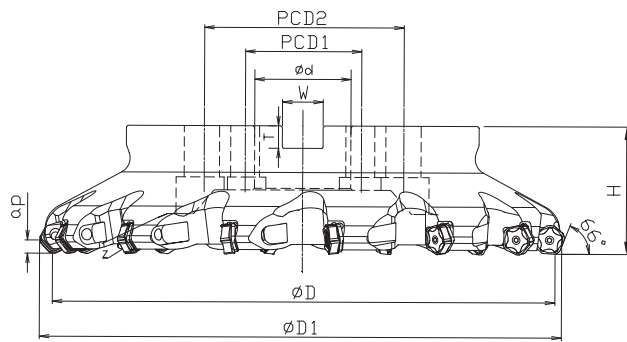


MFPN66 SERIES

66° Face Mill with High Economical and 10 Cutting Edge Insert for Higher Productivity

- ★ Stability and cost efficiency with 10-edge pentagonal inserts.
- ★ Low cutting forces and reduced chattering with a helical cutting-edge design.
- ★ Tough and reliable dual cutting edge design.



Designation	Size(mm)										Clamping Screw	Wrench
	D	D1	d	H	W	T	Z	PCD 1	PCD 2	Max.ap		
MFPN66050R-4T-M	50	58	22	40	10.4	6.3	4	-	-	5	SB4090	DTPM-15
MFPN66063R-5T-M	63	71	22	40	10.4	6.3	5	-	-	5		
MFPN66080R-6T-M	80	88	27	50	12.4	7.0	6	-	-	5		
MFPN66100R-7T-M	100	108	32	50	12.4	8.0	7	-	-	5		
MFPN66125R-9T-M	125	133	40	63	16.4	9.0	9	-	-	5		
MFPN66160R-11T-M	160	168	40	63	16.4	9.0	11	-	-	5		
MFPN66200R-13T-M	200	208	60	63	25.7	14.0	13	101.6	-	5		
MFPN66250R-15T-M	250	258	60	63	25.7	14.0	15	101.6	-	5		
MFPN66315R-17T-M	315	323	60	63	25.7	14.0	17	101.6	177.8	5		


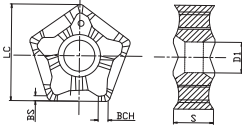

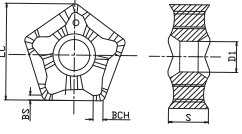
MFPN66 SERIES

66° Face Mill with High Economical and 10 Cutting Edge Insert for Higher Productivity

● Applicable Inserts

Usage Classification	P	Steel	★							
	M	Stainless		★						
	K	Cast iron	★							
	N	Non-ferrous								
	S	Superalloys		★						
	H	Hard materials								

★ 1st Choice
☆ 2nd Choice

Insert	Insert No.	Size(mm)					Coated Carbide				Carbide		
		LC	S	D1	BS	BCH	TG4025	TG4035	TY602	TI960	HC200		
	 PNMU0905XNER-UG	14.6	5.56	4.7	2	2	●						
	 PNMU0905XNER-SG	14.6	5.56	4.7	2	2		●					

● Recommended Cutting Conditions

ISO	Workpiece material	Hardness	Grade	Cutting Speed		Feed	
				Vc (m/min)	fz (mm/t)		
P	Carbon Steel	≤HB300	TG4025	120-250	0.10-0.30		
	Alloy Steel	HB200-300		100-220	0.10-0.30		
	Mold Steel	≤HB300		80-180	0.10-0.25		
M	Stainless Steel	≤HB200	TG4035	100-200	0.06-0.20		