

Llave - CH8M
Pinzas - Ø 1 a Ø 5 x 0.5mm (9 Unidades)
Portapinzas

Estuche Portapinzas
Straight shank collet chuck kit



REFERENCIA	FAM	CAP
BXD.D12L100.11M	1	1 ÷ 7 mm
BXD.D16L100.11M		
BXD.D16L130.11M		
BXD.D16L160.11M		

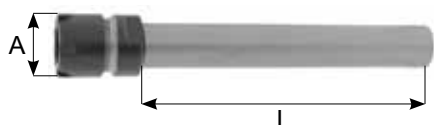
COMPOSICION

Llave - CH11M
Pinzas - Ø 1 a Ø 7 x 0.5mm (13 Unidades)
Portapinzas

DIN/1835A

Porta Pinzas Cilíndrico
Straight shank collet chuck

ER16M



ER16



Compatible con tuerca mini hexagonal

CAP 1 ÷ 10mm

REFERENCIA	FAM	CAP	L	A
D10.L80.ERC16M			80	
D12.L80.ERC16M			80	
D16.L60.ERC16M			60	
D16.L80.ERC16M			80	
D16.L100.ERC16M			100	
D16.L130.ERC16M			130	
D16.L160.ERC16M			160	
D16.L200.ERC16M *			200	
D20.L60.ERC16M			60	
D20.L100.ERC16M			100	
D20.L130.ERC16M	1	1 ÷ 10	130	22
D20.L160.ERC16M			160	
D20.L200.ERC16M			200	
D20.L270.ERC16M			270	
D20.L300.ERC16M *			300	
D22.L80.ERC16M			80	
D25.L60.ERC16M			60	
D25.L100.ERC16M			100	
D25.L130.ERC16M			130	
D25.L160.ERC16M			160	
D32.L90.ERC16M			90	

Compatible con tuerca hexagonal

CAP 1 ÷ 10mm

REFERENCIA	FAM	CAP	L	A
D16.L35.ERC16			35	
D16.L60.ERC16			60	
D16.L160.ERC16			160	
D20.L50.ERC16	1	1 ÷ 10	50	28
D20.L60.ERC16			60	
D20.L100.ERC16			100	
D20.L160.ERC16			160	

* Porta pinzas cilíndrico sin agujero pasante
Without coolant bore

Estuche Portapinzas
Straight shank collet chuck kit



REFERENCIA	FAM	CAP
BXD20.L100.16M		
BXD20.L130.16M	1	1 ÷ 10
BXD20.L160.16M		
BXD20.L200.16M		

COMPOSICION

Llave - CH16M
Pinzas - Ø 1 a Ø 10 x 1.0 mm (10 Unidades)
Portapinzas

REFERENCIA	FAM	€
BXD20.L100.16		
BXD20.L160.16	1	1 ÷ 10
BXD20.L200.16		

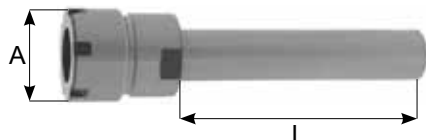
COMPOSICION

Llave - CH16S ó CH16SE
Pinzas - Ø 1 a Ø 10 x 1.0 mm (10 Unidades)
Portapinzas

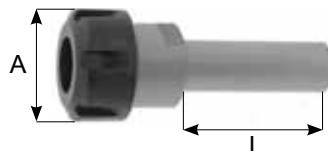
DIN/1835A

Porta Pinzas Cilíndrico
Straight shank collet chuck

ER20M



ER20



Compatible con tuerca mini hexagonal

CAP 1 ÷ 13mm

REFERENCIA	FAM	CAP	L	A
D16.L100.ERC20M	1	1 ÷ 14	100	28
D16.L130.ERC20M			130	
D16.L160.ERC20M			160	
D20.L46.ERC20M			46	
D20.L60.ERC20M			60	
D20.L100.ERC20M			100	
D20.L130.ERC20M			130	
D20.L160.ERC20M			160	
D20.L200.ERC20M			200	
D25.L60.ERC20M			60	
D25.L130.ERC20M			130	
D25.L160.ERC20M			160	
D25.L200.ERC20M			200	
D25.L240.ERC20M			240	
D25.L300.ERC20M			300	
D32.L95.ERC20M			95	

Compatible con tuerca hexagonal

CAP 1 ÷ 13mm

REFERENCIA	FAM	CAP	L	A
D20.L50.ERC20	1	1 ÷ 14	50	34
D20.L60.ERC20			60	
D20.L100.ERC20			100	
D20.L130.ERC20			130	
D20.L160.ERC20			160	
D20.L200.ERC20			200	
D25.L100.ERC20			100	

Estuche Portapinzas
Straight shank collet chuck kit



Estuche Portapinzas
Straight shank collet chuck kit



REFERENCIA	FAM	CAP
BXD20.L100.20M	1	2 ÷ 13
BXD20.L130.20M		
BXD20.L160.20M		
BXD20.L200.20M		

COMPOSICION

Llave - CH20M
Pinzas - Ø 2 a Ø 13 x 1.0 mm (12 Unidades)
Portapinzas

REFERENCIA	FAM	CAP
BXD20.L100.20	1	2 ÷ 13
BXD20.L200.20		
BXD25.L100.20		
BXD25.L130.20		

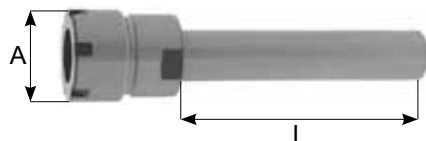
COMPOSICION

Llave - CH20S ó CH20SE
Pinzas - Ø 2 a Ø 13 x 1.0 mm (12 Unidades)
Portapinzas

DIN/1835A

Porta Pinzas Cilíndrico
Straight shank collet chuck

ER25M



ER25



Compatible con tuerca mini hexagonal

CAP 1 ÷ 20mm

REFERENCIA	FAM	CAP	L	A
D20.L60.ERC25M	1	1 ÷ 20	60	35
D20.L100.ERC25M			100	
D20.L130.ERC25M			130	
D20.L160.ERC25M			160	
D20.L200.ERC25M			200	
D25.L70.ERC25M			70	
D25.L100.ERC25M			100	
D25.L130.ERC25M			130	
D25.L160.ERC25M			160	
D25.L260.ERC25M			260	

Compatible con tuerca hexagonal

CAP 1 ÷ 20mm

REFERENCIA	FAM	CAP	L	A
D20.L50.ERC25	1	1 ÷ 20	50	42
D20.L60.ERC25			60	
D20.L100.ERC25			100	
D20.L130.ERC25			130	
D20.L160.ERC25			160	
D25.L50.ERC25			50	
D25.L70.ERC25			70	
D25.L100.ERC25			100	
D25.L130.ERC25			130	
D25.L160.ERC25			160	
D32.L80.ERC25			80	
D32.L100.ERC25			100	
D40.L80.ERC25			80	

Estuche Portapinzas
Straight shank collet chuck kit



Estuche Portapinzas
Straight shank collet chuck kit



REFERENCIA	FAM	CAP
BXD20.L100.25M	1	2 ÷ 16
BXD20.L130.25M		
BXD20.L160.25M		
BXD20.L200.25M		
BXD25.L100.25M		
BXD25.L160.25M		

COMPOSICION

Llave - CH25M
Pinzas - Ø 2 a Ø 16 x 1.0 mm (15 Unidades)
Portapinzas

REFERENCIA	FAM	CAP
BXD20.L50.25	1	2 ÷ 16
BXD25.L100.25		
BXD32.L80.25		

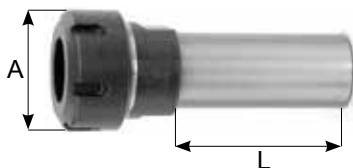
COMPOSICION

Llave - CH25S ó CH25SE
Pinzas - Ø 2 a Ø 16 x 1.0 mm (15 Unidades)
Portapinzas

DIN/1835A

Porta Pinzas Cilíndrico
Straight shank collet chuck

ER32



Compatible con tuerca hexagonal

CAP 2 ÷ 22mm

Compatible con tuerca hexagonal

CAP 2 ÷ 22mm

REFERENCIA	FAM	CAP	L	A
D20.L50.ERC32	1	2 ÷ 22	50	50
D20.L100.ERC32			100	
D20.L130.ERC32			130	
D20.L160.ERC32			160	
D25.L50.ERC32			50	
D25.L70.ERC32			70	
D25.L100.ERC32			100	
D25.L130.ERC32			130	
D25.L160.ERC32			160	

REFERENCIA	FAM	CAP	L	A
D32.L50.ERC32	1	2 ÷ 22	50	50
D32.L70.ERC32			70	
D32.L100.ERC32			100	
D32.L130.ERC32			130	
D32.L160.ERC32			160	
D40.L80.ERC32			80	
D40.L130.ERC32			130	
D40.L160.ERC32			160	
D50.L160.ERC32			160	

Estuche Portapinzas
Straight shank collet chuck kit



REFERENCIA	FAM	CAP
BXD25.L60.32-6	1	6 ÷ 25 mm
BXD25.L70.32-6		
BXD32.L80.32-6		

COMPOSICION

Llave - CH32S
Pinzas - Ø6 - Ø8 - Ø10 - Ø12 - 16 - Ø20 - Ø25
(6 Unidades) + Portapinzas

REFERENCIA	FAM	CAP
BXD25.L60.32-9	1	3 ÷ 20 mm
BXD25.L70.32-9		
BXD32.L80.32-9		

COMPOSICION

Llave - CH32S
Pinzas - Ø3 - Ø4 - Ø5 - Ø6 - Ø8 - Ø10 - Ø12
Ø16 - Ø20 (9 Unidades) + Portapinzas

REFERENCIA	FAM	CAP
BXD25.L60.32-18	1	3 ÷ 20 mm
BXD25.L70.32-18		
BXD32.L80.32-18		

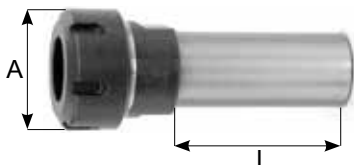
COMPOSICION

Llave - CH32S
Pinzas - Ø3 a Ø20 x 1.0 mm (18 Unidades)
Portapinzas

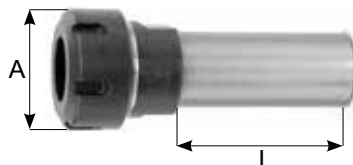
DIN/1835A

Porta Pinzas Cilíndrico
Straight shank collet chuck

ER40



ER50



Compatible con tuerca hexagonal

CAP 3 ÷ 30mm

REFERENCIA	FAM	CAP	L	A
D25.L60.ERC40	1	3 ÷ 30	60	63
D25.L100.ERC40			100	
D32.L70.ERC40			70	
D32.L100.ERC40			100	
D32.L130.ERC40			130	
D40.L80.ERC40			80	
D40.L130.ERC40			130	
D40.L160.ERC40			160	
D50.L120.ERC40			120	
D50.L160.ERC40			160	
D60.L160.ERC40			160	

Compatible con tuerca hexagonal

CAP 6 ÷ 34mm

REFERENCIA	FAM	CAP	L	A
D40.L160.ERC50	1	6 ÷ 34	160	78
D50.L170.ERC50			170	
D60.L170.ERC50			170	

Estuche Portapinzas
Straight shank collet chuck kit



REFERENCIA	FAM	CAP
BXD25.L60.40-18	1	4 ÷ 26 mm
BXD25.L70.40-18		
BXD32.L80.40-18		

COMPOSICION

Llave - CH40S + Portapinzas
Pinzas - Ø 4 a Ø 26 x 1.0 mm (18 Unidades)

Estuche pinzas
Kit in box



REFERENCIA

BX.ERC50-12
D. 12 . 14 . 16 . 18 . 20 . 22 . 24 . 26 . 28 . 30 .
D. 32 . 34



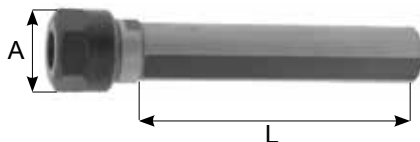
DIN/1835A

Porta Pinzas Cilíndrico con Plano de Blocaje
Collet chuck with flat

MINI



STANDARD



Compatible con tuerca mini hexagonal

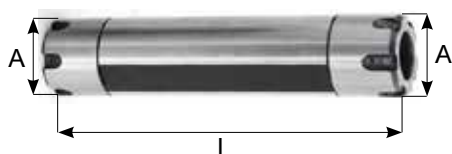
REFERENCIA	FAM	CAP	L	A
D32P.L90.ERC16M	1	1 ÷ 10	90	22
D32P.L95.ERC20M	1	1 ÷ 14	95	28
D25P.L70.ERC25M	1	1 ÷ 20	70	35
D25P.L100.ERC25M			100	35

Compatible con tuerca standard

REFERENCIA	FAM	CAP	L	A
D20P.L100.ERC16	1	1 ÷ 10	100	28
D20P.L50.ERC25	1	1 ÷ 20	50	42
D25P.L50.ERC25			50	42
D25P.L70.ERC25			70	42
D32P.L80.ERC25			80	42
D25P.L50.ERC32	1	2 ÷ 22	50	50
D32P.L70.ERC32			70	50
D40P.L80.ERC32			80	50
D25P.L60.ERC40	1	3 ÷ 30	60	63
D32P.L70.ERC40			70	63
D40P.L80.ERC40			80	63

Porta Pinzas Doble
Double ended collet chucks

MINI DOBLE



Porta Pinzas con Lubricación
Collet chucks with coolant holes

STANDARD



REFERENCIA	FAM	CAP	L	A
D20.L37.ERC16MP	1	1 ÷ 10	37	22
D20.L57.ERC16MP			57	
D20.L67.ERC16MP			67	
D22.L47.ERC16MP			47	
D22.L67.ERC16MP			67	
D25.L47.ERC16MP			47	
D25.L67.ERC16MP			67	
D32.L57.ERC20MP	1	1 ÷ 14	57	28

REFERENCIA	FAM	CAP	L	A
NCD32.L70.ERC25	2	1 ÷ 20	70	42
NCD32.L70.ERC32	2	2 ÷ 22	70	50
NCD40.L75.ERC32	2	2 ÷ 22	75	50
NCD40.L75.ERC40	2	3 ÷ 30	75	63

DIN/1835B

Porta Pinzas Mango Weldon
Weldon shank collet chucks

WELDON



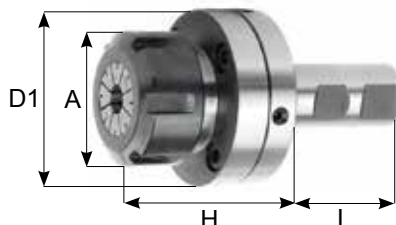
Compatible con tuerca hexagonal

REFERENCIA	FAM	CAP	L	A	H
WE20.L50.ERC16	1	1 ÷ 10	50	28	33
WE20.L130.ERC16			130		33
WE20.L50.ERC25	1	1 ÷ 20	50	42	40
WE25.L56.ERC25			56		37
WE25.L56.ERC32	1	2 ÷ 22	56	50	52
WE32.L60.ERC32			60		38
WE40.L74.ERC32			74		31
WE32.L60.ERC40	1	3 ÷ 30	60	63	61

DIN/1835B

Porta Pinzas Radial Regulable
Adjustable collet chucks

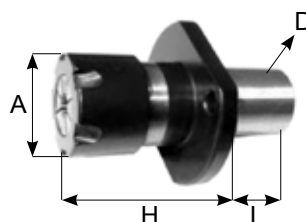
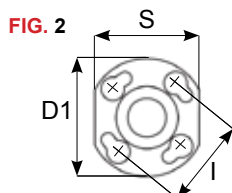
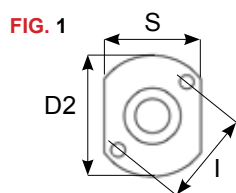
WELDON



REFERENCIA	CAP	CAP	FLOT	L	A	D1	H
D16R.L70.ERC16	1	1 ÷ 10	± 1 mm	70	28	50	56
D20R.L70.ERC16				70			
D20R.L70.ERC20	1	1 ÷ 14	± 1 mm	70	34	50	56
D25R.L56.ERC25	1	1 ÷ 20	± 1 mm	56	42	66	61
D25R.L70.ERC25				70			
D25R.L56.ERC32	1	2 ÷ 22	± 1 mm	56	50	66	62
D25R.L70.ERC32				70			
D32R.L70.ERC32				70			
D32R.L70.ERC40	1	3 ÷ 30	± 1 mm	70	63	76	66
D40R.L70.ERC40				70			

DIN/1835A

Porta Pinzas Tuerca Mini
Collet spindle with Mini clamping nut



REFERENCIA	CNC	FAM	D	L	H	A	CAP	D2	S	I	Pinza	FIG
E-165.016021		6	16	21	28	22	0.5 ÷ 10	40	24	31	ER16	1
E-165.022025	STAR SR 20		22	25	39	22	0.5 ÷ 10	49	28	40	ER16	1
E-165.122025	STAR SR 32		22	25	40	28	0.5 ÷ 13	49	28	40	ER20	1
E-165.122030	STAR SR 20		22	30	35	28	0.5 ÷ 13	48	38	38	ER20	1
E-165.122030B	STAR SR 32		22	30	35	28	0.5 ÷ 13	60	38	50	ER20	1
E-166.332022	GILDEM. GM32-35-42		32	22	36	50	1.0 ÷ 20	61	54	46	ER32	2

DIN/1835A

Porta Pinzas Cilíndrico EDA
Double angle collet chuck extensions



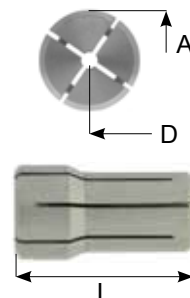
REFERENCIA	FAM	CAP	L	A	D
D12.5.L173.EDA300	1	1.5 ÷ 6	173	9.52	12.5
D12.5.L208.EDA300		1.5 ÷ 6	208	9.52	12.5
D20.L183.EDA200	1	1.5 ÷ 10	183	13.69	20
D20.L218.EDA200		1.5 ÷ 10	218	13.69	20
D25.L190.EDA100	1	2 ÷ 14.5	190	19.53	25

Pinza Cilíndrica EDA
Double angle collet EDA

CODIGO	D mm	Cierre	A	L
EDA300 - 416E	1.5 ÷ 6	0.8 mm	9.52	25.40

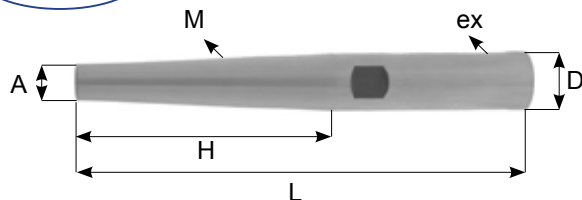
CODIGO	D mm	Cierre	A	L
EDA200 - 417E	1.5 ÷ 10	0.8 mm	13.69	30

CODIGO	D mm	Cierre	A	L
EDA100 - 418E	2 ÷ 14.5	0.8 mm	19.53	36.3



DIN/1835A

Porta Pinzas Cilíndrico Mini
Collet chuck extensions mini



Se entrega con llave de bloqueo hexagonal 5mm / Are supplied with T-handle key hexagonal 5 mm

REFERENCIA	FAM	D	L	H	A	M	ex
D16.L150.P8	1	16	150	48	9.93	M6 x 1	5
D16.L200.P8		16	200	48	9.93	M6 x 1	5
D20.L150.P8	1	20	150	96	9.93	M6 x 1	5
D20.L200.P8		20	200	96	9.93	M6 x 1	5

Pinza P8
Collet P8



REFERENCIA	FAM	C	A	B
P8 - d3	1	36	8	10
P8 - d4				
P8 - d5				
P8 - d6				

Estuche de Pinza P8
Kit in box collet P8



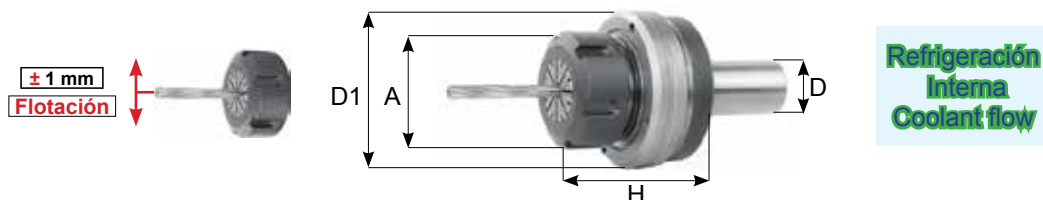
REFERENCIA	FAM	CAP
BXD.D16150.P8	1	3 ÷ 6
BXD.D16200.P8		

COMPOSICION

Llave Hexagonal (5mm)
Pinzas - Ø 3 a Ø 6 x 1mm (4 Unidades)
Portapinzas

DIN/1835A

Porta Escariador Flotante con Paso Refrigerante
Floating reamer holder with coolant flow



REFERENCIA	FAM	D	PINZA	CAP	FLOT	A	H	D1
D16.L46.RM11	1	16	ER11	$D1 \div 7$	$\pm 1 \text{ mm}$	22	40	42
D20.L46.RM11		20	ER11	$D1 \div 7$	$\pm 1 \text{ mm}$	22	40	42
D16.L46.RM16	1	16	ER16	$D1 \div 10$	$\pm 1 \text{ mm}$	28	44	42
D20.L46.RM16		20	ER16	$D1 \div 10$	$\pm 1 \text{ mm}$	28	44	42
D25.L46.RM16		25	ER16	$D1 \div 10$	$\pm 1 \text{ mm}$	28	44	42
D16.L46.RM20	1	16	ER20	$D1 \div 13$	$\pm 1 \text{ mm}$	34	50	50
D20.L46.RM20		20	ER20	$D1 \div 13$	$\pm 1 \text{ mm}$	34	50	50
D25.L46.RM20		25	ER20	$D1 \div 13$	$\pm 1 \text{ mm}$	34	50	50
D20.L46.RM25	1	20	ER25	$D1 \div 16$	$\pm 1 \text{ mm}$	42	53	57
D25.L46.RM25		25	ER25	$D1 \div 16$	$\pm 1 \text{ mm}$	42	53	57
D25.L50.RM32	1	25	ER32	$D1 \div 20$	$\pm 1.5 \text{ mm}$	50	58	69
D32.L50.RM32		32	ER32	$D1 \div 20$	$\pm 1.5 \text{ mm}$	50	58	69
D25.L50.RM40	1	25	ER40	$D3 \div 30$	$\pm 1.5 \text{ mm}$	42	64	57
D32.L50.RM40		32	ER40	$D3 \div 30$	$\pm 1.5 \text{ mm}$	50	64	69

El escariador oscila radialmente con un sistema flotante y autocentrante regulable.

Se garantiza un perfecto alineamiento entre la herramienta y la pieza a mecanizar.

Esta taladrado para permitir el paso de la refrigeración a través de la pinza o escariador

The holder is designed with full floating and selfcentering movement.

The alignment of the reamer with a previously drilled hole is granted also to the high speeds.

The floating of the reamer is easy adjustable.

The holder is full drilled for coolant or air supply y through the collet slots or the reamer holes.



Pag. 120



Pag. 52



Pag. 40

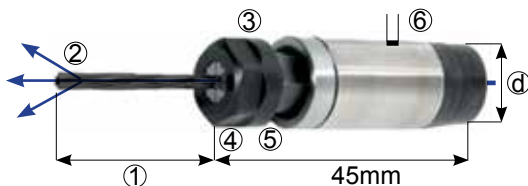


Pag. 7

Porta Escariador Flotante Super Precisión con Paso Refrigerante
Floating reamer holder with coolant flow - super precision

Para torno automático CNC
For tool holders on CNC automatic lathes

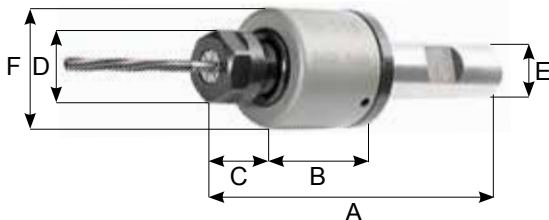
d=
 Ø3/4"
 Ø1
 Ø20 mm
 Ø22 mm



REFERENCIA	FAM	d	PINZA	CAP	L	FLOT	A
E1812S190	16	19.05 (3/4)	ER11 HP	1 ÷ 7	45	± 0.2 mm	19
E1812S200		20	ER11 HP	1 ÷ 7	45	± 0.2 mm	19
E1812S220		22	ER11 HP	1 ÷ 7	45	± 0.2 mm	19
E1812S254		25.4 (1")	ER11 HP	1 ÷ 7	45	± 0.2 mm	19

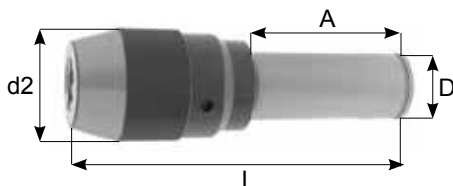
- 1- Longitud de herramienta de 30-65 mm (según Ø)
- 2- Refrigeración Interior
- 3- Plano de apriete - tuerca
- 4- Tuerca y pinza oscilación 0,1-0,2 mm capacidad de 1-7 ER11 HP
- 5- Tornillo de reglaje del escariador
- 6- Tornillo de fijación máquina

1. Length of tool outside the tool holder 30 - 65 mm (depending Ø)
2. With through coolant, for blind or through hole
3. Holding surface for nut
4. Nut and collets ER11 HP Oscillation 0.1 - 0.2 mm Range 1.0 - 7.0 mm
5. Screw to determine the fixing length of the reamer
6. Screw to fix the PHA in the tool holder



REFERENCIA	FAM	E	B	PINZA	CAP	FLOT	D	C	A	F
E18091000	16	10	34	ER8 HP	1 ÷ 5	± 0.1 mm	13.5	16	90	19.5
E18121200	16	12	32	ER11 HP	1 ÷ 7	± 0.3 mm	19	20	97	31
E18121600		16	32	ER11 HP	1 ÷ 7	± 0.3 mm	19	20	100	31
E18122000		20	32	ER11 HP	1 ÷ 7	± 0.3 mm	19	20	102	31
E18161600	16	16	35	ER16 HP	1 ÷ 10	± 0.3 mm	35	20	85	50
E18162600		20	35	ER16 HP	1 ÷ 10	± 0.3 mm	35	20	85	50
E18162500		25	35	ER16 HP	1 ÷ 10	± 0.3 mm	35	20	105	50
E18201600	16	16	35	ER20 HP	1 ÷ 13	± 0.3 mm	35	20	85	50
E18202000		20	35	ER20 HP	1 ÷ 13	± 0.3 mm	35	20	85	50
E18202500		25	35	ER20 HP	1 ÷ 13	± 0.3 mm	35	20	105	50
E18202540		1"	35	ER20 HP	1 ÷ 13	± 0.3 mm	35	20	105	50

Porta Brocas cilíndrico Super Precisión Myrcro bore chuck cylindrical - super precision



CAP Ø0.2 ÷ Ø1.5

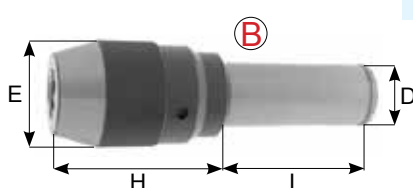
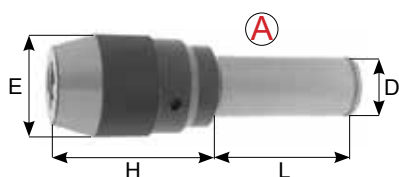
CAP Ø1.5 ÷ Ø3.0

REFERENCIA	FAM	d	A	L	d2	CAPACIDAD	
75.533.015	3	10	40	76	19	0.2	1.5
75.533.030		10	40	76	19	1.5	3.0

DIN/1835A

Porta Brocas Cilíndrico Rotación Derecha Straight shank drill chucks right spin

Refrigeración
Interna
Coolant flow



REFERENCIA	FAM	FORMA	D	CAP	L	H	E
D20.L60.DCK13	1	A	20	1 ÷ 13	60	81	50
D25.L80.DCK13	2		25		80		
D32.L80.DCK13	1		32		80		
D40.L70.DCK13	2		40		70		
D20.L60.DCK16	1	A	20	3 ÷ 16	60	85	57
D32.L80.DCK16	1		32		80		
D40.L70.DCK16	2		40		70		
D25.L70.DCK13C	2	B	25	1 ÷ 13	70	82	50
D32.L70.DCK13C			32				
D40.L70.DCK13C			40				
D25.L70.DCK16C	2	B	25	3 ÷ 16	70	87	50
D32.L70.DCK16C			32				
D40.L70.DCK16C			40				

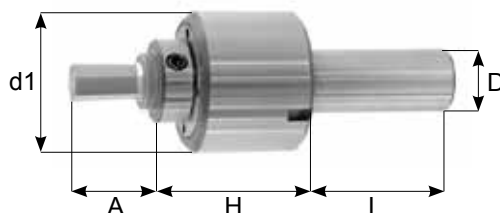
Forma "B" = Refrigeración Interna

El mango cilíndrico y el portabrocas son una misma pieza. Esta fabricado con acero Cr.Mo templado para garantizar una larga vida. Para incrementar la dureza de apriete se fabrica con llave de bloque.

The straight shank and the chuck body are integrated into one. The jaws are made of chromemolybdenum steel, with proper heat treatment for grant the precision for long time of usage. Supplied with spanner wrench to allow the application of supplementary gripping torque.

DIN/1835A

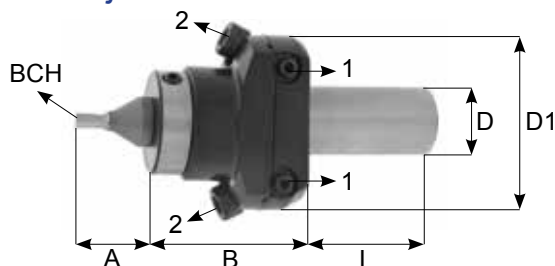
Porta Brochas Cilindrico
Rotating broach toolholder



REFERENCIA	FAM	D	H	L	D1	A	BCH
D8.L35.BCH5	6	8	34	35	22	10	5
D10.L35.BCH5		10	34	35	22	10	5
D12.L35.BCH5		12	34	35	22	10	5
D16.L35.BCH5		16	34	35	22	10	5
D20.L46.BCH5		20	34	46	22	10	5
D10.L35.BCH8	6	10	38	35	32	18	8
D12.L35.BCH8		12	38	35	32	18	8
D16.L35.BCH8		16	38	35	32	18	8
D20.L50.BCH8		20	38	50	32	18	8
D25.L50.BCH8		25	38	50	32	18	8
D16.L50.BCH12	6	16	46	50	44	25	12
D20.L50.BCH12	1	20	46	50	44	25	12
D25.L50.BCH12	1	25	46	50	44	25	12
D32.L50.BCH12	6	32	46	50	44	25	12
D20.L50.BCH16	6	20	76	50	58	40	16
D25.L50.BCH16	1	25	76	50	58	40	16
D30.L50.BCH16	6	30	76	50	58	40	16
D32.L50.BCH16	1	32	76	50	58	40	16
D40.L80.BCH16	1	40	76	50	58	40	16

DIN/1835A

Porta Brochas Regulable
Adjustable broach toolholder



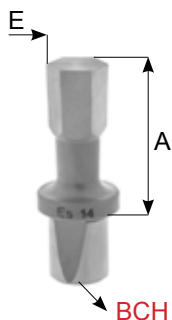
REFERENCIA	FAM	D	B	L	D1	A	BCH
D20.L50.BCH12R	1	20	52	50	62	25	12
D25.L50.BCH12R		25	52	50	62	25	12
D25.L50.BCH12R		32	52	50	62	25	12

Brocha Hexagonal
Broach exagonal

REFERENCIA	FAM	A
BCH5.E1	6	10
BCH5.E1.5		10
BCH5.E2		10
BCH5.E2.5		10
BCH5.E3		10
BCH5.E3.5		10
BCH5.E4		10
BCH5.E5		10
BCH5.E5.5		10
BCH5.E6		10

Brocha Hexagonal
Broach exagonal

REFERENCIA	FAM	A
BCH8.E1	6	18
BCH8.E1.5		18
BCH8.E2		18
BCH8.E2.5		18
BCH8.E3		18
BCH8.E3.5		18
BCH8.E4		18
BCH8.E4.5		18
BCH8.E5		18
BCH8.E5.5		18
BCH8.E6		18
BCH8.E7		18
BCH8.E8		18



Brocha Hexagonal
Broach exagonal

REFERENCIA	FAM	A
BCH12.E1	6	25
BCH12.E1.5	6	25
BCH12.E2	6	25
BCH12.E2.5	6	25
BCH12.E3	1	25
BCH12.E3.5	6	25
BCH12.E4	1	25
BCH12.E5	1	25
BCH12.E5.5	6	25
BCH12.E6	1	25
BCH12.E7	1	25
BCH12.E8	1	25
BCH12.E9	1	25
BCH12.E10	1	25
BCH12.E11	6	25
BCH12.E12	6	25
BCH12.E13	6	25
BCH12.E14	6	25

Brocha Hexagonal
Broach exagonal

REFERENCIA	FAM	A
BCH16.E3	6	40
BCH16.E3.5	6	40
BCH16.E4	1	40
BCH16.E5	1	40
BCH16.E6	1	40
BCH16.E7	1	40
BCH16.E8	1	40
BCH16.E9	1	40
BCH16.E10	1	40
BCH16.E11	1	40
BCH16.E12	1	40
BCH16.E13	1	40
BCH16.E14	1	40
BCH16.E15	1	40
BCH16.E16	1	40
BCH16.E17	1	40
BCH16.E18	6	40
BCH16.E19	6	40
BCH16.E20	6	40
BCH16.E21	6	40
BCH16.E22	6	40
BCH16.E23	6	40
BCH16.E24	6	40
BCH16.E25	6	40

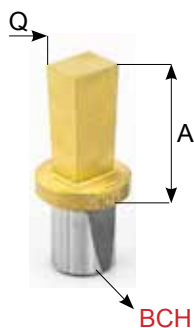


Brocha Cuadrada
Broach square

Brocha Cuadrada
Broach square

REFERENCIA	FAM	A
BCH5.Q1	6	10
BCH5.Q1.5		10
BCH5.Q2		10
BCH5.Q2.5		10
BCH5.Q3		10
BCH5.Q3.5		10
BCH5.Q4		10
BCH5.Q5		10
BCH5.Q5.5		10
BCH5.Q6		10

REFERENCIA	FAM	A
BCH8.Q2	6	18
BCH8.Q2.5		18
BCH8.Q3		18
BCH8.Q3.5		18
BCH8.Q4		18
BCH8.Q5		18
BCH8.Q5.5		18
BCH8.Q6		18
BCH8.Q7		18



Brocha Cuadrada
Broach square

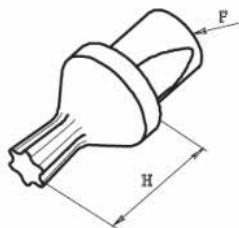
Brocha Cuadrada
Broach square

REFERENCIA	FAM	A
BCH12.Q2	6	25
BCH12.Q2.5	6	25
BCH12.Q3	6	25
BCH12.Q3.5	6	25
BCH12.Q4	1	25
BCH12.Q5	1	25
BCH12.Q5.5	6	25
BCH12.Q6	1	25
BCH12.Q7	1	25
BCH12.Q8	1	25
BCH12.Q9	1	25
BCH12.Q10	1	25
BCH12.Q11	6	25
BCH12.Q12	6	25
BCH12.Q13	6	25

REFERENCIA	FAM	A
BCH16.Q3	6	40
BCH16.Q4	1	40
BCH16.Q5	1	40
BCH16.Q6	1	40
BCH16.Q7	1	40
BCH16.Q8	1	40
BCH16.Q9	1	40
BCH16.Q10	1	40
BCH16.Q11	1	40
BCH16.Q12	1	40
BCH16.Q13	6	40
BCH16.Q14	6	40
BCH16.Q15	6	40
BCH16.Q16	6	40
BCH16.Q17	6	40
BCH16.Q17	6	40
BCH16.Q18	6	40
BCH16.Q19	6	40
BCH16.Q20	6	40
BCH16.Q21	6	40
BCH16.Q22	6	40
BCH16.Q23	6	40
BCH16.Q24	6	40
BCH16.Q25	6	40



Brocha Torx
Broach Torx



REFERENCIA	FAM	A	P	S	R	Torx
BCH12.T6	6	25	0.50-0.70	1.80	1.29	6
BCH12.T8		25	0.70-0.90	2.45	1.80	8
BCH12.T10		25	1.00-1.30	2.85	2.07	10
BCH12.T15		25	1.30-1.50	3.38	2.44	15
BCH12.T20		25	1.50-1.60	3.96	2.86	20
BCH12.T25		25	1.60-2.00	4.55	3.28	25
BCH12.T27		25	2.00-2.40	5.10	3.65	27
BCH12.T30		25	2.60-3.00	5.65	4.07	30
BCH12.T40		25	3.00-3.30	6.80	4.88	40
BCH12.T45		25	3.50-4.00	7.97	5.68	45
BCH12.T50		25	4.00-4.50	8.99	6.50	50

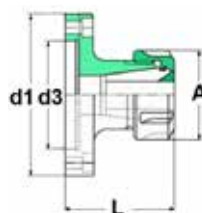
DIN/1835A

Porta Barras Regulable Cilindrico con Compensación
Damped rotary adjustable bar-stop



REFERENCIA	FAM	D	L	A
D25.SAS 56	1	25	50	56
D32.SAS 56		32	50	56

Porta Pinzas con Flangia
Flangia Mounting

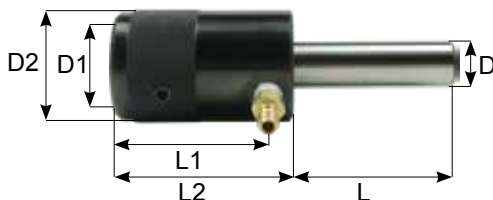


REFERENCIA	FAM	A	d1	d3	d6	L
FLB70.ERC25	1	42	70	35.2	54-M6	72
FLB50.ERC32		50	50	30	40-M6	58
FLB90.ERC32		50	90	41.2	70-M8	72
FLB110.ERC40		63	110	65.2	86-M8	87
FLB110.ERC50		78	110	65.2	86-M8	106

DIN/1835A

Dispositivo Fijo de Lubricación Central
Oil-feed holders

Distribuidor Fijo mango cilíndrico: Torreta de torno - CNC

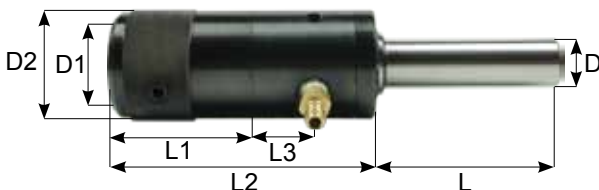


REFERENCIA	FAM	D	D1	L1	L2	D2	L3
EVT316	15	16	16	40	55	33	47
EVT325		25	25	50	70	46	60
EVT335		35	35	60	80	58	70

DIN/1835A

Dispositivo Rotativo de Lubricación Central
Rotating oil-feed holders

Distribuidor Rotativo mango cilíndrico



REFERENCIA	FAM	D	D1	L1	L2	D2	L3
EVT616	15	16	16	40	85	32	24
EVT620		20	20	50	109	46	31
EVT625		25	25	50	109	46	31

Casquillo Reductor
Reduction sleeves



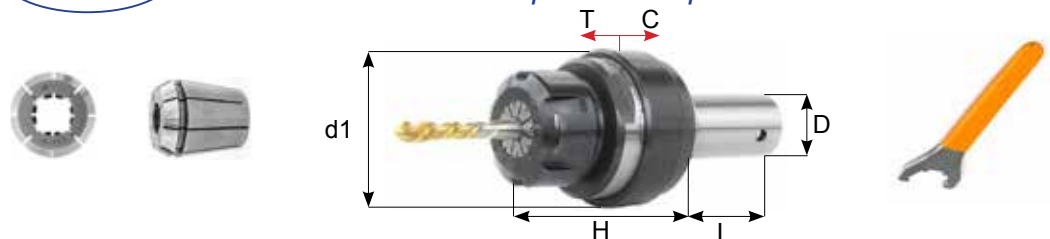
REFERENCIA	FAM	D1	D2	L
EVT25/16	15	16	25	50
EVT25/20		20	25	50
EVT35/25		25	35	60

Condiciones de Trabajo
Using coolant

Ø	PRESION	RPM
16	Hasta 4 BAR	6740
	Max 17 BAR	2000
25	Hasta 5 BAR	4600
	Max 17 BAR	1350
35	Hasta 5 BAR	2700
	Max 17 BAR	850

DIN/1835A

Roscador con Compresión y Tracción Pinza ER
Tension and compression tap holders collet ER



REFERENCIA	FAM	M	PINZA	D	L	H	d1	T	C
E192.015A	6	M3.5 ÷ M10	ER16	15.875	32	48	29	5.5	2.5
E192.016A				16	32	48	29	5.5	2.5
E192.019A				19.05	32	48	29	5.5	2.5
E192.020A				20	32	48	29	5.5	2.5
E192.219A	6	M3.5÷ M12	ER20	19.05	46	59	44	9	3
E192.220A				20	46	59	44	9	3
E192.222A				22	46	59	44	9	3
E192.225A				25	46	59	44	9	3
E192.226A				25.40	46	59	44	9	3
E192.419A	6	M3.5 ÷ M16	ER25	19.05	46	73	44	9	3
E192.420A				20	46	73	44	9	3
E192.422A				22	46	73	44	9	3
E192.325A	6	M3.5 ÷ M16	ER25	25	50	68	58	12	4
E192.325AL				25	80	68	58	12	4
E192.326A				25.40	50	68	58	12	4
E192.326AL				25.40	80	68	58	12	4
E192.330A				30	50	68	58	12	4
E192.331A				31.75	50	68	58	12	4
E192.332A				32	50	68	58	12	4
E192.340A				40	85	68	58	12	4
E192.525A	6	M3.5 ÷ M20	ER32	25	50	58	58	12	4
E192.525AL				25	80	58	58	12	4
E192.526A				25.40	50	58	58	12	4
E192.526AL				25.40	80	58	58	12	4
E192.530A				30	50	58	58	12	4
E192.531A				31.75	50	58	58	12	4
E192.532A				32	50	58	58	12	4
E192.540A				40	85	58	58	12	4

DIN/1835B

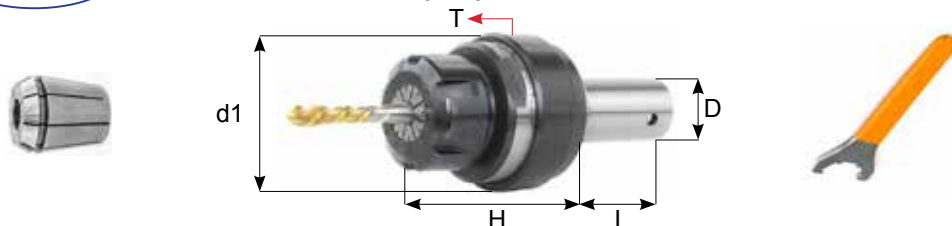
Porta sierras
Saw blade holder



REFERENCIA	FAM	L	A
WE20-5LT	1	5	90
WE20-8LT		8	105
WE20-8LT1		8	105
WE20-10LT		10	110
WE25-13LT		13	135
WE25-16LT		16	135

DIN/1835A

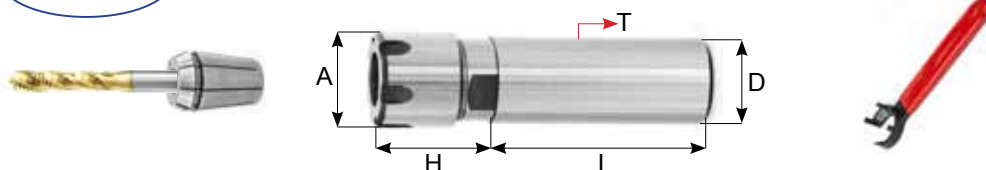
Roscador solo Traccion Pinza ER
Tension only tap holders ER collets



REFERENCIA	FAM	CAP	L	H	d1	T
D20PM.L80.ERC16	1	M3.5 ÷ M10	80	63	29	6
D25PM.L57.ERC16			57	63	29	6
D32PM.L80.ERC16			80	63	29	6
D20PM.L80.ERC20	1	M3.5÷ M12	80	65	44	9
D25PM.L57.ERC32	1	M3.5 ÷ M20	57	79	58	11
D32PM.L80.ERC32			80	79	58	11

DIN/1835A

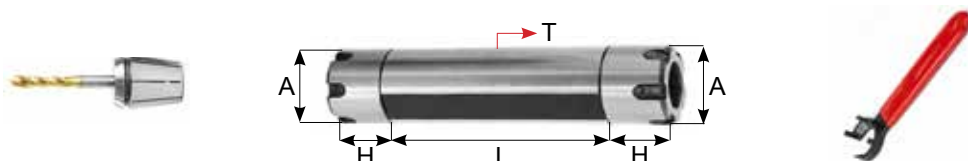
Roscador solo Traccion Pinza ER Mini
Tension only tap holders ER collets



REFERENCIA	FAM	CAP	L	H	A	T
D20PM.L50.ERC16M	1	M3.5 ÷ M10	50	30	22	14
D20PM.L70.ERC16M			70	30	22	14
D22PM.L50.ERC16M			50	30	22	14
D22PM.L80.ERC16M			80	30	22	14
D25PM.L50.ERC16M			50	30	22	14

DIN/1835A

Roscador solo Traccion Pinza ER Mini doble
Double - Seated floating tap holder with extension



REFERENCIA	FAM	CAP	PINZA	L	H	A	T
E195.022 050	6	1 ÷ 10	ERC16	50	26	22	8
E195.022 060				95	26	22	8
E195.022 095				60	26	22	8
E195.025 050				50	26	22	8
E195.025 060				60	26	22	8

DIN/1835B

Roscador Cambio Rápido / Tracción y Compresión pinza ER
Quick change tap holders tension / compression ER collets



REFERENCIA	ROSCADOR	SEP	CAP	H	L	T	C
WE20PM.H65.ERC16TC	WS20-THTC1-L39	SEP1-ER16	M3 ÷ M12	65	51	7.5	7.5
WE25PM.H65.ERC16TC	WS25-THTC1-L39	SEP1-ER16		65	53	7.5	7.5
WE20PM.H85.ERC20TC	WS20-THTC1-L39	SEP1-ER20	M3 ÷ M16	85	51	7.5	7.5
WE25PM.H85.ERC20TC	WS25-THTC1-L39	SEP1-ER20		85	53	7.5	7.5
WE20PM.H89.ERC25TC	WS20-THTC1-L39	SEP1-ER25	M3 ÷ M20	89	51	7.5	7.5
WE25PM.H89.ERC25TC	WS25-THTC1-L39	SEP1-ER25		89	53	7.5	7.5
WE20PM.H97.ERC32TC	WS20-THTC1-L39	SEP1-ER32	M3 ÷ M27	97	51	7.5	7.5
WE25PM.H97.ERC32TC	WS25-THTC1-L39	SEP1-ER32		97	53	7.5	7.5
WE25PM.H93.ERC25TC	WS25-THTC2-L63	SEP2-ER25	M3 ÷ M20	93	53	12.5	12.5
WE32PM.H93.ERC25TC	WS32-THTC2-L63	SEP2-ER25		93	60	12.5	12.5
WE25PM.H117.ERC32TC	WS25-THTC2-L63	SEP2-ER32	M3 ÷ M27	117	53	12.5	12.5
WE32PM.H117.ERC32TC	WS32-THTC2-L63	SEP2-ER32		117	60	12.5	12.5
WE25PM.H128.ERC40TC	WS25-THTC2-L63	SEP2-ER40	M6 ÷ M27	128	53	12.5	12.5
WE32PM.H128.ERC40TC	WS32-THTC2-L63	SEP2-ER40		128	60	12.5	12.5

DIN/1835A

Roscador con Tracción y Compresión Synchro Pinza ER
Tension and compression tap holders Synchro collet ER

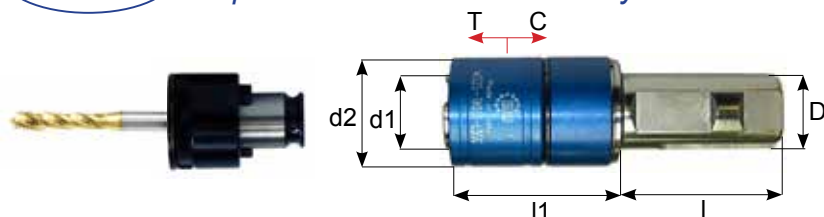


Refrigeración
Interna
Coolant flow

REFERENCIA	FAM	Pinza	CAP	CAP	d1	I1	T	C
WS25-ERSS20-L66C	10	ER20	M3 ÷ M10	1-14	34	66	0.5	0.5

DIN/1835B

Roscador Din/1835 B+E - Synchro - Tracción y Compresión
Tap Holders Din/1835 B+E - Synchro - Tension / Compression

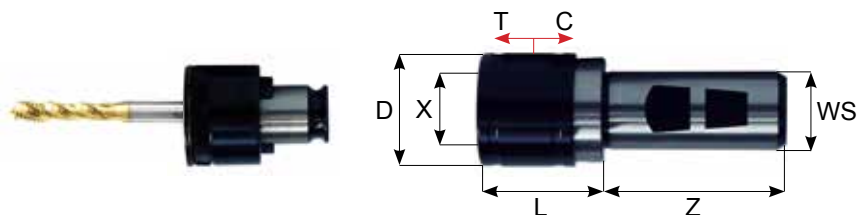


Refrigeración
Interna
Coolant flow

REFERENCIA	FAM	D	CAP	Tipo	d1	d2	I1	I	T	C
WS25-THSS1-L55C	10	25	M3 - M12	1	19	36	55	53	0.5	0.5

DIN/1835B

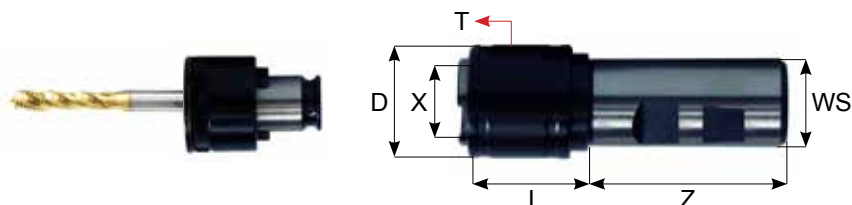
Roscador Weldon Din 1835 B+E - Tracción y Compresión
Weldon Din 1835 B+E - Tension / Compression Tap Holders



REFERENCIA	WS	CAP	X	D	Z	L	C	T
WS16-THTC0-L37	16	M 1 ÷ M10	13	25.5	49	37	6.5	6.5
WS20-THTC0-L37	20	M 1 ÷ M10	13	25.5	51	37	6.5	6.5
WS20-THTC1-L39	20	M 3 ÷ M12	19	36	51	39	7.5	7.5
WS25-THTC1-L39	25	M 3 ÷ M12	19	36	53	39	7.5	7.5
WS25-THTC2-L63	25	M 8 ÷ M20	31	53	53	63	12.5	12.5
WS32-THTC2-L63	32	M 8 ÷ M20	31	53	60	63	12.5	12.5
WS25-THTC3-L170	25	M14 ÷ M33	48	78	53	170	20	20
WS32-THTC3-L124	32	M14 ÷ M33	48	78	60	124	20	20
WS32-THTC3-L140	32	M22 ÷ M48	60	96	60	140	22.5	22.5

DIN/1835B

Roscador Weldon Din 1835 B+E / Rígido
Weldon Din 1835 B+E - Rigid tap holders



REFERENCIA	WS	CAP	X	D	L	Z
WS20-TLR1-L37	20	M 3 ÷ M12	19	32	37	51
WS25-TLR1-L37	25	M 3 ÷ M12	19	32	37	53
WS25-TLR2-L56	25	M 8 ÷ M20	31	50	56	53
WS25-TLR2-L56	32	M 8 ÷ M20	31	50	56	60
WS25-TLR3-L83	25	M14 ÷ M33	48	72	83	53
WS32-TLR3-L83	32	M14 ÷ M33	48	72	83	60
WS32-TLR4-L106	32	M22 ÷ M48	60	95	106	60



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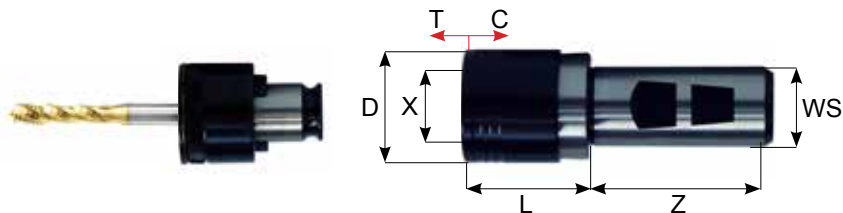
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DIN/1835B

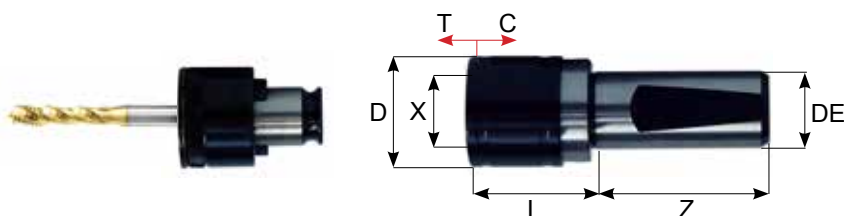
Roscador Weldon Din/1835 B+E / Tracción y Compresión/360°
Weldon Din/1835 B+E-Tension / Compression Tap Holders/360°



REFERENCIA	WS	CAP	X	D	Z	L
WS25-GCTC1-L45	25	M 3 ÷ M12	19	39	53	45
WS25-GCT1-L37.5	25	M 3 ÷ M12	19	39	53	37.5
WS25-GCTC2-L68	25	M 8 ÷ M20	31	60	53	68
WS25-GCT2-L58	25	M 8 ÷ M20	31	60	53	58
WS32-GCTC3-L99	32	M14 ÷ M33	48	86	60	99
WS32-GCT3-L81.5	32	M14 ÷ M33	48	86	60	81.5

DIN/1835A

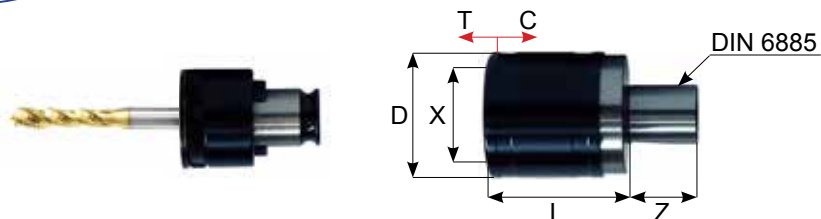
Roscador Cilíndrico Din 1835/A - Tracción y Compresión
Din 1835/A - Tension / Compression Tap Holders



REFERENCIA	DE	CAP	X	D	Z	L	C	T
DE16-THTC0-L37	16	M 1 ÷ M10	13	25.5	56	37	6.5	6.5
DE20-THTC0-L37	20	M 1 ÷ M10	13	25.5	56	37	6.5	6.5
DE16-THTC1-L39	16	M 3 ÷ M12	19	36	56	39	7.5	7.5
DE20-THTC1-L39	20	M 3 ÷ M12	19	36	58	39	7.5	7.5
DE25-THTC1-L39	25	M 3 ÷ M12	19	36	58	39	7.5	7.5
DE30-THTC1-L39	30	M 3 ÷ M12	19	36	58	39	7.5	7.5
DE32-THTC1-L39	32	M 3 ÷ M12	19	36	58	39	7.5	7.5
DE40-THTC1-L39	40	M 3 ÷ M12	19	36	58	39	7.5	7.5
DE25-THTC2-L63	25	M 8 ÷ M20	31	53	77	63	12.5	12.5
DE30-THTC2-L63	30	M 8 ÷ M20	31	53	77	63	12.5	12.5
DE32-THTC2-L63	32	M 8 ÷ M20	31	53	77	63	12.5	12.5
DE35-THTC2-L63	35	M 8 ÷ M20	31	53	77	63	12.5	12.5
DE40-THTC2-L63	40	M 8 ÷ M20	31	53	77	63	12.5	12.5
DE25-THTC3-L98	25	M14 ÷ M33	48	78	100	98	20	20
DE30-THTC3-L98	30	M14 ÷ M33	48	78	100	98	20	20
DE32-THTC3-L98	32	M14 ÷ M33	48	78	100	98	20	20
DE35-THTC3-L98	35	M14 ÷ M33	48	78	100	98	20	20
DE40-THTC3-L98	40	M14 ÷ M33	48	78	100	98	20	20

DIN/6585

Roscadore Cilíndrico Din 6585 - Tracción y Compresión Din 6585 - Tension / Compression Tap Holders



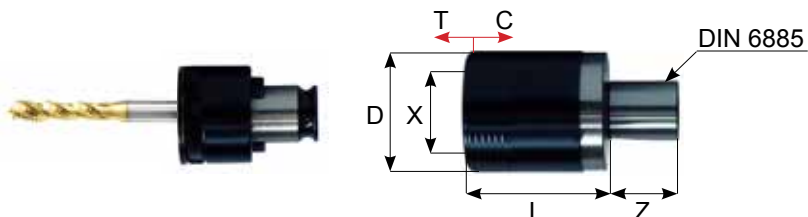
REFERENCIA	CAP	X	D	Z	L	C	T	Din/6885
DS15-THTC0-L37	M1 ÷ M10	13	37	18	37	6.5	6.5	A5x5x15
DS20-THTC1-L39	M3 ÷ M12	19	39	24	39	7.5	7.5	A6x6x16
DS25-THTC2-L63	M8 ÷ M20	31	53	30	63	12.5	12.5	A6x6x20

DIN/6585

Roscadore Cilíndrico Din 6585 - Tracción y Compresión / 360° Din 6585 - Tension / Compression Tap Holders / 360°



New Tapping System
360°



REFERENCIA	CAP	X	D	L	Z	C	T	Din/6885
DS20-GCTC1-L45	M1 ÷ M10	19	39	24	45	7.5	7.5	A 6x4x16
DS20-GCT1-L37.5	M1 ÷ M10	19	39	24	37.5	0	12.5	A 6x4x16
DS25-GCTC2-L68	M3 ÷ M12	31	60	30	68	10	10	A 6x6x20
DS25-GCT2-L58	M3 ÷ M12	31	60	30	58	0	16.5	A 6x6x20
DS36-GCTC3-L99	M8 ÷ M20	48	86	46	99	17.5	17.5	A10x6x32
DS36-GCT3-L81.5	M8 ÷ M20	48	86	46	81.5	0	35	A10x6x32

Soporte de Montaje para Mango Cilíndrico Tool assembly device



REFERENCIA	FAM	DESCRIPCION
TCY50-UNV	1	SOPORTE CON ADAPTADORES Ø16 Ø20 Ø25 Ø32 Ø40