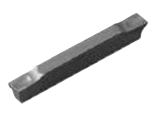
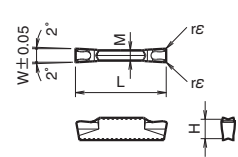

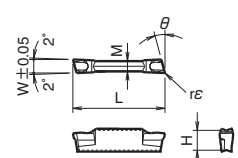

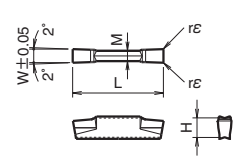

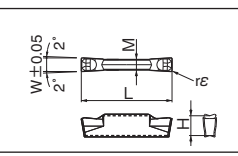

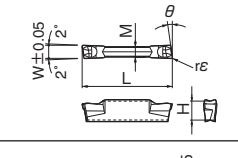
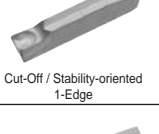
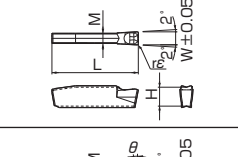
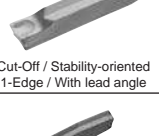
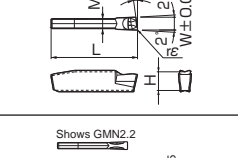

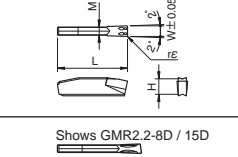

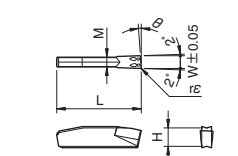


Grooving / Cut-Off (Multi-Function)

GMM / GMN

Classification of usage	P	Steel				
	M	Stainless Steel			☉	☉
K	Cast Iron					☉
N	Non-ferrous Metals					☉
S	Titanium Alloy					☉
H	Hard materials (under 40HRC)			○	●	
	Hard materials (over 40HRC)					

● : Continuous-Light Interruption / 1st Choice
 ☉ : Continuous-Light Interruption / 2nd Choice
 ● : Continuous / 1st Choice
 ○ : Continuous / 2nd Choice

Insert	Description	Dimension (mm)					Angle (°)	Cermet	CVD Coated Carbide	PVD Coated Carbide	Carbide	Ref. Page for Toolholder	
		W	rε	M	L	H							
 <p>Deep Grooving / Cut-Off Sharp-Cutting Oriented</p>		GMM 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							
 <p>Cut-Off Sharp-Cutting Oriented / With lead angle</p>		GMM 1520^{R/L}-MT-15D		1.5	0.0 0.05	1.2	20	4.3	15°				
		2020^{R/L}-MT-15D		2.0	0.0 0.05	1.5			15°				
		2520^{R/L}-MT-15D		2.5	0.0 0.05	1.9			15°				
		3020^{R/L}-MT-15D		3.0	0.0 0.05	2.3			15°				
 <p>Deep Grooving / Cut-Off Sharp-Cutting Oriented Without Chipbreaker</p>		GMM 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							
 <p>Deep Grooving / Cut-Off Stability-Oriented</p>		GMM 2020-TK		2.0	0.20	1.5	20	4.3	-				
		2520-TK		2.5	0.20	1.9							
		3020-TK		3.0	0.25	2.3							
 <p>Cut-Off Stability-Oriented / With lead angle</p>		GMM 2020^{R/L}-TK-8D		2.0	0.20	1.5	20	4.3	8°				
		2520^{R/L}-TK-8D		2.5	0.20	1.9							
		3020^{R/L}-TK-8D		3.0	0.25	2.3							
 <p>Cut-Off / Stability-oriented 1-Edge</p>		GMN 2-TK		2.0	0.20	1.8	20	4.3	-				
		3-TK		3.0	0.25	2.3							
		4-TK		4.0	0.30	3.3							
 <p>Cut-Off / Stability-oriented 1-Edge / With lead angle</p>		GM^{R/L} 2-TK-8D		2.0	0.20	1.8	20	4.3	8°				
		3-TK-8D		3.0	0.25	2.3							
		4-TK-8D		4.0	0.30	3.3							
 <p>Deep Grooving / Cut-Off 1-Edge</p>		GMN 2.2		2.2	0.17	1.8	20	4.3	-				
		3		3.0	0.20	2.3							
		4		4.0	0.25	3.3							
		5		5.0	0.8	4.2							
		6		6.0	0.8	5.2							
 <p>Cut-Off / Sharp-Cutting 1-Edge / With lead angle</p>		GM^{R/L} 2.2-8D		2.2	0.17	1.8	20	4.3	8°				
		2.2-15D		2.2	0.00	1.8			15°				
		3-4D		3.0	0.20	2.3			4°				
		3-15D		3.0	0.20	2.3			15°				
		4-4D		4.0	0.25	3.3			4°				

G36
G37
G38

For recommended cutting conditions, see page G93

Inserts are sold in 10 piece boxes.

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