для заказа - kyocera@kyocera-tools.ru

GDM / GDG

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

		NEW		NEW		
P	Carbon Steel / Alloy Steel	◔	●	◔		
M	Stainless Steel	●	◔	◔		
K	Cast Iron				●	◔

Insert (Right-handed Insert Shown)	Part Number	Dimensions (in) W inch	W mm	W Tolerance	rε	M	L	H	Angle θ	MEGA COAT NANO PR1535	MEGA COAT PR1225	MEGA COAT PR1215	DLC PDL025	Carbide GW15	Ref. Page for Toolholder
Cut-off for Small Parts Machining															
Low Feed 2-edge	GDM 1316N-003PF	0.051	1.3	±0.0016	0.0012	0.039	0.630	0.146	-	○	○	○			
	1316N-015PF	0.051	1.3		0.0059	0.039	0.630	0.146	-	○	○	○			H14 H15
	1516N-003PF	0.059	1.5		0.0012	0.047	0.630	0.146	-	●	●	○			
	1516N-015PF	0.059	1.5		0.0059	0.047	0.630	0.146	-	●	●	○			
	2020N-003PF	0.079	2.0		0.0012	0.067	0.787	0.169	-	●	●				
	2020N-015PF	0.079	2.0		0.0059	0.067	0.787	0.169	-	●	●	○			
	2520N-003PF	0.098	2.5		0.0012	0.083	0.787	0.169	-	●	●				H14 ~ H19
	2520N-015PF	0.098	2.5		0.0059	0.083	0.787	0.169	-	●	●	○			
	3020N-003PF	0.118	3.0		0.0012	0.091	0.787	0.169	-	●	●				
	3020N-015PF	0.118	3.0		0.0059	0.091	0.787	0.169	-	●	●	○			
15° Lead Angle Low Feed / 2-edge	GDM 1316R-003PF-15D	0.051	1.3	±0.0016	0.0012	0.039	0.630	0.146	15°	○	○	○			
	1516R-003PF-15D	0.059	1.5		0.0012	0.047	0.630	0.146	15°	●	●	○			H14 H15
	1516R-015PF-15D	0.059	1.5		0.0059	0.047	0.630	0.146	15°	Ⓡ	Ⓡ	Ⓡ			
	2020R-003PF-15D	0.079	2.0		0.0012	0.067	0.787	0.169	15°	●	●				
	2020R-015PF-15D	0.079	2.0		0.0059	0.067	0.787	0.169	15°	Ⓡ	Ⓡ	Ⓡ			
	2520R-003PF-15D	0.098	2.5		0.0012	0.083	0.787	0.169	15°	●	●				
	2520R-015PF-15D	0.098	2.5		0.0059	0.083	0.787	0.169	15°	Ⓡ	Ⓡ	Ⓡ			
	3020R-003PF-15D	0.118	3.0		0.0012	0.091	0.787	0.169	15°	●	●				
	3020R-015PF-15D	0.118	3.0		0.0059	0.091	0.787	0.169	15°	Ⓡ	Ⓡ	Ⓡ			
Medium Feed 2-edge	GDM 2020N-010PQ	0.079	2.0	±0.0012	0.0039	0.067	0.787	0.169	-	●	●				
	2520N-010PQ	0.098	2.5		0.0039	0.083	0.787	0.169	-	●	●				
	3020N-010PQ	0.118	3.0		0.0039	0.091	0.787	0.169	-	●	●				H14 ~ H19
15° Lead Angle Medium Feed / 2-edge	GDM 2020R-010PQ-15D	0.079	2.0	±0.0012	0.0039	0.067	0.787	0.169	15°	Ⓡ	Ⓡ				
	2520R-010PQ-15D	0.098	2.5		0.0039	0.083	0.787	0.169	15°	Ⓡ	Ⓡ				
	3020R-010PQ-15D	0.118	3.0		0.0039	0.091	0.787	0.169	15°	Ⓡ	Ⓡ				
2-edge	GDG 2020N-005PG	0.079	2.0	±0.0008	0.0020	0.067	0.787	0.169	-	○	○		○	○	
	2520N-005PG	0.098	2.5		0.0020	0.083	0.787	0.169	-	○	○		○	○	
	3020N-005PG	0.118	3.0		0.0020	0.091	0.787	0.169	-	○	○		○	○	
15° Lead Angle 2-edge	GDG 2020R-005PG-15D	0.079	2.0	±0.0008	0.0020	0.067	0.787	0.169	15°	Ⓡ	Ⓡ		Ⓡ	Ⓡ	
	2520R-005PG-15D	0.098	2.5		0.0020	0.083	0.787	0.169	15°	Ⓡ	Ⓡ		Ⓡ	Ⓡ	
	3020R-005PG-15D	0.118	3.0		0.0020	0.091	0.787	0.169	15°	Ⓡ	Ⓡ		Ⓡ	Ⓡ	

Using PM/PF Chipbreaker (designed for cut-off) for grooving will not create a flat bottom (See Fig.)



Recommended Cutting Conditions ➔ **H20~H21**

Inserts are sold in 10 piece boxes

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