

Milling Inserts

Milling Inserts (With Hole)

Classification of usage		P	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
★ : Roughing / 1st Choice ☆ : Roughing / 2nd Choice ■ : Finishing / 1st Choice □ : Finishing / 2nd Choice ● : Profiling / 1st Choice ○ : Profiling / 2nd Choice (In case hardness is under 45HRC)	Carbon Steel / Alloy Steel		★	★															
	Mold Steel		★	★															
	M Stainless Steel		★	★															
	K Gray Cast Iron				★														
	Nodular Cast Iron					★													
	N Non-ferrous Metals																		★
	S Heat-resistant Alloys		★	★															
	Titanium Alloys				★														☆
	H Hard Materials																		

Insert Handed Insert shows R-hand	Description	Dimension (mm)				Angle (°)			Cermet TN100M TC60	MEGACOAT PR1225 PR1230 PR1210	PVD Coated Carbide PR930 PR730 PR830 PR1025 PR660 PR905	Carbide PW30 GW25	Ref. Page for Toolholder								
		A	T	X	Z	rε	α	β						γ							
	APMT 1003PDER-V	6.72	3.18	2.8	10.0	0.4	11°	15°	-	●	●	●	●	●	●	●	●	●	-		
	100308PDER-V																			0.8	
	APKT 1604PDER-V	9.525	4.76	4.4	16.0	0.8															
	APMT 250608ER-NB3	15.875	6.35	6.5	25	0.8	15°	11°	-	●	●	●	●	●	●	●	●	●	●	M76	
	250616ER-NB3					1.6															
	250640ER-NB3					4.0															
APMT 250616EL-NB3	1.6																				
	APMT 250608ER-NB4	15.875	6.35	6.5	25	0.8	15°	11°	-	●	●	●	●	●	●	●	●	●	●	M76	
	250616ER-NB4					1.6															
	250640ER-NB4					4.0															
APMT 250616EL-NB4	1.6																				
	APMT 250616ER-NB3P	15.875	6.35	6.5	25	1.6	15°	11°	-	●	●	●	●	●	●	●	●	●	●	M76	
	APMT 250616ER-NB4P	15.875	6.35	6.5	25	1.6	15°	11°	-	●	●	●	●	●	●	●	●	●	●	M77	
	BDMT 070302ER-JS	4.6	2.6	2.3	6.7	0.2	16°	15°	-	●	●	●	●	●	●	●	●	●	●	M56	
	070304ER-JS					0.4															
	070308ER-JS					0.8															
	BDMT 070302ER-JT	4.6	2.6	2.3	6.7	0.2	16°	15°	-	●	●	●	●	●	●	●	●	●	●	M57	
	070304ER-JT					0.4															
	070308ER-JT					0.8															
	BDGT 11T302FR-JA	6.7	3.8	2.8	11.0	0.2	18°	13°	-	●	●	●	●	●	●	●	●	●	●	M48	
	11T304FR-JA					0.4															
	11T308FR-JA					0.8															
	BDGT 170404FR-JA	0.4	9.6	4.9	4.4	17.0	0.4	18°	13°	-	●	●	●	●	●	●	●	●	●	M49	
	170408FR-JA	0.8																			
	170420FR-JA	2.0																			
BDMT 110302ER-JS	0.2	6.3	3.0	2.8	11.0	0.2	18°	15°	-	●	●	●	●	●	●	●	●	●	M50		
110304ER-JS	0.4																				
110308ER-JS	0.8																				
	BDMT 11T302ER-JS	6.7	3.8	2.8	11.0	0.2	18°	13°	-	●	●	●	●	●	●	●	●	●	●	M50	
	11T304ER-JS					0.4															
	11T308ER-JS					0.8															
	BDMT 170404ER-JS	0.4	9.6	4.9	4.4	17.0	0.4	18°	13°	-	●	●	●	●	●	●	●	●	●	M50	
170408ER-JS	0.8																				

M



Milling

M16

Inserts are sold in 10 piece boxes.

● : Std. Item