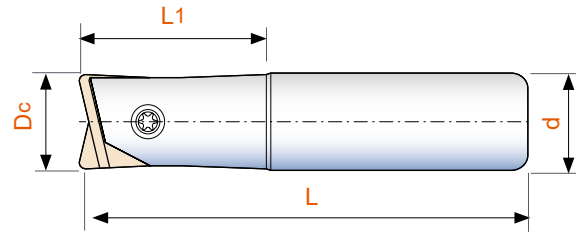


Profile milling tools, copy milling tools

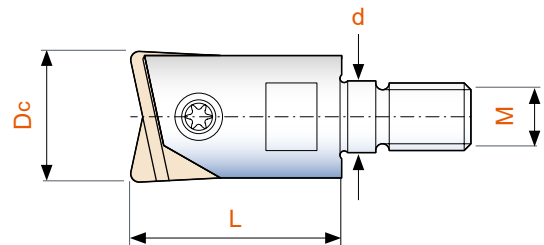
Konturfräser, Kopierfräser

Fresado-copiado, contorneado

コピーミリング、コンタリング加工



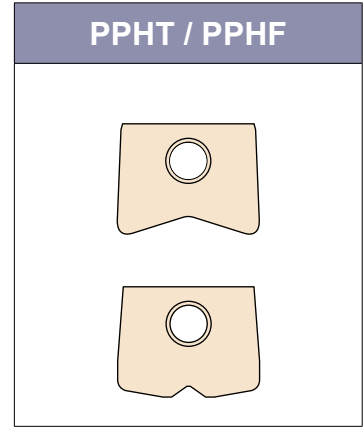
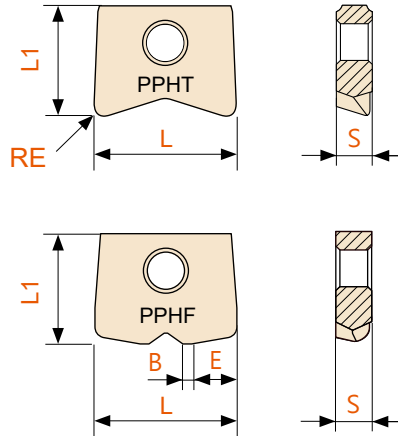
PPHT	Example / Order code : PPHT-S12-150								
Cutters	Dc	d	L	L1	Z		Inserts		
PPHT12-S12-150	12	12	150	32	1	N	PPH..12..	DVF6242	ETF10
PPHT16-S16-150	16	16	150	36	1	N	PPH..16..	DVF6244	ETF15
PPHT16-S16-200	16	16	200	36	1	N			
PPHT20-S20-150	20	20	150	45	1	N	PPH..20..	DVF6246	ETF20
PPHT20-S20-200	20	20	200	45	1	N			



PPHT	Example / Order code : PPHT12-MD11								
Cutters with thread	Dc	d	L	M	Z		Inserts		
PPHT12-MD11	12	6.5	22	M6	1	N	PPH..12..	DVF6242	ETF10
PPHT16-MD14	16	8.5	28	M8	1	N	PPH..16..	DVF6244	ETF15
PPHT20-MD18	20	10.5	30	M10	1	N	PPH..20..	DVF6246	ETF20

Inserts
Wendeschneidplatten
Plaquetas
チップ

Size	L	L1	S	B	E
1200	12.0	10.0	3.00	0.60	3.90
1600	16.0	12.0	4.00	0.80	5.20
2000	20.0	15.0	5.00	1.00	6.40



Milling Inserts		Grade	Coating	P	M	K	N	S	H	RE	fz(mm/t)	Ap(mm)		
	PPHT	1205 A2	KM2003	PVD	☺☺	☹				☺	0.5	0.12 - 0.15	0.30 - 1.0	
		1210 A2	KM2003	PVD	☺☺	☹				☺	1.0	0.13 - 0.15	0.50 - 1.0	
		1220 A2	KM2003	PVD	☺☺	☹				☺	2.0	0.13 - 0.15	0.80 - 1.0	
	PPHT	1610 A2	KM2003	PVD	☺☺	☹				☺	1.0	0.13 - 0.15	0.50 - 1.0	
		1620 A2	KM2003	PVD	☺☺	☹				☺	2.0	0.13 - 0.15	0.80 - 1.0	
		1630 A2	KM2003	PVD	☺☺	☹				☺	3.0	0.13 - 0.15	1.00 - 1.5	
	PPHT	2010 A2	KM2003	PVD	☺☺	☹				☺	1.0	0.13 - 0.15	0.50 - 1.0	
		2016 A2	KM2003	PVD	☺☺	☹				☺	1.6	0.13 - 0.15	0.80 - 1.0	
		2030 A2	KM2003	PVD	☺☺	☹				☺	3.0	0.13 - 0.15	1.00 - 1.5	
High Feed	PPHF	1206 E1	KM8330	PVD	☹☹	☹☹			☹☹		-	0.15 - 0.45	0.40 - 1.0	
		1608 E1	KM8330	PVD	☹☹	☹☹			☹☹		-	0.15 - 0.60	0.50 - 1.0	
		2010 E1	KM8330	PVD	☹☹	☹☹			☹☹		-	0.15 - 0.70	0.60 - 1.0	