

Grooving / Cut-Off (Multi-Function)

GMM / GMN

Classification of usage		P	Steel					☺	☹		Ref. Page for Toolholder			
		M	Stainless Steel					☹	☺					
☺ : Continuous-Light Interruption / 1st Choice ☹ : Continuous-Light Interruption / 2nd Choice ● : Continuous / 1st Choice ○ : Continuous / 2nd Choice		K	Cast Iron							☹				
		N	Non-ferrous Metals									☹		
		S	Titanium Alloy									☹		
		H		Hard materials (under 40HRC)					○	●				
Hard materials (over 40HRC)														
Description	Dimension (mm)					Angle (°)	Cermet	CVD Coated Carbide	PVD Coated Carbide			Car-bide		
	W	rε	M	L	H	θ	TN90	CR9025	PR915	PR930		KW10		
1520-MT	1.5	0.0 0.05	1.2	20	4.3	-				●		●		
2020-MT	2.0	0.0 0.05	1.5						●	●		●	●	
								●	●		●	●		
2520-MT	2.5	0.0 0.05	1.9						●	●		●	●	
								●	●		●	●		
3020-MT	3.0	0.0 0.05	2.3						●	●		●	●	
					●	●		●	●					
1520 ^ℓ -MT-15D	1.5	0.0 0.05	1.2	20	4.3	15°			R	●	●			
2020 ^ℓ -MT-15D	2.0	0.0 0.05	1.5			15°			●	R		●	●	
							●	R		●	●			
2520 ^ℓ -MT-15D	2.5	0.0 0.05	1.9			15°			●	R		●	●	
							●	R		●	●			
3020 ^ℓ -MT-15D	3.0	0.0 0.05	2.3			15°			●	R		●	●	
1520-NB	1.5	0.0 0.05	1.2	20	4.3	-					●	●		
2020-NB	2.0	0.0 0.05	1.5										●	●
								●				●	●	
2520-NB	2.5	0.0 0.05	1.9							●			●	●
								●				●	●	
3020-NB	3.0	0.0 0.05	2.3						●				●	●
2020-TK 2520-TK 3020-TK	2.0 2.5 3.0	0.20 0.20 0.25	1.5 1.9 2.3	20	4.3	-		● ● ●	● ● ●	● ● ●	● ● ●			
2020 ^ℓ -TK-8D 2520 ^ℓ -TK-8D 3020 ^ℓ -TK-8D	2.0 2.5 3.0	0.20 0.20 0.25	1.5 1.9 2.3	20	4.3	8°		R R R	R R R	R R R	R R R			
2-TK 3-TK 4-TK	2.0 3.0 4.0	0.20 0.25 0.30	1.8 2.3 3.3	20	4.3	-		● ● ●	● ● ●	● ● ●	● ● ●			
2-TK-8D 3-TK-8D 4-TK-8D	2.0 3.0 4.0	0.20 0.25 0.30	1.8 2.3 3.3	20	4.3	8°		R R R	R R R	R R R	R R R			
2.2 3 4 5 6	2.2 3.0 4.0 5.0 6.0	0.17 0.20 0.25 0.8 0.8	1.8 2.3 3.3 4.2 5.2	20	4.3	-	● ● ● ● ●	● ● ● ● ●		● ● ● ● ●	● ● ● ● ●			
2.2-8D 2.2-15D 3-4D 3-15D 4-4D	2.2 2.2 3.0 3.0 4.0	0.17 0.00 0.20 0.20 0.25	1.8 1.8 2.3 2.3 3.3	20	4.3	8° 15° 4° 15° 4°	R R R	● ● ● ● ●		● ● ● ● R	● ● ● ● ●			

For recommended cutting conditions, see page [G76](#)

Inserts are sold
in 10 piece boxes.

● : Std. Item ○ : Check Availability R : Std. Item (R-hand Only) L : Std. Item (L-hand Only)

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