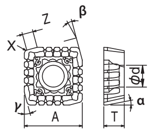
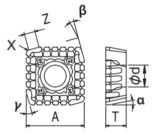
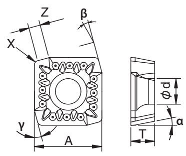
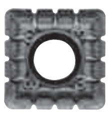
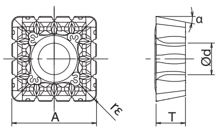
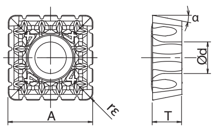
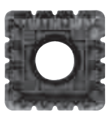
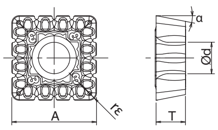
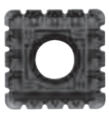
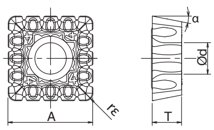
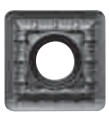
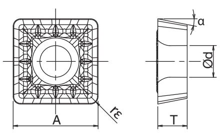
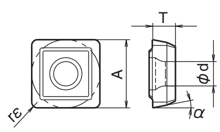
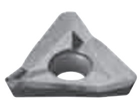
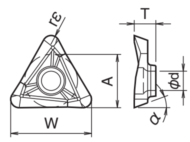
Milling Inserts (With Hole)

Classification of usage

★ : Roughing / 1st Choice
☆ : Roughing / 2nd Choice
■ : Finishing / 1st Choice
□ : Finishing / 2nd Choice
● : Profiling / 1st Choice
○ : Profiling / 2nd Choice
(In case hardness is under 45HRC)

		TN100M	TC60	PR1225	PR1230	PR1210	PR630	PR730	PR830	PR1025	PR660	PR905	PW30	KW10
P	Carbon Steel / Alloy Steel			★	★			☆	☆					
P	Mold Steel			★	★			☆	☆					
M	Stainless Steel			★	★						☆			
K	Gray Cast Iron					★						☆		☆
K	Nodular Cast Iron					★						☆		
N	Non-ferrous Metals													★
S	Heat-resistant Alloys			★	★						☆			
S	Titanium Alloys					★								☆
H	Hard Materials			□	□			□	□					

Insert (Handed Insert shows R-hand)		Description	A	T	ød	W (X)	rε (Z)	α	β	γ	TN100M (Cermet)	TC60 (Cermet)	PR1225 (MEGACOAT)	PR1230 (MEGACOAT)	PR1210 (MEGACOAT)	PR630 (PVD Coated Carbide)	PR730 (PVD Coated Carbide)	PR830 (PVD Coated Carbide)	PR1025 (PVD Coated Carbide)	PR660 (PVD Coated Carbide)	PR905 (PVD Coated Carbide)	PW30 (Carbide)	KW10 (Carbide)	Ref. Page for Toolholder
4-Notched Low resistance type		**SPMT 1806EDER-NB2P**	18	6.35	6.8	X= R1.2	Z= 3.1	11°	15°	15°			●	●	●			●			●			M40
5-Notched Low resistance type		**SPMT 1806EDER-NB3P**	18	6.35	6.8	X= R1.2	Z= 3.1	11°	15°	15°			●	●	●			●			●			M40
Without notch		**SPMT 1806EDER-V**	18	6.35	6.8	X= R1.2	Z= 3.1	11°	15°	15°			●	●	●			●		●	●			M40
 3-Notched		**SPMT 180616EN-NB3**	18	6.35	6.8	-	1.6	11°	-	-				●	●									M72
4-Notched		**SPMT 180616EN-NB4**	18	6.35	6.8	-	1.6	11°	-	-				●	●									M72
 3-Notched Low resistance type		**SPMT 180616EN-NB3P**	18	6.35	6.8	-	1.6	11°	-	-				●	●									M72
 4-Notched Low resistance type		**SPMT 180616EN-NB4P**	18	6.35	6.8	-	1.6	11°	-	-				●	●									M72
 Without notch		**SPMT 180616EN-V**	18	6.35	6.8	-	1.6	11°	-	-				●	●									M72
		**SPMT 060204E-Z**	6.35	2.38	2.5	-	0.4	11°	-	-			●		●		●			●	●		●	M150
		060208E-Z					0.8						●		●		●			●	●		●	M150
		SPMT 090304E-Z	9.525	3.18	3.4	-	0.4	11°	-	-			●		●		●			●	●		●	M150
		090308E-Z					0.8						●		●		●			●	●		●	M150
		**TEMT 250624-AQ**	15.875	6.35	5.5	23.0	2.4	20°	-	-													●	M94

● : Std. Item

Inserts are sold in 10 piece boxes.

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Milling