

ITEM: B5F10

High feed multi-task end mill for various materials

Coupling type Cylindrical shank - Screw-On

Insert type XPLT070305...

Application Roughing flat surfaces and 3D

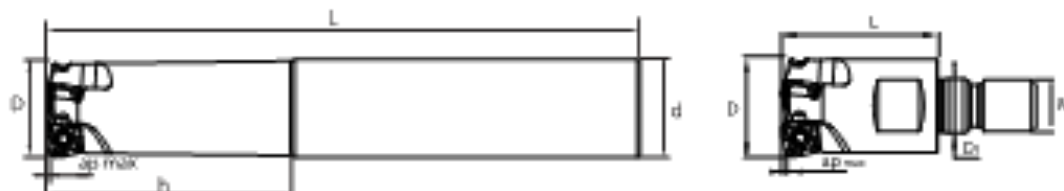
Ø16 ~ 25 mm

0,8 mm



P M

S



STRAIGHT SHANK END MILL

B5F10	Tech. Code	Z	D mm	L mm	d ø mm	h mm	Max Op. mm	Air hole	Insert
Cyl.	B5F101607Z2	2	16	200	16	50	0,8	With	XPLT 070305 SR
	B5F102007Z3	3	20		20				
	B5F102507Z4	4	25		25				

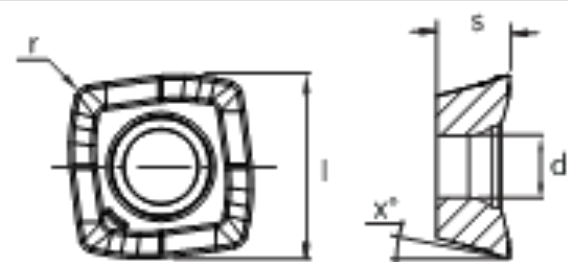
THREADED SHANK END MILL

B5F11	Tech. Code	Z	D mm	L mm	D1 mm	Max Op. mm	M	Air hole	Insert
Screw-on	B5F111607Z2	2	16	43	8,5	0,8	8	With	XPLT 070305 SR
	B5F112007Z3	3	20	49	10,5		10		
	B5F112507Z4	4	25	57	12,5		12		

SPARE PARTS

Tech. Code	Version	Description	Denomination
BRICA197	XPLT 070305 SR...	Clamping insert screw	BRICA197

XPLT 070305... l=7,0mm
r=0,5mm
x=11°
s=2,75mm
d1=2,80mm



		Description	Grade	Tech. Code	P			M		K		N	S	H
					<500 N/mm²	<850 N/mm²	<1200 N/mm²	<600 N/mm²	<850 N/mm²	<240 HB	<300 HB	Alu	HTA	<60 HRC
MED. CUT.	MM	XPLT 070305 SR MM	ST35	B5T1007XPMM10	●			○	●				●	
			ST40	B5T1007XPMM11				●	●				●	
ROUGH.	MR	XPLT 070305 SR MR	PH35	B5T1107XPMR10	●	●	●	○		○				
			MT35	B5T1107XPMR11	●		○	●	●				○	

● RECOMMENDED FOR... ○ USABLE FOR...

RECOMMENDED CUTTING DATA

Material	Hardness Brinell HB	Degrees Recommended	Geometry	Cutting speed Vc (m/min)	Feed fz/mm
Carbon steels (C45-C55 etc.)	~ 300HB	PH35	MR	180 - 260	0,1 - 1,5
Alloyed steel (42CrMo4, 17Cr3 etc.)	~ 300HB	PH35	MR	120 - 200	0,1 - 1,5
Hardened and tempered steels (NAK80, PX5 etc.)	30 - 40HRC	PH35	MR	60 - 160	0,1 - 1,5
Stainless steels (X5CrNi 18-9, etc.)	~ 200HB	MT35	MR	75 - 180	0,1 - 1,5
Titanium alloys (Ti-6Al-4V, etc.)	~ 40HRC	ST40	MM	25 - 75	0,1 - 0,5
Heat resistant alloys (Inconel 718, etc.)	-	ST35	MM	25 - 75	0,1 - 1,5