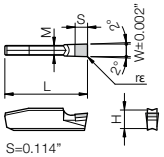
для заказа - kyocera@kyocera-tools.ru

GMN

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

					Ref. Page for Toolholder
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)	○	●		

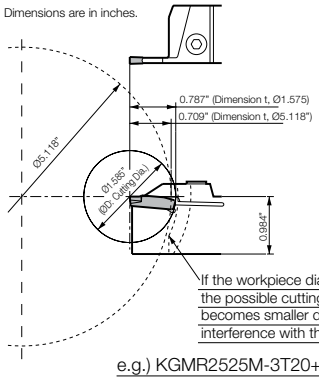
Insert	Part Number	Dimensions (in) W inch	W mm	rε	M	L	H	S	CBN KBN510	CBN KBN525	PCD KPD001	PCD KPD010	Ref. Page for Toolholder
 Deep Grooving 1-Edge	GMN 2	0.079	2.0	0.008	0.071	0.787	0.169	0.114			○	○	G36 G37
				0.016					○	○			
 S=0.114"	3	0.118	3.0	0.008	0.091						○	○	
				0.016					○	○			
	4	0.158	4.0	0.008	0.130						○	○	
				0.016					○	○			
	5	0.197	5.0	0.008	0.165						○	○	
				0.016					○	○			
	6	0.236	6.0	0.008	0.205							○	
				0.016					○	○			

Recommended Cutting Conditions ➔ G129

KGM / KGM-T Available Cutting Diameter

There is a limit to available grooving depth depending on the workpiece diameter

Dimensions are in inches.



e.g.) KGMR2525M-3T20+GMN3

KGM Available Cutting Diameter Table

Toolholders		ØD Cutting Diameter																
KGM℠	0810K-1.5-125	-	-	-	-	-	-	-	-	-	-	-	-	10mm	14mm	16mm	32mm	∞
	1010○-1.5…	-	-	-	-	-	-	-	20mm	25mm	32mm	40mm	60mm	∞	∞	∞	∞	
	1212○-1.5…	-	-	-	-	25mm	26mm	28mm	32mm	36mm	40mm	60mm	100mm					
	0810K-2-125	-	-	-	-	-	-	-	-	-	-	-	-	10mm	14mm	16mm	32mm	
	6-2-5								0.80"	1.00"	1.28"	1.60"	2.40"	∞	∞	∞	∞	
	1010○-2…	-	-	-	-	-	-	-	20mm	25mm	32mm	40mm	60mm					
	8-2-6					1.00"	1.04"	1.12"	2.00"	∞	∞	∞	∞					
	1212○-2…	-	-	-	-	25mm	26mm	28mm	50mm									
	1616○-2…	32mm	40mm	50mm	60mm	80mm	100mm	∞	∞									
	1010○-2.5…	-	-	-	-	-	-	-	20mm	25mm	32mm	40mm	60mm					
	1212○-2.5…	-	-	-	-	25mm	26mm	28mm	32mm	36mm	40mm	60mm	100mm					
	1616○-2.5…	32mm	40mm	50mm	60mm	80mm	100mm	∞	∞	∞	∞	∞	∞					
	1616○-3…	32mm	40mm	50mm	60mm	80mm	100mm											
Available Grooving Depth T (in)		0.64"	0.60"	0.56"	0.52"	0.50"	0.48"	0.44"	0.40"	0.36"	0.32"	0.28"	0.24"	0.20"	0.16"	0.12"	0.08"	0.04"
Available Grooving Depth T (mm)		16mm	15mm	14mm	13mm	12.5mm	12mm	11mm	10mm	9mm	8mm	7mm	6mm	5mm	4mm	3mm	2mm	1mm

KGM-T Available Cutting Diameter Table (GMN, GM℠ When Using 1-edge Insert)

Toolholders		ØD Cutting Diameter											
KGM℠	2012K-2T17	-	-	-	-	-	-	-	-	66mm	80mm	130mm	260mm	∞
	12-2T	-	-	-	-	-	-	-	-	2.64"	3.20"	5.20"	10.40"	
	2020K-2T17	-	-	-	-	-	-	-	-	66mm	80mm	130mm	260mm	
	16-2T	-	-	-	-	-	-	-	-	2.64"	3.20"	5.20"	10.40"	
	2525M-2T1710	-	-	-	-	-	-	-	-	66mm	80mm	130mm	260mm	
	1616H-3T20	-	-	-	-	-	40mm	54mm	70mm	100mm	180mm			
	2012K-3T20	-	-	-	-	-	40mm	90mm	130mm	240mm				
	12-3T	-	-	-	-	-	1.60"	3.60"	5.20"	9.60"				
	2020K-3T20	-	-	-	-	-	40mm	90mm	130mm	240mm				
	16-3T	-	-	-	-	-	1.60"	3.60"	5.20"	9.60"				
	2525M-3T20	-	-	-	-	-	40mm	90mm	130mm	240mm				
	12-4T	-	-	-	-	-	1.60"	3.60"	5.20"	9.60"				
	2020K-4T20	-	-	-	-	-	40mm	90mm	130mm	240mm	∞	∞	∞	
	2525M-4T20	-	-	-	-	-	40mm	90mm	130mm	240mm				
	16-4T	-	-	2.00"	5.60"	9.60"								
	2525M-4T25	-	-	50mm	140mm	240mm								
	16-5T	-	-	2.00"	5.60"	9.60"								
	2525M-5T25	-	-	50mm	140mm	240mm	∞	∞	∞	∞				
	3232P-5T25	-	-	50mm	280mm	600mm								
	2525M-6T30	100mm	300mm	∞	∞	∞								
Available Grooving Depth T (in)		1.20"	1.08"	1.00"	0.92"	0.88"	0.80"	0.76"	0.72"	0.68"	0.64"	0.60"	0.56"	<0.52"
Available Grooving Depth T (mm)		30mm	27mm	25mm	23mm	22mm	20mm	19mm	18mm	17mm	16mm	15mm	14mm	<13mm

CBN & PCD Inserts are sold in 1 piece boxes.

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

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