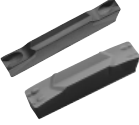
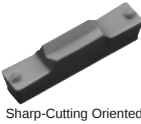
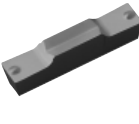
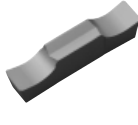


Multi-Function / Grooving (Cut-Off)

GMM / GMG

Classification of usage	P	Carbon Steel / Alloy Steel								
	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)								

Insert R-hand shown	Description	(Previous Description)	Dimension (mm)					Cement Carbide	CVD Coated Carbide	PVD Coated Carbide	Carbide	Ref. Page for Toolholder
			W	r _ε	M	L	H					
 Chip Control Oriented M Class	GMM 2420-020MW	GMM 2420-02	2.4	0.2	1.9			●	●	●	●	G22 G23 G24
	3020-020MW	3020-02	3.0	0.2	2.3			●	●	●	●	
	3020-040MW	3020-04		0.4				●	●	●	●	
	4020-020MW	4020-02		0.2				●	●	●	●	
	4020-040MW	4020-04	4.0	0.4	3.3	20	4.3	●	●	●	●	G22 G23
	4020-080MW	4020-08		0.8				●	●	●	●	
	5020-040MW	5020-04	5.0	0.4	4.2			●	●	●	●	
	5020-080MW	5020-08		0.8				●	●	●	●	
	6020-040MW	6020-04	6.0	0.4	5.2			●	●	●	●	G23
	6020-080MW	6020-08		0.8				●	●	●	●	
 Sharp-Cutting Oriented M Class	GMM 3020-020MS	GMM 3020-02MS	3.0	0.2	2.3			●	●	●	●	G22 G23 G24
	3020-040MS	3020-04MS		0.4				●	●	●	●	
	4020-040MS	4020-04MS	4.0		3.3	20	4.3	●	●	●	●	
	5020-040MS	5020-04MS	5.0	0.4	4.2			●	●	●	●	
	6020-040MS	6020-04MS	6.0		5.2			●	●	●	●	G22, G23
								●	●	●	●	
 Sharp-Cutting Oriented Precision Class	GMG 3020-000MS	GMG 3020-00		0.0				●	●	●	●	G22 G23 G24
	3020-020MS	3020-02	3.0	0.2	2.3	20	4.3	●	●	●	●	
	3020-040MS	3020-04		0.4				●	●	●	●	
	4020-020MS	4020-02		0.2				●	●	●	●	
	4020-040MS	4020-04	4.0	0.4	3.3	20	4.3	●	●	●	●	G22 G23 G24
	4020-080MS	4020-08		0.8				●	●	●	●	
	5020-040MS	5020-04	5.0	0.4	4.2	20	4.3	●	●	●	●	
	5020-080MS	5020-08		0.8				●	●	●	●	
 Sharp-Cutting Oriented Precision Class Ground Chipbreaker	GMG 2520-030MG	GMG 2520-03MG	2.5		2.0			●	●	●	●	G22 G23 G24
	3020-030MG	3020-03MG	3.0	0.3	2.3			●	●	●	●	
	3520-030MG	3520-03MG	3.5		2.8			●	●	●	●	
	4020-040MG	4020-04MG	4.0		3.3	20	4.3	●	●	●	●	
	5020-040MG	5020-04MG	5.0	0.4	4.2			●	●	●	●	G22, G23
	6020-040MG	6020-04MG	6.0		5.2			●	●	●	●	
 Chip Control Oriented M Class Full-R / Copying	GMM 3020-150R	GMM 3020-15R	3.0	1.5	2.3			●	●	●	●	G22 G23 G24
	4020-200R	4020-20R	4.0	2.0	3.3	20	4.3	●	●	●	●	
	5020-250R	5020-25R	5.0	2.5	4.2			●	●	●	●	
	6020-300R	6020-30R	6.0	3.0	5.2			●	●	●	●	
 Sharp-Cutting Oriented Precision Class Full-R / Copying	GMG 3020-150R	GMG 3020-15R	3.0	1.5	2.3			●	●	●	●	G22 G23 G24
	4020-200R	4020-20R	4.0	2.0	3.3	20	4.3	●	●	●	●	
	5020-250R	5020-25R	5.0	2.5	4.2			●	●	●	●	
	6020-300R	6020-30R	6.0	3.0	5.2			●	●	●	●	
 Undercutting Chip Control Oriented	GMG 3020-150RU	GMG 3020-15RU	3.0	1.5	2.3			●	●	●	●	G24 G25
	4020-200RU	4020-20RU	4.0	2.0	3.3	20	4.3	●	●	●	●	
	5020-250RU	5020-25RU	5.0	2.5	4.2			●	●	●	●	

For recommended cutting conditions, see page [G76-G77](#)

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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