для заказа - kyocera@kyocera-tools.ru

NEW ITEMS!

GDFM / GDFMS

Classification of Usage
- ◕ : Light Interruption / 1st Choice
- ◔ : Light Interruption / 2nd Choice
- ● : Continuous / 1st Choice
- ○ : Continuous / 2nd Choice

P	Carbon Steel / Alloy Steel	●		◕	◔
M	Stainless Steel			◕	◔
K	Cast Iron				◕
N	Non-ferrous Metals				
S	Titanium Alloy				
H	Hard materials (≤40HRC)				
	Hard materials (≥40HRC)				

Insert			Part Number		Dimensions (in)							Cermet		MEGA COAT		Ref. Page for Toolholder
					W			rε	M	L	H	TN620	TN90	PR1225	PR1215	
					in	mm	Tolerance									
Grooving and Turning			GDFM	2020N-020GM	0.079	2.0	0.0012	0.008	0.059	0.787	0.154		○	●	●	
				3020N-030GM	0.118	3.0	0.0012	0.012	0.091	0.787	0.169		●	●	●	
				4020N-040GM	0.157	4.0	0.0012	0.016	0.130	0.787	0.169		○	●	●	
				5020N-040GM	0.197	5.0	0.0016	0.016	0.165	0.787	0.169		○	●	●	
				NEW 5020N-080GM	0.197	5.0	0.0016	0.031	0.165	0.787	0.169		○	○	○	
				6020N-040GM	0.236	6.0	0.0016	0.016	0.205	0.787	0.169		○	●	●	
				NEW 6020N-080GM	0.236	6.0	0.0016	0.031	0.205	0.787	0.169		○	○	○	
Grooving and Turning (High Feed)	NEW		GDFM	4020N-040GH	0.157	4.0	0.0012	0.016	0.130	0.787	0.169			○	○	
				5020N-040GH	0.197	5.0	0.0016	0.016	0.165	0.787	0.169			○	○	
				5020N-080GH	0.197	5.0	0.0016	0.031	0.165	0.787	0.169			○	○	
				6020N-040GH	0.236	6.0	0.0016	0.016	0.205	0.787	0.169			○	○	
				6020N-080GH	0.236	6.0	0.0016	0.031	0.205	0.787	0.169			○	○	
Deep Grooving and Turning			GDFM	3020N-030DM	0.118	3.0	0.0012	0.012	0.091	0.787	0.169		○	●	●	G86 ~ G104
				4020N-040DM	0.157	4.0	0.0012	0.016	0.130	0.787	0.169		○	●	●	
				5020N-040DM	0.197	5.0	0.0016	0.016	0.165	0.787	0.169		○	●	●	
				6020N-040DM	0.236	6.0	0.0016	0.016	0.205	0.787	0.169		○	●	●	
	1-Edge		GDFMS	3020N-030DM	0.118	3.0	0.0012	0.012	0.091	0.787	0.169		○	●	●	
				4020N-040DM	0.157	4.0	0.0012	0.016	0.130	0.787	0.169		○	●	●	
				5020N-040DM	0.197	5.0	0.0016	0.016	0.165	0.787	0.169		○	●	●	
				6020N-040DM	0.236	6.0	0.0016	0.016	0.205	0.787	0.169		○	●	●	
Full Radius (R) Grooving	NEW		GDFM	3020N-150R-CM	0.118	3.0	0.0012	0.059	0.083	0.787	0.169	○		●	○	
				4020N-200R-CM	0.157	4.0	0.0012	0.079	0.122	0.827	0.177	○		●	○	
				5020N-250R-CM	0.197	5.0	0.0016	0.098	0.161	0.827	0.177	○		●	○	
	Full (R)			6020N-300R-CM	0.236	6.0	0.0016	0.118	0.197	0.866	0.177	○		●	○	

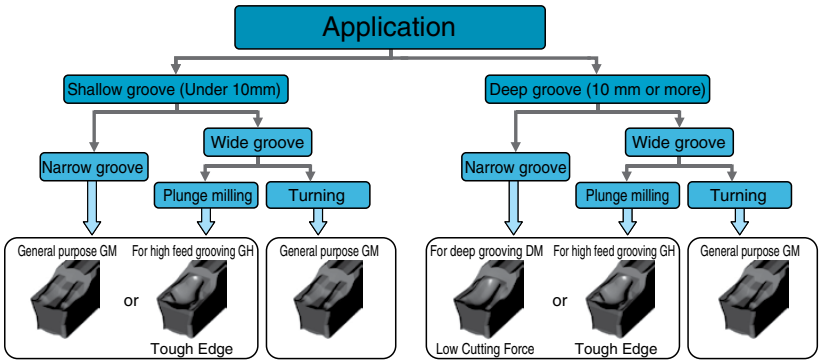
Recommended Cutting Conditions ➡ **G106**

Inserts Identification System

GDF M S 30 20 N – 030 DM

Series	Tolerance Symbol	No. of edge	Width	Insert Length	Hand of Tool	Corner-R (rε)	Chipbreaker Symbol
	M : Class M	**No Indication** : 2-Edge	**20** : 2mm	**20** : 20mm	**N** : Neutral	**020** : 0.2mm	**GM** : Grooving and Turning
		S: 1-Edge	**30** : 3mm			**030** : 0.3mm	**DM** : Grooving
			:			**040** : 0.4mm	**GH** : High feed grooving

Chipbreaker Selection



* If chip control is not stable when using the general GM chipbreaker for grooving, change the chipbreaker to the DM chipbreaker for deep grooving or GH chipbreaker for high feed grooving.

Inserts are sold in 10 piece boxes.

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● : U.S. Stock Standard
○ : World Express (Shipping: 7-10 Business Days)