

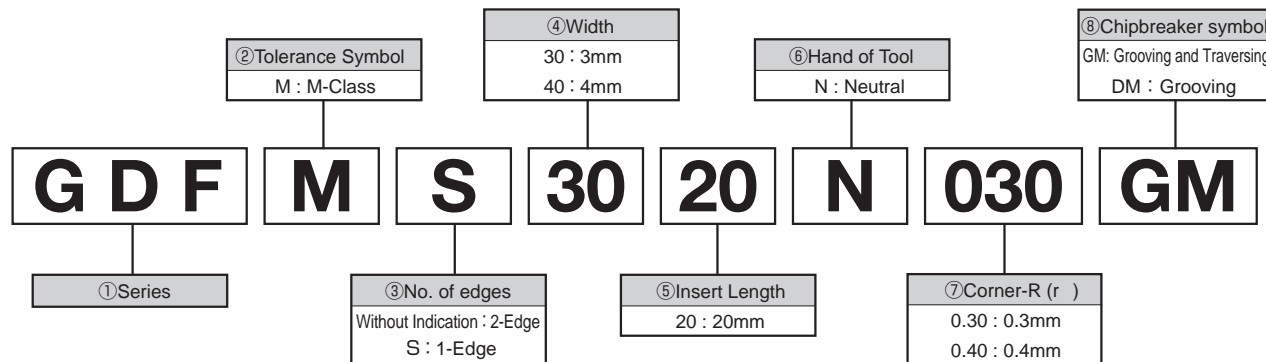
GDFM / GDFMS

Classification of usage ● : Continuous-Interruption / 1st Choice ○ : Continuous-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-)			

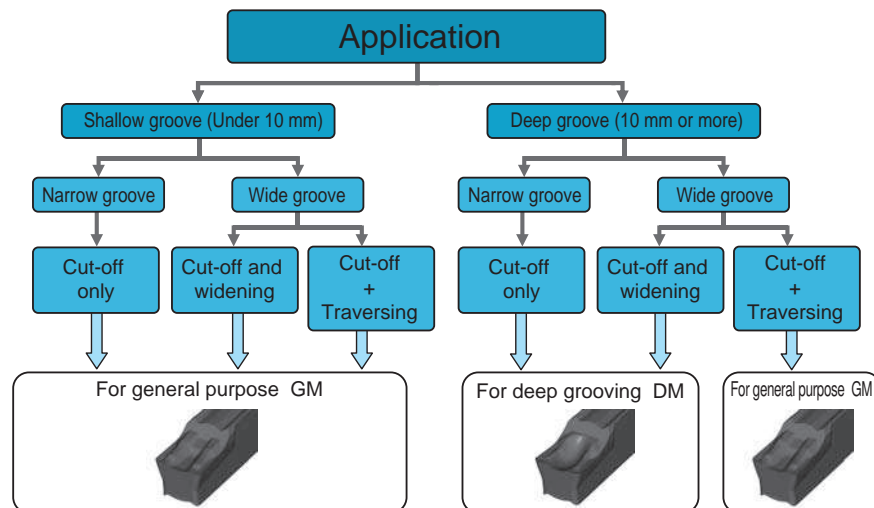
	Shape	Description	Dimension (mm)					Cermet			Ref. Page for Toolholder
			W tolerance	rε	M	L	H	TN90	MEGACOAT PR1225	PR1215	
Grooving and Longitudinal turning	2-Edge	GDFM 3020N-030GM	3.0	0.3	2.3	20	4.3	●	●	●	G70 G71 G72
		4020N-040GM	4.0		3.3			●	●	●	
		5020N-040GM	±0.04	4.2	●			●	●		
		6020N-040GM		5.2	●			●	●		
Grooving and Longitudinal Turning	2-Edge	GDFM 3020N-030DM	3.0	0.3	2.3	20	4.3	●	●	●	
		4020N-040DM	4.0		3.3			●	●	●	
		5020N-040DM	±0.04	4.2	●			●	●		
		6020N-040DM		5.2	●			●	●		
Deep grooving and Longitudinal Turning	1-Edge	GDFMS 3020N-030DM	3.0	0.3	2.3	20	4.3	●	●	●	
		4020N-040DM	4.0		3.3			●	●	●	
		5020N-040DM	±0.04	4.2	●			●	●		
		6020N-040DM		5.2	●			●	●		

Recommended Cutting Conditions ➔ G74

Indication of Description



Chipbreaker Selection



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

● : Std. Item
□ : Check Availability

Inserts are sold in 10 piece boxes.