



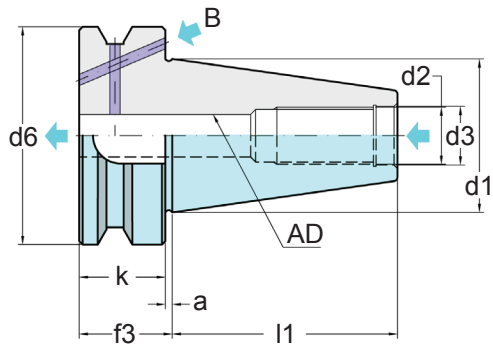
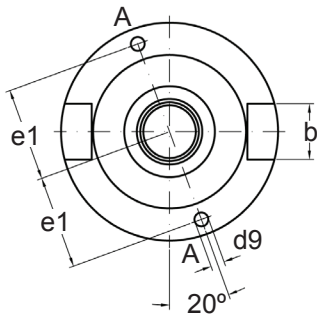
**CONO ISO
MAS403/BT**

PROGRAMA

6

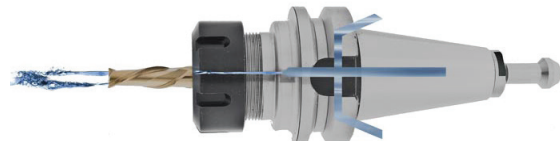
						
PAG. 4-5	PAG. 6	PAG. 7	PAG. 7	PAG. 8	PAG. 8	PAG. 9
						
PAG. 10-11	PAG. 12	PAG. 12	PAG. 12	PAG. 13	PAG. 14-17	PAG. 18
						
PAG. 19	PAG. 19	PAG. 20-21	PAG. 22-24	PAG. 25	PAG. 26-27	PAG. 27
						
PAG. 28	PAG. 29	PAG. 30	PAG. 30	PAG. 31	PAG. 31	PAG. 32
	SYNCHRO 		SYNCHRO 			
PAG. 33	PAG. 34	PAG. 34	PAG. 35	PAG. 36	PAG. 37-39	PAG. 40
						
PAG. 41	PAG. 41	PAG. 42				

● Opcional **DOBLE CONTACTO**

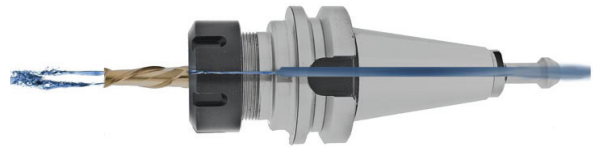


CONO TAPER	FORMA FORM	d1	d2	d3	d6	l1	a	k	f3	b	d9	e1
BT30	AD	31.75	M12	12.5	46	48.4	2	20	22	16.1	-	-
BT40	AD+B	44.45	M16	17	63	65.4	2	25	27	16.1	4	27
BT50	AD+B	69.85	M24	25	100	101.8	3	35	38	25.7	6	42

Forma
AD+B = BTB



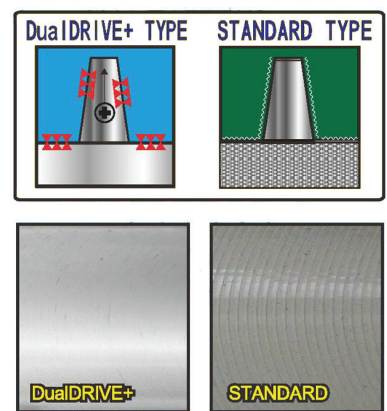
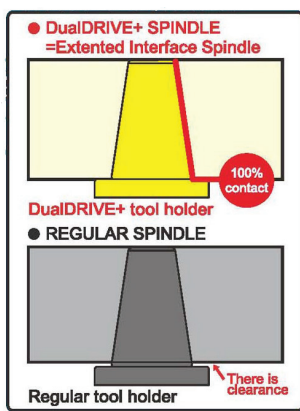
Forma
AD = BT



DOBLE CONTACTO

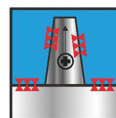
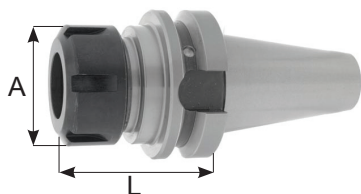


CONO TAPER	FORMA FORM
DBT30	AD
DBTB40	AD+B
DBTB50	AD+B



MAS/403BT

Porta pinzas ER tuerca STANDARD
Collet chucks ER STANDARD nut



100% contact

* G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT30

REFERENCIA	CAP	RPM	FORMA	L	A
BT30L55ER16 *	1 ÷ 10	15.000	AD	55	32
BT30L70ER16				70	
BT30L100ER16				100	
BT30L70ER20 *	1 ÷ 14			70	35
BT30L60ER25 *	1 ÷ 20			60	42
BT30L90ER25				90	
BT30L60ER32				60	
BT30L70ER32 *	2 ÷ 22			70	50
BT30L100ER32				100	
BT30L60ER40 *				3 ÷ 30	

* "Face contact" + "D" (DBT30L55ER16)

BT40

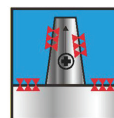
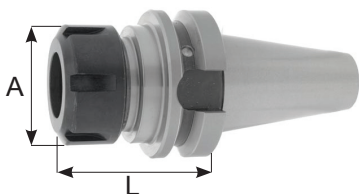
REFERENCIA	CAP	RPM	FORMA	L	A
BTB40L70ER16 *	1 ÷ 10	15.000	AD+B	70	32
BTB40L100ER16 *				100	
BTB40L120ER16				120	
BTB40L150ER16				150	
BTB40L200ER16				200	
BTB40L70ER20 *	1 ÷ 14	15.000	AD+B	70	35
BTB40L100ER20 *				100	
BTB40L160ER20				160	
BTB40L70ER25 *	1 ÷ 20	15.000	AD+B	70	42
BTB40L100ER25 *				100	
BTB40L130ER25				130	
BTB40L160ER25				160	
BTB40L200ER25				200	
BTB40L70ER32 *	2 ÷ 22	15.000	AD+B	70	50
BTB40L100ER32 *				100	
BTB40L130ER32				130	
BTB40L150ER32				150	
BTB40L200ER32				200	
BTB40L70ER40 *	3 ÷ 30	15.000	AD+B	70	63
BTB40L100ER40 *				100	
BTB40L130ER40				130	
BTB40L150ER40				150	
BTB40L200ER40				200	
BTB40L85ER50	6 ÷ 34	15.000	AD+B	85	78

* "Face contact" + "D" (DBTB40L70ER16)

BT50 →

MAS/403BT

Porta pinzas ER tuerca STANDARD
Collet chucks ER STANDARD nut



100% contact

*

G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT50

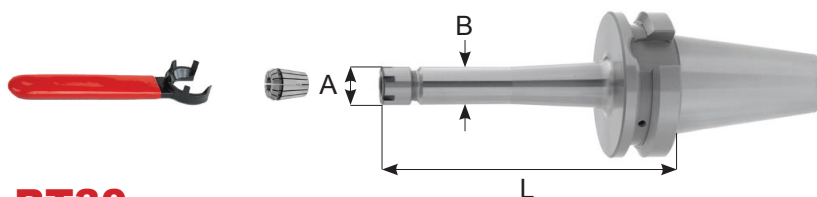
REFERENCIA	CAP	RPM	FORMA	L	A
BTB50L100ER16 *	1 ÷ 10	15.000	AD+B	100	32
BTB50L160ER16				160	
BTB50L200ER16				200	
BTB50L100ER20 *	1 ÷ 14	15.000	AD+B	100	35
BTB50L160ER20				160	
BTB50L80ER25 *	1 ÷ 20	15.000	AD+B	80	42
BTB50L100E25 *				100	
BTB50L130ER25				130	
BTB50L160ER25				160	
BTB50L200ER25				200	
BTB50L80ER32 *	2 ÷ 22	15.000	AD+B	80	50
BTB50L100ER32 *				100	
BTB50L120ER32 *				120	
BTB50L160ER32 *				160	
BTB50L200ER32 *				200	
BTB50L250ER32	250				
BTB50L80ER40 *	3 ÷ 30	15.000	AD+B	80	63
BTB50L100ER40 *				100	
BTB50L130ER40				130	
BTB50L160ER40				160	
BTB50L200ER40				200	
BTB50L300ER40				300	
BTB50L100ER50	6 ÷ 34	15.000	AD+B	100	78
BTB50L120ER50				120	
BTB50L160ER50				160	

* "Face contact" + "D" (DBTB50L100ER16)



MAS/403BT

Porta pinzas ER tuerca MINI
Collet chucks ER MINI nut



100% contact

* G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT30

REFERENCIA	CAP	RPM	FORMA	L	B	A
BT30L55ER11M	1 ÷ 7	15.000	AD	55	16	16
BT30L60ER11M *				60		
BT30L80ER11M *				80		
BT30L100ER11M *				100		
BT30L130ER11M				130		
BT30L60ER16M *	1 ÷ 10	15.000	AD	60	22	22
BT30L120ER16M *				120		

* "Face contact" + "D" (DBT30L60ER11M)

BT40

REFERENCIA	CAP	RPM	FORMA	L	B	A
BTB40L100ER11M *	1 ÷ 7	15.000	AD+B	100	16	16
BTB40L125ER11M				125		
BTB40L150ER11M				150		
BTB40L100ER16M *	1 ÷ 10	15.000	AD+B	100	22	22
BTB40L125ER16M				125		
BTB40L150ER16M				150		
BTB40L100ER20M *	1 ÷ 14	15.000	AD+B	100	28	28
BTB40L135ER20M				135		
BTB40L150ER20M				150		
BTB40L100ER25M	1 ÷ 20	15.000	AD+B	100	35	35
BTB40L150ER25M				150		
BTB40L200ER25M				200		

* "Face contact" + "D" (DBTB40L100ER11M)

BT50

REFERENCIA	CAP	RPM	FORMA	L	B	A
BTB50L135ER16M *	1 ÷ 10	15.000	AD+B	135	22	22
BTB50L160ER16M				160		
BTB50L200ER16M				200		
BTB50L135ER20M *	1 ÷ 14	15.000	AD+B	135	28	28

* "Face contact" + "D" (DBTB50L135ER16M)

MAS/403BT

Porta pinzas extra corto
Short Collet chucks



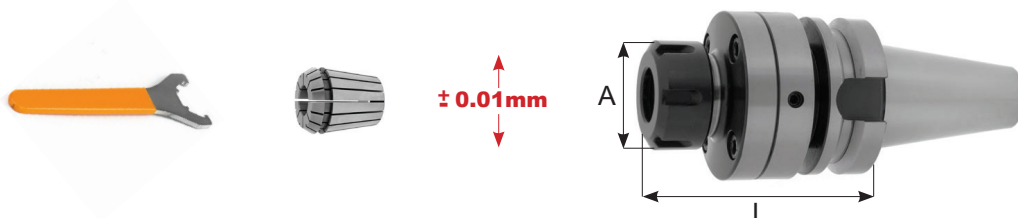
BT40 / BT50

REFERENCIA	CAP	RPM	FORMA	L	FIG
BT40L29ER32A	2 ÷ 22	15.000	AD	29	1
BTB40L50ER32A	2 ÷ 22	15.000	AD+B	50	2
BTB50L40ER32A	2 ÷ 22	15.000	AD+B	40	2

6

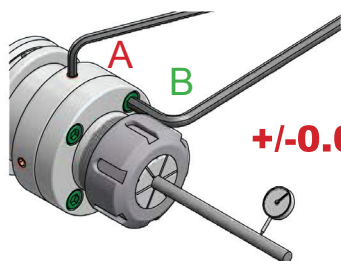
MAS/403BT

Porta pinzas ER regulación radial
Radial adjustable collet chucks



BT40 / BT50

REFERENCIA	CAP	FORMA	A	L
BTB40L93ER16RG	1 ÷ 10	AD+B	28	93
BTB40L95ER20RG	1 ÷ 14		34	95
BTB40L96ER25RG	1 ÷ 20		42	96
BTB40L97ER32RG	2 ÷ 22		50	97
BTB40L131ER40RG	3 ÷ 30		63	131
BTB50L103ER16RG	1 ÷ 10	AD+B	28	103
BTB50L105ER20RG	1 ÷ 14		34	105
BTB50L106ER25RG	1 ÷ 20		42	106
BTB50L107ER32RG	2 ÷ 22		50	107
BTB50L141ER40RG	3 ÷ 30		63	141



+/-0.01mm

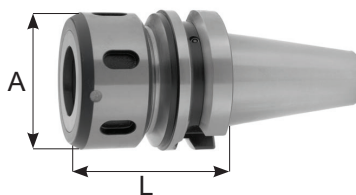
"Afloje los tornillos B y ajuste el centrado con los tornillos A"
"Loosen screws B and use screws A for radial adjustment"

MAS/403BT

Porta pinzas EOC DIN/6388 B
Collet chucks EOC DIN/6388 B



Coolant



BT30 / BT40 / BT50

REFERENCIA	CAP	RPM	FORMA	L	A
BT30L60EOC16	2 ÷ 16	12.000	AD	60	43
BT30L80EOC25	2 ÷ 25			80	60
BTB40L70EOC16	2 ÷ 16	12.000	AD+B	70	43
BTB40L70EOC25	2 ÷ 25			70	60
BTB40L90EOC32	3 ÷ 32			90	72
BTB50L85EOC25	2 ÷ 25	12.000	AD+B	85	60
BT50L90EOC32	3 ÷ 32		AD	90	72

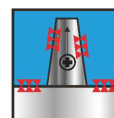
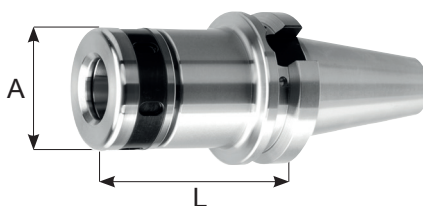
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MAS/403BT

Porta pinzas SKS
SKS - Collet chucks



Coolant



100% contact

* G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

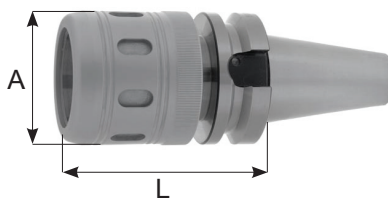
BT40 / BT50

REFERENCIA	CAP	RPM	FORMA	L	A
BT40L90SKS10 *	2 ÷ 10	25.000	AD+B	90	30
BT40L120SKS10	2 ÷ 10			120	30
BT40L90SKS16 *	3 ÷ 16			90	40
BT40L90SKS20 *	3 ÷ 20			90	48.5
BT40L120SKS20	3 ÷ 20			120	48.5
BT40L90SKS25 *	3 ÷ 25			90	55.1
BT50L105SKS10	2 ÷ 10	15.000	AD+B	105	30
BT50L165SKS10	2 ÷ 10			165	30
BT50L105SKS20	3 ÷ 20			105	48.5
BT50L165SKS20	3 ÷ 20			165	48.5

* "Face contact" + "D" (DBT40L90SKS10)

MAS/403BT

Porta pinzas gran apriete
Power milling chucks



Refrigeración
Interna
Coolant flow

BT30 / BT40 / BT50

REFERENCIA	CAP	RPM	FORMA	L	A
BT30L90FP20	3 ÷ 16	15.000	AD	90	46
BTB40L80FP20	3 ÷ 16	15.000	AD+B	80	46
BTB40L85FP32	3 ÷ 25			85	
BTB50L100FP20	3 ÷ 16	15.000	AD+B	100	46
BTB50L100FP32	3 ÷ 25			100	

6

Estuche porta pinzas Gran Apriete
Straight shank collet chuck kit



REFERENCIA	Capacidad
BBT30FP20	Pinza 4SR20 6 . 8 . 10 . 12 . 16
BBT40FP20	
BBT50FP20	
BBT40FP32	Pinza 4SR32 6 . 8 . 10 . 12 . 16 . 20 . 25
BBT50FP32	

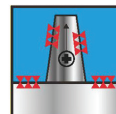
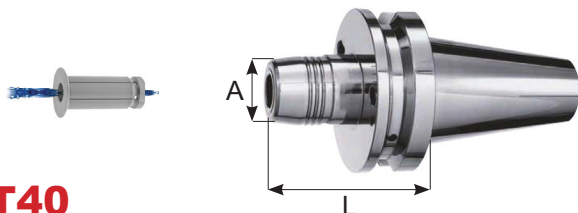


MAS/403BT

Porta herramientas hidráulico paso refrigerante
Hydraulic chucks with coolant feed



Coolant



100% contact

BT30 / BT40

6

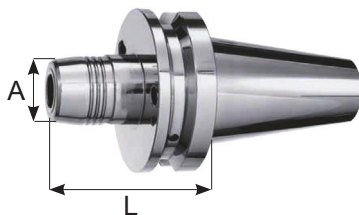
REFERENCIA	D	FORMA	L	A
BT30L60HD6 *	6	AD	60	26
BT30L64HD8 *	8	AD	64	28
BT30L64HD10 *	10	AD	64	30
BT30L72HD12 *	12	AD	72	32
BT30L70HD14 *	14	AD	70	34
BT30L90HD16 *	16	AD	90	38
BT30L90HD18 *	18	AD	90	40
BT30L90HD20 *	20	AD	90	42
BT30L110HD25 *	25	AD	110	50
BT40L90HD6 *	6	AD	90	26
BT40L150HD6	6	AD	150	26
BT40L200HD6	6	AD	200	26
BT40L90HD8 *	8	AD	90	28
BT40L150HD8	8	AD	150	28
BT40L200HD8	8	AD	200	28
BT40L90HD10 *	10	AD	90	30
BT40L150HD10	10	AD	150	30
BT40L200HD10	10	AD	200	30
BT40L90HD12 *	12	AD	90	32
BT40L150HD12	12	AD	150	32
BT40L200HD12	12	AD	200	32
BT40L90HD14 *	14	AD	90	34
BT40L150HD14	14	AD	150	34
BT40L200HD14	14	AD	200	34
BT40L90HD16 *	16	AD	90	38
BT40L150HD16	16	AD	150	38
BT40L200HD16	16	AD	200	38
BT40L90HD18 *	18	AD	90	40
BT40L150HD18	18	AD	150	40
BT40L200HD18	18	AD	200	40
BT40L90HD20 *	20	AD	90	42
BT40L150HD20	20	AD	150	42
BT40L200HD20	20	AD	200	42
BT40L90HD25 *	25	AD	90	50
BT40L150HD25	25	AD	150	50
BT40L200HD25	25	AD	200	50
BT40L110HD32 *	32	AD	110	60
BT40L150HD32	32	AD	150	60
BT40L200HD32	32	AD	200	60

AD+B (Sobre Pedido) AD+B (On request) * "Face contact" + "D" (DBT40L90HD6)

BT50 →

MAS/403BT

Porta herramientas hidráulico paso refrigerante
Hydraulic chucks with coolant feed



100%
contact

BT50

REFERENCIA	D	FORMA	L	A
BT50L110HD6 *	6	AD	110	26
BT50L160HD6	6	AD	160	26
BT50L110HD8 *	8	AD	110	28
BT50L160HD8	8	AD	160	28
BT50L110HD10 *	10	AD	110	30
BT50L160HD10	10	AD	160	30
BT50L110HD12 *	12	AD	110	32
BT50L160HD12	12	AD	160	32
BT50L110HD14 *	14	AD	110	34
BT50L160HD14	14	AD	160	34
BT50L110HD16 *	16	AD	110	38
BT50L160HD16	16	AD	160	38
BT50L110HD18 *	18	AD	110	40
BT50L160HD18	18	AD	160	40
BT50L110HD20 *	20	AD	110	42
BT50L160HD20	20	AD	160	42
BT50L110HD25 *	25	AD	110	50
BT50L160HD25	25	AD	160	50
BT50L110HD32 *	32	AD	110	60
BT50L160HD32	32	AD	160	60
BT50L130HD40 *	40	AD	130	60

AD+B (Sobre Pedido) AD+B (On request) * "Face contact" + "D" (DBT40L90HD6)



MAS/403BT

Mandrino porta brocas con llave de gancho
Drill chuck with hook wrench



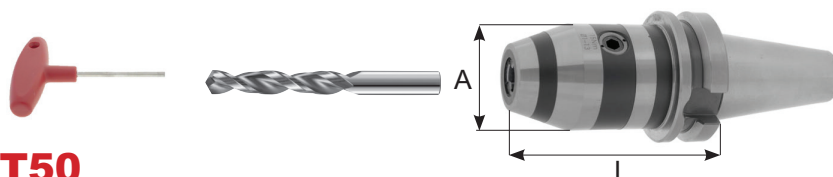
BT30 / BT40 / BT50

REFERENCIA	CAP	RPM	FORMA	L	A
BT30L100DCK13	1 ÷ 13	12.000	AD	100	50
BT40L95DCK13	1 ÷ 13			95	50
BT40L116DCK16	3 ÷ 16			116	57
BT50L110DCK13	1 ÷ 13			110	50
BT50L110DCK16	3 ÷ 16			110	57

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MAS/403BT

Mandrino porta brocas llave hexagonal con paso refrigerante
Hexagonal key look drill chucks with coolant through



BT40 / BT50

REFERENCIA	CAP	RPM	FORMA	L	A
BT30L110HD13	1 ÷ 13	12.000	AD	110	50
BTB40L98HD13	1 ÷ 13			98	50
BTB40L103HD16	3 ÷ 16			103	50
BTB50L109HD13	1 ÷ 13			109	50
BTB50L114HD16	3 ÷ 16			114	50

MAS/403BT

Mandrino porta brocas
Drill chuck Arbors



BT30 / BT40 / BT50

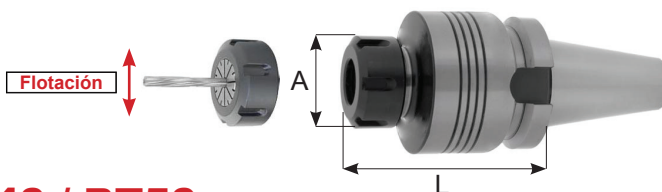
REFERENCIA	DIN	B	L
BT30L30B12	DIN/238	B12	30
BT30L30B16		B16	30
BT40L42B12		B12	42
BT40L42B16		B16	42
BT40L42B18		B18	42
BT50L45B16		B16	45
BT50L45B18		B18	45

MAS/403BT

Mandrino porta escariador flotante con paso refrigerante
 Floating reamer holder with coolant flow



Coolant



Refrigeración
 Interna
 Coolant flow

BT30 / BT40 / BT50

REFERENCIA	CAP	PINZA	FORMA	FLOT	L	A
BT30RM11	1 ÷ 7	ER11	AD	± 1 mm	75	9
BT30RM16	1 ÷ 10	ER16		± 1 mm	79	32
BT30RM20	1 ÷ 14	ER20		± 1 mm	80	35
BT30RM25	1 ÷ 20	ER25		± 1 mm	88	42
BT30RM32	2 ÷ 22	ER32		± 1.5 mm	93	50
BT30RM40	3 ÷ 30	ER40	± 1.5 mm	99	63	
BT40RM11	1 ÷ 7	ER11	AD	± 1 mm	75	9
BT40RM16	1 ÷ 10	ER16		± 1 mm	79	32
BT40RM20	1 ÷ 14	ER20		± 1 mm	85	35
BT40RM25	1 ÷ 20	ER25		± 1 mm	88	42
BT40RM32	2 ÷ 22	ER32		± 1.5 mm	93	50
BT40RM40	3 ÷ 30	ER40	± 1.5 mm	99	63	
BT50RM11	1 ÷ 7	ER11	AD	± 1 mm	84	9
BT50RM16	1 ÷ 10	ER16		± 1 mm	88	32
BT50RM20	1 ÷ 14	ER20		± 1 mm	94	35
BT50RM25	1 ÷ 20	ER25		± 1 mm	97	42
BT50RM32	2 ÷ 22	ER32		± 1.5 mm	102	50
BT50RM40	3 ÷ 30	ER40	± 1.5 mm	108	63	

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

Se garantiza una perfecta alineación entre la herramienta y la pieza a mecanizar.

Está 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.

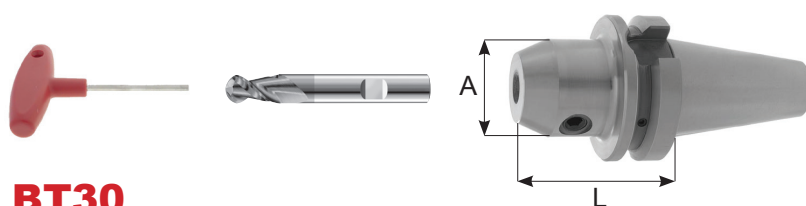
The floating of the reamer is easy adjustable.

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



MAS/403BT

Porta fresas weldon DIN 1835-B
End mill holders for DIN 1835-B



100% contact

* G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT30

REFERENCIA	D	RPM	FORMA	L	A
BT30L50WE6 *	6	15.000	AD	50	25
BT30L100WE6				100	
BT30L50WE8 *	8		AD	50	28
BT30L100WE8				100	
BT30L50WE10 *	10		AD	50	35
BT30L100WE10				100	
BT30L50WE12 *	12		AD	50	42
BT30L100WE12				100	
BT30L50WE14	14		AD	50	44
BT30L100WE14				100	
BT30L63WE16 *	16		AD	63	48
BT30L100WE16				100	
BT30L63WE18	18	AD	63	50	
BT30L100WE18			100		
BT30L63WE20 *	20	AD	63	52	
BT30L100WE20			100		

* "Face contact" + "D" (DBTB30L50WE12)

Whistle-Notch on request.

BT40

REFERENCIA	D	RPM	FORMA	H	A
BTB40L50WE6 *	6	15.000	AD+B	50	25
BTB40L100WE6				100	
BTB40L130WE6				130	
BTB40L160WE6				160	
BTB40L50WE8 *	8	15.000	AD+B	50	28
BTB40L100WE8				100	
BTB40L130WE8				130	
BTB40L160WE8				160	
BTB40L63WE10 *	10	15.000	AD+B	63	35
BTB40L100WE10				100	
BTB40L130WE10				130	
BTB40L160WE10				160	

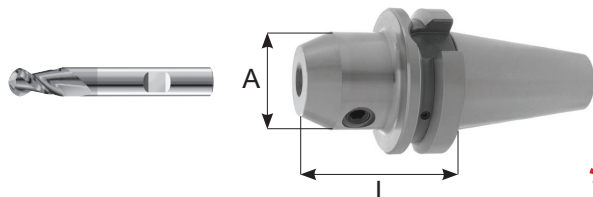
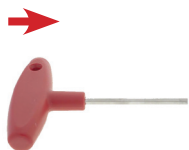
* "Face contact" + "D" (DBTB40L50WE6)

Whistle-Notch on request.

BT40 →

MAS/403BT

Porta fresas weldon DIN 1835-B
End mill holders for DIN 1835-B



100% contact

* G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT40

REFERENCIA	D	RPM	FORMA	L	A
BTB40L63WE12 *	12	15.000	AD+B	63	42
BTB40L100WE12				100	
BTB40L130WE12				130	
BTB40L160WE12				160	
BTB40L63WE14	14	15.000	AD+B	63	44
BTB40L100WE14				100	
BTB40L130WE14				130	
BTB40L160WE14				160	
BTB40L63WE16 *	16	15.000	AD+B	63	48
BTB40L100WE16				100	
BTB40L130WE16				130	
BTB40L160WE16				160	
BTB40L63WE18 *	18	15.000	AD+B	63	50
BTB40L100WE18				100	
BTB40L130WE18				130	
BTB40L160WE18				160	
BTB40L63WE20 *	20	15.000	AD+B	63	52
BTB40L100WE20				100	
BTB40L130WE20				130	
BTB40L160WE20				160	
BTB40L90WE25 *	25	15.000	AD+B	90	65
BTB40L130WE25				130	
BTB40L160WE25				160	
BTB40L100WE32 *	32	15.000	AD+B	100	72
BTB40L130WE32				130	
BTB40L160WE32				160	
BTB40L120WE40	40	15.000	AD+B	120	80

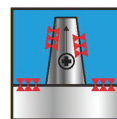
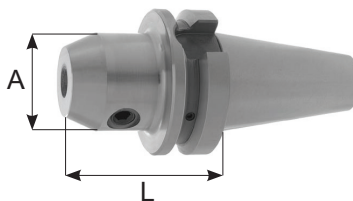
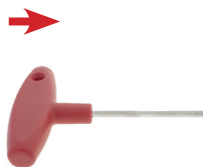
* "Face contact" + "D" (DBTB40L63WE12)

Whistle-Notch on request.

BT50 →

MAS/403BT

Porta fresas weldon DIN 1835-B
End mill holders for DIN 1835-B



100% contact

*

G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT50

6

REFERENCIA	D	RPM	FORMA	L	A
BTB50L63WE6 *	6	15.000	AD+B	63	25
BTB50L100WE6				100	
BTB50L130WE6				130	
BTB50L160WE6				160	
BTB50L200WE6				200	
BTB50L63WE8 *	8	15.000	AD+B	63	28
BTB50L100WE8				100	
BTB50L130WE8				130	
BTB50L160WE8				160	
BTB50L200WE8				200	
BTB50L63WE10 *	10	15.000	AD+B	63	35
BTB50L100WE10				100	
BTB50L130WE10				130	
BTB50L160WE10				160	
BTB50L200WE10				200	
BTB50L80WE12 *	12	15.000	AD+B	80	42
BTB50L100WE12				100	
BTB50L130WE12				130	
BTB50L160WE12				160	
BTB50L200WE12				200	
BTB50L80WE14	14	15.000	AD+B	80	44
BTB50L100WE14				100	
BTB50L130WE14				130	
BTB50L160WE14				160	
BTB50L200WE14				200	
BTB50L80WE16 *	16	15.000	AD+B	80	48
BTB50L100WE16				100	
BTB50L130WE16				130	
BTB50L160WE16				160	
BTB50L200WE16				200	

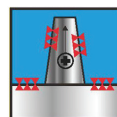
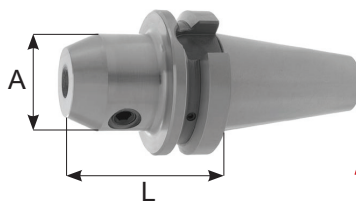
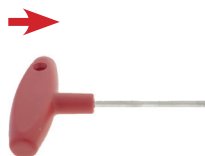
* "Face contact" + "D" (DBTB50L63WE6)

Whistle-Notch on request.

BT50 →

MAS/403BT

Porta fresas weldon DIN 1835-B
End mill holders for DIN 1835-B



100% contact

*

G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT50

REFERENCIA	D	RPM	FORMA	L	A
BTB50L80WE18	18	15.000	AD+B	80	50
BTB50L100WE18				100	
BTB50L130WE18				130	
BTB50L160WE18				160	
BTB50L200WE18				200	
BTB50L80WE20 *	20	15.000	AD+B	80	52
BTB50L100WE20				100	
BTB50L130WE20				130	
BTB50L160WE20				160	
BTB50L200WE20				200	
BTB50L100WE25 *	25	15.000	AD+B	100	65
BTB50L130WE25				130	
BTB50L160WE25				160	
BTB50L200WE25				200	
BTB50L105WE32 *	32	15.000	AD+B	105	72
BTB50L130WE32				130	
BTB50L160WE32				160	
BTB50L200WE32				200	
BTB50L120WE40 *	40	15.000	AD+B	120	80
BTB50L160WE40				160	
BTB50L200WE40				200	
BTB50L125WE50 *	50	15.000	AD+B	125	90

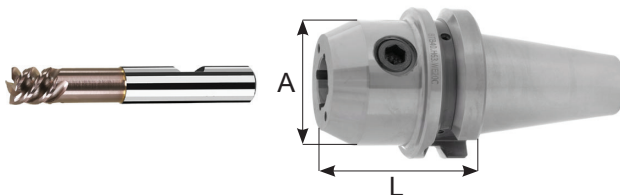
* "Face contact" + "D" (DBTB50L80WE20)

Whistle-Notch on request.



MAS/403BT

Porta fresas weldon con canal de refrigeración
End mill holders with coolant channels



6

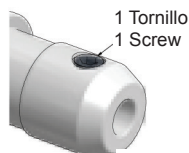
BT40

REFERENCIA	D	RPM	FORMA	L	A
BTB40L65WE6C	6	15.000	AD+B	65	25
BTB40L65WE8C	8			65	28
BTB40L65WE10C	10			65	35
BTB40L65WE12C	12			65	42
BTB40L65WE14C	14			65	44
BTB40L65WE16C	16			65	48
BTB40L65WE18C	18			65	50
BTB40L65WE20C	20			65	52
BTB40L100WE25C	25			100	65
BTB40L100WE32C	32			100	72

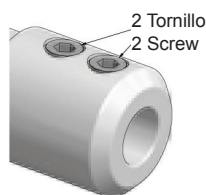
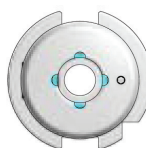
BT50

REFERENCIA	D	RPM	FORMA	L	A
BTB50L80WE6C	6	15.000	AD+B	80	25
BTB50L80WE8C	8			80	28
BTB50L80WE10C	10			80	35
BTB50L80WE12C	12			80	42
BTB50L80WE14C	14			80	44
BTB50L80WE16C	16			80	48
BTB50L80WE18C	18			80	50
BTB50L80WE20C	20			80	52
BTB50L100WE25C	25			100	65
BTB50L105WE32C	32			105	72
BTB50L120WE40C	40	120	90		

WE6 ÷ WE14



WE16 ÷ WE40



MAS/403BT

Porta fresas weldon extra corto DIN 1835-B
Short type end mill holders for DIN 1835-B shanks



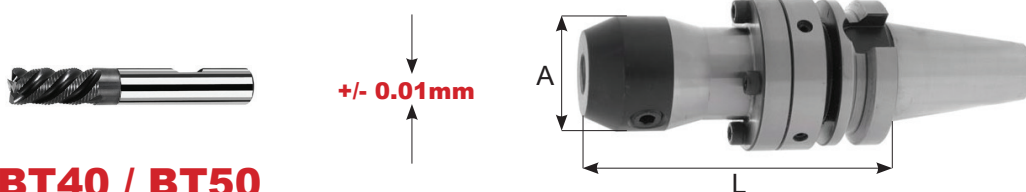
BT30 / BT40 / BT50

REFERENCIA	D	RPM	FORMA	L	A
BT30L32WE6	6	15.000	AD	32	25
BT30L32WE8	8			32	28
BT30L32WE10	10			32	32
BT30L32WE12	12			32	32
BT30L35WE16	16			35	32
BT30L35WE20	20			35	36
BT30L35WE25	25	15.000	AD+B	35	52
BTB40L35WE16	16			35	44
BTB40L35WE20	20			35	44
BTB40L35WE25	25			35	44
BTB40L60WE25	25			60	50
BTB40L40WE32	32			40	50
BTB40L70WE32	32	15.000	AD+B	70	72
BTB50L44WE16	16			44	70
BTB50L44WE20	20			44	70
BTB50L44WE25	25			44	70
BTB50L44WE32	32			44	70
BTB50L44WE40	40			44	80

6

MAS/403BT

Porta fresas weldon regulación radial
Radial adjustable end mill holders



BT40 / BT50

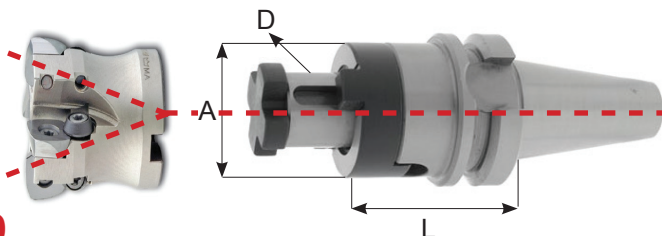
REFERENCIA	D	FORMA	L	A
BTB40L100WE6RG	6	AD+B	100	25
BTB40L100WE8RG	8		100	28
BTB40L100WE10RG	10		100	35
BTB40L110WE12RG	12		110	42
BTB40L130WE16RG	16		130	48
BTB40L130WE18RG	18		130	50
BTB40L135WE20RG	20	AD+B	135	52
BTB50L120WE12RG	12		120	42
BTB50L140WE16RG	16		140	48
BTB50L140WE18RG	18		140	50
BTB50L145WE20RG	20		145	52

MAS/403BT

Porta fresas combinado con canal de refrigeración
Combi shell end mill holders with coolant channels



Coolant



BT30 / BT40

6

REFERENCIA	D	RPM	FORMA	L	A
BT30L50D13C	13	15.000	AD	50	28
BT30L43D16C	16			43	32
BT30L50D22C	22			50	40
BT30L50D27C	27			50	48
BT30L57D32C	32			57	58
BT40L100D13C	13	15.000	AD	100	28
BTB40L55D16C	16		AD+B	55	32
BTB40L100D16C				100	32
BTB40L130D16C				130	32
BTB40L160D16C				160	32
BTB40L200D16C		200		32	
BTB40L55D22C	22	15.000	AD+B	55	40
BTB40L100D22C				100	40
BTB40L130D22C				130	40
BTB40L160D22C				160	40
BTB40L200D22C				200	40
BTB40L55D27C	27	15.000	AD+B	55	48
BTB40L100D27C				100	48
BTB40L130D27C				130	48
BTB40L160D27C				160	48
BTB40L200D27C				200	48
BTB40L60D32C	32	15.000	AD+B	60	58
BTB40L100D32C				100	58
BTB40L130D32C				130	58
BTB40L160D32C				160	58
BTB40L200D32C				200	58
BTB40L60D40C	40	15.000	AD+B	60	70
BTB40L100D40C				100	70
BTB40L130D40C				130	70
BTB40L160D40C				160	70
BTB40L200D40C				200	70

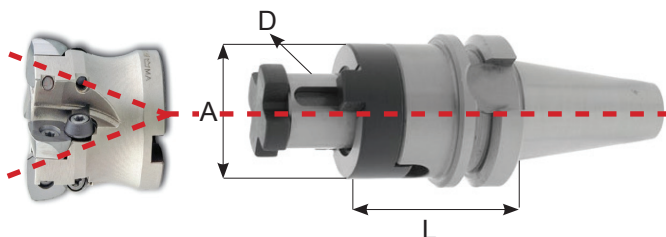
BT50 →

MAS/403BT



Coolant

Porta fresas combinado con canal de refrigeración
Combi shell end mill holders with coolant channels



BT50

REFERENCIA	D	RPM	FORMA	L	A
BTB50L70D16C	16	15.000	AD+B	70	32
BTB50L100D16C				100	32
BTB50L130D16C				130	32
BTB50L160D16C				160	32
BTB50L200D16C				200	32
BTB50L70D22C	22	15.000	AD+B	70	40
BTB50L100D22C				100	40
BTB50L130D22C				130	40
BTB50L160D22C				160	40
BTB50L200D22C				200	40
BTB50L70D27C	27	15.000	AD+B	70	48
BTB50L100D27C				100	48
BTB50L130D27C				130	48
BTB50L160D27C				160	48
BTB50L200D27C				200	48
BTB50L70D32C	32	15.000	AD+B	70	58
BTB50L100D32C				100	58
BTB50L130D32C				130	58
BTB50L160D32C				160	58
BTB50L200D32C				200	58
BTB50L70D40C	40	15.000	AD+B	70	70
BTB50L100D40C				100	70
BTB50L130D40C				130	70
BTB50L160D40C				160	70
BTB50L200D40C				200	70

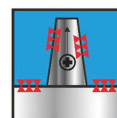
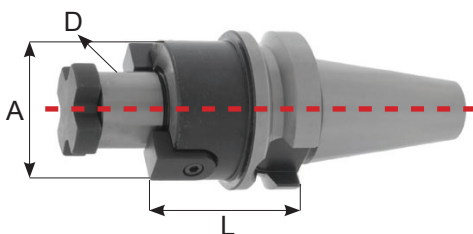


MAS/403BT



Coolant

Porta fresas fijo con canal de refrigeración
Shell end mill holders with coolant channels



100% contact

* G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT30 / BT40

6

REFERENCIA	D	RPM	FORMA	L	A
BT30L43D16S *	16	15.000	AD	43	32
BT30L43D22S *				43	40
BT30L50D27S *				50	50
BT30L45D32S *				45	58
BTB40L35D16S	16	15.000	AD+B	35	38
BTB40L45D16S *				45	38
BTB40L100D16S				100	38
BTB40L130D16S				130	38
BTB40L160D16S				160	38
BTB40L200D16S				200	38
BTB40L35D22S	22	15.000	AD+B	35	48
BTB40L45D22S *				45	48
BTB40L100D22S				100	48
BTB40L130D22S				130	48
BTB40L160D22S				160	48
BTB40L200D22S				200	48
BTB40L35D27S	27	15.000	AD+B	35	58
BTB40L45D27S *				45	58
BTB40L100D27S				100	58
BTB40L130D27S				130	58
BTB40L160D27S				160	58
BTB40L200D27S				200	58
BTB40L50D32S	32	15.000	AD+B	50	78
BTB40L56D32S *				56	63
BTB40L100D32S				100	63
BTB40L130D32S				130	63
BTB40L160D32S				160	63
BTB40L200D32S				200	63
BTB40L50D40S	40	15.000	AD+B	50	88
BTB40L60D40S *				60	80
BTB40L100D40S				100	80
BTB40L130D40S				130	80
BTB40L160D40S				160	80
BTB40L200D40S				200	80

* "Face contact" + "D" (DBTB40L45D22S)

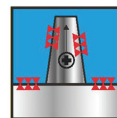
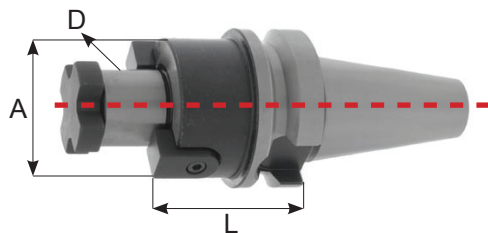
BT50 →

MAS/403BT

Porta fresas fijo con canal de refrigeración
Shell end mill holders with coolant channels



Coolant



100% contact

*

G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT50

REFERENCIA	D	RPM	FORMA	L	A
BTB50L50D16S *	16	15.000	AD+B	50	38
BTB50L75D16S				75	38
BTB50L100D16S				100	38
BTB50L130D16S				130	38
BTB50L160D16S				160	38
BTB50L200D16S				200	38
BTB50L250D16S				250	38
BTB50L300D16S				300	38
BTB50L350D16S				350	38
BTB50L55D22S *	22	15.000	AD+B	55	48
BTB50L75D22S				75	48
BTB50L100D22S				100	48
BTB50L130D22S				130	48
BTB50L160D22S				160	48
BTB50L200D22S				200	48
BTB50L250D22S				250	48
BTB50L300D22S				300	48
BTB50L350D22S				350	48
BTB50L55D27S *	27	15.000	AD+B	55	58
BTB50L75D27S				75	58
BTB50L100D27S				100	58
BTB50L130D27S				130	58
BTB50L160D27S				160	58
BTB50L200D27S				200	58
BTB50L250D27S				250	58
BTB50L300D27S				300	58
BTB50L350D27S				350	58
BTB50L55D32S *	32	15.000	AD+B	55	78
BTB50L75D32S				75	78
BTB50L100D32S				100	78
BTB50L130D32S				130	78
BTB50L160D32S				160	78
BTB50L200D32S				200	78
BTB50L250D32S				250	78
BTB50L300D32S				300	78
BTB50L350D32S				350	78

6

* "Face contact" + "D" (DBTB50L50D16S)

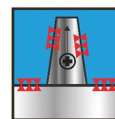
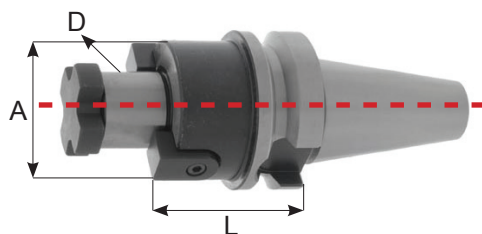
BT50 →

MAS/403BT

Porta fresas fijo con canal de refrigeración
Shell end mill holders with coolant channels



Coolant



100% contact

*

G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT50

6

REFERENCIA	D	RPM	FORMA	L	A
BTB50L55D40S *	40	15.000	AD+B	55	88
BTB50L75D40S				75	88
BTB50L100D40S				100	88
BTB50L130D40S				130	88
BTB50L160D40S				160	88
BTB50L200D40S				200	88

* "Face contact" + "D" (DBTB50L55D40S)



MAS/403BT

Porta fresas fijo antivibratorio conicidad DIN/138
 Antivibratory shell mill adaptors DIN/138



BT40

ANTIVIBRATORIO

REFERENCIA	D	L	A	B
BT40L150D16AV	16	150	38	50
BT40L200D16AV		200		
BT40L250D16AV		250		
BT40L300D16AV		300		
BT40L150D22AV	22	150	48	50
BT40L200D22AV		200		
BT40L250D22AV		250		
BT40L300D22AV		300		

BT50

REFERENCIA	D	L	A	B
BT50L150D16AV	16	150	38	80
BT50L200D16AV		200		
BT50L250D16AV		250		
BT50L300D16AV		300		
BT50L400D16AV		400		
BT50L200D22AV	22	200	48	80
BT50L250D22AV		250		
BT50L300D22AV		300		
BT50L400D22AV		400		
BT50L500D22AV		500		
BT50L200D27AV	27	200	58	80
BT50L250D27AV		250		
BT50L300D27AV		300		
BT50L400D27AV		400		
BT50L500D27AV		500		

Especial para moldistas y troquelistas, reduce las vibraciones en un 60% comparandolo con un porta standard.
 Special for mould and die makers, vibration reduced up to 60% compared to any other conventional shell mill adaptor.

6

MAS/403BT

Porta fresas fijo antivibratorio DIN/138
Antivibratory shell mill adaptors DIN/138



BT40

ANTIVIBRATORIO

REFERENCIA	D	L	A
BT40L150D16AV-38	16	150	38
BT40L200D16AV-38		200	
BT40L250D16AV-38		250	
BT40L300D16AV-38		300	
BT40L150D22AV-48	22	150	48
BT40L200D22AV-48		200	
BT40L250D22AV-48		250	
BT40L300D22AV-48		300	
BT40L150D27AV-58	27	150	54
BT40L200D27AV-58		200	
BT40L250D27AV-58		250	
BT40L300D27AV-58		300	

BT50

REFERENCIA	D	L	A
BT50L150D16AV-38	16	150	38
BT50L200D16AV-38		200	
BT50L250D16AV-38		250	
BT50L300D16AV-38		300	
BT50L400D16AV-38		400	
BT50L200D22AV-48	22	200	48
BT50L250D22AV-48		250	
BT50L300D22AV-48		300	
BT50L400D22AV-48		400	
BT50L500D22AV-48		500	
BT50L200D22AV-58	22	200	58
BT50L250D22AV-58		250	
BT50L300D22AV-58		300	
BT50L400D22AV-58		400	
BT50L500D22AV-58		500	

Especial para moldistas y troquelistas, reduce las vibraciones en un 60% comparandolo con un porta standard.

Special for mould and die makers, vibration reduced up to 60% compared to any other conventional shell mill adaptor.

BT50 →

MAS/403BT



Porta fresas fijo antivibratorio DIN/138
 Antivibratory shell mill adaptors DIN/138

BT50

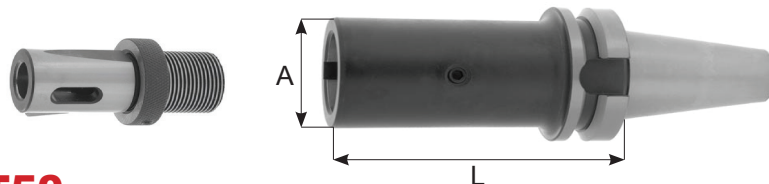
ANTIVIBRATORIO

REFERENCIA	D	L	A
BT50L200D27AV-58	27	200	60
BT50L250D27AV-58		250	
BT50L300D27AV-58		300	
BT50L400D27AV-58		400	
BT50L500D27AV-58		500	
BT50L200D32AV-78	32	200	76
BT50L250D32AV-78		250	
BT50L300D32AV-78		300	
BT50L400D32AV-78		400	
BT50L500D32AV-78		500	

Especial para moldistas y troquelistas, reduce las vibraciones en un 60% comparandolo con un porta standard.
 Special for mould and die makers, vibration reduced up to 60% compared to any other conventional shell mill adaptor.

MAS/403BT

Porta herramientas para mango roscado DIN/6327
 Holders for adjustable adapters DIN/6327

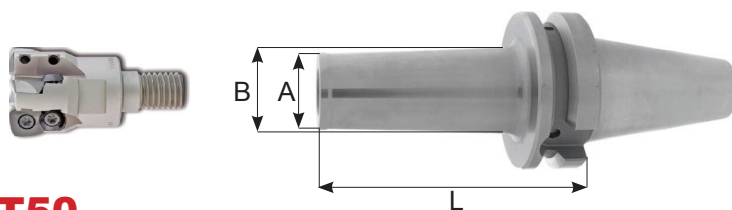


BT40 / BT50

REFERENCIA	TR	L	A
BT40L75TR16	16	75	25
BT40L80TR20	20	80	32
BT40L100TR28	28	100	40
BT40L115TR36	36	115	50
BT50L85TR16	16	85	25
BT50L85TR20	20	85	32
BT50L100TR28	28	100	40
BT50L100TR36	36	100	50
BT50L105TR48	48	105	67

MAS/403BT

Porta herramientas para fresa roscada
Tool holder for screwed milling cutters



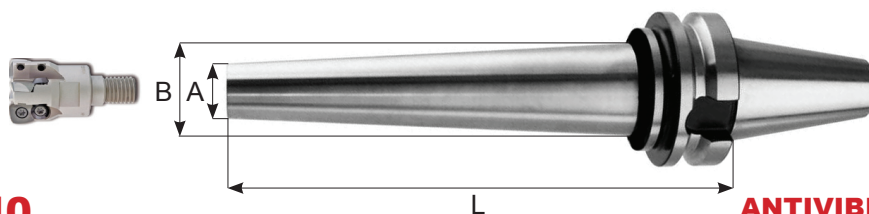
BT40 / BT50

6

REFERENCIA	M	RPM	FORMA	L	A	B
BTB40L52M6CPY	M6	25.000	AD+B	52	10	13
BTB40L77M6CPY				77		20
BTB40L102M6CPY				102		23
BTB40L63M8CPY	M8	25.000	AD+B	63	13	15
BTB40L83M8CPY				83		23
BTB40L103M8CPY				103		23
BTB40L123M8CPY				123		25
BTB40L63M10CPY	M10	25.000	AD+B	63	18	20
BTB40L83M10CPY				83		25
BTB40L103M10CPY				103		28
BTB40L123M10CPY				123		28
BTB40L63M12CPY	M12	25.000	AD+B	63	21	24
BTB40L83M12CPY				83		24
BTB40L103M12CPY				103		31
BTB40L123M12CPY				123		31
BTB40L63M16CPY	M16	25.000	AD+B	63	29	34
BTB40L83M16CPY				83		34
BTB40L103M16CPY				103		34
BTB40L123M16CPY				123		39
BTB40L153M16CPY				153		39
BT50L88M8CPY	M8	25.000	AD	88	13	23
BT50L138M8CPY				138		25
BT50L188M8CPY				188		30
BT50L88M10CPY	M10	25.000	AD	88	18	23
BT50L138M10CPY				138		32
BT50L188M10CPY				188		36.5
BT50L88M12CPY	M12	25.000	AD	88	21	24
BT50L138M12CPY				138		33
BT50L188M12CPY				188		40
BT50L88M16CPY	M16	25.000	AD	88	29	34
BT50L138M16CPY				138		36
BT50L188M16CPY				188		42.5

MAS/403BT

Porta herramientas para fresa roscada antivibratorio
 Antivibratory for frontal end mills support screwed shanks



BT40

ANTIVIBRATORIO

REFERENCIA	M	L	A	B
BT40L200M10AV	M10	200	18	35
BT40L250M10AV		250		40
BT40L300M10AV		300		45
BT40L200M12AV	M12	200	21	38
BT40L250M12AV		250		43
BT40L300M12AV		300		44
BT40L200M16AV	M16	200	29	43
BT40L250M16AV		250		44
BT40L300M16AV		300		47

BT50

REFERENCIA	M	L	A	B
BT50L250M12AV	M12	250	21	42
BT50L300M12AV		300		47
BT50L400M12AV		400		57
BT50L300M16AV	M16	300	29	55
BT50L400M16AV		400		65
BT50L500M16AV		500		76

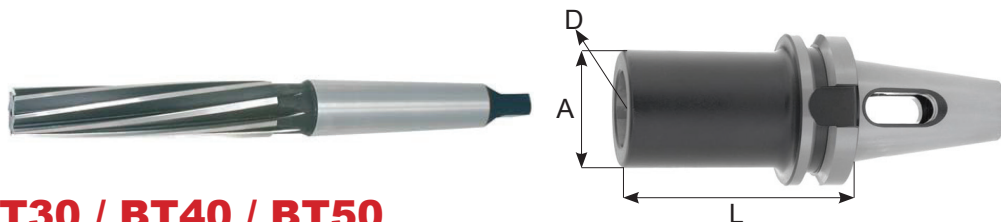
Especial para moldistas y troquelistas, reduce las vibraciones en un 60% comparandolo con un porta standard.

Special for mould and die makers, vibration reduced up to 60% compared to any other conventional shell mill adaptor.



MAS/403BT

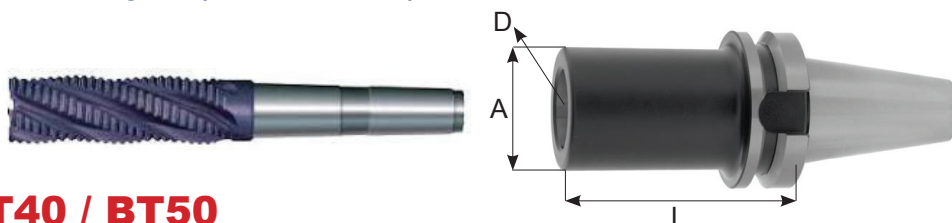
Reductor cono morse DIN/228-B
Morse taper adapters DIN/228-B



BT30 / BT40 / BT50

REFERENCIA	D	RPM	FORMA	L	A
BT30L45CM1P	CM1	15.000	AD	45	25
BT30L60CM2P	CM2			60	32
BT30L75CM3P	CM3			75	40
BT40L50CM1P	CM1	15.000	AD	50	25
BT40L50CM2P	CM2			50	32
BT40L70CM3P	CM3			70	40
BT40L95CM4P	CM4			95	48
BT50L45CM1P	CM1	15.000	AD	45	25
BT50L60CM2P	CM2			60	32
BT50L65CM3P	CM3			65	40
BT50L95CM4P	CM4			95	48
BT50L105CM5P	CM5			105	63

Reductor cono morse DIN/228-A con tornillo tirante
Reducing adaptors morse taper shank and drawbar thread DIN/228-A

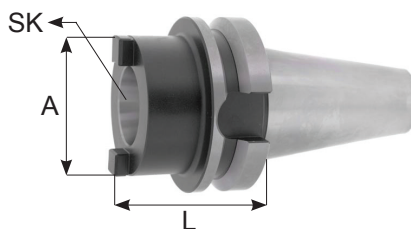


BT40 / BT50

REFERENCIA	D	RPM	FORMA	L	A
BT40L50CM1F	CM1	15.000	AD	50	25
BT40L50CM2F	CM2			50	32
BT40L70CM3F	CM3			70	40
BT40L95CM4F	CM4			95	48
BT40L110CM4F	CM4			110	48
BT50L45CM1F	CM1	15.000	AD	45	25
BT50L60CM2F	CM2			60	32
BT50L65CM3F	CM3			65	40
BT50L70CM4F	CM4			70	48
BT50L85CM4F	CM4			85	48
BT50L100CM5F	CM5			100	63
BT50L118CM5F	CM5			118	63

MAS/403BT

Reductor BT a ISO DIN/2080 - DIN/69871- BT
Reducing adaptors BT a ISO DIN/2080 - DIN/698871 - BT



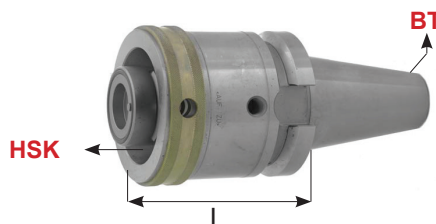
BT40 / BT50

REFERENCIA	ISO	FORMA	L	A
BT40L60TB30	TC30/BT30	AD	60	50
BT40L95TB40	TC40/BT40		95	70
BT40L60ISO30	ISO30	AD	60	50
BT40L95ISO40	ISO40		95	70
BT50L70TB40	TC40/BT40	AD	70	70
BT50L130TB50	TC50/BT50		130	90
BT50L70ISO40	ISO40	AD	70	70
BT50L130ISO50	ISO50		130	90

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MAS/403BT

Cono reductor de BT a HSK - A/C
Adapters from BT shank to HSK - A/C

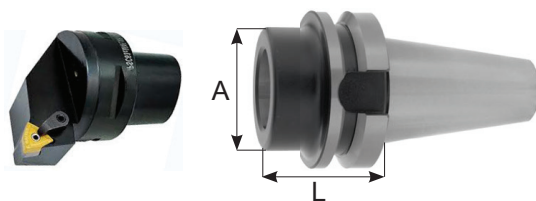


BT30 / BT40 / BT50

REFERENCIA	CONO	FORMA	REDUCTOR	L
BT30L50HSK32AC	BT30	AD	HSK32A/C	50
BT30L60HSK40AC			HSK40A/C	60
BT30L75HSK50AC			HSK50A/C	75
BT40L70HSK32AC	BT40	AD	HSK32A/C	70
BT40L80HSK40AC			HSK40A/C	80
BT40L80HSK50AC			HSK50A/C	80
BT40L80HSK63AC			HSK63A/C	90
BT40L100HSK80AC			HSK80A/C	100
BT50L70HSK32AC	BT50	AD	HSK32A/C	70
BT50L70HSK40AC			HSK40A/C	70
BT50L80HSK50AC			HSK50A/C	80
BT50L100HSK63AC			HSK63A/C	100
BT50L110HSK80AC			HSK80A/C	110
BT50L110HSK100AC			HSK100A/C	110
BT50L140HSK125AC			HSK125A/C	140

MAS/403BT

Cono reductor de BT a PSC - ISO 26623-1
Adapters from BT shank to PSC - ISO 26623-1



PSC-ECA ISO 26623-1

BT-C3

REFERENCIA	CONO	REDUCTOR	FORMA	L	A
BTB30L30C3	BT30	PSC-C3	AD+B	30	32
BTB30L60C3	BT30	PSC-C3		60	32
BTB40L30C3	BT40	PSC-C3		30	32
BTB40L60C3	BT40	PSC-C3		60	32
BTB50L40C3	BT50	PSC-C3		40	32
BTB50L70C3	BT50	PSC-C3		70	32

BT-C4

REFERENCIA	CONO	REDUCTOR	FORMA	L	A
BTB40L30C4	BT40	PSC-C4	AD+B	30	40
BTB40L60C4	BT40	PSC-C4		60	40
BTB50L40C4	BT50	PSC-C4		40	40
BTB50L70C4	BT50	PSC-C4		70	40

BT-C5

REFERENCIA	CONO	REDUCTOR	FORMA	L	A
BTB40L30C5	BT40	PSC-C5	AD+B	30	50
BTB40L70C5	BT40	PSC-C5		70	50
BTB50L40C5	BT50	PSC-C5		40	50
BTB50L80C5	BT50	PSC-C5		80	50

BT-C6

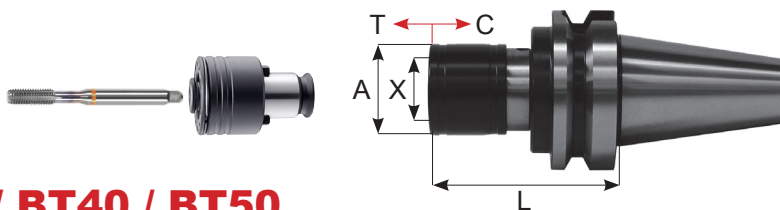
REFERENCIA	CONO	REDUCTOR	FORMA	L	A
BTB40L75C6	BT40	PSC-C6	AD+B	75	63
BTB50L40C6	BT50	PSC-C6		40	63
BTB50L90C6	BT50	PSC-C6		90	63

BT-C8

REFERENCIA	CONO	REDUCTOR	FORMA	L	A
BTB50L70C8	BT50	PSC-C8	AD+B	70	80
BTB50L120C8	BT50	PSC-C8		120	80

MAS/403BT

Rosgador con compresión y tracción
Tension and compression tap holders



BT30 / BT40 / BT50

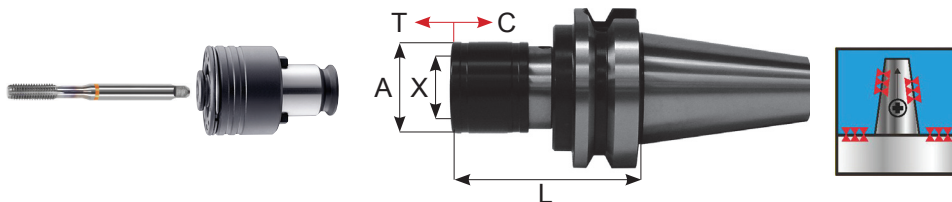
REFERENCIA	CAP	X	A	L	C	T
BT30-THTC0-L59	M 1 ÷ M10	13	26	59.5	6.5	6.5
BT40-THTC0-L62				62.5		
BT50-THTC0-L71				71.5		
BT30-THTC1-L64	M 3 ÷ M18	19	36	64	7.5	7.5
BT40-THTC1-L67				67.5		
BT50-THTC1-L77				77		
BT30-THTC2-L98	M 8 ÷ M30	31	53	98	12.5	12.5
BT40-THTC2-L94				94.5		
BT50-THTC2-L102				102.5		
BT40-THTC3-L164	M14 ÷ M48	48	78	164.5	20.0	20.0
BT50-THTC3-L142				142.5		
BT50-THTC4-L164	M22 ÷ M60	60	96	164.5	22.5	22.5

BT45 (Sobre Pedido) / BT45 (On request)

6

MAS/403BT

Rosgador con compresión y tracción Doble Contacto BBT
Quick change tapping chucks - Double Contact BBT



DBT30 / DBT40 / DBT50

REFERENCIA	CAP	X	A	L	C	T
DBT30-THTC1-L64	M 3 ÷ M12	19	36	64.0	7.5	7.5
DBT40-THTC1-L67				67.5		
DBT50-THTC1-L77				77.0		
DBT40-THTC2-L94	M 8 ÷ M20	31	53	94.5	12.5	12.5
DBT50-THTC2-L102				102.5		
DBT40-THTC3-L164				164.5		
DBT50-THTC3-L142	M14 ÷ M33	48	78	142.5	20.0	20.0
DBT40-THTC4-L180				180.0		
DBT50-THTC4-L164	M22 ÷ M48	60	96	164.5	22.5	22.5

(Sobre Pedido) / (On request)

MAS/403BT

Roscador con compresión y tracción con paso refrigerante
Tension and compression tap holders with coolant thru



Coolant

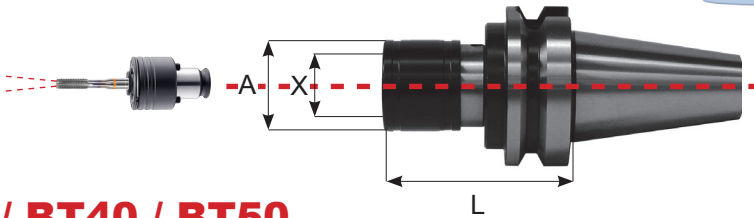
SES

Refrigeración Central

SYNCHRO

Max. 50 BAR

Refrigeración Interna
Coolant flow



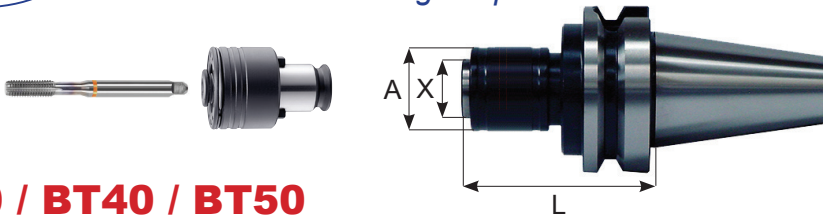
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BT30 / BT40 / BT50

REFERENCE	CAP	X	A	L	MODELO
BT30-THTC0-L62C	M 1 ÷ M10	13	26	62.5	SYNCHRO
BT40-THTC0-L62C				62.5	
BT50-THTC0-L71C				71.5	
BT30-THTC1-L81C	M 3 ÷ M12	19	36	81	SYNCHRO
BT40-THTC1-L81C				81	
BT50-THTC1-L90C				90	
BT30-THTC2-L109C	M 8 ÷ M20	31	53	151.5	SYNCHRO
BT40-THTC2-L109C				109	
BT50-THTC2-L118C				118	
BT40-THTC3-L142C	M14 ÷ M33	48	78	142.5	SYNCHRO
BT50-THTC3-L151C				151.5	

MAS/403BT

Roscador Rígido
Rigid tap holders



BT30 / BT40 / BT50

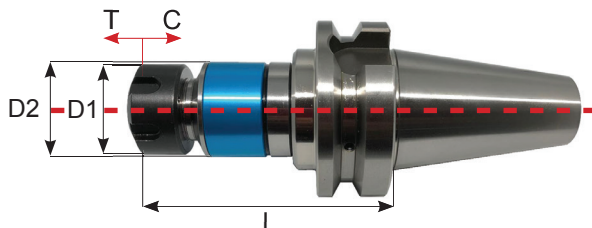
REFERENCE	CAP	X	A	L
BT30-TLR0-L65	M 1 ÷ M10	13	26	65
BT40-TLR0-L65				65
BT30-TLR1-L72	M 3 ÷ M12	19	36	72
BT40-TLR1-L72				72
BT50-TLR1-L81				81
BT40-TLR2-L91	M 8 ÷ M20	31	53	91
BT50-TLR2-L100				100
BT40-TLR3-L123	M14 ÷ M33	48	78	123
BT50-TLR3-L127				127
BT40-TLR4-L146	M22 ÷ M48	60	95	146
BT50-TLR4-L150				150

MAS/403BT

Roscador Synchro con compresión y tracción
con paso refrigerante
Synchro - Tension / Compression Tap Hoders collet ER
coolant flow

SYNCHRO

Max. 50 BAR



Refrigeración
Interna
Coolant flow

Coolant flow

(A)



(B)

Standard

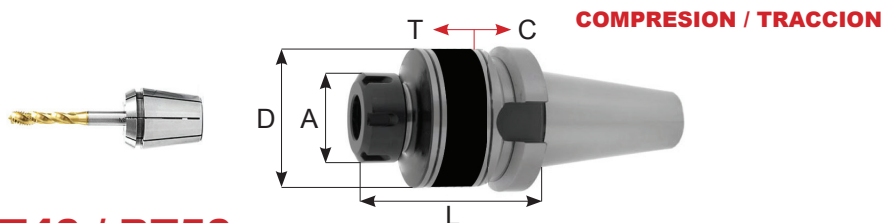


BT30 / BT40 / BT50

REFERENCE	CAP	PINZA	D1	D2	L	C	T	MODELO
BT30L95SYER16M	3 ÷ 8	ER16	22	34	95			
BT30L95SYER16	3 ÷ 8	ER16	32	34	95			
BT30L96SYER20	3 ÷ 16	ER20	35	34	96	0.5	0.5	SYNCHRO
BT30L100SYER25	3 ÷ 20	ER25	42	45	100			
BT30L122SYER32	3 ÷ 27	ER32	50	45	122			
BT40L95SYER16M	3 ÷ 8	ER16	22	34	95			
BT40L95SYER16	3 ÷ 8	ER16	32	34	95			
BT40L96SYER20	3 ÷ 16	ER20	35	34	96	0.5	0.5	SYNCHRO
BT40L100SYER25	3 ÷ 20	ER25	42	45	100			
BT40L122SYER32	3 ÷ 27	ER32	50	45	122			
BT40L152SYER40	3 ÷ 27	ER40	63	62	152			
BT50L104SYER16M	3 ÷ 8	ER16	22	34	104			
BT50L104SYER16	3 ÷ 8	ER16	32	34	104			
BT50L105SYER20	3 ÷ 16	ER20	35	34	105	0.5	0.5	SYNCHRO
BT50L109SYER25	3 ÷ 20	ER25	42	45	109			
BT50L131SYER32	3 ÷ 27	ER32	50	45	131			
BT50L152SYER40	3 ÷ 27	ER40	63	62	152			

MAS/403BT

Roscador con compresión y tracción pinza ER
Tension and compression tap holders collet ER

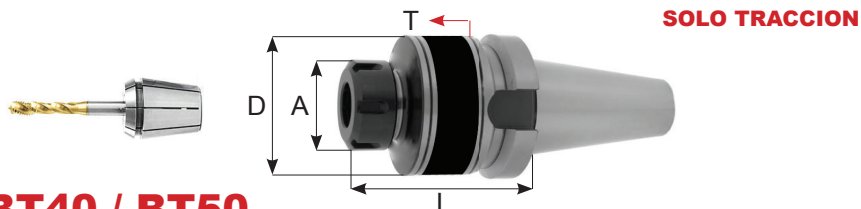


BT30 / BT40 / BT50

REFERENCIA	PINZA	L	A	D	C	T
BT30CTL83ER16	ER16	68	32	29	2.5	5.5
BT30CTL94ER20	ER20	94	35	44	3	9
BT30CTL103ER25	ER25	103	42	58	4	12
BT40CTL83ER16	ER16	73	32	29	2.5	5.5
BT40CTL94ER20	ER20	84	35	44	3	9
BT40CTL103ER25	ER25	93	42	58	4	12
BT40CTL110ER32	ER32	95	50	58	4	12
BT50CTL92ER16	ER16	83	32	29	2.5	5.5
BT50CTL103ER20	ER20	94	35	44	3	9
BT50CTL112ER25	ER25	103	42	58	4	12
BT50CTL114ER32	ER32	105	50	58	4	12

MAS/403BT

Roscador solo tracción pinza ER
Tension tap holders collet ER

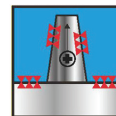
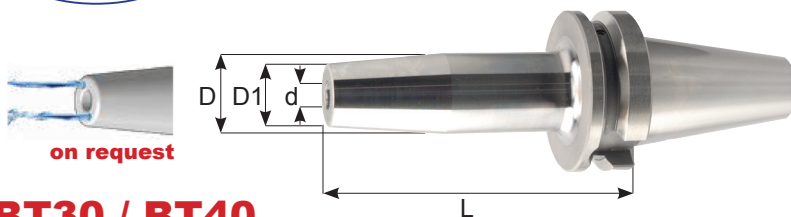


BT30 / BT40 / BT50

REFERENCIA	PINZA	L	A	D	T
BT30TL83ER16	ER16	83	32	29	8
BT30TL94ER20	ER20	94	35	44	12
BT30TL103ER25	ER25	103	42	58	16
BT40TL83ER16	ER16	83	32	29	8
BT40TL94ER20	ER20	94	35	44	12
BT40TL103ER25	ER25	103	42	58	16
BT40TL110ER32	ER32	110	50	58	16
BT50TL92ER16	ER16	92	32	29	8
BT50TL103ER20	ER20	103	35	44	12
BT50TL112ER25	ER25	112	42	58	16
BT50TL114ER32	ER32	114	50	58	16

MAS/403BT

Porta herramientas inducción térmica
Shrink Fit holders



100% contact

* G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT30 / BT40

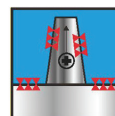
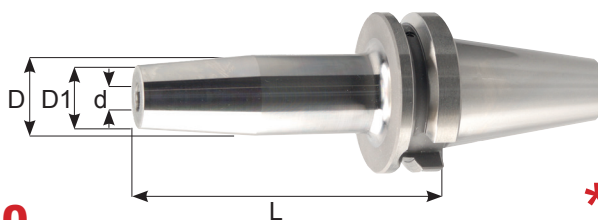
REFERENCIA	d	RPM	FORMA	D1	D	L
BT30L80CL3	3	25.000	AD	10	20	80
BT30L80CL4 *	4			15	24	80
BT30L80CL5 *	5			15	24	80
BT30L80CL6 *	6			20	27	80
BT30L80CL8 *	8			20	27	80
BT30L80CL10 *	10			24	31	80
BT30L80CL12 *	12			24	31	80
BT30L80CL14	14			27	34	80
BT30L80CL16 *	16			27	34	80
BT30L90CL18	18			33	40	90
BT30L90CL20 *	20			33	40	90
BTB40L90CL3 *	3			10	20	90
BTB40L120CL3	3			10	20	120
BTB40L160CL3	3			10	20	160
BTB40L90CL4 *	4			15	22	90
BTB40L120CL4	4			15	22	120
BTB40L160CL4	4			15	22	160
BTB40L90CL5 *	5			15	22	90
BTB40L120CL5	5	15	22	120		
BTB40L160CL5	5	15	22	160		
BTB40L90CL6 *	6	21	27	90		
BTB40L130CL6	6	21	27	130		
BTB40L160CL6	6	21	27	160		
BTB40L90CL8 *	8	21	27	90		
BTB40L130CL8	8	21	27	130		
BTB40L160CL8	8	21	27	160		
BTB40L90CL10 *	10	24	32	90		
BTB40L130CL10	10	24	32	130		
BTB40L160CL10	10	24	32	160		
BTB40L90CL12 *	12	24	32	90		
BTB40L130CL12	12	24	32	130		
BTB40L160CL12	12	24	32	160		
BTB40L90CL14 *	14	27	34	90		
BTB40L130CL14	14	27	34	130		
BTB40L160CL14	14	27	34	160		

* "Face contact" + "D" (DBT30L80CL3)

BT40 / BT50 →

MAS/403BT

Porta herramientas inducción térmica
Shrink Fit holders



100% contact

* G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT40 / BT50

6

REFERENCIA	d	RPM	FORMA	D1	D	L
BTB40L90CL16 *	16	25.000	AD+B	27	34	90
BTB40L130CL16	16			27	34	130
BTB40L160CL16	16			27	34	160
BTB40L90CL18 *	18			33	42	90
BTB40L130CL18	18			33	42	130
BTB40L160CL18	18			33	42	160
BTB40L90CL20 *	20			33	42	90
BTB40L130CL20	20			33	42	130
BTB40L160CL20	20			33	42	160
BTB40L100CL25 *	25			44	44	100
BTB40L130CL25	25			44	44	130
BTB40L160CL25	25			44	44	160
BTB40L100CL32 *	32			44	44	100
BTB40L130CL32	32			44	44	130
BTB40L160CL32	32			44	44	160
BTB50L100CL3 *	3			10	20	100
BTB50L120CL3	3			10	20	120
BTB50L160CL3	3			10	20	160
BTB50L100CL4 *	4			15	25	100
BTB50L120CL4	4			15	22	120
BTB50L160CL4	4			15	22	160
BTB50L100CL5 *	5			15	25	100
BTB50L120CL5	5			15	22	120
BTB50L160CL5	5			15	22	160
BTB50L100CL6 *	6			20	27	100
BTB50L120CL6	6			20	27	120
BTB50L160CL6	6			20	27	160
BTB50L100CL8 *	8			20	27	100
BTB50L120CL8	8			20	27	120
BTB50L160CL8	8			20	27	160
BTB50L100CL10 *	10			24	31	100
BTB50L120CL10	10			24	31	120
BTB50L160CL10	10	24	31	160		
BTB50L100CL12 *	12	24	31	100		
BTB50L120CL12	12	24	31	120		
BTB50L160CL12	12	24	31	160		

* "Face contact" + "D" (DBTB40L90CL18)

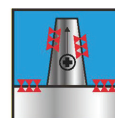
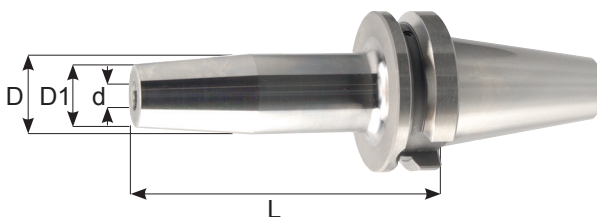
BT40 / BT50 →

MAS/403BT

Porta herramientas inducción térmica
Shrink Fit holders



on request



100% contact

G2.5 / 25.000rpm
G6.3 / 15.000rpm
Face contact

BT50

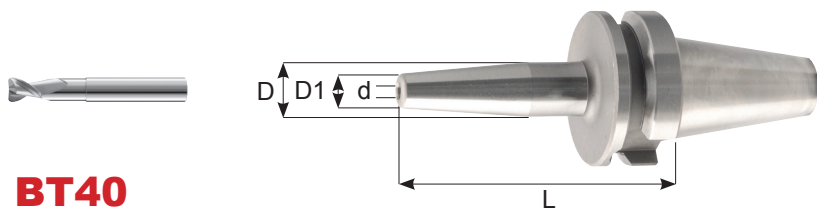
REFERENCIA	d	RPM	FORMA	D1	D	L
BTB50L100CL14 *	14	25.000	AD+B	27	34	100
BTB50L120CL14	14			27	34	120
BTB50L160CL14	14			27	34	160
BTB50L100CL16 *	16			27	34	100
BTB50L120CL16	16			27	34	120
BTB50L160CL16	16			27	34	160
BTB50L100CL18 *	18			33	40	100
BTB50L120CL18	18			33	40	120
BTB50L160CL18	18			33	40	160
BTB50L100CL20 *	20			33	40	90
BTB50L120CL20	20			33	40	120
BTB50L160CL20	20			33	40	160
BTB50L110CL25 *	25			44	53	110
BTB50L120CL25	25			44	53	120
BTB50L160CL25	25			44	53	160
BTB50L110CL32	32			44	53	110
BTB50L120CL32	32			44	53	120
BTB50L160CL32	32			44	53	160

* "Face contact" + "D" (DBTB50L100CL18)



MAS/403BT

Porta herramientas inducción térmica - Slim
Shrink Fit holders - Slim execution



SLIM

BT40

6

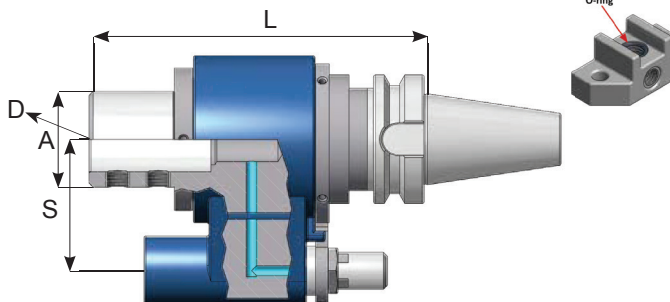
REFERENCIA	d	RPM	FORMA	d	D1	D	L
BTB40L90CL3SL	3	25.000	AD+B	3	9	13	90
BTB40L120CL3SL	3			9	16	120	
BTB40L90CL4SL	4			10	15	90	
BTB40L120CL4SL	4			10	15	120	
BTB40L90CL5SL	5			11	16	90	
BTB40L120CL5SL	5			11	20	120	
BTB40L90CL6SL	6			12	17	90	
BTB40L130CL6SL	6			12	19	130	
BTB40L160CL6SL	6			12	19	160	
BTB40L90CL8SL	8			14	19	90	
BTB40L130CL8SL	8			14	21	130	
BTB40L160CL8SL	8			14	21	160	
BTB40L90CL10SL	10			16	21	90	
BTB40L130CL10SL	10			16	23	130	
BTB40L160CL10SL	10			16	23	160	
BTB40L90CL12SL	12			18	23	90	
BTB40L130CL12SL	12			18	25	130	
BTB40L160CL12SL	12			18	25	160	
BTB40L90CL14SL	14			22	25	90	
BTB40L130CL14SL	14			22	27	130	
BTB40L160CL14SL	14	22	27	160			
BTB40L90CL16SL	16	24	29	90			
BTB40L130CL16SL	16	21	31	130			
BTB40L160CL16SL	16	24	31	160			
BTB40L90CL20SL	20	28	33	90			
BTB40L130CL20SL	20	28	35	130			
BTB40L160CL20SL	20	28	35	160			



MAS/403BT



Distribuidor rotante de refrigeración
Side lock oil hole holders



BT40 / BT50

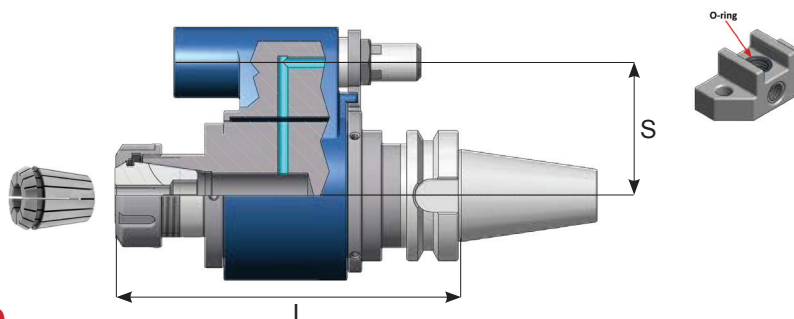
REFERENCIA	D	S	L	A
BT40D16DR	16	65	165	46.5
BT40D20DR	20	65	165	46.5
BT40D25DR	25	65	165	46.5
BT40D32DR	32	65	165	47
BT50D16DR	16	80	165	56
BT50D20DR	20	80	165	56
BT50D25DR	25	80	165	56
BT50D32DR	32	80	165	56
BT50D40DR	40	80	170	56

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MAS/403BT



Distribuidor rotante de refrigeración pinza ER
ER oil hole holders collet chucks



BT40 / BT50

REFERENCIA	CAP	S	L
BT40ER16DR	1 ÷ 10	65	160
BT40ER20DR	1 ÷ 14	65	160
BT40ER25DR	1 ÷ 20	65	160
BT40ER32DR	2 ÷ 22	65	160
BT50ER16DR	1 ÷ 10	80	160
BT50ER20DR	1 ÷ 14	80	160
BT50ER25DR	1 ÷ 20	80	160
BT50ER32DR	2 ÷ 22	80	160
BT50ER40DR	3 ÷ 30	80	160

MAS/403BT

Barra mecanizable MAS/403BT
Machinable blank Arbors MAS/BT

Material : 16MnCr5
600/800 Nm

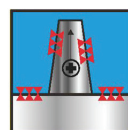


BT30 / BT40 / BT50

REFERENCIA	D	L
BT30L160D40BL	40.5	160
BT40L100D40BL	40.5	100
BT40L160D40BL	40.5	160
BT40L100D50BL	50.5	100
BT40L160D50BL	50.5	160
BT40L160D63BL	63.5	160
BT40L250D63BL	63.5	250
BT50L100D40BL	40.5	100
BT50L160D40BL	40.5	160
BT50L100D50BL	50.5	100
BT50L200D50BL	50.5	200
BT50L200D63BL	63.5	200
BT50L315D63BL	63.5	315
BT50L200D95BL	95.5	200
BT50L315D97BL	97	315

MAS/403BT

Barra mecanizable MAS/403BT "Doble Contacto"
Machinable blank Arbors MAS/BT "Face contact"



100% contact

BT30 / BT40 / BT50

REFERENCIA	D	L
DBT30L80D40BL	40.5	80
DBT30L160D40BL	40.5	160
DBT40L160D63BL	63.5	160
DBT40L250D63BL	63.5	250
DBT40L90D70BL	70	90
DBT50L315D63BL	63.5	315
DBT50L200D95BL	95.5	200
DBT50L315D95BL	95.5	315