



CATÁLOGO



www.b2you.pt

A CRIAR O SEU AMANHÃ



APRESENTAÇÃO DA EMPRESA

Fundada em 2007, a B2YOU surgiu com o claro objectivo de trazer para o mercado Português, mais especificamente para a Indústria Metalomecânica, um conjunto de soluções que visam acima de tudo a rentabilidade dos processos produtivos.

NOSSOS SERVIÇOS

Aconselhamento, desenvolvimento e aplicação de novas soluções nos nossos parceiros. Entregas rápidas dos nossos produtos e política de proximidade com os nossos clientes.





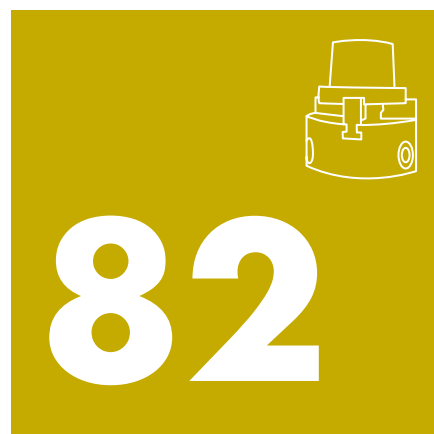
**SOLUÇÕES
DE CORTE**



**EQUIPAMENTOS
CNC**



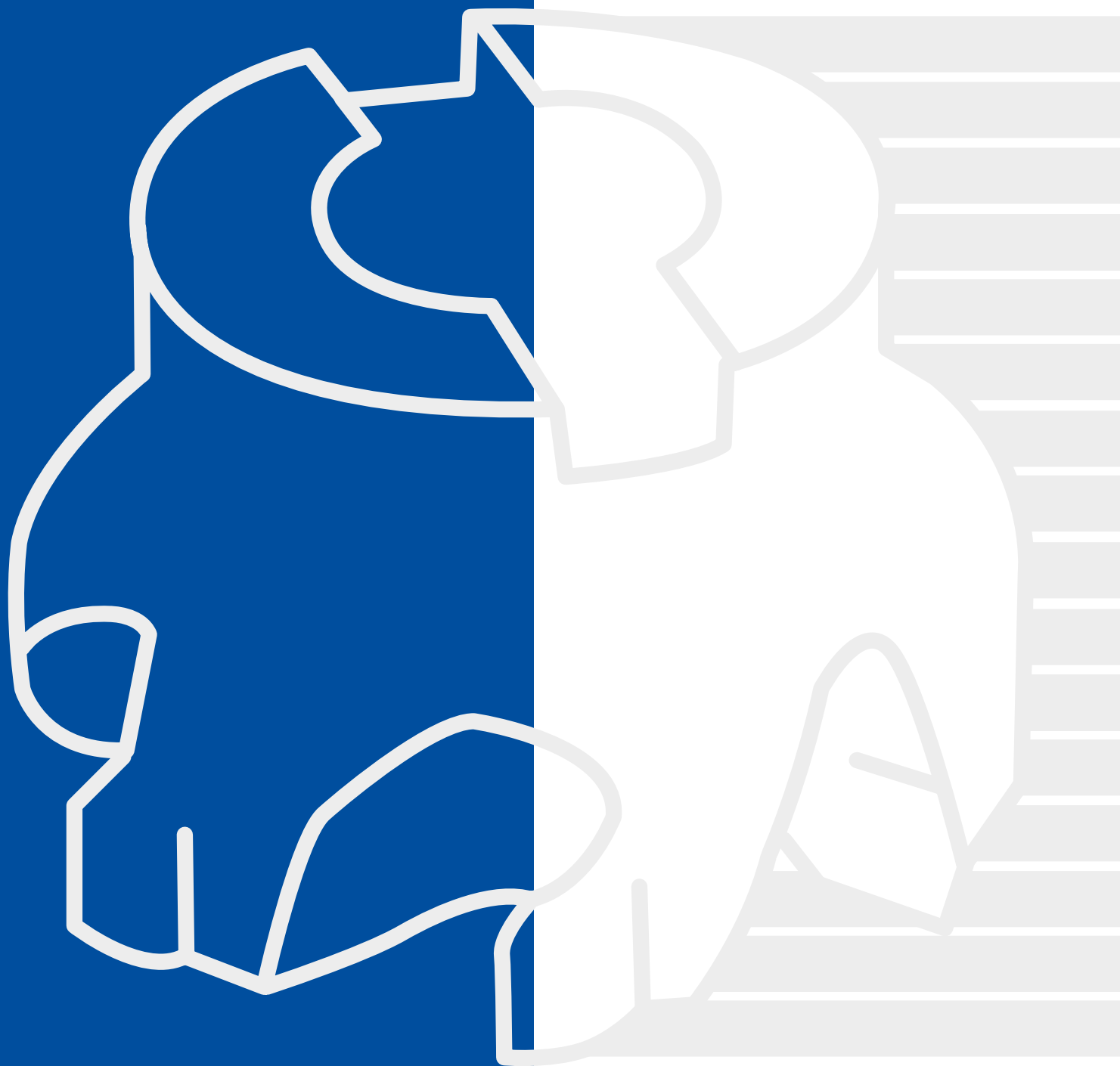
**MÁQUINAS
PERIFÉRICAS**



**INSTRUMENTOS
E ACESSÓRIOS**

“Os valores dos produtos apresentados são susceptíveis a alterações sem aviso prévio.”

SOLUÇÕES DE CORTE



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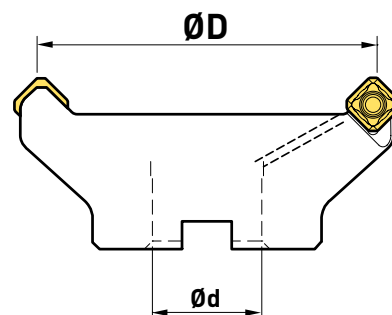


SNMX

D

8A

45°



REFERÊNCIA	ØD	Z	Ød	PASTILHA	PARAFUSO	CHAVE
SN1206D50Z5	50	5	22	SNMX1206...	KST410-60H	T15
SN1206D63Z7	63	7				
SN1206D80Z8	80	8	27			
SN1206D100Z10	100	10	32			
SN1206D125Z11	125	11	40			
SN1206D160Z12	160	12				

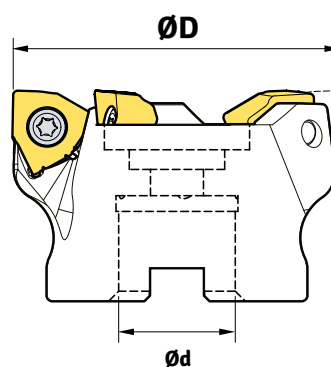
B2YOU

WNGX

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6A

90°



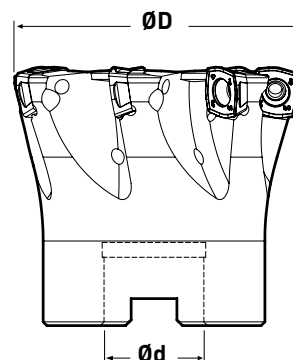
REFERÊNCIA	ØD	Z	Ød	PASTILHA	PARAFUSO	CHAVE
RM6PCM050R-22-4	50	4	22	WNGX08..	FTNA0512	T20
RM6PCM063R-22-6	63	6				
RM6PCM080R-27-7	80	7	27			

SPKW13

D

4A

RT



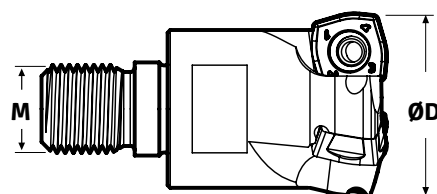
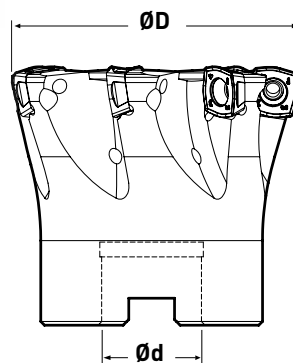
REFERÊNCIA	ØD	Z	Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
HF52SPK13	52	4	22	SPKW13	KST410-60H	T15	2
HF66SPK13	66	5	27				
HF80SPK13	80	6					

SPKW09

D

4A

RT



REFERÊNCIA	ØD	Z	M/ Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
HF25SPK09	25	3	M12	SPKW09	1635	T10	2
HF35SPK09	35	4	M16				
HF52SPK09	52	6	22				

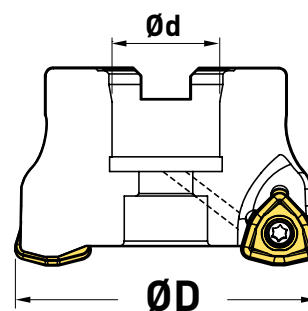


WNGX 09

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6A

RT



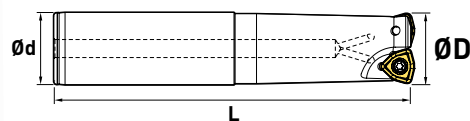
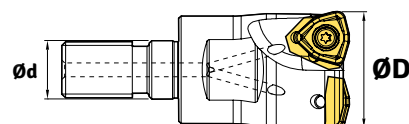
REFERÊNCIA	ØD	Z	Ød	PASTILHA	PARAFUSO	CHAVE	R. P.
WND0952	52	6	22	WNMX09T316	KST3072-60H	T9	2.5
WND0966	66		27				

WNMX 06/09

D

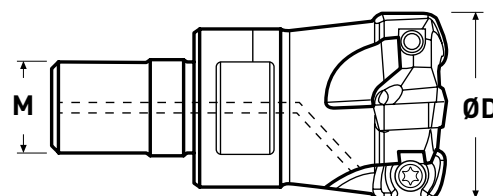
6A

RT



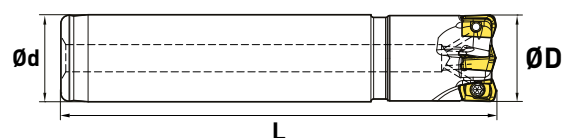
REFERÊNCIA	ØD	Z	L	M/ Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
WN06-D16-M8-Z2	16	2	-	M08	WNMX060312	KST25057-43	T7	1.8
HRMDS0617HR-2M16	17		150	Ø16				
WN06-D20-M10-Z3	20	3	-	M10				
HRMDS0621HR-2M20	21	2	180	Ø20				
WN06-D25-M12-Z4	25	4	-	M12	WNMX09T316	KST3072-60H	T9	2.5
WND25M12	25	2	-					
HRMDS0626HR-3M25	26	3	180	Ø25	WNMX060312	KST25057-43	T7	1.8
WN06D35M16	35	5	-					
HRMDM0935HR-M16	35	4	-	M16	WNMX09T316	KST3072-60H	T9	2,5
WND42M163Z	42	3	-					
WND42M16	42	5	-					

XPMW 04



REFERÊNCIA	ØD	Z	M	PASTILHA	PARAFUSO	CHAVE	R.P.
HFMM1010HR-M06	10	2	M06	XPMW04	KST18042-60	T6	1 2
HFMM1011HR-M06	11						
HFMM1012HR-M06	12	3					
HFMM1013HR-M06	13						
HFMM1016HR-M08	16	4	M08				
HFMM1017HR-M08	17						
HFMM1020HR-M10	20	5	M10				
HFMM1021HR-M10	21						
HFMM1025HR-M12	25	6	M12				

XPMW 04



REFERÊNCIA	ØD	Z	L	Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
HFMS1010HR-2L10	10	2	105	10	XPMW04	KST18042-60	T6	1 2
HFMS1011HR-2L10	11		120	10				
HFMS1012HR-3L12	12	3	120	12				
HFMS1013HR-3L12	13		120	12				

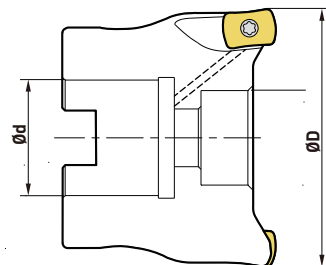


XNMT06

D

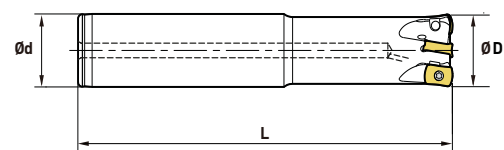
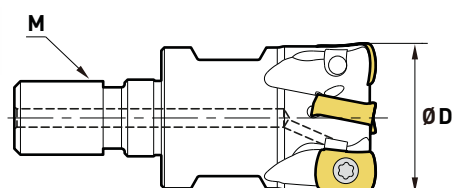
4A

RT

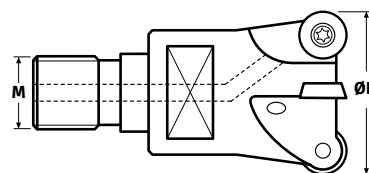
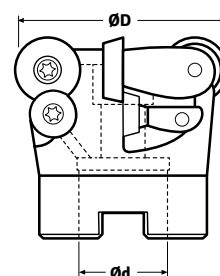


REFERÊNCIA	ØD	Z	Ød	PASTILHA	PARAFUSO	CHAVE	R. P.
XFMD052-22	52	8	22	XNMT06	FTNA0306	T9	2

XNMT06



REFERÊNCIA	ØD	Z	L	M/ Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
XFMDM016-M08	16	2	-	M08	XNMT06	FTNA0306	T9	2
XFMDS-016-16	16		130	Ø16				
XFMDM020-M10	20	3	-	M10				
XFMDS-020-20	20	3	150	Ø20				
XFMDM025-M12	25	4		M12				
XFMDS-025-25	25	4	160	Ø25				
XFMDM-035-M16	35	5		M16				
XFMDM-042-M16	42	6						

RD...
D
ISO

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REFERÊNCIA	ØD	Z	M/ Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
216R3.5/8	16	2	M08	RD..0702	KST25057-43	T7	3,5
42035/10	20	4	M10				
52535/12	25	5	M12				
53235/16	32		M16				
22050/10	20	2	M10	RD..1003	KST35085-60	T15	5
32550/12	25	3	M12				
53550/16	35	5	M16				
54250/16	42						
22460/12	24	2	M12	RD..12T3	KST35085-60	T15	6
35R6M16Z3	35	3	M16				
44260/16	42	4					
55260	52	5	22				
RD12T3066MZ6R	66	6	27	RD..1604...	P45.105.66	T20	8
23280/16	32	2	M16				
45280	52	4	22				
RD16_66MZ5R	66	5	27				
D80RD16Z5	80						
RDTK018	100	6	32				
RDTK019	125	7	40				
9160RD16	160	8					



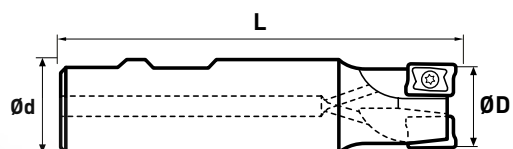
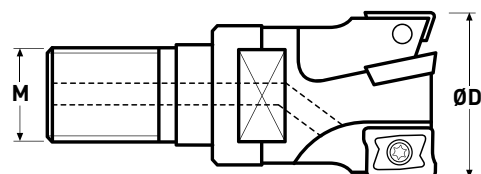
AP...09

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91°



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REFERÊNCIA	ØD	Z	L	M/ Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
AMS15016HS-2L16	16	2	160	Ø16	APMT090308	ST25065-60	T8	0.8
AMM15016HR-M08			-	M08				
AMS17A91AP09	17		180	Ø16				
AMM15017HR-M8 Z2			-	M08				
AMS15020HS-2L20	20		90	Ø20				
AMM15020HR-M10			-	M10				
AMS21A91AP09	21		250	Ø20				
AMM15021HR-M10 Z3			-	M10				
AMS15025HS-3L25	25	3	180	Ø25				
AMM15025HR-M12			-	M12				
AMS26A91AP09	26		250	Ø25				
AMM15026HR-M12 Z4			-	M16				
AMM15032HR-M16	32	4	-					

AP...06

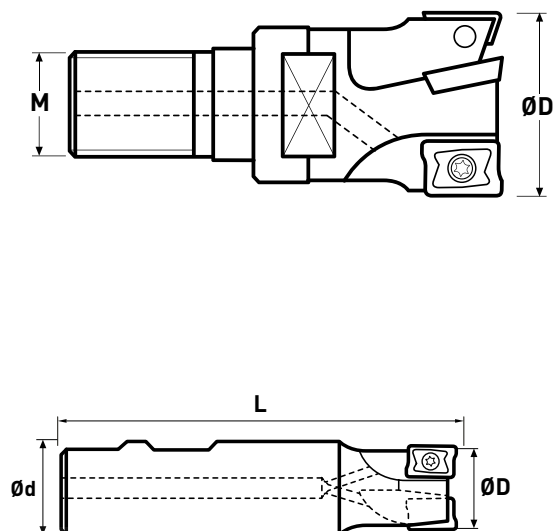
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DESBASTE ISO



REFERÊNCIA	ØD	Z	L	M/ Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
1-06-016693L	10	2	120	Ø10	APMT0602	KST18042-60	T6	0.4
AMM10-M6	10		-	M06				
1-06-016693LI	11		120	Ø10				
AMM11-M6	11		-	M06				
AMS1012HS-2L12	12	3	130	Ø12				
AMM1012HR-M06	12		-	M06				
1-06-016696LI	13		130	Ø12				
AMM13-M6	13		-	M06				
AMM1020HR-M10	20	5	-	M10				



XO 10

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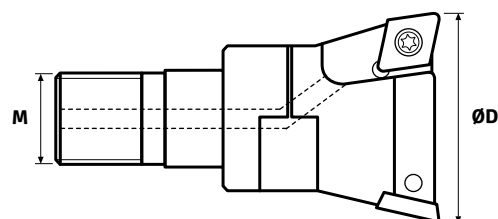
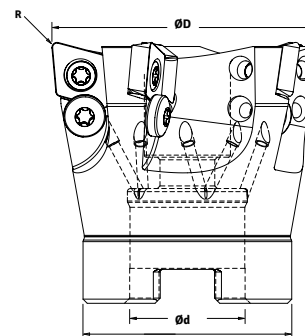
REFERÊNCIA	ØD	Z	M/ Ød	PASTILHA	PARAFUSO	CHAVE	R.P.
PM1602/08	16	2	M08	XOHW1003	P0250503	T8	0.8 2.0
PM2003/10	20	3	M10				
PM2504/12	25	4	M12				
PM3504/16	35		M16				
PM4205/16	42	5	M16				
PM6607/D27	66	7	D27				

XD

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2A

95°



ACABAMENTO

REFERÊNCIA	ØD	Z	M/ Ød	PASTILHA	PARAFUSO	CHAVE	R.P.	
21691/08	16	2	M08	XDHW060210T	KST25057-43	T7	1	
32091/10	20		M10					
32591/12	25	3	M12					
42591/12	25	4						
22591/12	25	2	M16	XDH- W10T310T	FTKA03508	T15		
33591/16	35	3						
44210/16	42	4						
55291	52	5						Ø22
66691	66	6						Ø27
78091	80	7	Ø27					

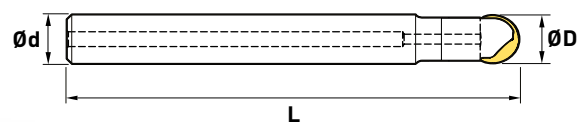
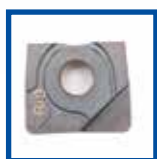
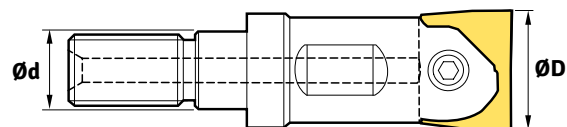


LASER MILL

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2A

ACABAMENTO



REFERÊNCIA	ØD	Z	L	M/ Ød	PASTILHA	PARAFUSO	CHAVE
LBE080020S-S08C-130	8	2	130	Ø8	LRH/LBH	ETND02506F	TWP07S
LBE100023S-S10C-130	10		-	Ø10		ETND0307F	TWP08S
LBE100-MHD-M06	10		-	M06		ETND03509	TWP10S
LBE120025S-S12C-150	12		150	Ø12		ETND0413	TWP15S
LBE120-MHD-M06	12		-	M06		ETKD0516	TWP20
LBE160-MHD-M08	16		-	M08		ETKD0620	TWP25
LBE200-MHD-M10	20		-	M10			
LBE250-MHD-M12	25		-	M12			

CHANFRAR & PONTEAR

4A

45°

CHANFRAR



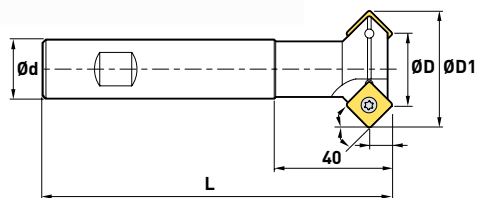
REFERÊNCIA	ØD	M/ Ød	L	PASTILHA
CMN-1411100S12	14	12	100	XDBP11T308
CMN-1411100S16	14	16	100	XDBP11T308
CMN1411150S16			150	XDBP11T308
CMN-D16-M08	14	M08	-	XDBP11T308

B2YOU

CHANFRAR 45°

4A

45°

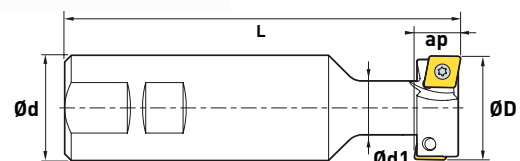


REFERÊNCIA	ØD	ØD1	Ød	L	Z	PASTILHA
CE45-1107R-S20	7	21	20	120	1	SPMT110408-KC
CE45-1119R-S20	19	33	20	120	2	
CE45-1125R-S20	25	39	20	120	3	



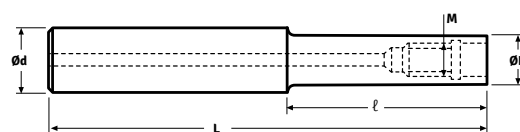
FRESA EM “T”

2A



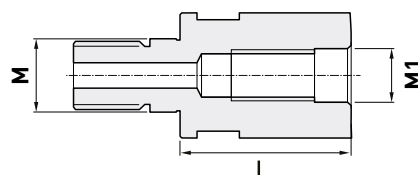
REFERÊNCIA	ØD	Ød1	Ød	L	ap	Z	PASTILHA
TFE 2125 R	21	10,5	25	109	9	2	CPMT06
TFE 2525 R	25	12,5	25	112	11	2	CPMT08
TFE 3232 R	32	16,5	32	120	14	2	CPMT09
TFE 4032 R	40	20,5	32	130	18	2	CPMT12
TFE 5032 R	50	26,5	32	140	22	4	CPMT12

ALONGADORES MD



REFERÊNCIA	Ød	ØD	L	l	M
HD10M6100	10	9.6	100	50	M06
HD10M6150			150	100	
HD12M6100	12	11.6	100	50	
HD12M6150			150	100	
HD16M8100	16	15.6	100	45	M08
HD16M8150			150	95	
HD16M8200			200	145	
HD20M10100	20	19.6	100	40	M10
HD20M10150			150	90	
HD20M10200			200	140	
HD20M10250			250	185	
HD20M10300			300	235	
HD25M12100	25	24.6	100	35	M12
HD25M12150			150	85	
HD25M12200			200	135	
HD25M12250			250	185	
HD25M12300			300	235	
HD32M16150	32	32	150	-	M16
HD32M16200			200	-	
HD32M16250			250	-	
HD32M16300			300	-	

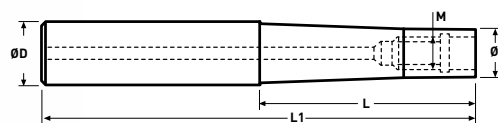
EXTENSÃO MÉTRICA



REFERÊNCIA	M	M1	L
1241213M08030	M08	M08	30
1241218M10035	M10	M10	35
1241221M12040	M12	M12	40
1241229M16040	M16	M16	40



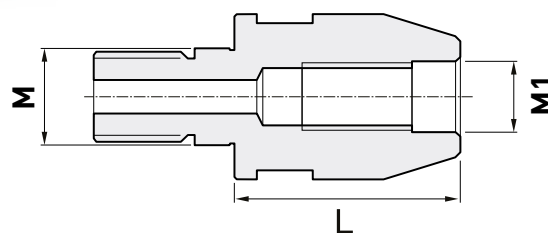
ALONGADORES EM AÇO



REFERÊNCIA	ØD	Ød	L1	L	M
Z16D14.5M08-L15	16	14,5	95	15	M08
Z16D14.5M08-L70	16	14,5	160	70	M08
Z20D18.5M10-L20	20	17,8	100	20	M10
Z20D18.5M10-L70	20	18,5	160	70	M10
Z25D23M12-L35	25	23	115	35	M12
Z25D22M12-L70	25	22	160	70	M12
Z25D22M12-L100			200	100	
Z32D28M16-L70	32	28	160	70	M16
Z32D28M16-L100			200	100	



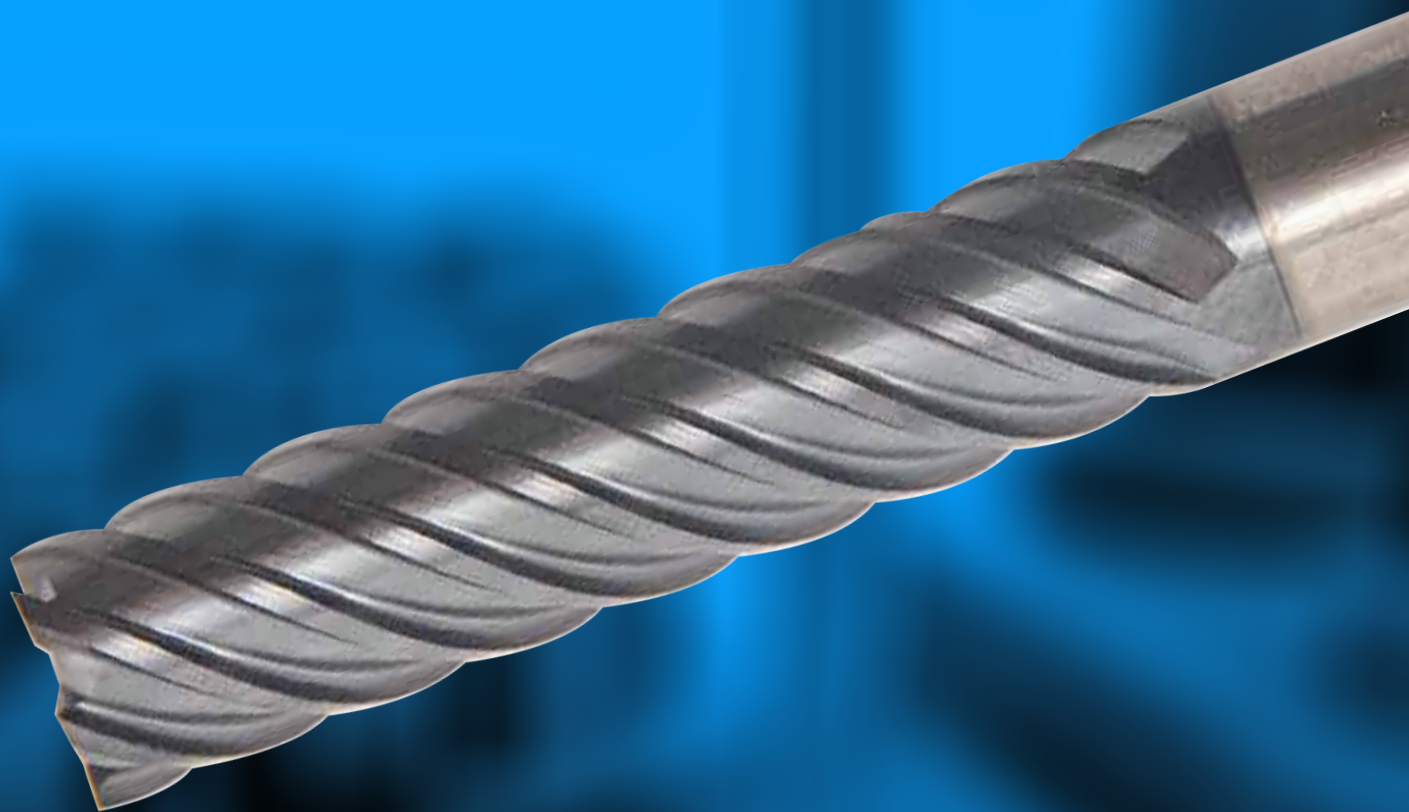
REDUÇÃO MÉTRICA



REFERÊNCIA	M	M1	L
1261218M0810030	M10	M08	30
1261221M1012035	M12	M10	35
1261229M1016060	M16		60
1261229M1216040		M12	40



FRESAS METAL DURO

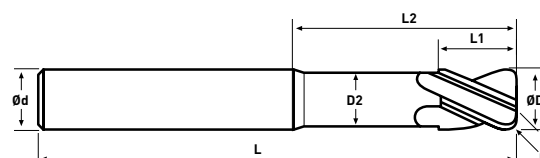




TÓRICAS



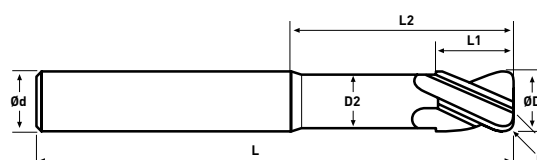
FRESAS METAL DURO



REFERÊNCIA	ØD	R	L2	L1	D2	L	Ød
HT 05 005/2 S04	0.5	0.05	2	0.7	0.46	45	4
HT 05 005/3 S04			3				
HT 06 005/2 S04	0.6	0.05	2	0.9	0.56		
HT 06 005/4 S04			4				
HT 08 01/2 S04	0.8	0.1	2	1.2	0.76		
HT 08 01/4 S04			4				
HT 08 01/6 S04			6				
HT 10 01/04 S04	1	0.1	4	1.5	0.95		
HT 10 01/06 S04			6				
HT 10 01/08 S04			8				
HT 10 02/4 S04	1	0.2	4	1.8	1.15		
HT 10 02/6 S04			6				
HT 10 02/8 S04			8				
HT 12 01/04 S04	1.2	0.1	4	2.3	1.45		
HT 12 01/08 S04			8				
HT 12 01/12 S04			12				
HT 15 02/4 S04	1.5	0.2	4	50			
HT 15 02/6 S04			6				
HT 15 02/8 S04			8				
HT 15 02/10 S04			10				
HT 15 02/12 S04			12				
HT 15 02/16 S04			16				

*outras medidas sob consulta

TÓRICAS

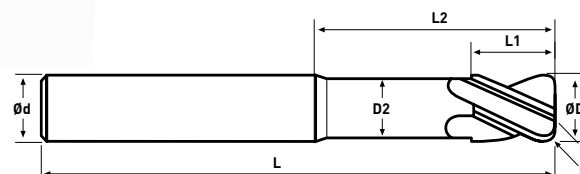


REFERÊNCIA	ØD	R	L2	L1	D2	L	Ød	
HT 20 02/6 S04	2	0.2	6	3	1.95	45	4	
HT 20 02/8 S04			8					
HT 20 02/10 S04			10					
HT 20 02/12 S04			12					
HT 20 02/16 S04			16			50		
HT 20 02/20 S04			20					
HT 20 05/6 S04		0.5	6			45		
HT 20 05/8 S04			8					
HT 20 05/10 S04			10					
HT 20 05/12 S04			12					
HT 20 05/16 S04			16					50
HT 20 05/20 S04			20					
HT 30 02/8 S06	3	0.2	8	4.5	2.85	50	6	
HT 30 02/10 S06			10					
HT 30 02/12 S06			12					
HT 30 02/16 S06			16					60
HT 30 05/8 S06		0.5	8			50		
HT 30 05/10 S06			10					
HT 30 05/12 S06			12					
HT 30 05/16 S06			16					60

*outras medidas sob consulta



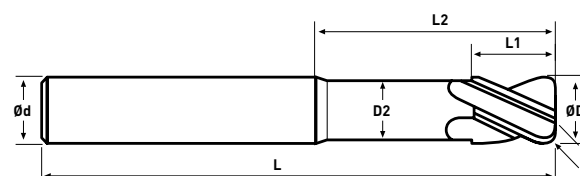
TÓRICAS



REFERÊNCIA	ØD	R	L2	L1	D2	L	ØD
HT 40 03/12 S06	4	0.3	12	6	3.85	50	6
HT 40 03/20 S06			20			60	
HT 40 05/12 S06		0.5	12			50	
HT 40 05/16 S06			16			60	
HT 40 05/20 S06			20				
HT 60 05/18 S06	6	0.5	18	9	5.8	90	
HT 60 05/40 S06			40				
HT 80 05/24 S08	8	0.5	24	12	7.8	65	8
HT 80 05/40 S08			40		7.9	100	
HT 100 05/30 S10	10	0.5	30	15	9.8	70	10
HT 100 10/30 S10		1.0				40	
HT 100 10/40 S10							
HT 120 05/30 S12	12	0.5	30	18	11.8	80	12
HT 120 10/30 S12		1.0				50	
HT 120 10/50 S12							

*outras medidas sob consulta

TÓRICAS

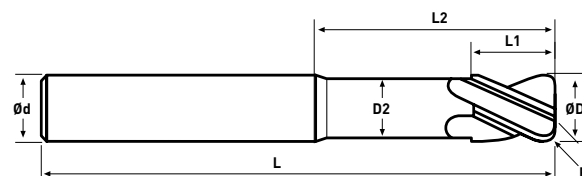


REFERÊNCIA	ØD	R	L2	L1	D2	L	Ød
4 HT 20 02/6 S04	2	0.2	6	3	1.95	45	4
4 HT 20 02/10 S04			10				
4 HT 20 03/6 S04		0.3	6				
4 HT 20 03/10 S04			10				
4 HT 30 02/8 S06	3	0.2	8	4.5	2.85	50	6
4 HT 30 02/10 S06			10			60	
4 HT 30 02/12 S06			12			50	
4 HT 30 02/16 S06			16			60	
4 HT 30 03/8 S06		0.3	8			50	
4 HT 30 03/10 S06			10			60	
4 HT 30 03/12 S06			12			50	
4 HT 30 03/16 S06			16			60	
4 HT 30 05/8 S06		0.5	8			50	
4 HT 30 05/10 S06			10			60	
4 HT 30 05/12 S06			12			50	
4 HT 30 05/16 S06			16			60	
4 HT 30 05/20 S06			20			50	
4 HT 40 02/12 S06	4	0.2	12	6	3.85	60	
4 HT 40 02/16 S06			16			50	
4 HT 40 02/20 S06			20			60	
4 HT 40 03/12 S06		0.3	12			50	
4 HT 40 03/16 S06			16			60	
4 HT 40 03/20 S06			20			50	
4 HT 40 05/12 S06		0.5	12			60	
4 HT 40 05/16 S06			16			50	
4 HT 40 05/20 S06			20			60	

*outras medidas sob consulta



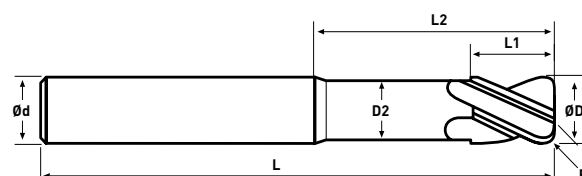
TÓRICAS



REFERÊNCIA	ØD	R	L2	L1	D2	L	Ød
4 HT 60 03/18 S06	6	0.3	18	9	5.8	60	6
4 HT 60 03/24 S06			24			80	
4 HT 60 05/18 S06		0.5	18			60	
4 HT 60 05/24 S06			24			80	
4 HT 60 10/18 S06		1.0	18			60	
4 HT 60 10/24 S06			24			80	
4 HT 80 03/24 S08	8	0.3	24	12	7.8	65	8
4 HT 80 03/40 S08			40			100	
4 HT 80 05/24 S08		0.5	24			65	
4 HT 80 05/40 S08			40			100	
4 HT 80 10/24 S08		1.0	24			65	
4 HT 80 10/40 S08			40			100	
4 HT 100 05/30 S10	10	0.5	30	15	9.8	70	10
4 HT 100 05/40 S10			40			100	
4 HT 100 10/30 S10		1.0	30			70	
4 HT 100 10/40 S10			40			100	
4 HT 120 05/30 S12	12	0.5	30	18	11.8	80	12
4 HT 120 05/40 S12			40			100	
4 HT 120 10/30 S12		1.0	30			80	
4 HT 120 10/40 S12			40			100	

*outras medidas sob consulta

TÓRICAS - HIGH SPEED & FEEDRATE



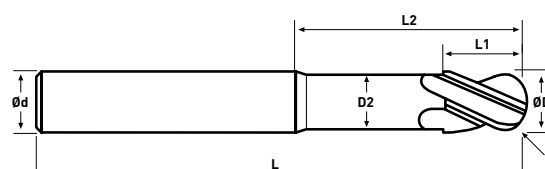
REFERÊNCIA	ØD	R	L2	L1	D2	L	Ød
4 HTHF 60 10/15 S06	6	1.0	15	3	5.8	60	6
4 HTHF 80 10/20 S08	8		20	4	7.8	65	8
4 HTHF 100 10/25 S10	10		25	5	9.8	70	10

B2YOU

*outras medidas sob consulta



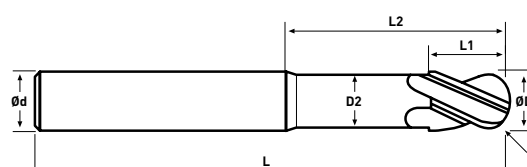
ESFÉRICAS



REFERÊNCIA	ØD	R	L2	L1	D2	L	Ød
2 HHCB 005 020 S04	0.5	R0.25	2	0.5	0.46	45	4
2 HHCB 005 040 S04			4				
2 HHCB 005 060 S04			6				
2 HHCB 005 080 S04			8				
2 HHCB 005 015 S06			1.5			50	6
2 HHCB 006 020 S04	0.6	R0.3	2	0.6	0.56	45	4
2 HHCB 006 040 S04			4				
2 HHCB 006 060 S04			6				
2 HHCB 006 080 S04			8				
2 HHCB 006 015 S06			1.5			50	6
2 HHCB 008 020 S04	0.8	R0.4	2	0.8	0.76	45	4
2 HHCB 008 040 S04			4				
2 HHCB 008 060 S04			6				
2 HHCB 008 080 S04			8				
2 HHCB 008 020 S06			2			50	6
2 HHCB 010 040 S04	1	R0.5	4	1	0.95	45	4
2 HHCB 010 060 S04			6				
2 HHCB 010 080 S04			8				
2 HHCB 010 100 S04			10				
2 HHCB 010 120 S04			12				
2 HHCB 010 160 S04			16			50	4
2 HHCB 010 200 S04			20				
2 HHCB 010 025 S06			2.5				6

*outras medidas sob consulta

ESFÉRICAS



REFERÊNCIA	ØD	R	L2	L1	D2	L	Ød
2 HHCB 012 060 S04	1.2	R0.6	6	1.2	1.15	45	4
2 HHCB 012 080 S04			8				
2 HHCB 012 100 S04			10				
2 HHCB 012 120 S04			12			50	6
2 HHCB 012 160 S04			16				
2 HHCB 012 030 S06			3				
2 HHCB 015 060 S04	1.5	R0.75	6	1.5	1.45	45	4
2 HHCB 015 080 S04			8				
2 HHCB 015 100 S04			10				
2 HHCB 015 120 S04			12			50	6
2 HHCB 015 160 S04			16				
2 HHCB 015 200 S04			20				
2 HHCB 015 040 S06			4				
2 HHCB 020 060 S04	2	R1	6	2	1.95	45	4
2 HHCB 020 080 S04			8				
2 HHCB 020 100 S04			10				
2 HHCB 020 120 S04			12			50	6
2 HHCB 020 160 S04			16				
2 HHCB 020 200 S04			20				
2 HHCB 020 060 S06			6			50	6

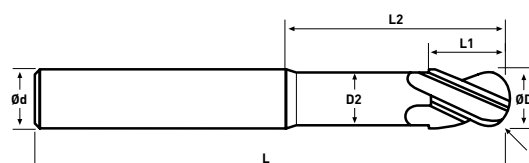
*outras medidas sob consulta



ESFÉRICAS



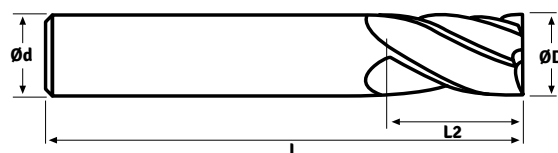
FRESAS METAL DURO



REFERÊNCIA	ØD	R	L2	L1	D2	L	Ød
2 HHCB 030 100 S06	3	1.5	10	3	2.85	50	6
2 HHCB 030 120 S06			12			60	
2 HHCB 030 160 S06			16				
2 HHCB 030 200 S06			20				
2 HHCB 030 250 S06			25			65	
2 HHCB 040 120 S06	4	2.0	12	4	3.85	55	
2 HHCB 040 160 S06			16			60	
2 HHCB 040 200 S06			20			65	
2 HHCB 040 250 S06			25				
2 HHCB 040 300 S06			30			70	
2 HHCB 060 150 S06	6	3.0	15	6	5.8	60	
2 HHCB 060 300 S06			30			70	
2 HHCB 060 000 S06			-	12	6	90	
2 HHCB 080 200 S08	8	4.0	20	8	7.8	60	8
2 HHCB 080 300 S08			30			80	
2 HHCB 080 000 S08			-	14	8	100	
2 HHCB 100 250 S10	10	5.0	25	10	9.8	70	10
2 HHCB 100 350 S10			35			100	
2 HHCB 120 400 S12	12	6.0	40	12	11.8	110	12

*outras medidas sob consulta

TOPO RASO

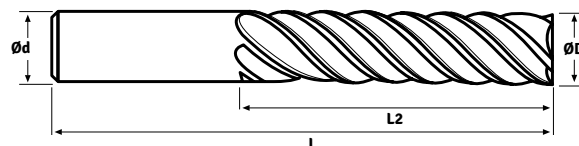


REFERÊNCIA	ØD	Ød	L2	L
MPE0404T	4	4	11	50
PE0504T	5	6	13	50
PE0604T	6	6	16	50
PE0804T	8	8	20	60
PE1004T	10	10	30	75
PE1204T	12	12	32	75
PE1604T	16	16	40	100

*outras medidas sob consulta



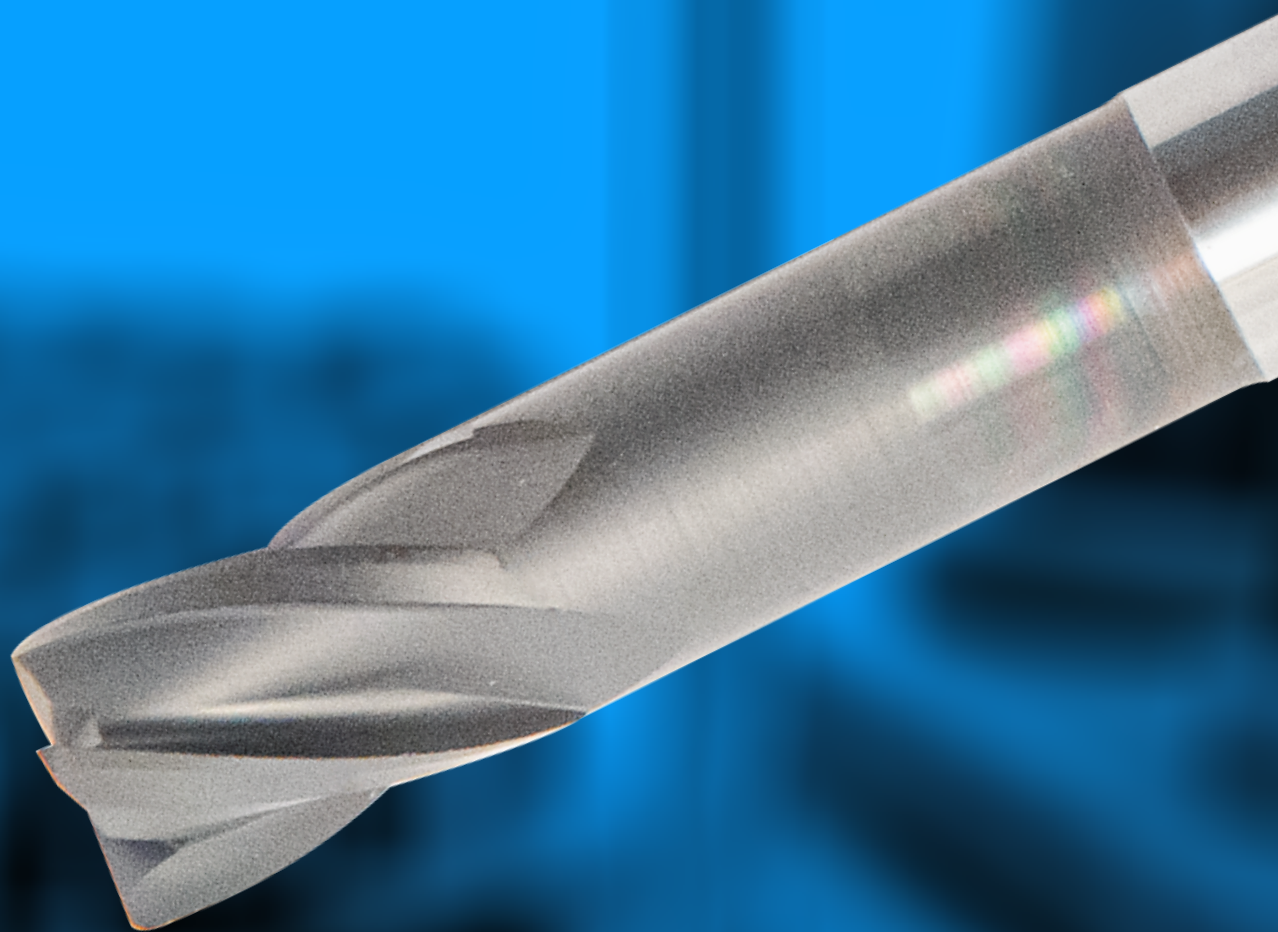
TOPO RASO



REFERÊNCIA	ØD	Ød	L2	L	Z
UVT0606 NBS	6	6	15	50	6
ULVT0606 NBS			25	75	
UVT0806 NBS	8	8	20	60	
ULVT0806 NBS			30	75	
UVT1006 NBS	10	10	40	100	
ULVT1006 NBS			32	75	
UVT1206 NBS	12	12	45	100	8
ULVT1206 NBS			40	150	
UVT1606 NBS	16	16	65	150	
ULVT1606 NBS			45	100	
UVT2008 NBS	20	20	75	150	
ULVT2008 NBS			80		
ULVT2508 NBS	25	25			

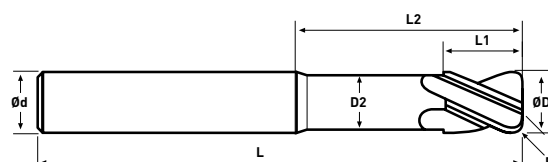
*outras medidas sob consulta

FRESAS DIAMANTE





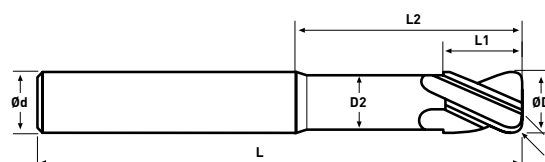
TÓRICAS - 2 NAVALHAS



REFERÊNCIA	ØD	R	L1	L2	L	Ød
2DRR-005-R005-050-460	0.5	0.05	1	5	60	4
2DRR-005-R005-075-460				7.5		
2DRR-005-R005-100-460				10		
2DRR-006-R005-060-460	0.6		1.2	6		
2DRR-006-R005-090-460				9		
2DRR-006-R005-120-460				12		
2DRR-008-R005-040-460	0.8		1.6	4		
2DRR-008-R005-080-460				8		
2DRR-008-R005-100-460				10		
2DRR-010-R01-050-460	1	0.1	2	5		
2DRR-010-R01-100-460				10		
2DRR-010-R01-150-460				15		
2DRR-010-R01-200-460				20		
2DRR-010-R02-100-460		0.2		10		
2DRR-010-R02-200-460				20		
2DRR-015-R01-050-460	1.5	0.1	3	5		
2DRR-015-R01-100-460				10		
2DRR-015-R01-200-460				20		
2DRR-015-R02-100-460		0.2		10		
2DRR-015-R02-200-460				20		

*outras medidas sob consulta

TÓRICAS - 2 NAVALHAS



REFERÊNCIA	ØD	R	L1	L2	L	Ød
2DRR-020-R02-120-460	2	0.2	3	12	60	4
2DRR-020-R02-200-460				20		
2DRR-020-R02-300-460				30		
2DRR-020-R03-200-460		0.3		20		
2DRR-020-R03-300-460				30		
2DRR-030-R02-200-480	3	0.2	4.5	20	80	
2DRR-030-R02-300-480				30		
2DRR-030-R03-200-480		0.3		20		
2DRR-030-R03-300-480				30		
2DRR-030-R03-400-480				40		
2DRR-040-R02-250-480	4	0.2	6	25		

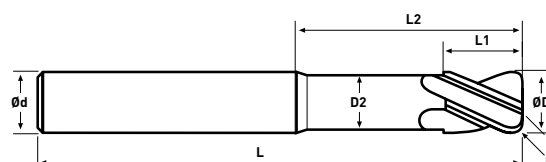
*outras medidas sob consulta



TÓRICAS - 4 NAVALHAS



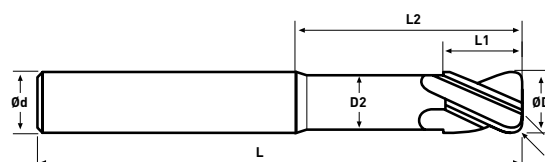
Rc



REFERÊNCIA	ØD	R	L1	L2	L	Ød
4DRR-020-R02-200-460	2	0.2	3	20	60	4
4DRR-020-R02-300-460				30		
4DRR-020-R03-200-460		0.3		20		
4DRR-020-R03-300-460				30		
4DRR-030-R03-200-480	3	0.3	4.5	20	80	
4DRR-030-R03-300-480				30		
4DRR-030-R03-400-480				40		
4DRR-030-R05-200-480		0.5		20		
4DRR-030-R05-300-480				30		
4DRR-030-R05-400-480				40		
4DRR-040-R03-200-4A0	4	0.3	6	20	100	
4DRR-040-R05-200-4A0		0.5				

*outras medidas sob consulta

TÓRICAS - 4 NAVALHAS

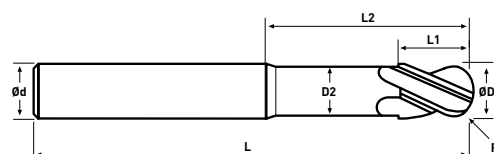


REFERÊNCIA	ØD	R	L1	L2	L	Ød
4DRR-060-R03-250-6B0	6	0.3	9	25	110	6
4DRR-060-R05-250-6B0		0.5			150	
4DRR-060-R05-300-6F0		8		0.3	12	
4DRR-080-R03-300-8B0	0.5		40	160		
4DRR-080-R05-300-8B0	10		0.5	15		35
4DRR-080-R05-400-8G0		45			160	
4DRR-100-R05-350-AB0		12		18	40	110
4DRR-100-R05-450-AG0	45				160	
4DRR-120-R05-400-CB0	12		18		40	110
4DRR-120-R05-450-CG0		45		160		

*outras medidas sob consulta



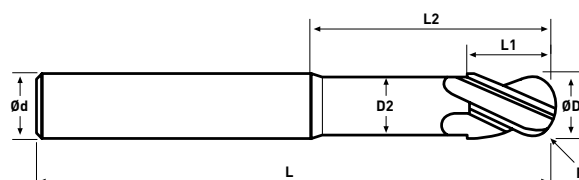
ESFÉRICAS - 2 NAVALHAS



REFERÊNCIA	ØD	R	L1	L2	L	Ød
2DRB-005-050-445	0.5	0.25	0.5	5	45	4
2DRB-006-050-445	0.6	0.3	0.6			
2DRB-008-050-445	0.8	0.4	0.8			
2DRB-010-050-450	1	0.5	2	10	50	
2DRB-010-100-450						
2DRB-010-160-460			3	16	60	
2DRB-010-200-460				20		
2DRB-010-300-480	1.5	0.75	30	80		
2DRB-015-100-460			10	60		
2DRB-015-200-460			20			
2DRB-015-300-480	1.5	1	4	30	80	
2DRB-020-100-480	2		5	10		
2DRB-020-200-480				20		
2DRB-020-300-480			6	30		
2DRB-020-400-4A0		40		100		

*outras medidas sob consulta

ESFÉRICAS - 2 NAVALHAS



REFERÊNCIA	ØD	R	L1	L2	L	Ød
2DRB-030-150-4A0	3	1.5	9	15	100	4
2DRB-030-300-4A0				30		
2DRB-030-500-4A0				50		
2DRB-040-300-4B0	4	2	16	30	80	4
2DPB-040-200-4A0			20	-	100	
2DRB-060-250-6B0	6	3	16	25	110	6
2DRB-080-300-8B0	8	4	20	30		8
2DPB-080-300-8F0			30	-	150	
2DRB-100-350-AB0	10	5	22	35	110	10

*outras medidas sob consulta



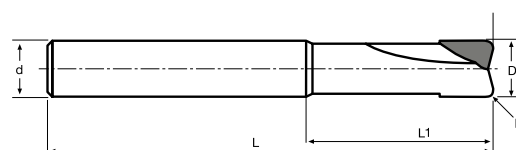
PASTILHAS PCD/DIAMANTADAS



REFERÊNCIA	Ø	R. P.	GRAU
VCMT110304	16	0.4	DP150
XDHW060210T	16/20/25	1	DP150
XDHW10T310T	25/35/42		
APMT0602PDR-MA	10/11/12/13	0.4	ND2000
APMT11T3PDR-MA	17/21/26	0.5	
XDHW060210T	16/20/25	1	
XDHW10T310T	25/35/42	1	

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FRESAS PCD



REFERÊNCIA	ØD	R	L	L1	ØD	Z
95401040	4	0.3	100	35	4	2
95401060	6	0.3	120	60	6	2
95401080	8	0.3	125	80	8	2
95401080	8	0.3	125	80	8	3
95401110	10	0.5	120	80	10	2
95401120	12	0.5	140	95	12	2



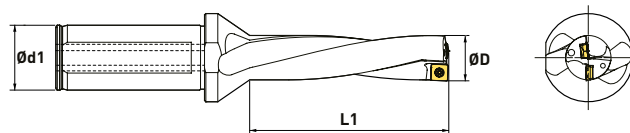
FURAÇÃO





KING DRILL 4 X D

4A

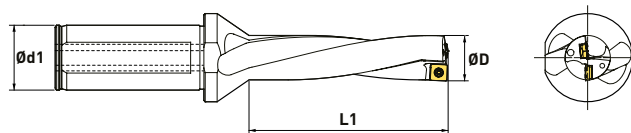


REFERÊNCIA	ØD	ØD1	L1	PASTILHA	PARAFUSO	CHAVE
K4D14020-05	14.0	20	59	SPMT05/XOMT05	FTNA0204	T6
K4D14520-05	14.5		63			
K4D15020-05	15.0					
K4D15520-05	15.5					
K4D16020-05	16.0					
K4D16525-06	16.5	25		67	SPMT06/XOMT06	FTKA02206S
K4D17025-06	17.0		71			
K4D17525-06	17.5		75			
K4D18025-06	18.0					
K4D18525-06	18.5					
K4D19025-06	19.0					
K4D19525-06	19.5			79		
K4D20025-07	20.0					
K4D20525-07	20.5					
K4D21025-07	21.0					
K4D21525-07	21.5					
K4D22025-07	22.0	83	SPMT07/XOMT07	FTKA02565	T7	
K4D22525-07	22.5					
K4D23025-07	23.0					
K4D23525-07	23.5					
K4D24032-09	24.0					
K4D24532-09	24.5	32	99	SPMT09/XPMT09	FTKA0307	T9
K4D25032-09	25.0		103			
K4D25532-09	25.5					
K4D26032-09	26.0					
K4D26532-09	26.5					
K4D27032-09	27.0					
K4D27532-09	27.5		107			
		111				

KING DRILL 4 X D (CONTINUAÇÃO)

4A

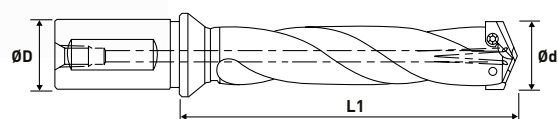
FURAÇÃO



REFERÊNCIA	ØD	ØD1	L1	PASTILHA	PARAFUSO	CHAVE
K4D28032-09	28.0	32	115	SPMT09/XPMT09	FTKA0307	T9
K4D28532-09	28.5					
K4D29032-09	29.0		119	SPMT11/XOMT11	FTKA03508	T15
K4D29532-09	29.5					
K4D30032-11	30.0		123			
K4D30532-11	30.5					
K4D31032-11	31.0		127			
K4D31532-11	31.5					
K4D32032-11	32.0		131			
K4D32532-11	32.5					
K4D33032-11	33.0		135			
K4D33532-11	33.5					
K4D34032-11	34.0		139			
K4D34532-11	34.5					
K4D35032-11	35.0		143			



SPADE DRILL B75

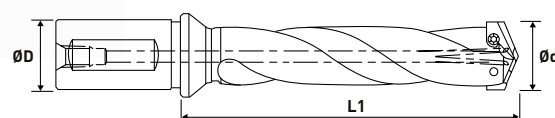
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REFERÊNCIA	Ød	D	L1	PASTILHA	PARAFUSO	CHAVE	COMPRIMENTO
B7S-130175137	13.0~17.5	20	63	480A-...	BS7-25060	T8	STANDARD
B7S-130175188			114				EXTENDED
B7S-130175251			177				LONG
B7S-130175377			295				XL(EXTRA LONG)
B7S-130175469			387				3XL(EXTRA LONG)
B7S-155175137	15.5~17.5	20	63	480A-...	BS7-25060	T8	STANDARD
B7S-155175188			114				EXTENDED
B7S-155175251			177				LONG
B7S-155175377			295				XL(EXTRA LONG)
B7S-155175469			387				3XL(EXTRA LONG)
B7S-180240212	18.0~24.0	25	117	481A-...	BS7-30070	T9	INTERMEDIATE
B7S-180240262			168				STANDARD
B7S-180240364			269				EXTENDED
B7S-180240554			457				XL(EXTRA LONG)
B7S-180240662			569				3XL(EXTRA LONG)
B7S-220240212	22.0~24.0	25	117	481A-...	BS7-30070	T9	INTERMEDIATE
B7S-220240262			168				STANDARD
B7S-220240364			269				EXTENDED
B7S-220240554			457				XL(EXTRA LONG)
B7S-220240662			569				3XL(EXTRA LONG)
B7S-250350241	25.0~35.0	32	136	482A-...	BS7-40095	T15	INTERMEDIATE
B7S-250350292			187				STANDARD
B7S-250350393			288				EXTENDED
B7S-250350618			511				XL(EXTRA LONG)
B7S-250350799			692				3XL(EXTRA LONG)

SPADE DRILL B75 (CONTINUAÇÃO)

1A

FURAÇÃO

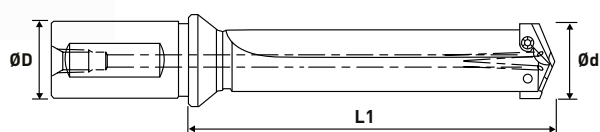


REFERÊNCIA	Ød	D	L1	PASTILHA	PARAFUSO	CHAVE	COMPRIMENTO
B7S-300350241	30.0~35.0	32	136	482A-..	BS7-40095	T15	INTERMEDIATE
B7S-300350292			187				STANDARD
B7S-300350393			288				EXTENDED
B7S-300350618			511				XL(EXTRA LONG)
B7S-300350799			692				3XL(EXTRA LONG)
B7S-360470292A	36.0~47.0	40	165	483A-..	BS7-50150	T20	INTERMEDIATE
B7S-360470292B		42	209				INTERMEDIATE
B7S-360470337A		40	349				STANDARD
B7S-360470337B		42	558				STANDARD
B7S-360470476A		40	625				EXTENDED
B7S-360470686A	48.0~65.0	40	231	484A-..	BS7-60190	T25	XL(EXTRA LONG)
B7S-480650356A		42	422				STANDARD
B7S-480650356B		40	464				STANDARD
B7S-480650546A		40	171				EXTENDED
B7S-480650750A		40	273				XL(EXTRA LONG)
B7S-640880302	64.0~88.0	50	171	045A-.. /046A-..	BS7-60190	T25	SHORT
B7S-640880404			273				STANDARD
B7S-640880594			464				EXTENDED
B7S-9001140312	90.0~114.0	50	171	047A-.. /048A-..	BS7-60190	T25	SHORT
B7S-9001140413			273				STANDARD
B7S-9001140696			556				EXTENDED



SPADE DRILL B7K

1A

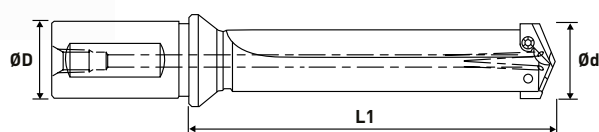


REFERÊNCIA	Ød	D	L1	PASTILHA	PARAFUSO	CHAVE	COMPRIMENTO
B7K-130175092	13.0~17.5	20	22	480A-...	BS7-25060	T8	STUB(EXTRA SHORT)
B7K-130175108			34				SHORT
B7K-130175369			295				XL(EXTRA LONG)
B7K-130175461			387				3XL(EXTRA LONG)
B7K-155175092	15.5~17.5	20	22	480A-...	BS7-25060	T8	STUB(EXTRA SHORT)
B7K-155175108			34				SHORT
B7K-155175369			295				XL(EXTRA LONG)
B7K-155175461			387				3XL(EXTRA LONG)
B7K-180240133	18.0~24.0	25	47	481A-...	BS7-30070	T9	STUB(EXTRA SHORT)
B7K-180240164			66				SHORT
B7K-180240551			457				XL(EXTRA LONG)
B7K-180240659			569				3XL(EXTRA LONG)
B7K-220240145	22.0~24.0	25	47	481A-...	BS7-30070	T9	STUB(EXTRA SHORT)
B7K-220240164			66				SHORT
B7K-220240551			457				XL(EXTRA LONG)
B7K-220240659			569				3XL(EXTRA LONG)
B7K-250350150	25.0~35.0	32	57	482A-...	BS7-40095	T15	STUB(EXTRA SHORT)
B7K-250350190			85				SHORT
B7K-250350616			511				XL(EXTRA LONG)
B7K-250350797			692				3XL(EXTRA LONG)
B7K-300350150	30.0~35.0	32	57	482A-...	BS7-40095	T15	STUB(EXTRA SHORT)
B7K-300350190			85				SHORT
B7K-300350616			511				XL(EXTRA LONG)
B7K-300350797			692				3XL(EXTRA LONG)

SPADE DRILL B7K (CONTINUAÇÃO)

1A

FURAÇÃO

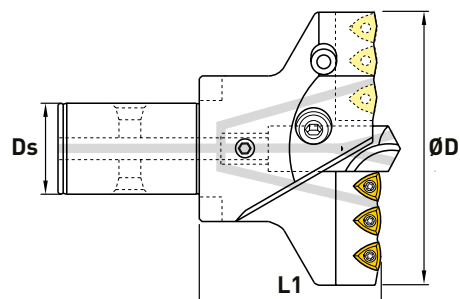


REFERÊNCIA	Ød	D	L1	PASTILHA	PARAFUSO	CHAVE	COMPRIMENTO
B7K-360470248A	36.0~47.0	40	120	483A-..	BS7-50150	T20	SHORT
B7K-360470248B		42					SHORT
B7K-360470476A		40	349				EXTENDED
B7K-360470476B		42	349				EXTENDED
B7K-360470686A	48.0~65.0	40	611	484A-..	BS7-50150	T20	XL(EXTRA LONG)
B7K-480650254A		42	130				SHORT
B7K-480650254B							SHORT
B7K-480650546A		40	422				EXTENDED
B7K-480650546B		42					EXTENDED
B7K-480650750A		40	625				XL(EXTRA LONG)
B7K-640880318	64.0~88.0	50	171	045A-.. /046A-..	BS7-60190	T25	SHORT
B7K-640880419			273				STANDARD
B7K-640880610			463				EXTENDED
B7K-9001140352	90.0~114.0		171	047A-.. /048A-..			SHORT
B7K-9001140454			273				STANDARD
B7K-9001140737			555				EXTENDED



MAX DRILL VMD

3A

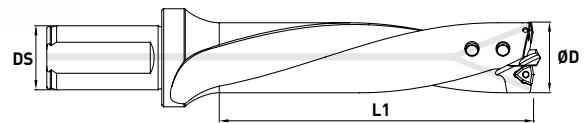


REFERÊNCIA	ØD	DS	L1	PASTILHA	BROCA PILOTO	CARTUCHO
VMD-045050	45-50	13	50	WC..030204	PLD-V1035	VMC-045050N/T
VMD-050055	50-55					VMC-050055N/T
VMD-055060	55-60	16	60	WC..040204	PLD-V1238	VMC-055060N/T
VMD-060065	60-65			WC..050308		VMC-060065N/T
VMD-065070	65-70					VMC-065070N/T
VMD-070075	70-75	22	70	WC..06T308	PLD-V1645	VMC-070075N/T
VMD-075080	75-80					VMC-075080N/T
VMD-080085	80-85	27				VMC-080085N/T
VMD-085090	85-90					VMC-085090N/T
VMD-090095	90-95					VMC-090095N/T
VMD-095100	95-100	32	80	WC..050308	PLD-V2045	VMC-095100N/T
VMD-100105	100-105					VMC-100105N/T
VMD-105110	105-110					VMC-105110N/T
VMD-110115	110-115	40	90	WC..06T308	PLD-V2556	VMC-110115N/T
VMD-115120	115-120					VMC-115120N/T
VMD-120125	120-125					VMC-120125N/T
VMD-125130	125-130					VMC-125130N/T
VMD-130135	130-135					VMC-130135N/T
VMD-135140	135-140	50	100	WC..080408	PLD-V3068	VMC-135140N/T
VMD-140150	140-150					VMC-140150N/T
VMD-150160	150-160					VMC-150160N/T
VMD-160170	160-170					VMC-160170N/T
VMD-170180	170-180					VMC-170180N/T

TURBO DRILL VLT 5XD

3A

FURAÇÃO

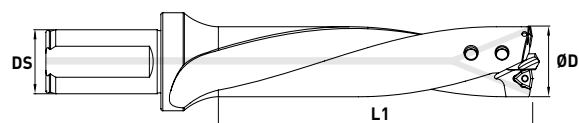


REFERÊNCIA	DS	ØD	L1	PASTILHA	BROCA PILOTO
VLT-25050D S32	25		150	WC..030204	PLD-V0630
VLT-26050D S32	26			WC..040204	
VLT-27050D S32	27				
VLT-28050D S32	28				
VLT-29050D S32	29				
VLT-30050D S32	30		175	WC..050308	PLD-V0835
VLT-31050D S32	31				
VLT-32050D S32	32				
VLT-33050D S32	33				
VLT-34050D S32	34				
VLT-35050D S32	35				
VLT-36050D S32	36				
VLT-37050D S32	37				
VLT-38050D S32	38				
VLT-39050D S32	39				
VLT-40050D S32	40		200		



TURBO DRILL VLT 5XD

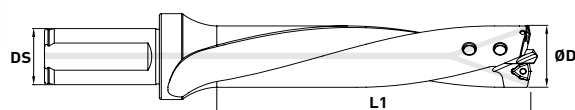
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REFERÊNCIA	ØD	DS	L1	PASTILHA	BROCA PILOTO	CARTUCHO			
						INTERIOR	EXTERIOR		
VLT-414550D S40	41	40	225	WC..06T308	PLD-V1035	VLC-410450N	VLC-000410T		
	42						VLC-000420T		
	43						VLC-000430T		
	44						VLC-000440T		
	45						VLC-000450T		
VLT-465050D S40	46		250			WC..08T308	PLD-V1035	VLC-460500N	VLC-000460T
	47								VLC-000470T
	48								VLC-000480T
	49								VLC-000490T
	50								VLC-000500T
VLT-515550D S40	51		275	WC..080408	PLD-V1238			VLC-510550N	VLC-000510T
	52								VLC-000520T
	53								VLC-000530T
	54								VLC-000540T
	55								VLC-000550T
VLT-565950D S40	56		300					VLC-560590N	VLC-000560T
	57								VLC-000570T
	58								VLC-000580T
	59								VLC-000590T

TURBO DRILL VLT 8XD

3A

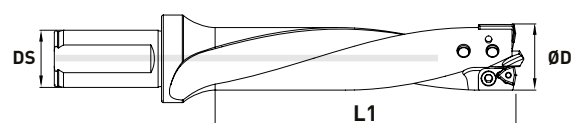


REFERÊNCIA	DS	ØD	L1	PASTILHA	BROCA PILOTO
VLT-25080D S32	25	 32	220	WC..030204	PLD-V0630
VLT-26080D S32	26			WC..040204	
VLT-27080D S32	27				
VLT-28080D S32	28				
VLT-29080D S32	29		260	WC..050308	PLD-V0835
VLT-30080D S32	30				
VLT-31080D S32	31				
VLT-32080D S32	32				
VLT-33080D S32	33				
VLT-34080D S32	34				
VLT-35080D S32	35				
VLT-36080D S32	36				
VLT-37080D S32	37		300		
VLT-38080D S32	38				
VLT-39080D S32	39				
VLT-40080D S32	40				



TURBO DRILL VLT 8XD

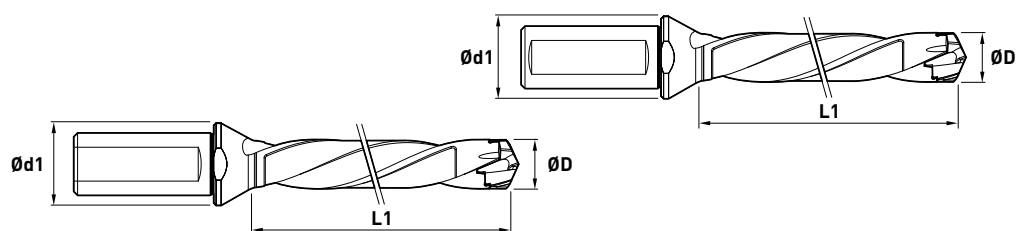
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REFERÊNCIA	ØD	DS	L1	PASTILHA	BROCA PILOTO	CARTUCHO			
						INTERIOR	EXTERIOR		
VLT-414580D S40	41	40	340	WC..06T308	PLD-V1035	VLC-410450N	VLC-000410T		
	42						VLC-000420T		
	43						VLC-000430T		
	44						VLC-000440T		
	45						VLC-000450T		
VLT-465080D S40	46		380			WC..06T308	PLD-V1035	VLC-460500N	VLC-000460T
	47								VLC-000470T
	48								VLC-000480T
	49								VLC-000490T
	50								VLC-000500T
VLT-515580D S40	51		420	WC..080408	PLD-V1238			VLC-510550N	VLC-000510T
	52								VLC-000520T
	53								VLC-000530T
	54								VLC-000540T
	55								VLC-000550T
VLT-565980D S40	56		460			WC..080408	PLD-V1238	VLC-560590N	VLC-000560T
	57								VLC-000570T
	58								VLC-000580T
	59								VLC-000590T

TPDC 8XD

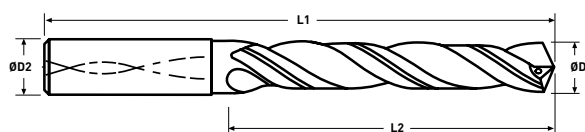
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REFERÊNCIA	ØD	Ød1	L1	PASTILHA	CHAVE
TPDC8D-12016-96	12.00~12.49	16	96	TPDC12..CP	TPDC-W12
TPDC8D-12516-100	12.50~12.99		100		
TPDC8D-13016-104	13.00~13.49		104	TPDC13..CP	TPDC-W13
TPDC8D-13516-108	13.50~13.99		108		
TPDC8D-14016-112	14.00~14.49		112	TPDC14..CP	TPDC-W14
TPDC8D-14516-116	14.50~14.99		116		
TPDC8D-15020-120	15.00~15.99	20	120	TPDC15..CP	TPDC-W15
TPDC8D-16020-128	16.00~16.99		128	TPDC16..CP	TPDC-W16
TPDC8D-17020-136	17.00~17.99		136	TPDC17..CP	TPDC-W17
TPDC8D-18025-144	18.00~18.99	25	144	TPDC18..CP	TPDC-W18
TPDC8D-19025-152	19.00~19.99		152	TPDC19..CP	TPDC-W19



BROCAS MD 5XD C/ REFRIGERAÇÃO

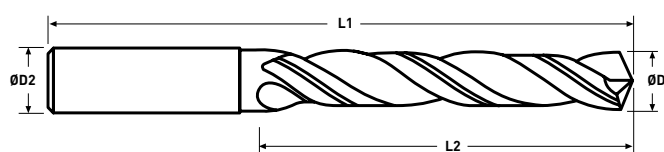


REFERÊNCIA	ØD	ØD2	L2	L1
64482	3.0	6	66	28
64481	3.4			
58904	3.5			
64483	3.9		74	36
64484	4.0			
53107	4.3			
64485	4.5	8	82	44
63668	4.9			
53528	5.0			
59126	5.2		91	53
59127	5.5			
63445	5.9			
59130	6.0	8	91	53
64486	6.5			
53724	6.8			
58642	7.0		91	53
64487	7.5			
64488	7.9			
59134	8.0			

REFERÊNCIA	ØD	ØD2	L2	L1
53737	8.5	10	103	61
64489	8.9			
53740	9.0			
64490	9.5			
64491	9.9			
59137	10.0	12	118	71
54748	10.3			
59142	10.5			
64492	10.9			
53760	11.0			
64493	11.9	14	124	77
53772	12.0			
64494	12.9			
59147	13.0			
64495	13.9			
51995	14.0			

*outras medidas sob consulta

BROCAS MD 5XD S/ REFRIGERAÇÃO



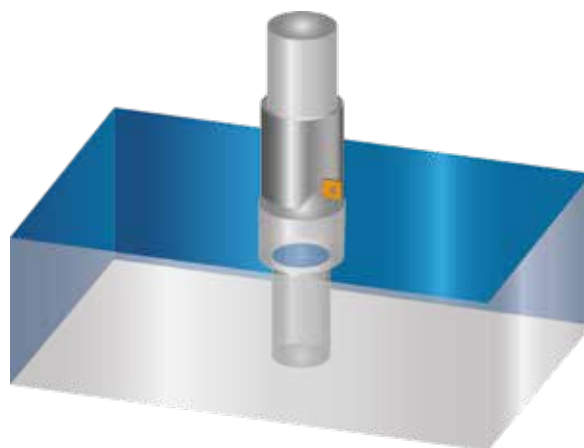
REFERÊNCIA	ØD	ØD2	L2	L1
64496	3.0	6	66	28
64497	3.4			
64498	3.5			
64499	3.9			
64500	4.0	6	74	36
64827	4.3			
64501	4.5			
64502	4.9			
64503	5.0	8	82	44
64927	5.2			
64504	5.5			
64505	5.9			
64506	6.0	8	91	53
64507	6.5			
64508	6.8			
64509	7.0			
64510	7.5	8	91	53
64511	7.9			
64512	8.0			

REFERÊNCIA	ØD	ØD2	L2	L1
64513	8.5	10	103	61
64514	8.9			
64515	9.0			
64516	9.5			
64517	9.9	12	118	71
64518	10.0			
64519	10.3			
64520	10.5			
64521	10.9	14	124	77
64522	11.0			
64523	11.9			
64524	12.0			
64525	12.9	14	124	77
64526	13.0			
64527	13.9			
64528	14.0			

*outras medidas sob consulta



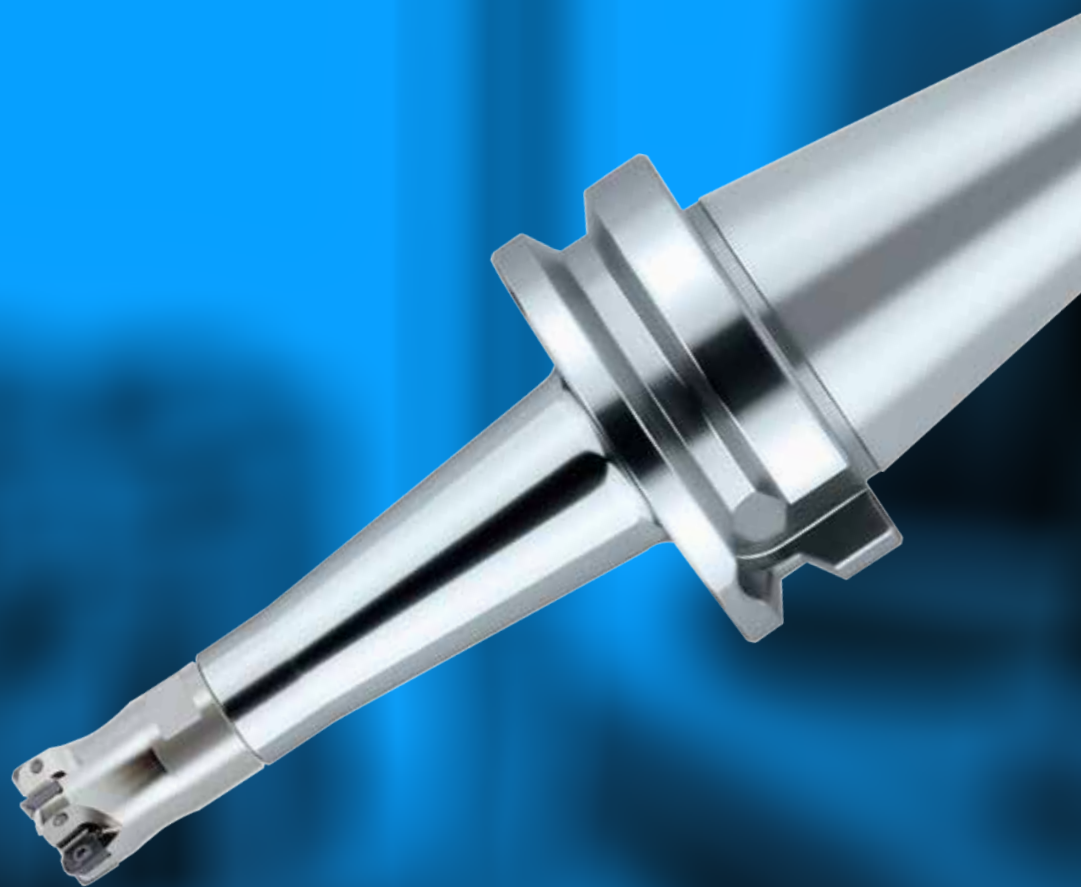
HIGH FEED POCKET - CAIXAS PARAFUSOS



REFERÊNCIA	ØD	M	L1	L	S	PASTILHA	CHAVE	PARAFUSO
D12M6SP06	12	M06	28	116	12	SPMT06	T7	FTKA02206S
D15M8SP07	15	M08	35		16	SPMT07		FTKA02565
D18M10SP07	18	M10	46	20				
D20M12SP07	20	M12	49	120	20	SPMT09	T9	FTKA0307
D26M16SP09	26	M16	45		25			
D32M20SP09	32	M20	60	135	32			



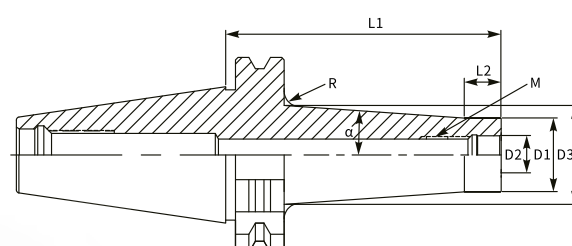
CONES MODULARES





SK MODULARES

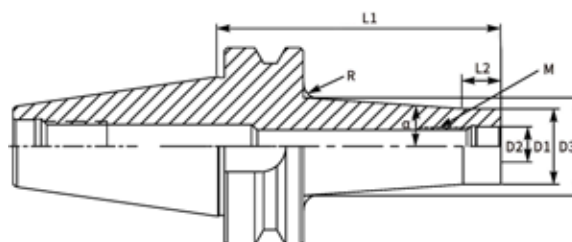
SK

G2,5
25.000
RPM

REFERÊNCIA	L1	L2	D1	D2	D3	M	a	R
SK40-BM08-110	110	12	15,4	8,5	28	M8	5º	5
SK40-BM10-110	110		19	10,5	29	M10	4º	
SK54-BM12-110	110		23	12,5	25	M12		
SK40-BM12-135	135				33			
SK40-BM16-110	110		28,8	17	39	M16		
SK40-BM16-135	135				42			
SK50-BM08-110	110		15,4	8,5		M8	5º	
SK50-BM10-110	110		17,8	10,5	22	M10	4º	
SK50-BM12-110	110				26			
SK50-BM12-135	135		24	12,5	36	M12		
SK50-BM16-110	110		29	17	33	M16		
SK50-BM16-135	135				41			

BT MODULARES

SK

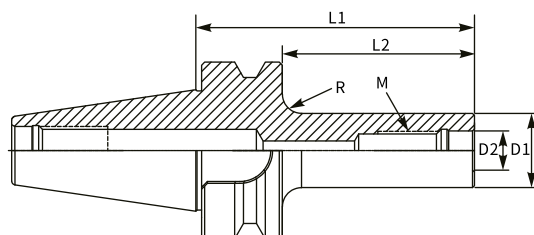
G2,5
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RPM


CONES MODULARES

REFERÊNCIA	L1	L2	D1	D2	D3	M	a	R
BT40-BM08-110	110	12	15,4	8,5	28	M8	5°	5
BT40-BM10-110	110		19	10,5	29	M10	4°	
BT40-BM12-110	110		23	12,5	33	M12		
BT40-BM12-135	135				36			
BT40-BM16-110	110		28,8	17	39	M16		
BT40-BM16-135	135				42			
BT50-BM08-110	110		15,4	8,5	26	M8	5°	10
BT50-BM10-110	110		19	10,5	27	M12	4°	
BT50-BM12-110	110		24	12,5	32			
BT50-BM12-135	135		24	12,5	36	M12		
BT50-BM16-110	110		29	17	37	M16		
BT50-BM16-135	135				41			

BT MODULARES 0°

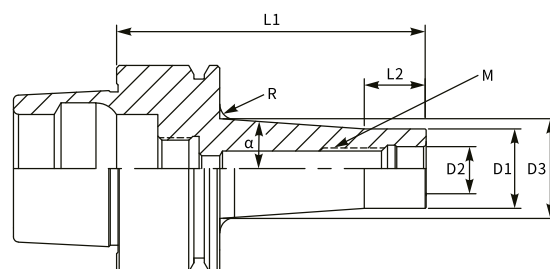
SK

G2,5
25.000
RPM


REFERÊNCIA	L1	L2	D1	D2	M	R
BT40-BDM08-110	110	83	15,4	8,5	M8	5
BT40-BDM10-110	110	83	19	10,5	M10	
BT40-BDM12-110	110	83	24	12,5	M12	
BT40-BDM16-110	110	83	29	17	M16	
BT50-BDM08-110	110	72	15,4	8,5	M8	10
BT50-BDM10-110	110	72	19	10,5	M10	
BT50-BDM12-110	110	72	24	12,5	M12	
BT50-BDM16-110	110	72	29	17	M16	



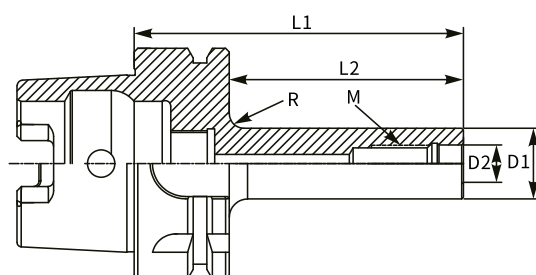
HSK - A MODULARES


G2,5
25.000
RPM


REFERÊNCIA	L1	L2	D1	D2	D3	M	a	R
HSK63A-BM08-110	110	12	15,4	8,5	28	M8	5°	5
HSK63A-BM10-110	110		19	10,5	29	M10	4°	
HSK63A-BM12-110	110		24	12,5	34	M12		
HSK63A-BM12-135	135		24		38			
HSK63A-BM16-110	110		29	17	39	M16		
HSK63A-BM16-135	135		29		43			

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HSK - A MODULARES 0°


G2,5
25.000
RPM


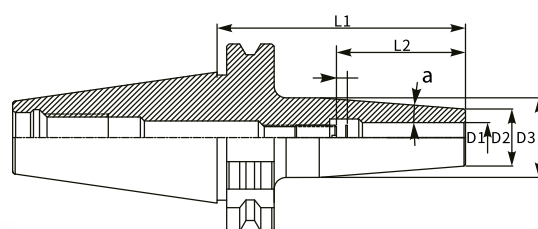
REFERÊNCIA	L1	L2	D1	D2	M	R
HSK63A-BDM08-110	110	84	15,4	8,5	M8	5
HSK63A-BDM10-110	110	84	19	10,5	M10	
HSK63A-BDM12-110	110	84	24	12,5	M12	
HSK63A-BDM16-110	110	84	29	17	M16	

CONES TÉRMICOS



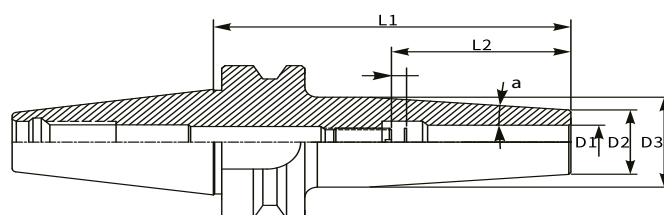


SK TÉRMICOS



REFERÊNCIA	D1	D2	D3	L1	L2	a
SK40-BSD04-120	4	10	19	120	20	3º
SK40-BSD04-160			23	160		
SK40-BSD06-120	6	12	21	120	36	
SK40-BSD06-160			25	160		
SK40-BSD08-120	8	14	23	120	42	
SK40-BSD08-160			26	160		
SK40-BSD10-120	10	16	24	120	47	
SK40-BSD10-160			28	160		
SK40-BSD12-120	12	18	27	120	47	
SK40-BSD12-160			30	160		
SK40-BD16-80	16	27	34	80	50	4,5º
SK40-BD20-80	20	33	42	80	52	
SK50-BD16-120	16	27	34	120	50	
SK50-BD20-120	20	33	42	120	52	

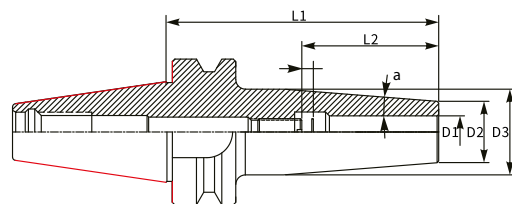
BT TÉRMICOS



REFERÊNCIA	D1	D2	D3	L1	L2	a
BT40-BSD04-120	4	10	19	120	20	3°
BT40-BSD04-160			23	160		
BT40-BSD06-120	6	12	21	120	36	
BT40-BSD06-160			25	160		
BT40-BSD08-120	8	14	23	120	42	
BT40-BSD08-160			26	160		
BT40-BSD10-120	10	16	24	120	47	
BT40-BSD10-160			28	160		
BT40-BSD12-120	12	18	27	120	50	
BT40-BSD12-160			30	160		
BT40-BD16-90	16	27	34	90	52	4,5°
BT40-BD20-90	20	33	42	90	50	
BT50-BD16-100	16	27	34	100	52	
BT50-BD20-100	20	33	42	100	50	

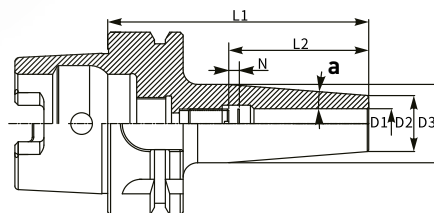


BBT



REFERÊNCIA	D1	D2	D3	L1	L2	a
BBT40-BSD04-120	4	10	19	90	20	3º
BBT40-BSD04-160			23	90		
BBT40-BSD06-120	6	12	21	120	36	
BBT40-BSD06-160			25	160		
BBT40-BSD08-120	8	14	23	120	42	
BBT40-BSD08-160			26	160		
BBT40-BSD10-120	10	16	24	120	42	4,5º
BBT40-BSD12-120	12	18	27	120	47	
BBT40-BSD12-160			30	160		
BBT40-BD16-90	16	27	34	90	50	
BBT40-BD20-90	20	33	42	90	52	

HSK-A TÉRMICOS

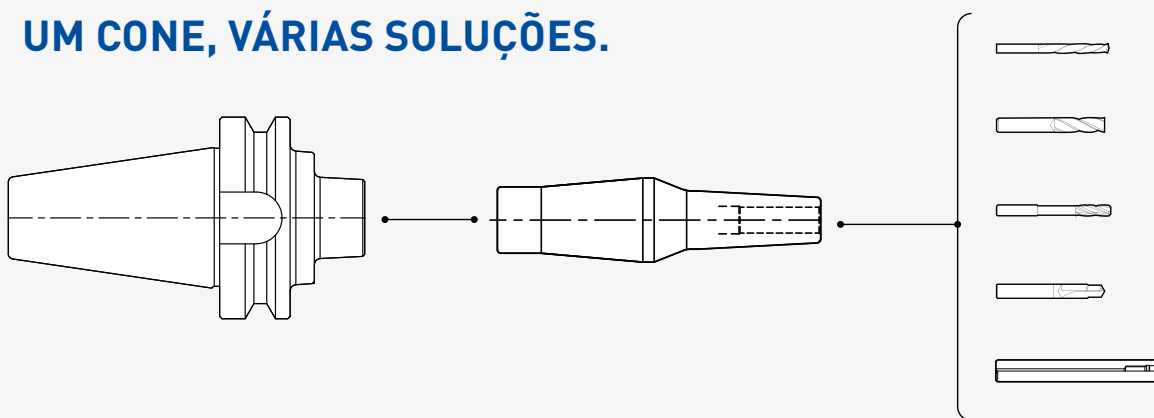


REFERÊNCIA	D1	D2	D3	L1	L2	a
HSK63A-BSD04-120	4	10	19	120	20	3°
HSK63A-BSD04-160			23	160		
HSK63A-BSD06-120	6	12	21	120	36	
HSK63A-BSD06-160			25	160		
HSK63A-BSD08-120	8	14	23	120	42	
HSK63A-BSD08-160			27	160		
HSK63A-BSD10-120	10	16	25	120		
HSK63A-BSD10-160			29	160		
HSK63A-BSD12-120	12	18	27	120	47	
HSK63A-BSD12-160			31	160		
HSK63A-BD16-95	16	27	34	95	50	4,5°
HSK63A-BD20-100	20	33	42	100		

CONES TÉRMICOS MODULARES

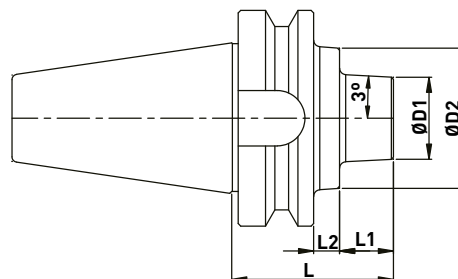


UM CONE, VÁRIAS SOLUÇÕES.





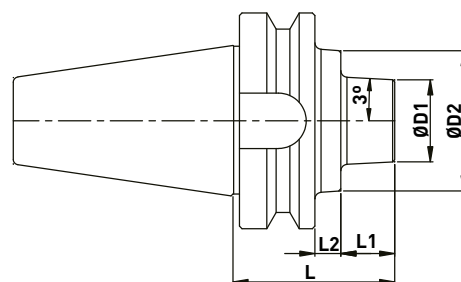
SK TÉRMICOS MODULARES



REFERÊNCIA	D1	D2	L	L1	L2
SK40-BSM12-075	38	-	75	48	-
SK40-BSM12-135	38	-	135	108	-
SK50-BSM12-135	38	65	135	85	12

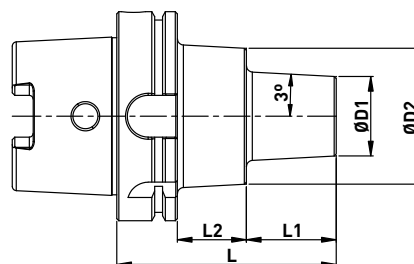
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BT TÉRMICOS MODULARES



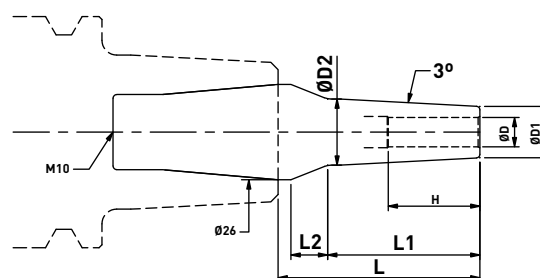
REFERÊNCIA	D1	D2	L	L1	L2
BT40-BSM12-75	38	-	75	48	-
BT40-BSM12-135		-	135	108	-
BT50-BSM12-105		65	105	55	12
BT50-BSM12-135			135	85	

HSK-A TÉRMICOS MODULARES



REFERÊNCIA	D1	D2	L	L1	L2
HSK63A-BSM12-75	38	-	75	49	-

EXTENSÃO MODULAR TÉRMICA



REFERÊNCIA	D	D1	D2	L	L1	L2	H
PT12-BSD04-80	4	10	17,1	80	67	9,5	12
PT12-BSD06-80	6	12	19,1				18
PT12-BSD08-80	8	14	21,1				25
PT12-BSD10-80	10	16	23,1				30
PT12-BSD12-80	12	20	22,5		-	-	

BT../SK../DIN../HSK..



Hidráulico



Alto Aperto (C32/C20)



Porta- Pinças



Porta-Fresas (Chaveta)

B2YOU 

BT../SK../DIN../HSK..

OUTROS CONES



Porta-Brocas



Porta-Brocas



Porta- Bússola



Weldon



CHAVE DINAMOMÉTRICA



HF 60.000 RPM



CARACTERÍSTICAS:

- Alimentação Via Conversor;
- Tolerância 1<um;
- Aperto até 6 mm;
- Motor até 60.000 Rpm Power 370 W;
- Disponível BT/SK/DIN2080/HSK.

REFERÊNCIA	L1	L2	L3	MAX. SPEED	MÁX. POTÊNCIA	MÁX. TORQUE
MKZ01	150	75	65.4	60.000 MIN-1	370W	8.82CN-M

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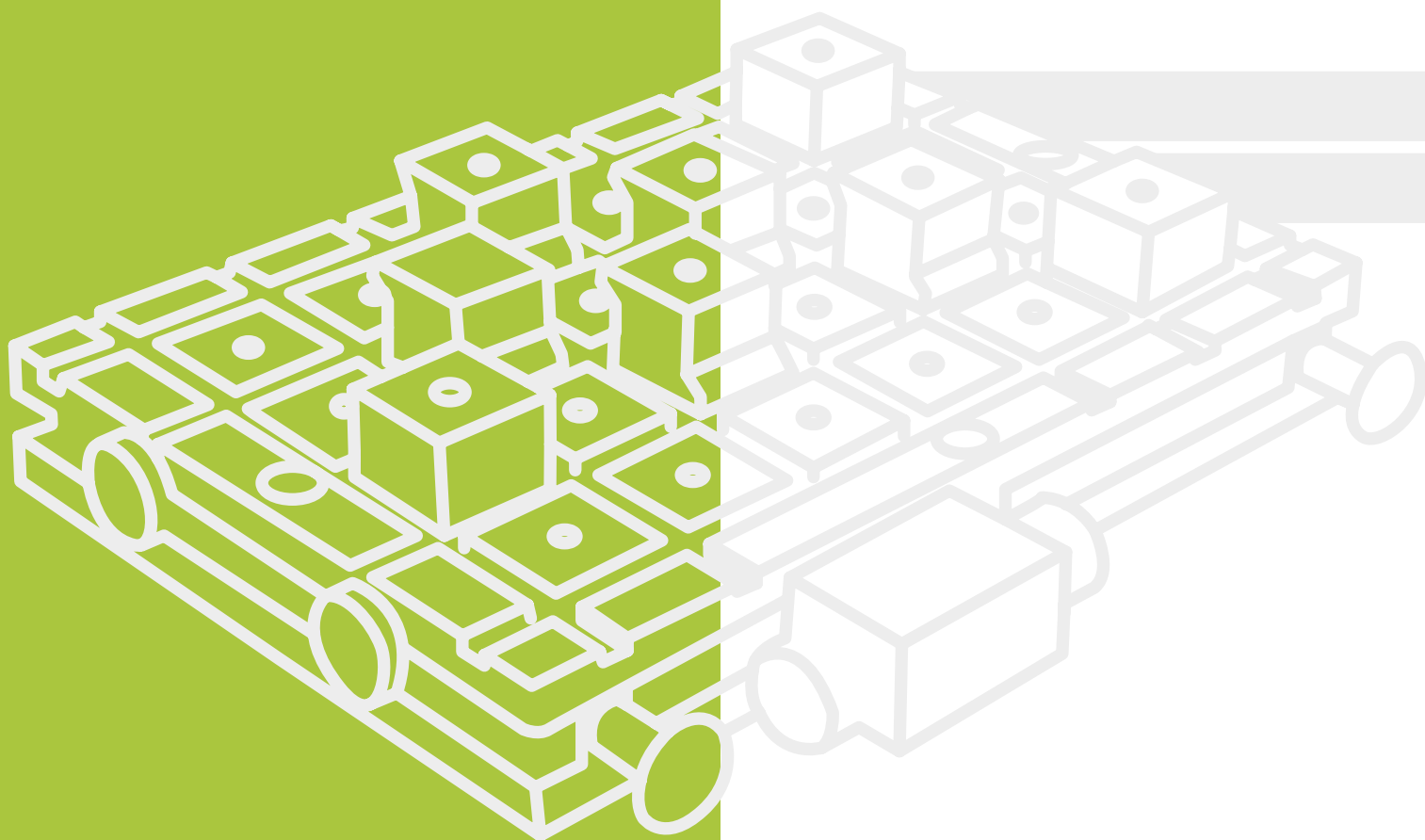
MÁQUINA TÉRMICA



CARACTERÍSTICAS:

- Dimensão 33 x 40 x 36 cm;
- Peso: 16,9 Kg;
- 220 V/1.8 KW;
- Aperto 3~20 mm;
- Refrigeração a ar;
- Montagem horizontal;
- Maior facilidade de aperto.

EQUIPAMENTO CNC



MAGNÉTICO 74

PRENSAS 76



MAGNASLOT - MESA MAGNÉTICA DE FIXAÇÃO



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*Para mais informação consultar catálogo específico do produto.



ELIFT - ÍMAN ELEVAÇÃO DE CARGA

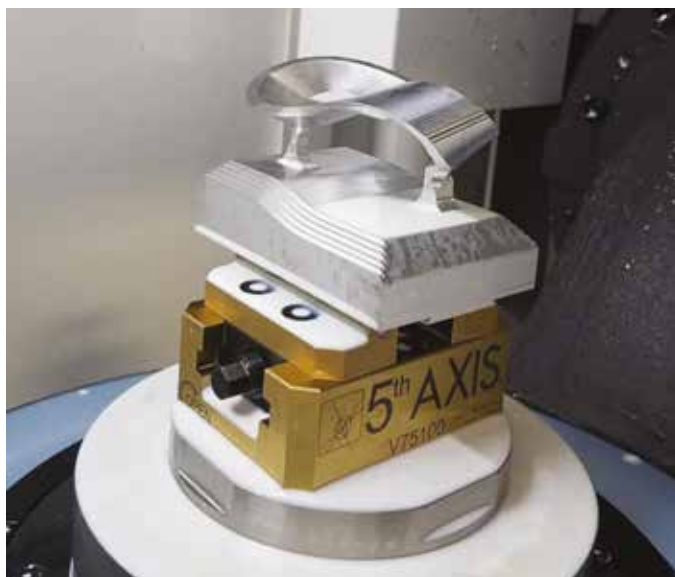


CARACTERÍSTICAS (ELIFT)

- Operação bimanual através de alavanca manual e bloqueio de segurança;
- Temperatura de utilização até 80 °C;
- Utilização de materiais magnéticos de neodímio duradouros e extremamente fortes;
- Formato compacto e robusto, peso próprio reduzido;
- Sem manutenção.

REFERÊNCIA	DIMENSÕES [AXBXCXDxE]	KG ☐
50871	105X70X133X72X153	100 KG
34858	160X90X195X88X168	300 KG
34859	220X100X255X104X184	500 KG
34860	310X121X332X128X243	1000 KG
34862	390X182X442X176X356	2000 KG
43161	509X225X545X176X390	3000 KG
42037	520X370X564X321X571	5000 KG

*Para mais informação consultar catálogo específico do produto.



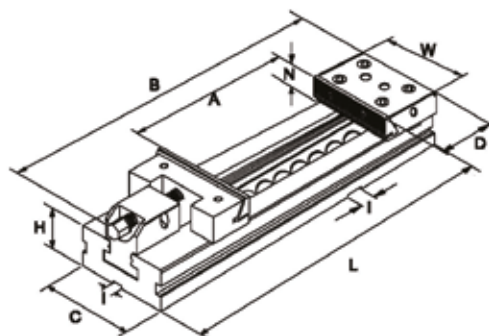
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*Para mais informação consultar catálogo específico do produto.

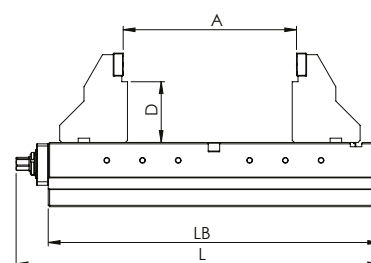
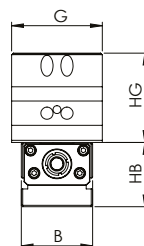


PRENSAS PREMIUM-LINE/ECO-LINE



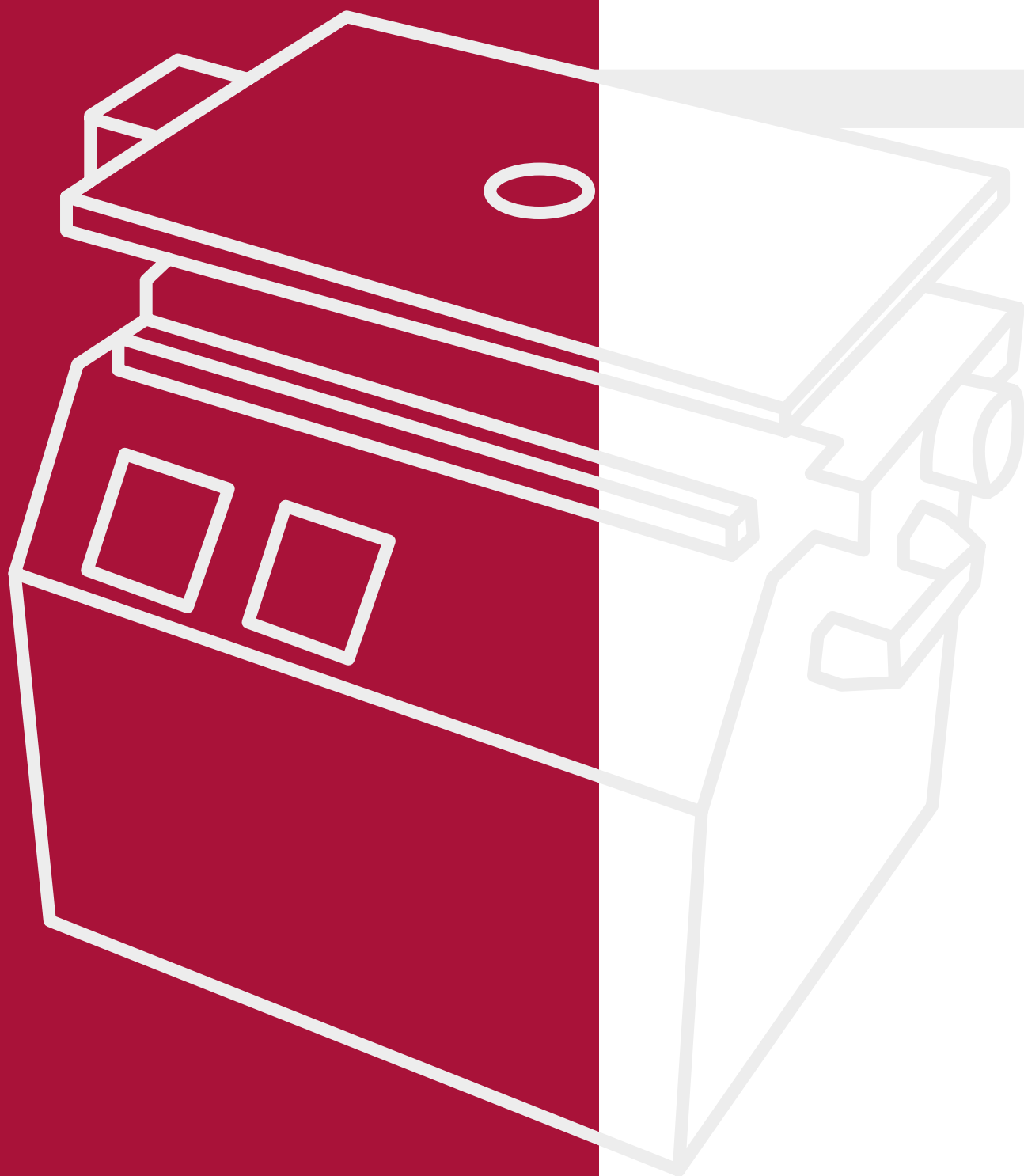
*Para mais informação consultar catálogo específico do produto.

PRENSAS PREMIUM-LINE 5 EIXOS



*Para mais informação consultar catálogo específico do produto.

MÁQUINAS PERIFÉRICAS





PNEUMÁTICO - BRAÇO DE ROSCAR



REFERÊNCIA	MÉTRICA	S (RPM)	
A12-10312	M3 ~ M12	400	RMAX950MM/RMIN100MM
A16-10316	M3 ~ M16	300	RMAX1000MM/RMIN100MM
A27-10324	M3 ~ M24	70 / 220	RMAX1000MM/RMIN100MM



HIDRÁULICO - BRAÇO DE ROSCAR



CARACTERÍSTICAS:

- Movimento na horizontal, vertical e em ângulo;
- Troca rápida da guia;
- Resistente à corrosão;
- Tranca nas rodas;
- Painel de controlo ergonómico;
- Ventoíinha de arrefecimento;



MÁQUINAS DE CORTE, RETIFICAÇÃO E CHANFRAR



MÁQUINA DE CORTAR EXTRACTORES

- até Ø 25mm
- Comprimento total 600mm
- Máquina Rígida e Precisa
- Corta e Rectifica Extractores



MÁQUINA DE CHANFRAR



MÁQUINA DE AFIAR UNIVERSAL

- Ø2mm ~ Ø25mm;
- Estrutura Sólida, Estável
- Excelente Afição Ângulos Corte
- Aplicável Fresas/Brocas, MD e HSS



MÁQUINA DE CORTAR BURIS/FRESAS/BROCAS

- Ø3mm ~ Ø16mm;
- Estrutura Sólida, Estável
- Aplicável em MD e HSS



MÁQUINA DE AFIAR BROCAS

- Ø12mm ~ Ø26mm;
- Estrutura Sólida, Estável
- Excelente Afição Ângulos Corte
- Aplicável em Brocas MD e HSS



MÁQUINA DE AFIAR FRESAS

- Ø13mm ~ Ø25mm;
- Estrutura Sólida, Estável
- Excelente Afição Ângulos Corte
- Aplicável em Fresas MD e HSS



MÁQUINA DE AFIAR BROCAS

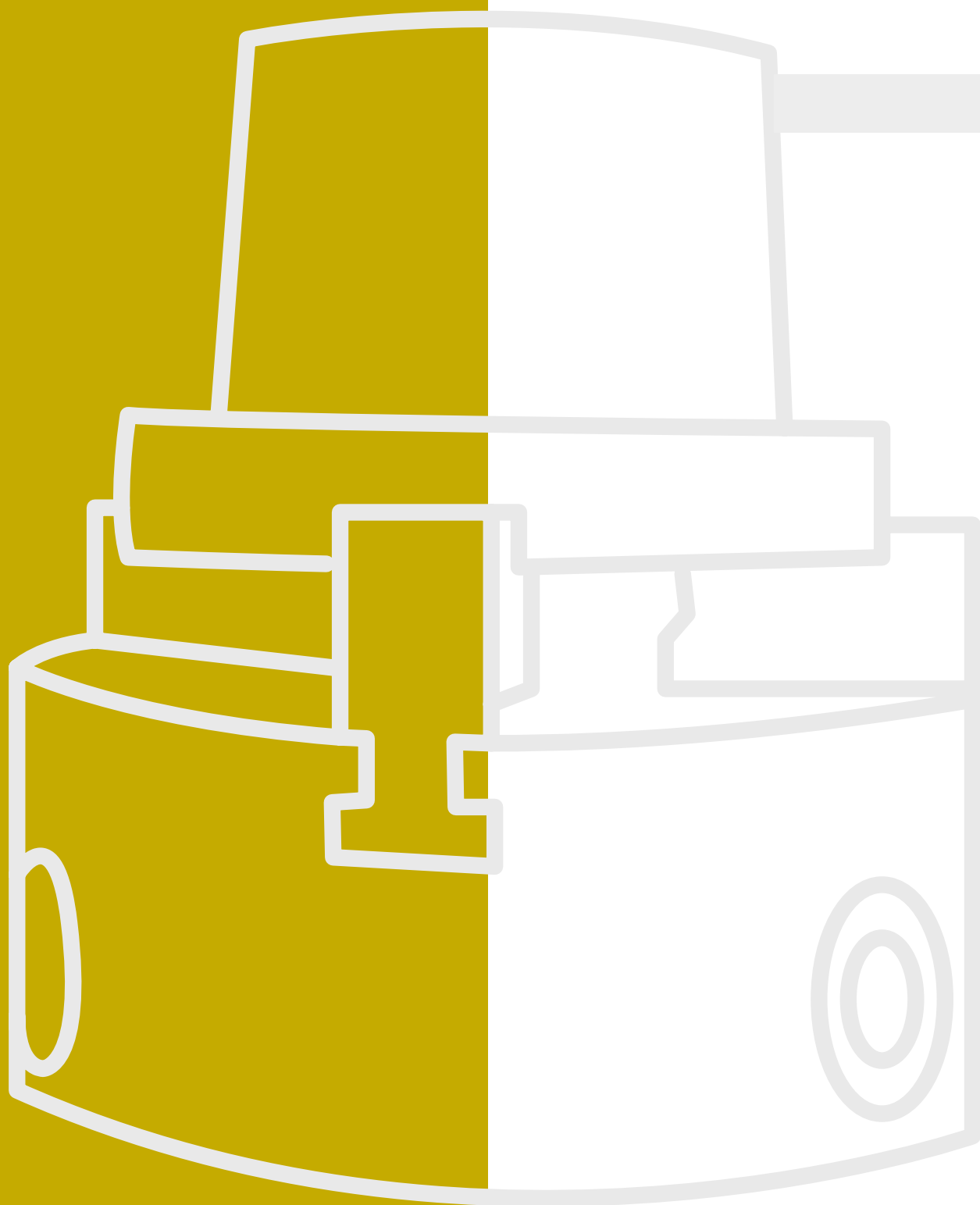
- Ø2mm ~ Ø13mm;
- Estrutura Sólida, Estável
- Excelente Afição Ângulos Corte
- Aplicável em Brocas MD e HSS



MÁQUINA DE AFIAR FRESAS

- Ø4mm ~ Ø13mm;
- Estrutura Sólida, Estável
- Excelente Afição Ângulos Corte
- Aplicável em Fresas MD e HSS

INSTRUMENTOS E ACESSÓRIOS





CENTRADOR



REFERÊNCIA	DIMENSÕES [LXWXH MM]
WH1020	83 X 20 X 10
WH1020A	86 X 20 X 10
ME1020 (SEMPONTA CERÂMICA)	83 X 20 X 10

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COMPARADOR ALTURA Z AXIAL



REFERÊNCIA	DIMENSÕES [LXWXUNIT:MM]
80553-5050	50X63X63
80553-100100	100X50X50



COMPARADOR EXTERIOR



REFERÊNCIA	Ø	LEITURA [MM]	ALCANCE [MM]	ALCANCE VOLTA [MM]
M2T	58	0.01	10	1

B2YOU

COMPARADOR INTERIOR



REFERÊNCIA	Ø	LEITURA [MM]	ALCANCE [MM]
K30	32	0.01	0.8



CONTACTOS

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Marinha Grande
(+351) 244 024 562

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www.b2you.pt



“Os valores dos produtos apresentados são susceptíveis a alterações sem aviso prévio.”