



CATÁLOGO PASTILHAS PARA SOLDA

GRUPO



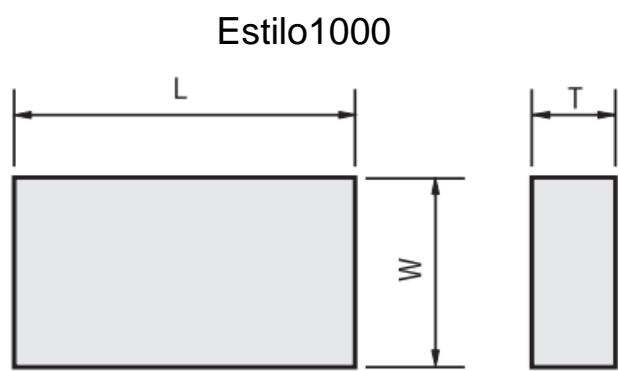
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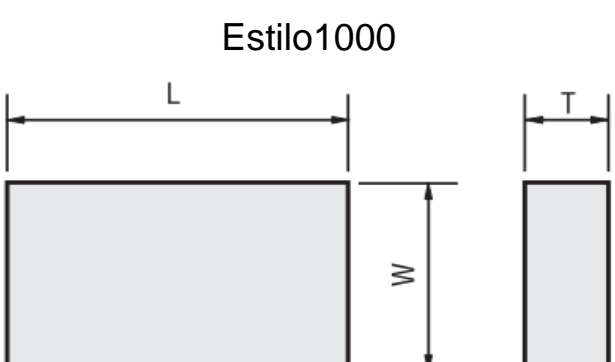
PASTILHA DE METAL DURO NORMA ASA

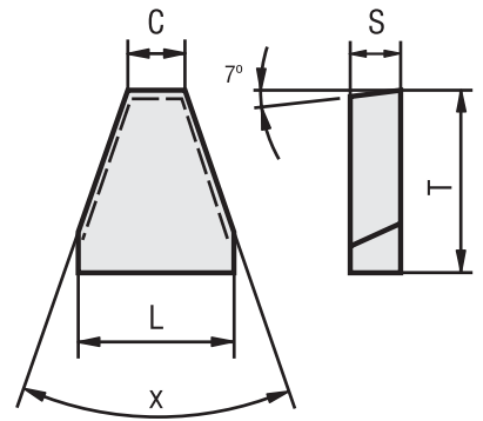
FORMATO ASA	CÓDIGO	Dimensões (mm)			
		T	W	L	R
	1010	1.6	3.2	15.9	3.2
	1020	1.6	4.8	6.4	3.2
	1030	1.6	6.4	7.9	3.2
	1040	2.4	4.8	7.9	3.2
	1050	2.4	4.8	12.7	3.2
	1060	2.4	6.4	9.5	3.2
	1070	2.4	6.4	12.7	3.2
	1080	2.4	7.9	9.5	4.8
	1090	2.4	9.5	9.5	4.8
	1100	2.4	9.5	12.7	4.8
	1105	2.4	11.1	12.7	6.4
	1110	3.2	4.8	19.1	3.2
	1120	3.2	6.4	12.7	3.2
	1130	3.2	6.4	15.9	3.2
	1140	3.2	6.4	19.1	3.2
	1150	3.2	7.9	11.1	4.8
	1160	3.2	7.9	12.7	4.8
	1170	3.2	7.9	15.9	4.8



PASTILHA DE METAL DURO

NORMA ASA

FORMATO ASA	CÓDIGO	Dimensões (mm)			
		T	W	L	R
	1180	3.2	9.5	12.7	4.8
	1190	3.2	9.5	19.1	4.8
	1200	3.2	12.7	12.7	6.4
	1210	3.2	12.7	19.1	6.4
	1215	3.2	19.1	19.1	6.4
	1220	4	9.5	14.3	4.8
	1230	4	9.5	19.1	4.8
	1240	4	15.9	15.9	6.4
	1250	4.8	7.9	11.1	4.8
	1260	4.8	7.9	15.9	4.8
	1270	4.8	9.5	12.7	4.8
	1280	4.8	9.5	15.9	4.8
	1290	4.8	9.5	19.1	4.8
	1300	4.8	11.1	15.9	6.4
	1310	4.8	11.1	20.6	6.4
	1320	4.8	12.7	12.7	6.4
1330	4.8	12.7	19.1	6.4	
1340	4.8	19.1	19.1	6.4	

FORMATO ASA	CÓDIGO	Dimensões (mm)					
		L	T	S	R	X	
	PGA	A104	25.4	15.9	7.9	5.0	34°
		A108	25.4	15.9	7.9	4.2	38°
	PGB	B204	28.6	19.1	7.9	7.2	34°
		B208	28.6	19.1	7.9	6.4	38°
	PGC	C304	38.1	25.4	7.9	10.2	34°
		C308	38.1	25.4	7.9	9.1	38°

PASTILHA DE METAL DURO

DIN 4966

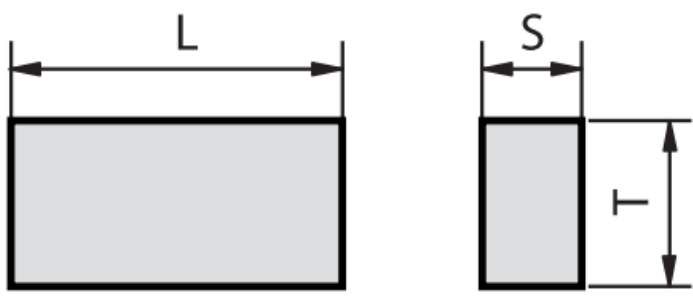
FORMATO DIN 4966	CÓDIGO	Dimensões (mm)				
		L	T	S	R	
	F	4	4.0	12.0	2.0	2.0
	5	5.0	14.0	2.5	2.5	
	6	6.0	16.0	3.0	3.0	
	8	8.0	18.0	4.0	4.0	
	10	10.0	20.0	5.0	5.0	
	12	12.0	25.0	6.0	6.0	

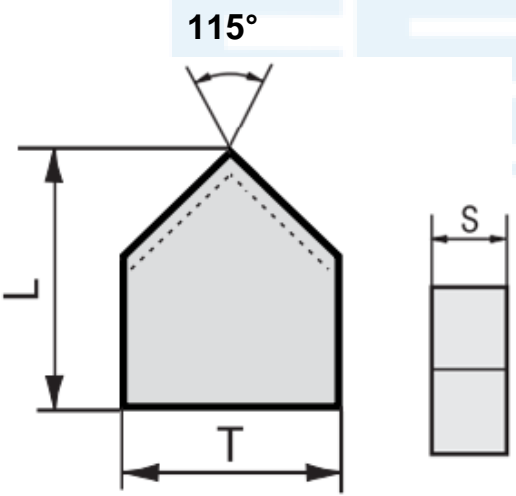
FORMATO DIN 4966	CÓDIGO	Dimensões (mm)				
		L	T	S	R	
	GH	6	6.0	4.0	2.0	2.5
	8	8.0	5.0	2.0	3.0	
	10	10.0	6.0	2.5	4.0	
	12	12.0	8.0	3.0	5.0	
	16	16.0	10.0	4.0	6.0	

FORMATO DIN 4966	CÓDIGO	Dimensões (mm)			
		L	T	S	
	J	6	6.0	4.0	2.0
	8	8.0	5.0	2.0	
	10	10.0	6.0	2.5	
	12	12.0	8.0	3.0	
	16	16.0	10.0	4.0	

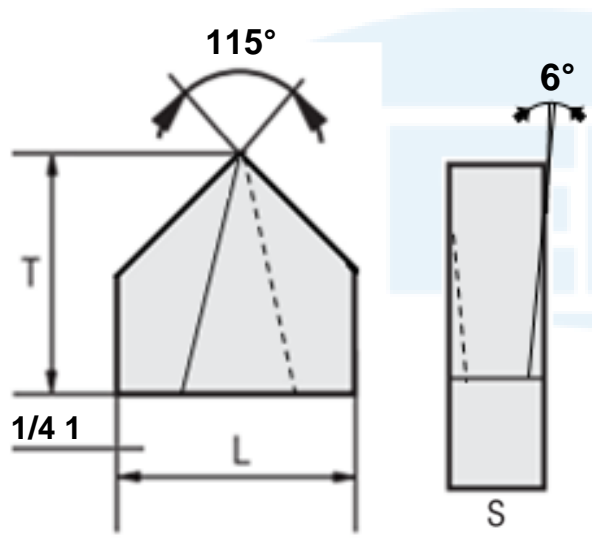
FORMATO DIN 4966	CÓDIGO	Dimensões (mm)				
		L	S	R	T	
	K ou L	8	8.0	2.0	3.0	4.0
	10	10.0	2.5	3.0	5.0	
	12	12.0	3.0	4.0	6.0	
	16	16.0	4.0	5.0	8.0	
	20	20.0	5.0	6.0	10.0	

PASTILHA DE METAL DURO DIN 8010

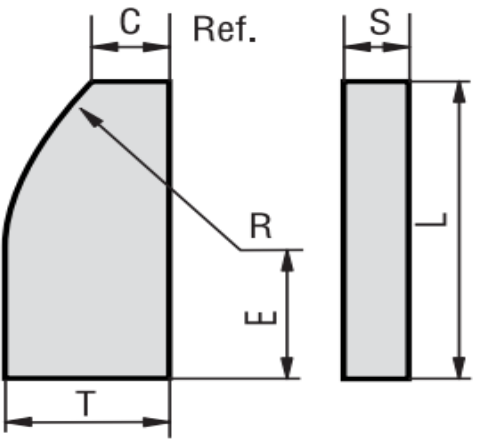
FORMATO DIN 8010	CÓDIGO	Dimensões (mm)				
		Ø Broca	L	T	S	
	P	1.5	1.50	2.0	3.0	0.2
		2.0	2.00	2.5	3.5	0.3
		2.5	2.50	3.0	4.0	0.4
		3.0	3.00	3.5	4.5	0.5
		3.5	3.50	4.0	4.5	0.5

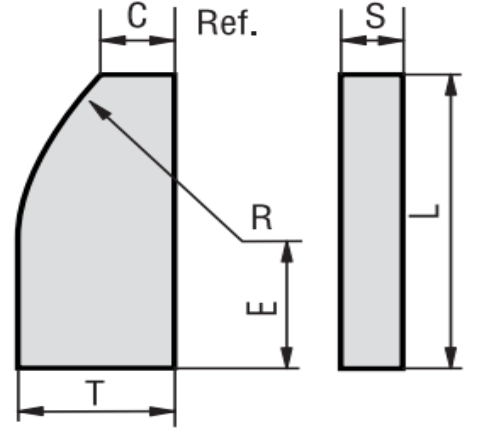
FORMATO DIN 8010	CÓDIGO	Dimensões (mm)				
		Ø Broca	L	T	S	
	P	4.0	4.00	4.5	5.0	0.7
		4.5	4.50	5.0	5.0	0.7
		5.0	5.00	5.5	5.6	0.7
		5.5	5.50	6.0	6.0	0.8
		6.0	6.00	6.5	6.0	0.8
		6.5	6.50	7.0	6.3	1.0
		7.0	7.00	7.5	6.3	1.0
		7.5	7.50	8.0	7,1	1.4

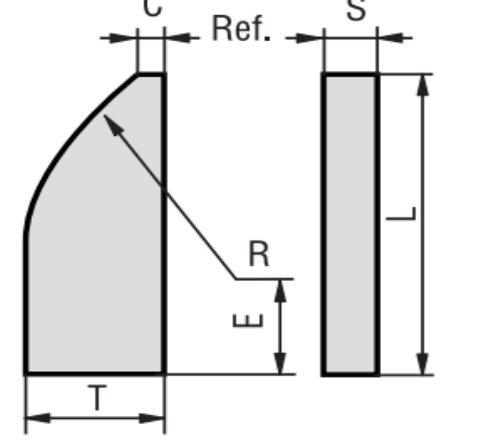
PASTILHA DE METAL DURO DIN 8010

FORMATO DIN 8010	CÓDIGO	Dimensões (mm)				
		Ø Broca	L	T	S	
		8.0	8.00	8.5	7.1	1.4
		8.5	8.50	9.0	8.0	1.8
		9.0	9.00	9.5	8.0	1.8
		9.5	9.50	10.0	8.5	1.8
		10.0	10.00	10.5	8.5	2.0
		10.5	10.50	11.3	9.5	2.0
		11.0	11.00	11.8	9.5	2.0
		11.5	11.50	12.3	10.6	2.2
		12.0	12.00	12.8	10.6	2.2
		13.0	13.00	13.8	12.5	2.2
		14.0	14.00	14.8	12.5	2.2
		15.0	15.00	15.8	14.0	2.5
		16.0	16.00	16.8	14.0	2.5
		17.0	17.00	17.8	16.0	2.7
		18.0	18.00	18.8	16.0	2.7
		19.0	19.00	19.8	18.0	3.2
		20.0	20.00	20.8	18.0	3.2
		21.0	21.00	22.0	18.0	3.2
		22.0	22.00	23.0	19.0	3.6
		23.0	23.00	24.0	19.0	3.6
		24.0	24.00	25.0	20.0	4.1
		25.0	25.00	26.0	20.0	4.1
		26.0	26.00	27.0	21.2	4.1
		27.0	27.00	28.0	21.2	4.1
		28.0	28.00	29.0	22.4	4.6
		29.0	29.00	30.0	22.4	4.6
		30.0	30.00	31.0	22.4	4.6

PASTILHA DE METAL DURO DIN 8011

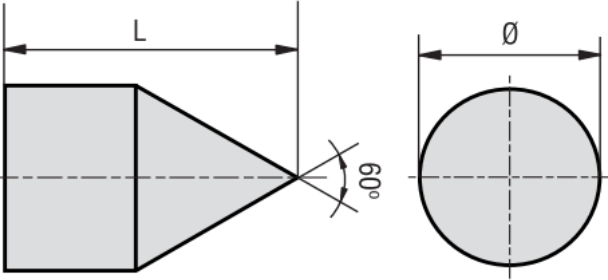
FORMATO DIN 8011	CÓDIGO	Dimensões (mm)					
		L	T	S	R	C	E
	12	12.0	2.0	0.8	25.0	5.0	1.0
	16	16.0	2.5	1.2	25.0	7.1	0.8
	19	19.0	3.0	1.4	25.0	9.0	0.9
	22	22.0	3.5	1.8	25.0	11.2	1.0
	25	25.0	4.0	2.2	25.0	15.0	1.9
	30	30.0	5.0	2.8	25.0	18.0	1.9

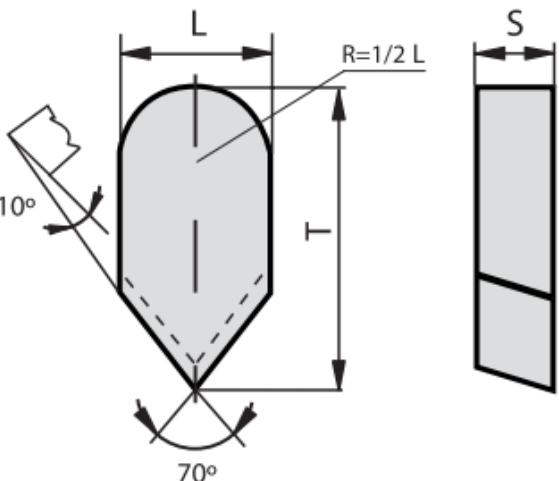
FORMATO DIN 8011	CÓDIGO	Dimensões (mm)					
		L	T	S	R	C	E
	12	12.0	3.0	1.2	15.0	4.5	1.0
	16	16.0	3.5	1.6	15.0	7.5	0.9
	19	19.0	4.5	2.0	25.0	7.5	1.7
	22	22.0	5.6	2.5	25.0	9.5	2.3
	25	25.0	8.0	2.8	25.0	10.0	3.0

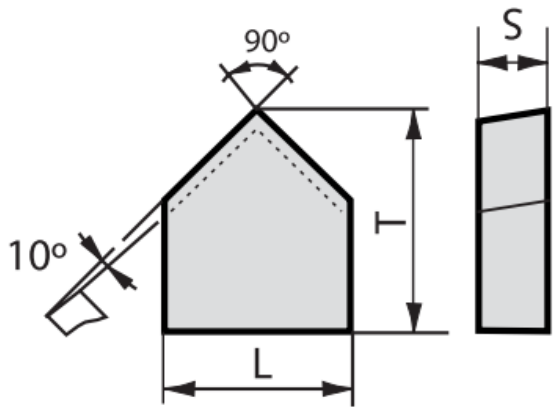
FORMATO DIN 8011	CÓDIGO	Dimensões (mm)					
		L	T	S	R	C	E
	12	12.0	5.6	1.2	15.0	1.4	1.2
	16	16.0	6.7	1.6	15.0	4.0	0.7
	19	19.0	8.0	2.0	25.0	2.5	1.8
	22	22.0	11.2	2.5	25.0	2.8	2.2
	25	25.0	14.0	2.8	25.0	4.0	2.6

PASTILHA DE METAL DURO

DIN 8012 e SMS

FORMATO DIN 8012	CÓDIGO	Dimensões (mm)	
			L
	Ø	5	12.0
		7	14.0
		11	20.0
		14	22.0
		18	30.0

FORMATO SMS	CÓDIGO	Dimensões (mm)				
		L	T	S	R	
	E	12	4.0	12.0	3.0	2.0
		14	5.0	14.0	3.0	2.5
		16	6.0	16.0	3.0	3.0
		18	8.0	18.0	4.0	4.0
		20	10.0	20.0	5.0	5.0
		25	12.0	25.0	6.0	6.0
		32	16.0	32.0	8.0	8.0

FORMATO SMS	CÓDIGO	Dimensões (mm)			
		L	T	S	
	F	10	10.0	12.0	4.0
		13	13.0	15.0	4.0
		16	16.0	18.0	5.0
		20	20.0	20.0	7.0
		25	25.0	25.0	8.0
		30	30.0	30.0	9.0
		40	40.0	35.0	10.0
		50	50.0	40.0	10.0
60	60.0	45.0	10.0		

PASTILHA DE METAL DURO SMS

FORMATO SMS	CÓDIGO	Dimensões (mm)				
		L	T	S	R	
	G	8	8.0	12.0	4.0	1.0
		10	10.0	14.0	4.0	1.5
		12	12.0	17.0	5.0	2.5
		16	16.0	20.0	6.0	3.5
		20	20.0	24.0	6.0	4.5
		25	25.0	28.0	8.0	6.0
		30	30.0	34.0	10.0	8.0

FORMATO SMS	CÓDIGO	Dimensões (mm)			
		L	T	S	
	H	50	50.0	20.0	10.0

FORMATO SMS	CÓDIGO	Dimensões (mm)			
		L	T	S	
	K	2.5	2.5	15.0	4.0
		3.5	3.5	15.0	4.0
		4.5	4.5	15.0	4.0
		5.5	5.5	15.0	4.0
		6.5	6.5	15.0	4.0
		7.5	7.5	15.0	4.0
		8.5	8.5	20.0	6.0
		9.5	9.5	20.0	6.0
		10.5	10.5	20.0	6.0
12.8	12.8	20.0	6.0		

PASTILHA DE METAL DURO SMS

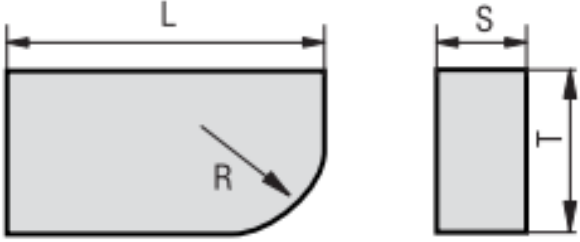
FORMATO SMS	CÓDIGO	Dimensões (mm)				
		L	T	S	R	
	L	20	20.0	7.0	7.0	8.0
		25	25.0	8.0	8.0	10.0
		30	30.0	9.0	9.0	12.0

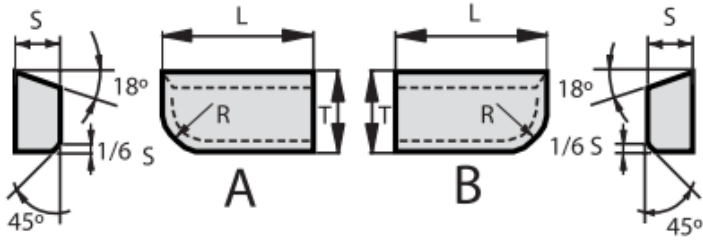
FORMATO SMS	CÓDIGO	Dimensões (mm)				
		L	T	S	R	
	M	20	20.0	6.0	4.0	3.0
		25	25.0	6.0	5.0	3.0
		30	30.0	8.0	6.0	4.0

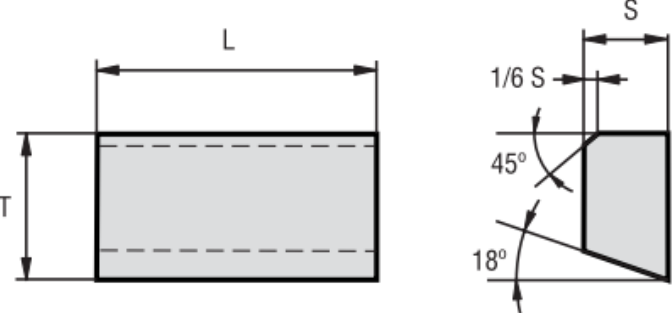
FORMATO SMS	CÓDIGO	Dimensões (mm)					
		L	T	S	C	X	
	CR	12	12.0	15.0	5.0	4.6	30°
		16	16.0	18.0	6.0	5.5	32°
		20	20.0	22.0	6.0	7.2	33°
		25	25.0	30.0	8.0	9.5	34°
		35	35.0	40.0	10.0	15.2	34°

PASTILHA DE METAL DURO

ISO - R.242

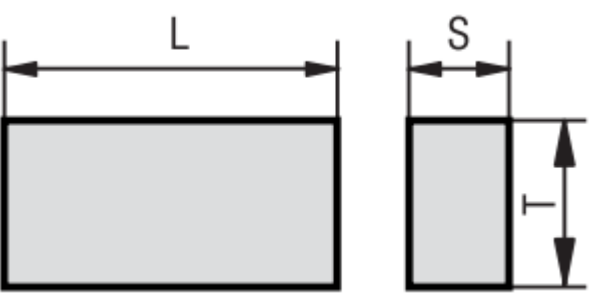
FORMATO ISO-R.242	CÓDIGO	Dimensões (mm)				
		L	T	S	R	
	AB	5	5.0	3.0	2.0	2.0
		6	6.0	4.0	2.5	2.5
		8	8.0	5.0	3.0	3.0
		10	10.0	6.0	4.0	4.0
		12	12.0	8.0	5.0	5.0
		16	16.0	10.0	6.0	6.0
		20	20.0	12.0	7.0	7.0

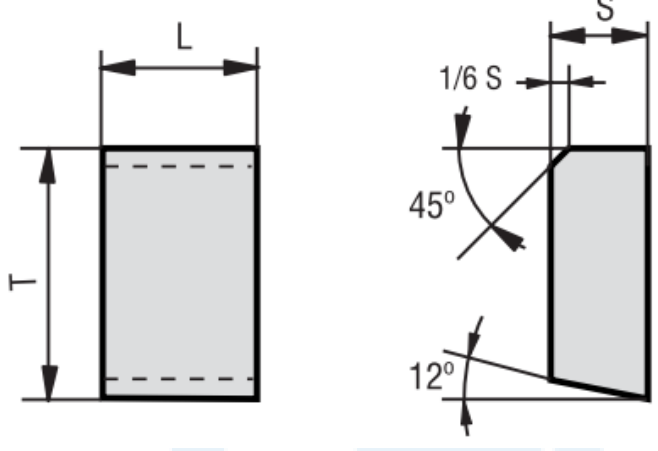
FORMATO ISO-R.242	CÓDIGO	Dimensões (mm)				
		L	T	S	R	
	A OU B	12	12.0	8.0	5.0	5.0
		16	16.0	10.0	6.0	6.0
		20	20.0	12.0	7.0	7.0
		25	25.0	14.0	8.0	8.0
		32	32.0	18.0	10.0	10.0
		40	40.0	22.0	12.0	12.0
		50	50.0	25.0	14.0	14.0

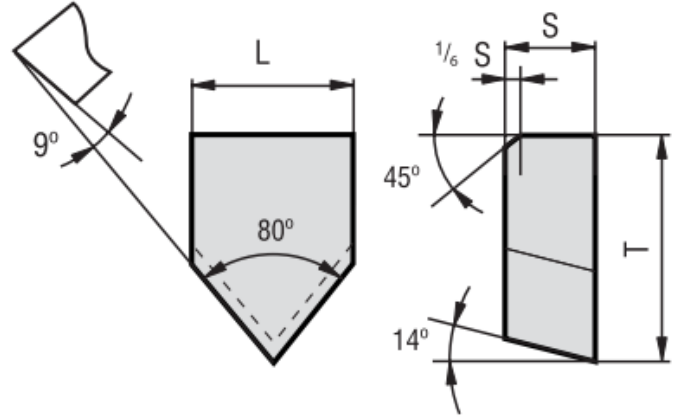
FORMATO ISO-R.242	CÓDIGO	Dimensões (mm))				
		L	T	S	R	
	C	12	12.0	12.0	8.0	5.0
		16	16.0	16.0	10.0	6.0
		20	20.0	20.0	12.0	7.0
		25	25.0	25.0	14.0	8.0
		35	35.0	32.0	18.0	10.0
		40	40.0	40.0	22.0	12.0
		50	50.0	50.0	25.0	14.0

PASTILHA DE METAL DURO

ISO - R.242

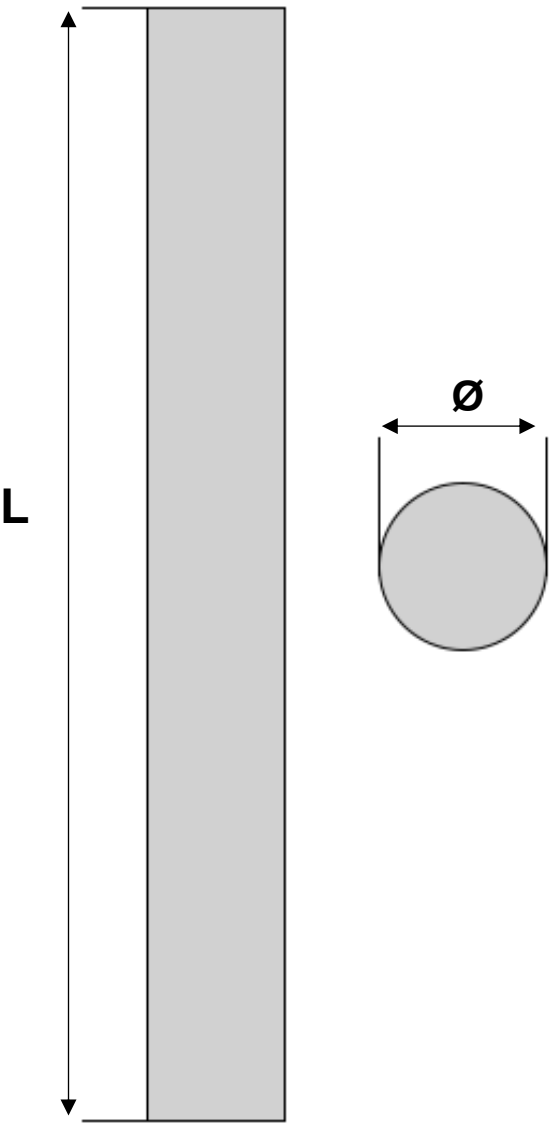
FORMATO ISO-R.242	CÓDIGO	Dimensões (mm)			
		L	T	S	
	C	5	5.0	3.0	2.0
		6	6.0	4.0	0.3
		8	8.0	5.0	3.4
		10	10.0	6.0	14.0

FORMATO ISO-R.242	CÓDIGO	Dimensões (mm)			
		L	T	S	
	D	3	3.5	8.0	3.0
		4	4.5	10.0	4.0
		5	5.5	12.0	5.0
		6	6.5	14.0	6.0
		8	8.5	16.0	8.0
		10	10.5	18.0	10.0
		12	12.5	20.0	12.0

FORMATO ISO-R.242	CÓDIGO	Dimensões (mm)			
		L	T	S	
	E	4	4.0	10.0	2.5
		5	5.0	12.0	3.0
		6	6.0	14.0	3.5
		8	8.0	16.0	4.0
		10	10.0	18.0	5.0
		12	12.0	20.0	6.0
		16	16.0	22.0	7.0
		20	20.0	25.0	8.0
		25	25.0	28.0	9.0
		32	32.0	32.0	10.0

CILINDRO RETIFICADO METAL DURO

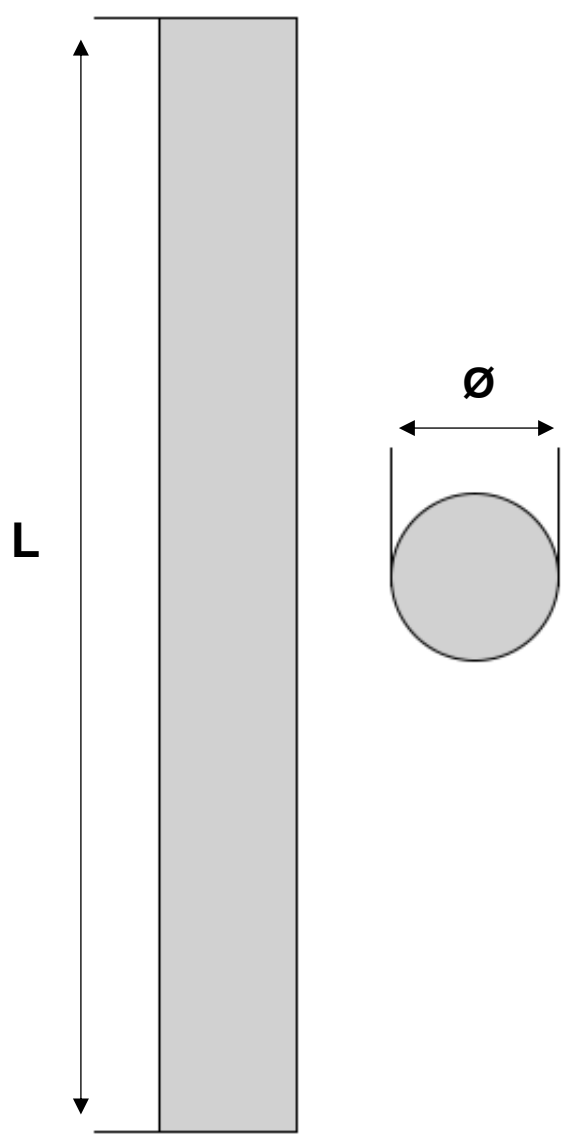
CLASSE: K10

Cilindro Retificado Metal Duro	Dimensões (mm)	
	Ø	L
	3.00	100.0
	4.00	100.0
	5.00	100.0
	6.00	100.0
	7.00	100.0
	8.00	100.0
	9.00	100.0
	10.00	100.0
	12.00	100.0
	14.00	100.0
	16.00	100.0
	18.00	100.0
	20.00	100.0
22.00	100.0	
25.00	100.0	

CILINDRO RETIFICADO METAL DURO

CLASSE: K10

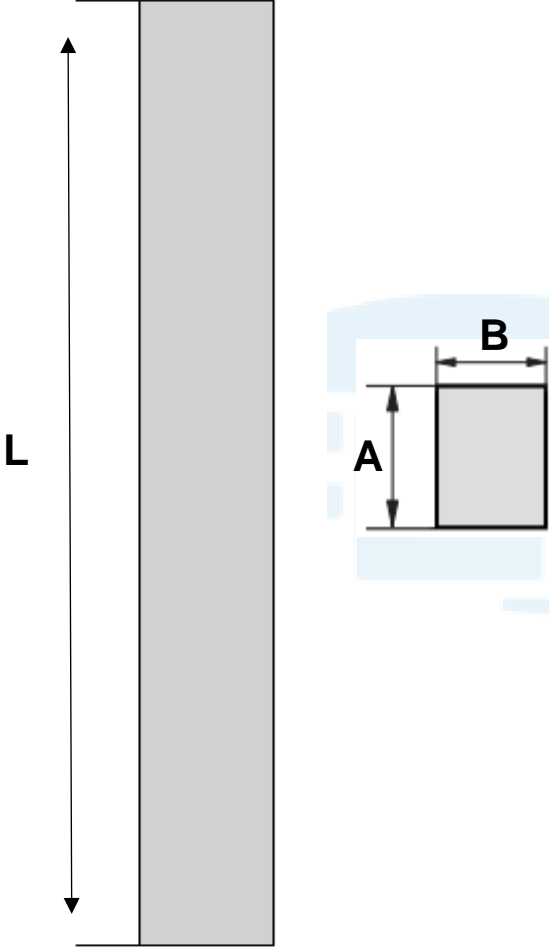
Cilindro Retificado Metal Duro	Dimensões (mm)	
	Ø	L
	2	330.0
	3.00	330.0
	4.00	330.0
	5.00	330.0
	6.00	330.0
	7.00	330.0
	8.00	330.0
	9.00	330.0
	10.00	330.0
	11.00	330.0
	12.00	330.0
	13.00	330.0
	14.00	330.0
	15.00	330.0
	16.00	330.0
	17.00	330.0
	18.00	330.0
	19.00	330.0
	20.00	330.0
	21.00	330.0
	22.00	330.0
	24.00	330.0
	25.00	330.0




The technical drawing shows a vertical cylinder with a length dimension 'L' indicated by a double-headed arrow on the left. To the right, a circular cross-section of the cylinder is shown with a diameter dimension 'Ø' indicated by a double-headed arrow.

BITS METAL DURO


CLASSE: P30 ou K10

Bits de Metal Duro	Dimensões (mm)		
	A	B	L
	3.00	3.00	100.0
	4.20	4.20	100.0
	4.20	4.20	73.0
	4.50	4.50	73.0
	5.00	5.00	100.0
	6.00	6.00	100.0
	6.35	6.35	100.0
	6.50	6.50	100.0
	7.00	7.00	100.0
	8.00	8.00	100.0
	8.00	8.00	46.0
	10.00	10.00	100.0
	12.00	12.00	100.0
	12.00	16.00	45.0
	14.00	14.00	100.0
	16.00	16.00	100.0
20.00	20.0	100.0	

STB DE METAL DURO

STB de Metal Duro	ESTILO	T	W	L
	STB 12	0.8	1.6	25.4
	STB 13	1.2	2.4	25.4
	STB 13 A	1.2	2.4	20.6
	STB 24 A	1.6	3.2	25.4
	STB 24 B	1.6	3.2	76.2
	STB 24 C	1.6	3.2	31.8
	STB 26 A	1.6	4.8	25.4
	STB 26 C	1.6	4.8	76.2
	STB 28 A	1.6	6.4	25.4
	STB 28 B	1.6	6.4	31.8
	STB 28 D	1.6	6.4	76.2
	STB 206	1.6	4.8	152.4
	STB 208	1.6	6.4	152.4
	STB 210	1.6	7.9	152.4
	STB 212	1.6	9.5	152.4
	STB 216	1.6	12.7	152.4
	STB 220	1.6	15.9	152.4
	STB 224	1.6	19.1	152.4
	STB 228	1.6	22.2	152.4
	STB 14	2.4	3.2	28.6
	STB 34	2.4	3.2	127.0
	STB 36	2.4	4.8	28.6
	STB 36 A	2.4	4.8	31.8
	STB 38 A	2.4	6.4	25.4
	STB 38 B	2.4	6.4	38.1


STB DE METAL DURO

STB de Metal Duro	ESTILO	T	W	L
	STB 38 D	2.4	6.4	127.0
	STB 310	2.4	7.9	152.4
	STB 310 A	2.4	7.9	50.8
	STB 310 B	2.4	7.9	76.2
	STB 310 C	2.4	7.9	127.0
	STB 312	2.4	9.5	127.0
	STB 340	2.4	31.8	152.4
	STB 348	2.4	38.1	152.4
	STB 46	3.2	4.8	152.4
	STB 48 A	3.2	6.4	25.4
	STB 48 B	3.2	6.4	31.8
	STB 48 C	3.2	6.4	57.2
	STB 48 D	3.2	6.4	76.2
	STB 48 E	3.2	6.4	152.4
	STB 410	3.2	7.9	152.4
	STB 410 A	3.2	7.9	38.1
	STB 410 B	3.2	7.9	76.2
	STB 412	3.2	9.5	50.8
	STB 412 A	3.2	9.5	50.8
	STB 412 B	3.2	9.5	76.2
	STB 412 C	3.2	9.5	152.4
	STB 412 D	3.2	9.5	25.4
	STB 416	3.2	12.7	152.4
	STB 416 A	3.2	12.7	25.4
	STB 416 B	3.2	12.7	38.1

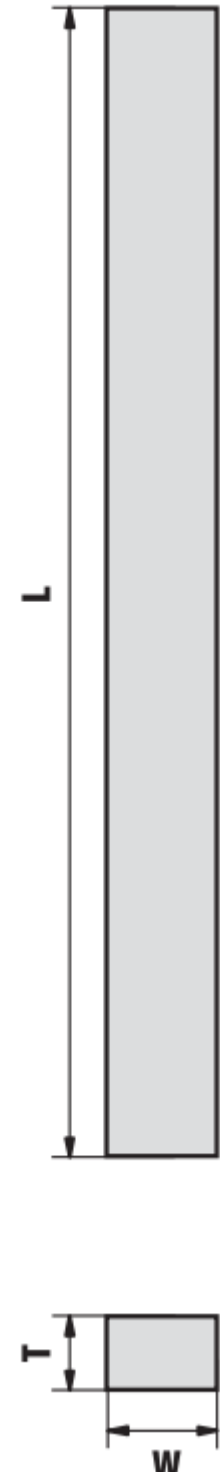
STB DE METAL DURO

STB de Metal Duro	ESTILO	T	W	L
	STB 416 C	3.2	12.7	76.2
	STB 420	3.2	15.9	152.4
	STB 424	3.2	19.1	152.4
	STB 428	3.2	22.2	152.4
	STB 432	3.2	25.4	152.4
	STB 436	3.2	28.7	152.4
	STB 440	3.2	31.8	152.4
	STB 448	3.2	38.1	153.4
	STB 510	4.0	7.9	154.4
	STB 512	4.0	9.5	155.4
	STB 516	4.0	12.7	156.4
	STB 520	4.0	15.9	157.4
	STB 316	4.0	12.7	152.4
	STB 320	4.0	15.9	152.4
	STB 324	4.0	19.1	152.4
	STB 328	4.0	22.2	152.4
	STB 332	4.0	25.4	152.4
	STB 336	4.0	28.7	152.4
	STB 524	4.0	19.1	158.4
	STB 528	4.0	22.2	159.4
	STB 532	4.0	25.4	160.4
	STB 536	4.0	28.7	161.4
	STB 540	4.0	31.8	162.4

STB DE METAL DURO

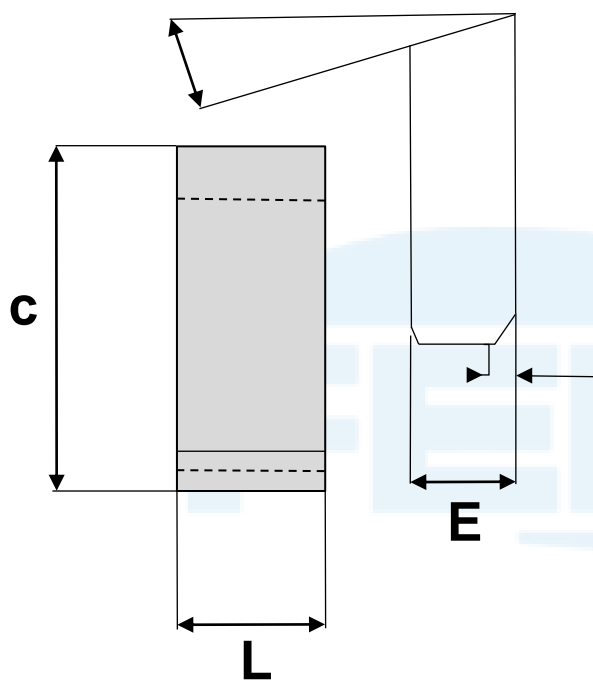
STB de Metal Duro	ESTILO	T	W	L
	STB 68	4.8	6.4	152.4
	STB 68 A	4.8	6.4	76.2
	STB 610	4.8	7.9	152.4
	STB 610 A	4.8	7.9	76.2
	STB 612	4.8	9.5	152.4
	STB 612 A	4.8	9.5	76.2
	STB 616	4.8	12.7	152.4
	STB 616 A	4.8	12.7	76.2
	STB 616 G	4.8	12.7	95.0
	STB 620	4.8	15.9	152.4
	STB 620 A	4.8	15.9	76.2
	STB 620 B	4.8	15.9	50.8
	STB 624	4.8	19.1	152.4
	STB 628	4.8	22.2	152.4
	STB 632	4.8	25.4	152.4
	STB 636	4.8	28.7	152.4
	STB 640	4.8	31.8	152.4
	STB 648	4.8	38.1	152.4
	STB 812	6.4	9.5	152.4
	STB 812 A	6.4	9.5	76.2
	STB 816	6.4	12.7	152.4
	STB 816 A	6.4	12.7	76.2
	STB 820	6.4	15.9	152.4
	STB 820 A	6.4	15.9	76.2
	STB 824	6.4	19.1	152.4
	STB 824 A	6.4	19.1	76.2
	STB 828	6.4	22.2	77.2
	STB 832	6.4	25.4	78.2
	STB 836	6.4	28.7	79.2
	STB 840	6.4	31.8	80.2
	STB 848	6.4	38.1	81.2

STB DE METAL DURO ESPECIAL

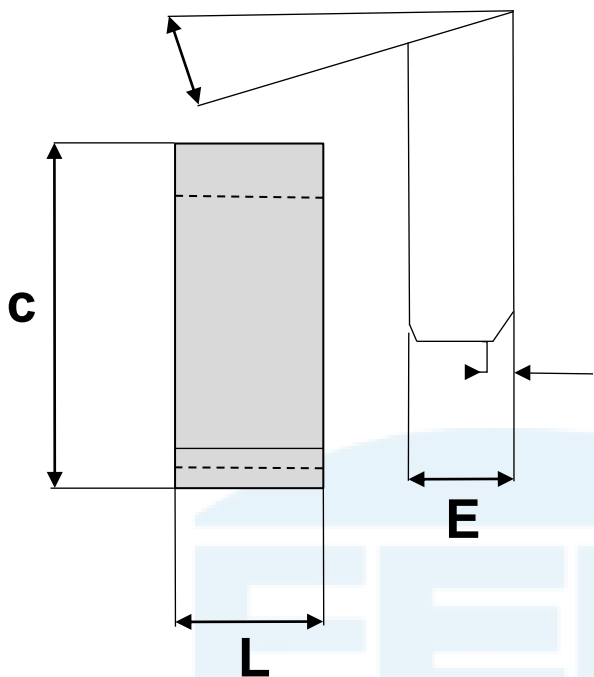
STB de Metal Duro	ESTILO	T	W	L
	ESPECIAL	1.5	10.0	100.0
	ESPECIAL	2.0	4.5	35.0
	ESPECIAL	2.0	5.0	40.0
	ESPECIAL	2.0	5.5	50.0
	ESPECIAL	2.0	8.0	37.0
	ESPECIAL	3.0	6.0	310.0
	ESPECIAL	3.0	8.0	310.0
	ESPECIAL	3.0	10.0	100.0
	ESPECIAL	3.0	10.0	310.0
	ESPECIAL	3.0	12.0	310.0
	ESPECIAL	3.2	12.7	100.0
	ESPECIAL	3.2	15.9	44.0
	ESPECIAL	4.0	6.0	310.0
	ESPECIAL	4.0	8.0	310.0
	ESPECIAL	4.0	10.0	310.0
	ESPECIAL	4.0	12.0	310.0
	ESPECIAL	4.0	14.0	310.0
	ESPECIAL	4.0	16.0	310.0
	ESPECIAL	4.0	17.0	150.0
	ESPECIAL	4.0	18.0	310.0
	ESPECIAL	4.0	20.0	150.0
	ESPECIAL	4.0	20.0	310.0
	ESPECIAL	4.0	22.0	310.0
	ESPECIAL	4.0	24.0	310.0
	ESPECIAL	4.0	25.0	150.0
	ESPECIAL	4.8	12.7	50.0
	ESPECIAL	4.8	12.7	75.0
	ESPECIAL	4.8	12.7	95.0
	ESPECIAL	5.0	12.0	310.0
	ESPECIAL	5.0	14.0	165.0
ESPECIAL	5.0	16.0	165.0	

DENTES DE SERRA

Dentes de Serra	CÓDIGO	Dimensões (mm)		
		C	L	E
	DS4.8	04.8	2.8	1.85
	DS6.0	06.0	2.8	1.85
	DS6.5	06.5	2.2	2.0
	DS6.5	06.5	2.8	2.0
	DS8.0	08.0	3.2	2.2
	DS8.0 - 1	08.0	3.6	2.2
	DS8.0 - 2	08.0	4.0	2.0
	DS8.0 - 3	08.0	4.0	2.2
	DS8.0 - 4	08.0	4.5	2.0
	DS9.6	09.6	3.1	2.2
	DS9.6 - 1	09.6	3.2	2.2
	DS9.6 - 2	09.6	3.2	3.2
	DS9.6 - 3	09.6	3.6	2.2
	DS9.6 - 4	09.6	3.6	3.2
	DS9.6 - 5	09.6	4.0	2.2
	DS9.6 - 6	09.6	4.0	3.2
	DS9.6 - 7	09.6	4.2	2.2
	DS9.6 - 8	09.6	4.2	3.2
	DS9.6 - 9	09.6	4.5	2.2
	DS9.6 - 10	09.6	4.5	3.2
	DS9.6 - 11	09.6	5.0	2.2
	DS9.6 - 12	09.6	5.0	3.2
	DS9.6 - 13	09.6	5.2	2.2
	DS9.6 - 14	09.6	5.5	2.2
	DS9.6 - 15	09.6	5.5	3.2
	DS9.6 - 16	09.6	6.0	3.2
	DS9.6 - 17	09.6	7.0	3.2

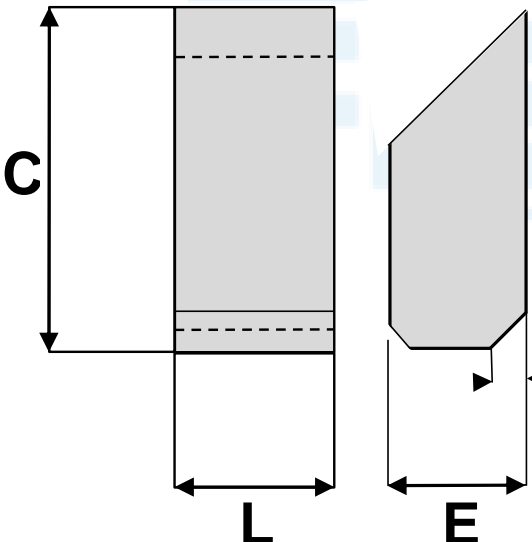


DENTES DE SERRA

Dentes de Serra	CÓDIGO	Dimensões (mm)		
		C	L	E
	DS10.3	10.3	3.5	2.5
	DS10.3	10.3	3.5	3.5
	DS10.3	10.3	4.0	2.5
	DS10.3	10.3	4.0	3.5
	DS10.3	10.3	4.5	2.5
	DS10.3	10.3	4.5	3.5
	DS10.3	10.3	5.0	3.5
	DS10.3	10.3	5.5	2.5
	DS10.3	10.3	5.8	3.5
	DS10.3	10.3	6.0	3.5
	DS10.3	10.3	6.5	3.5
	DS10.3	10.3	7.0	3.5
	DS10.3	10.3	7.5	3.5
	DS12.7	12.7	6.4	3.2
	DS12.7	12.7	7.9	3.2
	DS12.7	12.7	9.5	3.2

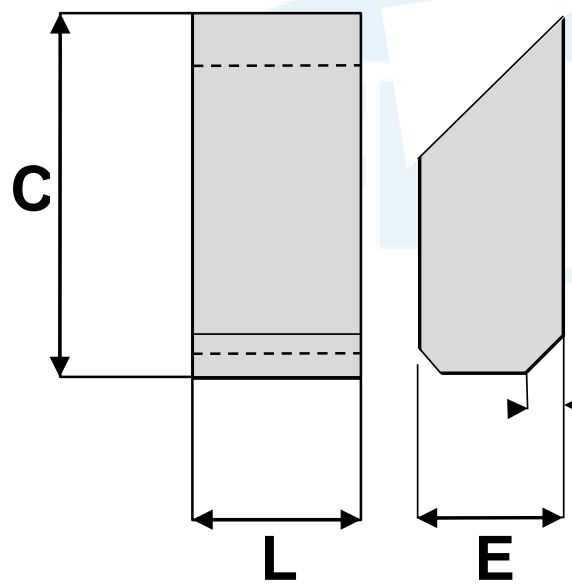
DENTES PARA FRESAS DE MADEIRA

Dentes para Fresas de Madeira	CÓDIGO	Dimensões (mm)		
		C	L	E
	K10 PRR	7.0	4.0	14
	K10 PRR	9.0	4.0	14
	K10 PRR	10.0	4.0	14
	K10 PRR	13.0	4.0	14
	K10 PRR	14.0	4.0	14
	K10 PRR	15.0	4.0	14
	K10 PRR	16.0	4.0	14
	K10 PRR	17.0	4.0	14
	K10 PRR	18.0	4.0	14
	K10 PRR	19.0	4.0	14
	K10 PRR	20.0	4.0	14
	K10 PRR	21.0	4.0	14
	K10 PRR	22.0	4.0	14
	K10 PRR	23.0	4.0	14
	K10 PRR	24.0	4.0	14
	K10 PRR	150.0	4.0	14
	K10 PRR	4.5	4.0	12
	K10 PRR	5.0	4.0	12
	K10 PRR	5.5	4.0	12
	K10 PRR	6.0	4.0	12
	K10 PRR	6.5	4.0	12
	K10 PRR	7.5	4.0	12
	K10 PRR	7.0	4.0	12
	K10 PRR	8.0	4.0	12
	K10 PRR	8.5	4.0	12
	K10 PRR	9.0	4.0	12



DENTES PARA FRESAS DE MADEIRA

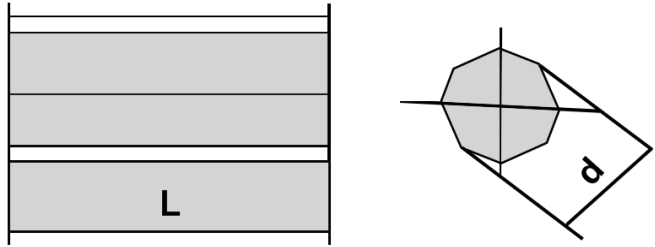
Dentes para Fresa de Madeira	CÓDIGO	Dimensões (mm)		
		C	L	E
	K10 PRR	10.0	4.0	12
	K10 PRR	10.5	4.0	12
	K10 PRR	11.0	4.0	12
	K10 PRR	12.0	4.0	12
	K10 PRR	12.5	4.0	12
	K10 PRR	13.0	4.0	12
	K10 PRR	13.5	4.0	12
	K10 PRR	14	4.0	12
	K10 PRR	15	4.0	12
	K10 PRR	16	4.0	12
	K10 PRR	17	4.0	12
	K10 PRR	18	4.0	12
	K10 PRR	19	4.0	12
	K10 PRR	20	4.0	12
	K10 PRR	22	4.0	12
	K10 PRR	23	4.0	12
	K10 PRR	25	4.0	12
	K10 PRR	26	4.0	12
	K10 PRR	32	4.0	12
	K10 PRR	40	4.0	12
	K10 PRR	50	4.0	12
	K10 PRR	51	4.0	12
	K10 PRR	60	4.0	12
	K10 PRR	80	4.0	12
	K10 PRR	150	4.0	12

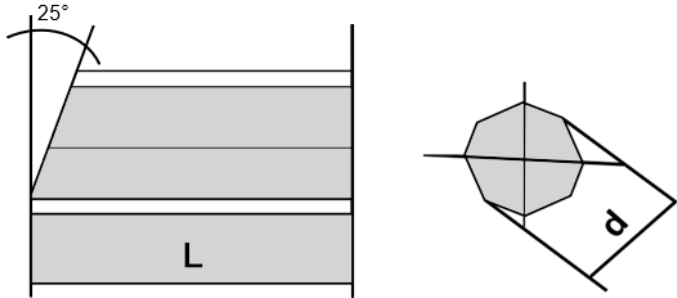


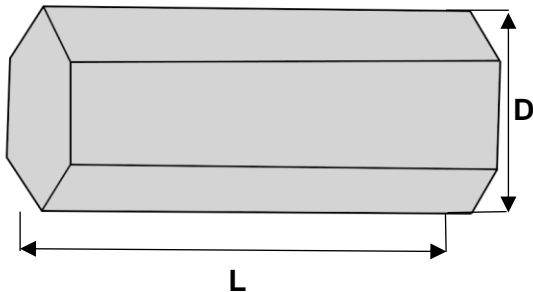
PASTILHA PARA MOENDA

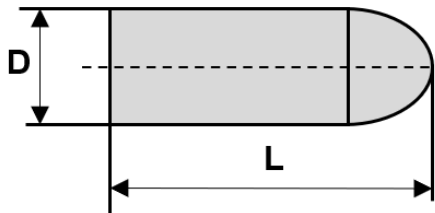
Pastilha para Moenda	CÓDIGO	Dimensões (mm)							
		A	B	C	D	E (ref)	α°	β°	ψ°
<p>DIMENSÕES (mm)</p> <p>The diagram shows a grinding wheel segment with a conical top. Dimension A is the base width, B is the height, C is the width at the base of the top section, D is the diameter of the top section, and E is the reference diameter. Angles alpha, beta, and psi are indicated at the top and bottom edges.</p>	BPMO 405014 45°	39.5 38.5	49.5 48.5	14.6 14.0	2.7 2.3	4.9	45	4	4
	BPMO 425714 40°	43.0	58.0 56.0		2.8	2.5	40		
	BPMO 426614 35°	42.0	67.0 65.0		2.4	3.0	35		
	BPMO 518514 35°	51.0 49.0	85.0 83.0		2.7 2.3	8.7	35		
	BPMO 568114 40°	56.0 54.0	81.0 79.0		7.9	40			
	BPMO 608014 45°	60.0 58.0	80.0 78.0		10.8	45			
	BPMO 647514 50°	64.0 62.0	75.0 73.0		9.1	50			

PASTILHAS PARA MINERAÇÃO

Pastilha Mineração Oitavada	CÓDIGO	D	L	
	T	105	5.5	16.0
		105A	5.5	3.2

Pastilha Mineração Oitavada	CÓDIGO	D	L	
	T	105B	5.5	16.0
		107	7.0	15.0
		110	10.0	16.0

Pastilha Mineração Sextavada	CÓDIGO	D	L	
	T	109	9.0	16.0
		115	15.0	17.0

Pastilha Mineração Botons	CÓDIGO	D	L	
	T	7210	7.2	10.0
		7213	7.2	13.0
		8210	8.2	10.0
		8213	8.2	13.0
		9213	9.2	13.0



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