PORTA HERRAMIENTA CONO MORSE

PROGRAMA

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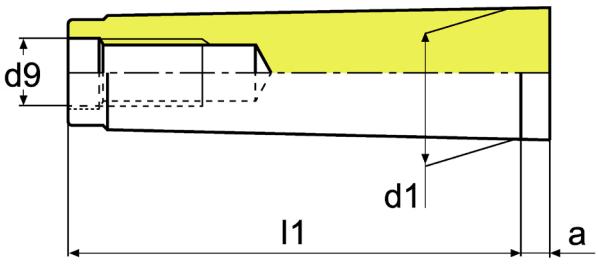
PAG. 17	PAG. 17	PAG. 18	PAG. 18	PAG. 19	PAG. 20	PAG. 20
PAG. 21	PAG. 22	PAG. 22	PAG. 23	PAG. 24	PAG. 24	PAG. 25
PAG. 25						

CONO MORSE - DIN 228



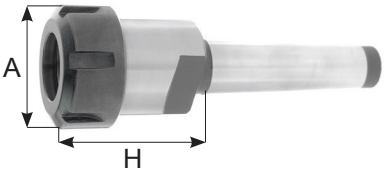
Morse	d1	a	d9 (1)	l1
CM1	12.065	3.5	M 6	53.5
CM2	17.780	5	M10	64
CM3	23.825	5	M12	81
CM4	31.267	6.5	M16	102.5
CM5	44.399	6.5	M20	129.5

3

DIN/228-A

Porta pinzas cono morse STANDARD
Collet chucks cono morse STANDARD

STANDARD



REFERENCIA	FAM	CAP	H	A
CM1.H40.ERC16	1	1 ÷ 10	40	32
CM2.H42.ERC16			42	
CM2.H50.ERC20	1	1 ÷ 14	50	35
CM2.H54.ERC25	1	1 ÷ 20	54	42
CM3.H53.ERC25			53	
CM2.H59.ERC32	2	2 ÷ 22	59	50
CM3.H70.ERC32	1		70	
CM4.H60.ERC32			60	
CM5.H50.ERC32			50	
CM3.H80.ERC40	1	3 ÷ 30	80	63
CM4.H81.ERC40			81	
CM5.H82.ERC40			82	
CM4.H96.ERC50	1	6 ÷ 34	96	78
CM5.H91.ERC50			91	

Estuche porta pinzas cono morse
Straight shank collet chuck kit

REFERENCIA	PINZAS	LLAVE	PORTA PINZAS
BXCM2.H54.25.15	Ø2 a Ø16 x 1mm (15 unidades)	CH25S	CM2.H54.ERC25
BXCM3.H53.25.15			CM3.H53.ERC25
BXCM3.H80.40.23	Ø4 ÷ Ø26 x 1mm (23 unidades)	CH40S	CM3.H80.ERC40
BXCM4.H81.40.23			CM4.H81.ERC40
BXCM2.H59.32.18	Ø3 ÷ Ø20 x 1mm (18 unidades)	CH32S	CM2.H59.ERC32
BXCM3.H70.32.18			CM3.H70.ERC32
BXCM4.H60.32.18			CM4.H60.ERC32

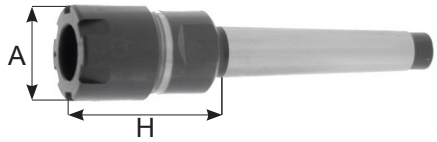
PORTA PINZAS MINI

DIN/228-A

Porta pinzas cono morse tuerca MINI

Collet chucks cono morse MINI

MINI



Compatible con tuerca mini hexagonal

REFERENCIA	FAM	CAP	H	A
CM1.H25.ERC11M	1	1 ÷ 7	25	16
CM1.H40.ERC16M	1	1 ÷ 10	40	22
CM2.H42.ERC16M			42	
CM3.H43.ERC16M			43	
CM2.H50.ERC20M	1	1 ÷ 14	50	28
CM3.H47.ERC20M			47	
CM2.H54.ERC25M	1	1 ÷ 20	54	35
CM3.H58.ERC25M			58	

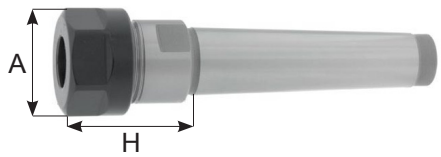
PORTA PINZAS STANDAR HEXAGONAL

DIN/228-A

Porta pinzas cono morse tuerca HEXAGONAL

Collet chucks cono morse EXAGONAL

HEXAGONAL



REFERENCIA	FAM	CAP	H	A
CM1.H25.ERC11	1	1 ÷ 7	25	16
CM1.H40.ERC16	1	1 ÷ 10	40	22
CM2.H42.ERC16			42	
CM2.H50.ERC20	1	1 ÷ 14	50	28

PORTA PINZAS

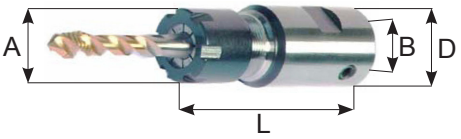
3

DIN/238

Porta pinzas DIN238 tuerca MINI

Collet chucks DIN238 with MINI nut

MINI



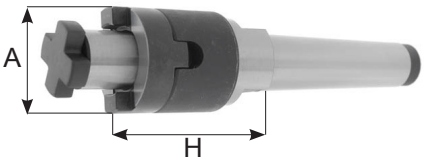
REFERENCIA	FAM	COD	A	L	D	B
B12.H63.ERC11M	2	3193	16	63	25	12.06
B12.H55.ERC16M		3194	22	55	25	12.06
B16.H85.ERC16M		3195	22	85	25	15.73
B12.H67.ERC20M		3221	28	67	25	12.06
B16.H80.ERC20M		3196	28	80	25	15.73
B18.H74.ERC20M		3197	28	74	28	17.78

PORTA FRESAS

DIN/228A

Porta fresas combinado cono morse

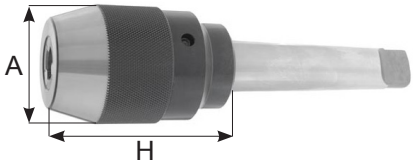
Combi shell end mill holders



REFERENCIA	FAM	H	A	CM
CM3.H48.D16C	1	48	16	3
CM3.H48.D22C		48	22	
CM3.H48.D27C		48	27	
CM3.H63.D32C		63	32	
CM4.H55.D16C	1	55	16	4
CM4.H55.D22C		55	22	
CM4.H55.D27C		55	27	
CM4.H55.D32C		55	32	
CM5.H75.D22C	1	75	22	5
CM5.H75.D27C		75	27	
CM5.H75.D32C		75	32	
CM5.H75.D40C		75	40	

DIN/228-B

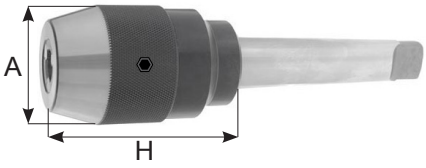
Porta brocas integral - Rotacion Derecha
Integrated drill chucks - Right Spin



REFERENCIA	FAM	COD	CAP	H	A
CM2.H86.DCK13	2	8646	1 ÷ 13	86	50
CM3.H86.DCK13		8647		86	
CM4.H87.DCK13		8649		87	
CM3.H90.DCK16	2	8648	3 ÷ 16	90	57
CM4.H91.DCK16		8650		91	

Porta brocas gran apriete integral - Rotacion Derecha e Izquierda
Integrated drill chucks - Right and Left Spin

DIN/228-B



REFERENCIA	FAM	COD	CAP	H	A
CM2.H87.DCU13	2	8651	1 ÷ 13	87	50
CM3.H87.DCU13		8652		87	
CM4.H88.DCU13		8654		88	
CM3.H92.DCU16	2	8653	3 ÷ 16	92	56
CM4.H94.DCU16		8655		94	

Tetón para cono morse
Removable tangs for morse tapper

REFERENCIA	FAM	COD	MORSE	METRICA (M)
TAG1-M 6	2	4079	1	M. 6
TAG2-M10		4080	2	M.10
TAG3-M12		4081	3	M.12
TAG4-M16		4082	4	M.16
TAG5-M20		4083	5	M.20

DIN/238

Porta brocas gran apriete Manual
Keyless drill chucks manual

REFERENCIA	FAM	CAP	B
DC13.B16H	1	1 ÷ 13	16
DC16.B16H		3 ÷ 16	16
DC16.B18H		3 ÷ 16	18

DIN/238

Porta brocas gran apriete de Alta Precisión
High precision keyless drill chucks

REFERENCIA	FAM	COD	CAP	B
DCK6.B10S	2	2800	0.5 ÷ 6.5	10
DCK8.B10S	1	2801	1 ÷ 8	
DCK10.B10S	2	2834	1 ÷ 10	
DCK8.B12S	2	2802	1 ÷ 8	12
DCK10.B12S	1	2803	1 ÷ 10	
DCK13.B12S	2	2804	1 ÷ 13	
DCK10.B16S	2	2805	1 ÷ 10	16
DCK13.B16S	1	2806	1 ÷ 13	
DCK16.B16S	1	2807	3 ÷ 16	
DCK16.B18S	1	2808	3 ÷ 16	18

DIN/238

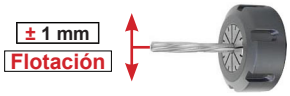
Porta brocas gran apriete con llave Hexagonal
Exagonal key drill chucks

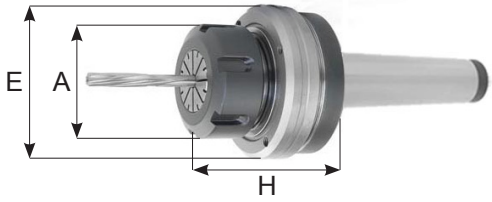
REFERENCIA	FAM	CAP	B
CP13-B16	1	1 ÷ 13	16
CP16-B16		3 ÷ 16	16

PORTA ESCARIADOR FLOTANTE

DIN/228-A

Porta escariador flotante cono morse ER - DIN 6499
Floating reamer holders with ER - DIN 6499

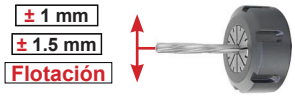


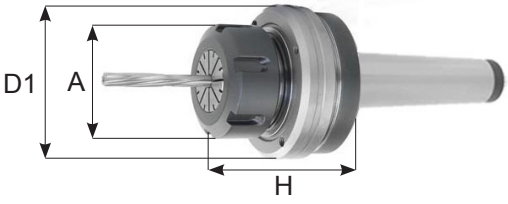


REFERENCIA	FAM	COD	CM	PINZA	CAP	FLOT	H	E	A
CM2.H55.RM16	2	3532	2	ER16	1 ÷ 10	± 1 mm	55	40	32
CM2.H60.RM20		3533	2	ER20	1 ÷ 14	± 1 mm	60	40	35
CM3.H63.RM25		3534	3	ER25	1 ÷ 20	± 1 mm	63	61	42
CM3.H75.RM32		3535	3	ER32	2 ÷ 22	± 1 mm	75	61	50

DIN/228-A

Porta escariador flotante cono morse ER - DIN 6499
Floating reamer holders with ER - DIN 6499





Refrigeración Interna
Coolant flow

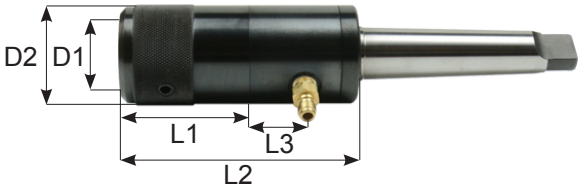
REFERENCIA	FAM	CM	PINZA	CAP	FLOT	A	H	D1
CM2.H40.RM11R CM3.H40.RM11R	6	2 3	ER11	1 ÷ 7	± 1 mm	22	40	42
CM2.H44.RM16R CM3.H44.RM16R	6	2 3	ER16	1 ÷ 10	± 1 mm	28	44	42
CM2.H50.RM20R CM3.H50.RM20R	6	2 3	ER20	1 ÷ 14	± 1 mm	34	50	50
CM2.H53.RM25R CM3.H53.RM25R	6	2 3	ER25	1 ÷ 20	± 1 mm	42	53	57
CM3.H58.RM32R CM4.H58.RM32R	6	3 4	ER32	2 ÷ 22	± 1.5 mm	50	58	69
CM3.H64.RM40R CM4.H64.RM40R	6	3 4	ER40	3 ÷ 30	± 1.5 mm	63	64	79

DIN/228-B

Dispositivo rotativo cono morse de Lubricación Central

Rotating oil-feed holders

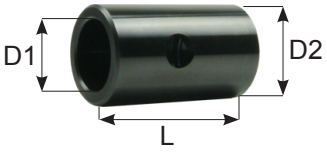
Distribuidor Rotativo cono morse



REFERENCIA	FAM	CM	D1	L1	L2	D2	L3
EVT516/1	15	1	16	40	89	32	24
EVT525/2		2	25	50	113	46	31
EVT525/3		3	25	50	113	46	31
EVT535/4		4	35	60	123	58	28

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

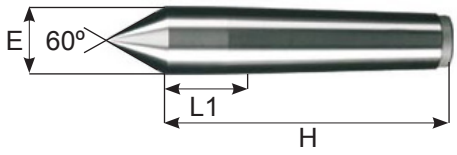
Condiciones de Trabajo

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/806

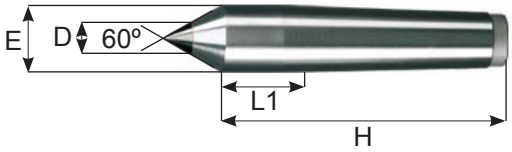
Punto cono morse de Acero
Steel type morse taper shank tailstocks



REFERENCIA	FAM	COD	E	L1	H
CM1.H80.D12A	2	4335	12	26	80
CM2.H100.D18A		4336	18	36	100
CM3.H125.D24A		4337	24	44	125
CM4.H160.D32A		4338	32	57	160
CM5.H200.D45A		4339	45	70	200

DIN/806

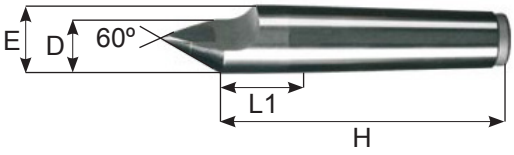
Punto cono morse punta de Metal Duro
Morse taper shank tailstocks with solid carbide



REFERENCIA	FAM	COD	D	E	L1	H
CM1.H80.D12W	2	3957	7	12	26	80
CM2.H100.D18W		4341	7	18	36	100
CM3.H125.D24W		4342	11	24	44	125
CM4.H160.D32W		4343	14	32	57	160
CM5.H200.D45W		4344	18	45	70	200

DIN/806

Punto de Metal Duro cono morse para Rectificadora
Mt shanck tailstocks with solid carbide for grinding

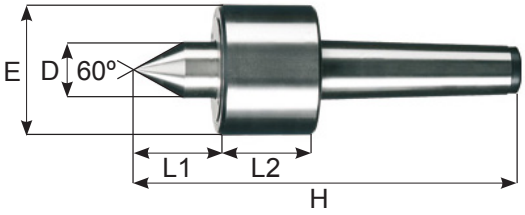


REFERENCIA	FAM	COD	D	E	L1	H
CM1.H80.D12WR	2	3959	7	12	26	80
CM2.H100.D18WR		4345	7	18	36	100
CM3.H125.D24WR		4346	11	24	44	125
CM4.H160.D32WR		4347	14	32	57	160
CM5.H200.D45WR		4348	18	45	70	200

PUNTO ROTATIVO CONO MORSE

Punto rotativo cono morse - Tipo Standard

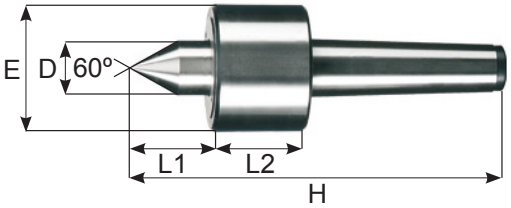
Morse taper shank rotary tailstocks - Type Standard



REFERENCIA	FAM	COD	E	D	L1	L2	H	Rpm max	Kg. Max
CM1.H101.D10RS	2	4349	28	10	16	30	101	3800	80
CM2.H135.D18RS		4350	41	18	25	40	135	3800	180
CM3.H167.D23RS		4351	50	23	34	48	167	3500	270
CM4.H197.D25RS		4352	60	25	35	52	197	3500	550
CM5.H254.D38RS		4353	75	38	52	65	254	3000	1000

Punto rotativo cono morse - Tipo A - Doble Esféra

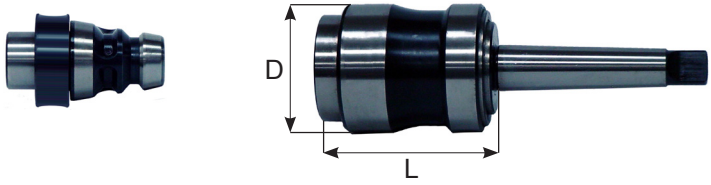
Morse taper shank rotary tailstocks -Type A - Double spheres



REFERENCIA	FAM	COD	E	D	L1	L2	H	Rpm max	Kg. Max
CM2.H144.D18RD	2	5311	46	18	25	43	144	3800	180
CM3.H175.D23RD		5312	60	24	35	49.5	175	3500	270
CM4.H205.D25RD		5313	70	25	36	54.5	205	3500	550
CM5.H267.D38RD		5314	90	38	57	69	267	3000	1000

DIN/228-B

Porta herramientas Cambio Rápido
Quick - change holder



REFERENCIA	CR	CM	D	L
CM2B-QC2	QC2	CM2B	50	75
CM3B-QC2	QC2	CM3B	50	75
CM3B-QC3	QC3	CM3B	60	88
CM4B-QC3	QC3	CM4B	60	88

Porta herramientas Cambio Rápido cono morse
Quick - change morse taper adapters

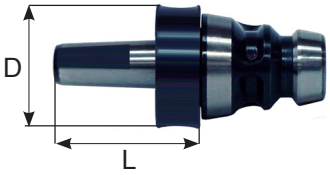
REFERENCIA	CR	CM	D	L
QC2-CM1B	QC2	CM1B	42	18.0
QC2-CM2B	QC2	CM2B	42	30.5
QC3-CM1B	QC3	CM1B	50	20.5
QC3-CM2B	QC3	CM2B	50	20.5
QC3-CM3B	QC3	CM3B	50	38.5

Roscador Cambio Rápido con compresión y tracción
Chick change tapping adapters Compression / Traccion

REFERENCIA	CAP	CR	X	D	L	C	T
QC2-TC1	M 3 ÷ M12	QC2	19	36	42	7.5	7.5
QC2-TC2	M 8 ÷ M20	QC2	31	53	72	12.5	12.5
QC3-TC1	M 3 ÷ M12	QC3	19	36	72	7.5	7.5
QC3-TC2	M 8 ÷ M20	QC3	31	53	66	12.5	12.5
QC3-TC3	M14 ÷ M33	QC3	48	78	126	20	20

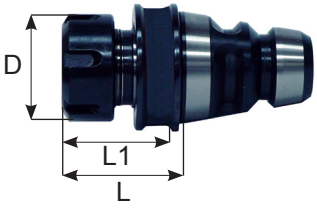
DIN/238

Porta Herramientas para Porta Brocas
Chick change drill chuck adapters



REFERENCIA	CR	REDUCTOR	D	L
QC2-B16	QC2	B16	42	23
QC3-B16	QC3	B16	50	25.5

Porta Pinzas Cambio Rápido Din 6499 Pinza ER
Quick change collet adapters for Din 6499 ER collets

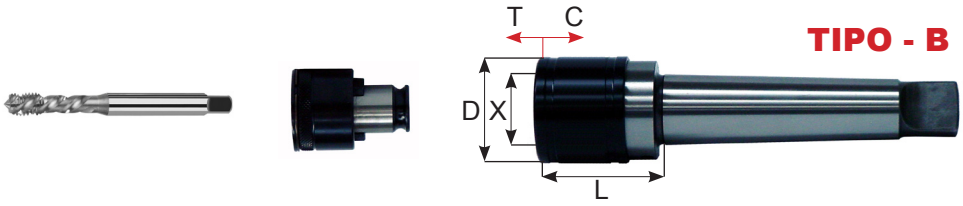


REFERENCIA	CAP	CR	Pinza	D	L	L1
QC2-ER16	0.5 ÷ 10	QC2	ER16	42	42	30 ÷ 50
QC3-ER32	1.0 ÷ 16	QC3	ER32	50	51	40 ÷ 60

DIN/228-B

Roscador Cono Morse con compresión y tracción

Quick change tapping chucks Traccion / Compression



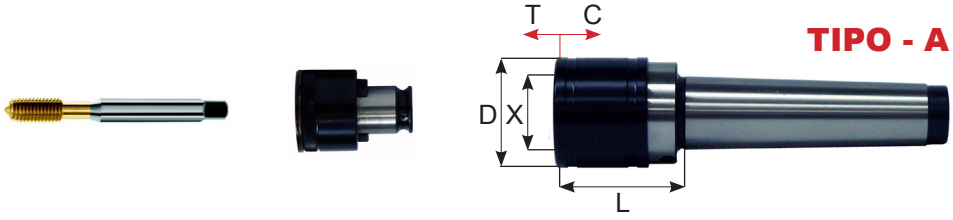
TIPO - B

REFERENCIA	CAP	CM	X	D	L	C	T
CM2B-THTC0-L44	M 1 ÷ M10	CM2	13	25.5	44	6.5	6.5
CM2B-THTC1-L46	M 3 ÷ M12	CM2	19	36	46	7.5	7.5
CM3B-THTC1-L46		CM3					
CM3B-THTC2-L70	M 8 ÷ M20	CM3	31	53	70	12.5	12.5
CM4B-THTC2-L71		CM4			71		
CM4B-THTC3-L104	M14 ÷ M33	CM4	48	78	104	20	20
CM5B-THTC3-L104		CM5					
CM5B-THTC4-L115	M22 ÷ M48	CM5	60	96	115	22.5	22.5
CM6B-THTC4-L117		CM6			117		

DIN/228-A

Roscador Cono Morse con compresión y tracción

Quick change tapping chucks Traccion / Compression



TIPO - A

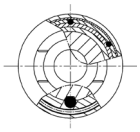
REFERENCIA	CAP	CM	X	D	L	C	T
CM2A-THTC0-L44	M 1 ÷ M10	CM2	13	25.5	44	6.5	6.5
CM2A-THTC1-L46	M 3 ÷ M12	CM2	19	36	46	7.5	7.5
CM3A-THTC1-L46		CM3					
CM3A-THTC2-L70	M 8 ÷ M20	CM3	31	53	70	12.5	12.5
CM4A-THTC2-L71		CM4			71		
CM4A-THTC3-L104	M14 ÷ M33	CM4	48	78	104	20	20
CM5A-THTC3-L104		CM5					
CM5A-THTC4-L115	M22 ÷ M48	CM5	60	96	115	22.5	22.5
CM6A-THTC4-L117		CM6			117		

ROSCADORES CAMBIO RAPIDO

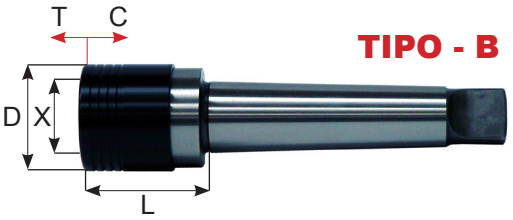
DIN/228-B

Roscador Cono Morse con compresión y traccion CN 360º

Quick change tapping chucks traccion / Compression CN 360º



New Tapping System 360º



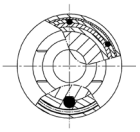
TIPO - B

REFERENCIA	CAP	CM	X	D	L	C	T
CM2B-GCTC1-L52	M 3 ÷ M12	CM2	19	39	52	7.5	7.5
CM3B-GCTC1-L52		CM3			52		
CM2B-GCT1-L44.5		CM2			44.5	0	12.5
CM3B-GCT1-L44.5		CM3			44.5		
CM3B-GCTC2-L75	M 8 ÷ M20	CM3	31	60	75	10	10
CM4B-GCTC2-L76		CM4			76		
CM3B-GCT2-L65		CM3			65	0	16.5
CM4B-GCT2-L66		CM4			66		
CM4B-GCTC3-L107	M14 ÷ M33	CM4	48	86	107	17.5	17.5
CM5B-GCTC3-L107.5		CM5			107.5		
CM4B-GCT3-L89.5		CM4			89.5	0	35
CM5B-GCT3-L90		CM5			90		

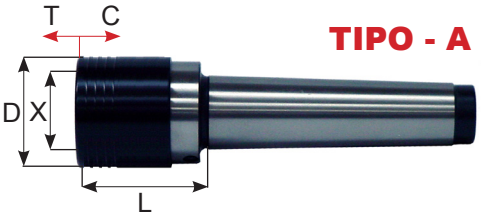
DIN/228-A

Roscador Cono Morse con compresión y tracción CN 360º

Quick change tapping chucks Traccion / Compression CN 360º



New Tapping System 360º



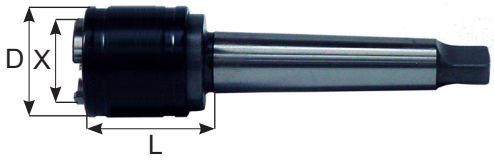
TIPO - A

REFERENCIA	CAP	CM	X	D	L	C	T
CM2A-GCTC1-L52	M 3 ÷ M12	CM2	19	39	52	7.5	7.5
CM3A-GCTC1-L52		CM3			52		
CM2A-GCT1-L44.5		CM2			44.5	0	12.5
CM3A-GCT1-L44.5		CM3			44.5		
CM3A-GCTC2-L75	M 8 ÷ M20	CM3	31	60	75	10	10
CM4A-GCTC2-L76		CM4			76		
CM3A-GCT2-L65		CM3			65	0	16.5
CM4A-GCT2-L66		CM4			66		
CM3A-GCTC3-L106	M14 ÷ M33	CM3	48	86	106	17.5	17.5
CM4A-GCTC3-L107		CM4			107		
CM5A-GCTC3-L107.5		CM5			107.5		
CM3A-GCT3-L88.5		CM3			88.5	0	35
CM4A-GCT3-L89.5		CM4			89.5		
CM5A-GCT3-L90		CM5			90		

LINEA TRANSFER

Roscador rígido Cono Morse
Quick change tapping chucks Rigid

DIN/228-B

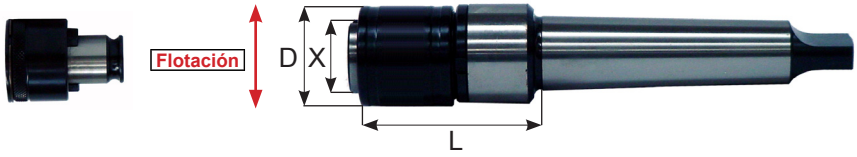


REFERENCIA	CAP	CM	X	D	L
CM1B-TLR0-L39	M 1 ÷ M10	CM1	13	23	39
CM2B-TLR0-L40		CM2			40
CM1B-TLR1-L43	M 3 ÷ M12	CM1	19	32	43
CM2B-TLR1-L44		CM2			44
CM3B-TLR1-L44		CM3			44
CM2B-TLR2-L61	M 8 ÷ M20	CM2	31	50	61
CM3B-TLR2-L61		CM3			61
CM4B-TLR2-L62		CM4			62
CM3B-TLR3-L90	M14 ÷ M33	CM3	48	72	90
CM4B-TLR3-L91		CM4			91
CM4B-TLR4-L114	M22 ÷ M48	CM4	60	95	114
CM5B-TLR4-L114		CM5			114

LINEA TRANSFER

Roscador rígido Cono Morse y flotación Radial
Quick change tapping chucks / Radial floating - Rigid

DIN/228-B



REFERENCIA	CAP	CM	X	D	L	FLOT
CM1B-TLRP0-L59	M 1 ÷ M10	CM1	13	23	59	0.75
CM2B-TLRP0-L60		CM2			60	0.25
CM1B-TLRP1-L64	M 3 ÷ M12	CM1	19	32	64	0.5
CM2B-TLRP1-L65		CM2			65	
CM3B-TLRP1-L65		CM3			65	
CM2B-TLRP2-L91	M 8 ÷ M20	CM2	31	50	91	1.0
CM3B-TLRP2-L91		CM3			91	
CM4B-TLRP2-L92		CM4			92	
CM3B-TLRP3-L131	M14 ÷ M33	CM3	48	72	131	1.5
CM4B-TLRP3-L132		CM4			132	
CM4B-TLRP4-L161	M22 ÷ M48	CM4	60	95	161	2.0
CM5B-TLRP4-L162		CM5			162	
CM2B-TLRP7-L84	M22 ÷ M48	CM2	26	40	84	0.75
CM3B-TLRP7-L84		CM3			84	

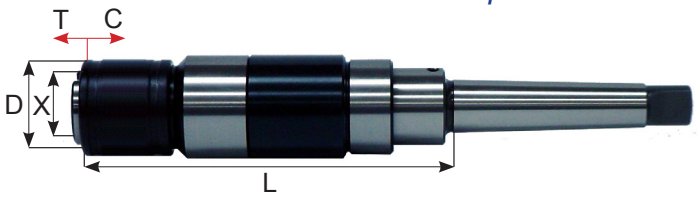
ROSCADORES LINEA TRANSFERS

LINEA TRANSFER

Roscador rígido Cono Morse con compensación Axial en compresión y tracción

Quick change tapping chucks with length compesation Axial and Tracción / Compression

DIN/228-B



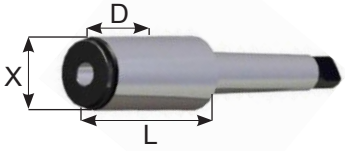
REFERENCIA	CAP	CM	X	D	L	C	T
CM1B-TLC0-20	M 1 ÷ M10	CM1	13	23	100	20	0
CM1B-TLC0-30					120	30	0
CM1B-TLT0-20					80	0	20
CM1B-TLT0-30					90	0	30
CM1B-TLTC0-20/10					110	20	10
CM1B-TLTC0-15/15					105	15	15
CM2B-TLC1-30	M 3 ÷ M12	CM2	19	35	133	30	0
CM2B-TLC1-40					153	40	0
CM2B-TLT1-30					103	0	30
CM2B-TLT1-40					113	0	40
CM2B-TLTC1-15/15					118	15	15
CM2B-TLTC1-10/30					123	10	30
CM2B-TLTC1-30/10					143	30	10
CM2B-TLTC1-20/20					133	20	20
CM3B-TLC2-30	M 8 ÷ M20	CM3	31	50	157	30	0
CM3B-TLC2-40					177	40	0
CM3B-TLT2-30					127	0	30
CM3B-TLT2-40					137	0	40
CM3B-TLTC2-30/10					167	30	10
CM3B-TLTC2-20/20					157	20	20
CM4B-TLC3-30	M14 ÷ M33	CM4	48	72	204	30	0
CM4B-TLC3-40					224	40	0
CM4B-TLT3-30					174	0	30
CM4B-TLT3-40					184	0	40
CM4B-TLTC3-30/10					214	30	10
CM4B-TLTC3-20/20					204	20	20

LINEA TRANSFER

Roscador cabecilla cono morse

Tapping chucks with direct clamping

DIN/228-B



Especificar Ø y ⍁ del macho

REFERENCIA	CAP	Ø - ⍁	D	X	L
CM0-TL0-L37	M 1 ÷ M10	2.5 - 7.2	15	14	37
CM1-TL1-L46	M 3 ÷ M12	4.5 - 11.3	17	19	46
CM2-TL1-L50	M 3 ÷ M12	4.5 - 11.3	17	19	50
CM2-TL2-L72	M 8 ÷ M20	7.0 - 18	30	31	72
CM3-TL3-L72	M14 ÷ M33	7.0 - 18	30	31	72

LINEA TRANSFER

Roscador rígido Cono Morse con compensación Axial en compresión y tracción y con flotacíón Radial

Quick change tapping chucks with length compensation on Tracción / Compression and Floating Radial

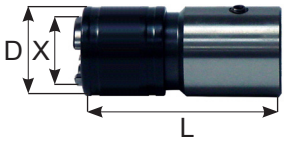
DIN/228-B Flotación

REFERENCIA	CAP	CM	X	D	L	FLOT	C	T
CM1B-TLCP0-20	M 1 ÷ M10	CM1	13	23	122	0.25	20	0
CM1B-TLCP0-30		CM1			142		30	0
CM1B-TLTP0-20		CM1			102		0	20
CM1B-TLTP0-30		CM1			112		0	30
CM1B-TLTCP0-20/10		CM1			132		20	10
CM1B-TLTCP0-15/15		CM1			127		15	15
CM2B-TLCP1-30	M 3 ÷ M12	CM2	19	35	148	0.5	30	0
CM2B-TLCP1-40		CM2			168		40	0
CM2B-TLTP1-30		CM2			118		0	30
CM2B-TLTP1-40		CM2			128		0	40
CM2B-TLTCP1-30/10		CM2			158		30	10
CM2B-TLTCP1-20/20		CM2			148		20	20
CM3B-TLTCP1-20/20		CM3			148		20	20
CM3B-TLTCP1-30/10		CM3			158		30	10
CM3B-TLCP2-30	M 8 ÷ M20	CM3	31	50	181	1	30	0
CM3B-TLCP2-40		CM3			201		40	0
CM3B-TLTP2-30		CM3			151		0	30
CM3B-TLTP2-40		CM3			161		0	40
CM3B-TLTCP2-30/10		CM3			191		30	10
CM3B-TLTCP2-20/20		CM3			181		20	20
CM4B-TLCP3-30	M14 ÷ M33	CM4	48	72	238	1.5	30	0
CM4B-TLCP3-40		CM4			258		40	0
CM4B-TLTP3-30		CM4			208		0	30
CM4B-TLTP3-40		CM4			218		0	40
CM4B-TLTCP3-30/10		CM4			248		30	10
CM4B-TLTCP3-20/20		CM4			238		20	20

LINEA TRANSFER

Roscador rígido cono DIN/238
Quick change tapping chucks / Rigid

DIN/238

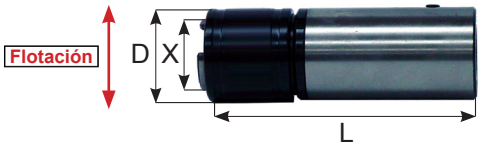


REFERENCIA	CAP	CM	X	D	L
B10-TLR0-L51	M 1 ÷ M10	B10	13	23	51
B12-TLR0-L55		B12			55
B12-TLR1-L59	M 3 ÷ M12	B12	19	32	59
B16-TLR1-L65		B16			65
B18-TLR1-L73		B18			73
B16-TLR2-L84	M 8 ÷ M20	B16	31	50	84
B18-TLR2-L92		B18			92
B22-TLR2-L101		B22			101
B22-TLR3-L126	M14 ÷ M33	B22	48	72	126
B24-TLR3-L136		B24			136

LINEA TRANSFER

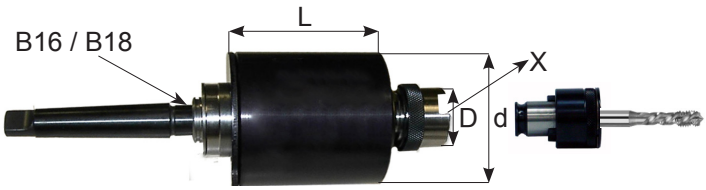
Roscador rígido cono DIN/238 con flotación Radial
Quick change tapping chucks / Radial floating - Rigid

DIN/238



REFERENCIA	CAP	CM	X	D	L	FLOT
B10-TLRP0-L72	M 1 ÷ M10	B10	13	23	72	0.25
B12-TLRP0-L76		B12			76	
B12-TLRP1-L79	M 3 ÷ M12	B12	19	32	79	0.5
B16-TLRP1-L85		B16			85	
B18-TLRP1-L95		B18			95	
B16-TLRP2-L112	M 8 ÷ M20	B16	31	50	112	1
B18-TLRP2-L119		B18			119	
B22-TLRP2-L129		B22			129	
B22-TLRP3-L165	M14 ÷ M33	B22	48	72	165	1.5
B24-TLRP3-L175		B24			175	

Roscador automático con Inversión de Giro
Tapping attachments with automatic reversal



REFERENCIA	M	D	d	X	L	S	CM	MAX RPM
73.115512 - SRT-1	M3- M12	69	36	19	130	B16	CM2 / CM3	1500
73.115720 - SRT-2	M5 - M18	76	54	31	159	B18	CM3 / CM4	1200

Kit Roscador automático con Inversión de Giro
Kit Tapping attachments with automatic reversal

REFERENCIA

KIT SRT - 512 (M3-M12)
7 - SES-1 + 2 REDUCTORES

Kit Roscador automático con Inversión de Giro - **Serie económica**
Kit Tapping attachments with automatic reversal

REFERENCIA

ERI - 100
ROSCADOR CM2 DIN/228B

KIT ERI - 100 (M3-M12)
7 - SES-1
1 - REDUCTOR CM3/2

PINZA CONO MORSE

3

DIN/6329

Cono pinza para broca
Mt collets for twist drills

REFERENCIA	FAM	COD	DESCRIPCIÓN	CAP	D	L
CM0.BROCA	2	5570P	CM0 - BROCA	1.5 ÷ 5.5	9.0	59.5
CM1.BROCA		0640P	CM1 - BROCA	1.5 ÷ 10.0	12.2	65.5
CM2.BROCA		0641P	CM2 - BROCA	3.0 ÷ 15.0	18.0	80.0
CM3.BROCA		0642P	CM3 - BROCA	8.0 ÷ 20.0	24.0	99.0
CM4.BROCA		0643P	CM4 - BROCA	12.0 ÷ 25.0	31.5	124.0
CM5.BROCA		5571P	CM5 - BROCA	20.0 ÷ 36.0	44.5	156.2

DIN/6328

Cono pinza para macho
Mt collets for milling cutters

REFERENCIA	FAM	COD	DESCRIPCIÓN	CAP	D	L
CM0.MACHO	2	5570M	CM0 - MACHO	2.5 ÷ 4.5	9.0	59.5
CM1.MACHO		0640M	CM1 - MACHO	2.5 ÷ 10.0	12.2	65.5
CM2.MACHO		0641M	CM2 - MACHO	4.5 ÷ 14.0	18.0	80.0
CM3.MACHO		0642M	CM3 - MACHO	8.0 ÷ 18.0	24.0	99.0
CM4.MACHO		0643M	CM4 - MACHO	12.0 ÷ 25.0	31.5	124.0
CM5.MACHO		5571M	CM5 - MACHO	18.0 ÷ 36.0	44.5	156.2

CUÑA

DIN/317

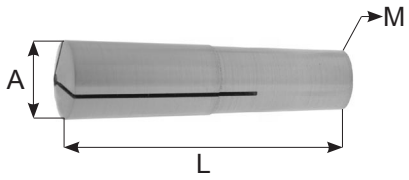
Cuña
Cone ejectors

REFERENCIA	FAM	COD	DESCRIPCION	L	S
5235.CM0	2	5235	BC.CM0	90	2
5236.CM1		5236	BC.CM1	140	5
5236.CM2		5236	BC.CM2	140	5
5237.CM3		5237	BC.CM3	190	7
5238.CM4		5238	BC.CM4	225	10
5239.CM5		5239	BC.CM5	265	15

PINZA REDUCTOR A CONO MORSE

UNI/4702

Pinza a cono morse
Morse taper collets



CP-CM2

A= 18	L= 69	M= 10	FAM= 1

REFERENCIA	CAP
CP-CM2.D3	3 ÷ 32
CP-CM2.D4	
CP-CM2.D5	
CP-CM2.D6	
CP-CM2.D7	
CP-CM2.D8	
CP-CM2.D9	
CP-CM2.D10	
CP-CM2.D11	
CP-CM2.D12	
CP-CM2.D13	

CP-CM3

A= 24.1	L= 86	M= 12	FAM= 1

REFERENCIA	CAP
CP-CM3.D3	3 ÷ 18
CP-CM3.D4	
CP-CM3.D5	
CP-CM3.D6	
CP-CM3.D7	
CP-CM3.D8	
CP-CM3.D9	
CP-CM3.D10	
CP-CM3.D11	
CP-CM3.D12	
CP-CM3.D13	
CP-CM3.D14	
CP-CM3.D15	
CP-CM3.D16	
CP-CM3.D17	
CP-CM3.D18	

CP-CM4

A= 31.6	L= 109	M= 12	FAM= 1

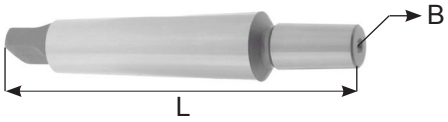
REFERENCIA	CAP
CP-CM4.D4	4 ÷ 25
CP-CM4.D5	
CP-CM4.D6	
CP-CM4.D7	
CP-CM4.D8	
CP-CM4.D9	
CP-CM4.D10	
CP-CM4.D11	
CP-CM4.D12	
CP-CM4.D13	
CP-CM4.D14	
CP-CM4.D15	
CP-CM4.D16	
CP-CM4.D17	
CP-CM4.D18	
CP-CM4.D19	
CP-CM4.D20	
CP-CM4.D21	
CP-CM4.D22	
CP-CM4.D23	
CP-CM4.D24	
CP-CM4.D25	

REDUCTORES CONO MORSE

DIN/238

Reductor cono morse DIN/238

Morse taper adapters to DIN/238

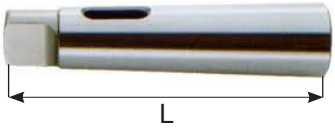


REFERENCIA	FAM	COD	CM	B	L
CM1.B10	2	4096/1-B10	1	10	83
CM1.B12		4096/1-B12		12	89
CM1.B16		4096/1-B16		16	99
CM1.B18		4096/1-B18		18	99
CM2.B10		4096/2-B10	2	10	105
CM2.B12		4096/2-B12		12	106
CM2.B16		4096/2-B16		16	112
CM2.B18		4096/2-B18		18	119
CM2.B22		4096/2-B22		22	130
CM3.B12		4096/3-B12	3	12	125
CM3.B16		4096/3-B16		16	134
CM3.B18		4096/3-B18		18	140
CM3.B22		4096/3-B22		22	147
CM4.B12		4096/4-B12	4	12	152
CM4.B16		4096/4-B16		16	156
CM4.B18		4096/4-B18		18	164
CM4.B22		4096/4-B22		22	176
CM4.B24		4096/4-B24		24	186
CM5.B16		4096/5-B16	5	16	190
CM5.B18		4096/5-B18		18	204
CM5.D22		4096/5-B22		22	213
CM5.B24		4096/5-B24		24	221

DIN/2185

Reductor a cono Morse - Morse

Morse taper adapters

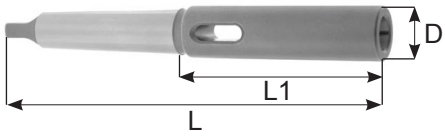


REFERENCIA	FAM	COD	CM Exterior	CM Interior	L
BR1-0	2	4098/1-0	1	0	80
BR2-1		4098/2-1	2	1	92
BR3-1		4098/3-1	3	1	99
BR3-2		4098/3-2		2	112
BR4-1		4098/4-1	4	1	124
BR4-2		4098/4-2		2	124
BR4-3		4098/4-3		3	140
BR5-1		4098/5-1	5	1	156
BR5-2		4098/5-2		2	156
BR5-3		4098/5-3		3	156
BR5-4		4098/5-4		4	171
BR6-2		4098/6-2	6	2	218
BR6-3		4098/6-3		3	218
BR6-4		4098/6-4		4	218
BR6-5		4098/6-5		5	218

REDUCTOR CONO MORSE

DIN/2187

Reductor largo Cono Morse
Extended morse taper adapters



REFERENCIA	FAM	COD	CM Exterior	CM Interior	L	Lt	D
BRL1-1	2	4099/1-1	1	1	83	145	20
BRL1-2		4099/1-2		2	98	160	30
BRL2-1		4099/2-1	2	1	85	160	20
BRL2-2		4099/2-2		2	100	175	30
BRL2-3		4099/2-3		3	121	196	36
BRL3-1		4099/3-1	3	1	81	175	20
BRL3-2		4099/3-2		2	100	194	30
BRL3-3		4099/3-3		3	121	215	36
BRL3-4		4099/3-4		4	146	240	48
BRL4-1		4099/4-1	4	1	82.5	200	20
BRL4-2		4099/4-2		2	97.5	215	30
BRL4-3		4099/4-3		3	122.5	240	36
BRL4-4		4099/4-4		4	147.5	265	48
BRL4-5		4099/4-5		5	182.5	300	63
BRL5-1		4099/5-1	5	1	82.5	232	20
BRL5-2		4099/5-2		2	97.5	247	30
BRL5-3		4099/5-3		3	118.5	268	36
BRL5-4		4099/5-4		4	150.5	300	48
BRL5-5		4099/5-5		5	185.5	335	63
BRL6-3		4099/6-3	6	3	120	330	36
BRL6-4		4099/6-4		4	145	335	48
BRL6-5		4099/6-5		5	180	390	63

Cono limpiador Interno
Spindle taper wipers

REFERENCIA	FAM	MODELO
TCL1.MT	1	CM1
TCL2.MT		CM2
TCL3.MT		CM3
TCL4.MT		CM4
TCL5.MT		CM5

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