



2018

WINTER / SPRING

P R O M O P A C K

Indexable Grooving Offers



KGD Integral and SwitchBlade Styles



VALID THROUGH
June 30, 2018

KPTI Company Overview

Established in April 2014, KPTI unifies two of the world's leading cutting tool manufacturers, Kyocera Tycom Corporation (KTC) and the Cutting Tool Division of Kyocera Industrial Ceramics Corporation (KICC-CT).

The new company creates a combined enterprise that optimizes the strengths of both organizations and facilitates expansion of Kyocera's overall cutting tool-related business in North America. The new combined entity will unify cutting tool resources to create greater efficiencies while positioning the new organization for continued success.

Customers will benefit from a unified sales and support team offering improved customer service and an expanded portfolio of cutting tool products and solutions for the automotive, aerospace, general machining, medical, power generation, printed circuit board and steel markets.

KPTI North American Operations



Costa Mesa, CA

Wapakoneta, OH

Hendersonville, NC



Administration & Manufacturing

- Administration & Accounting Center
- Micro-Tools Manufacturing
- Printed Circuit Board Drill Manufacturing
- Micro-Tools & PCB Sales & Customer Service Center

Steel Tool Holder Manufacturing

- Indexable Drills
- Milling End Mills & Face Mills
- Boring Bars
- Turning and Grooving Holders
- API Ring Groovers

Sales, Tech Center & Marketing

- North American Tech Center
- North American Sales, Marketing & Customer Service Center

KPTI

Manufactured Products



Steel Toolholders for Milling, Turning, Grooving, Threading and Drilling Metal



Indexable metal cutting inserts made of carbide, ceramic, cermet, Cubic Boron Nitride, and Polycrystalline diamond



Solid carbide cutting tools for tight tolerance and micro-diameter metal cutting applications

KPTI Markets Served



Automotive



Aerospace



Medical



Printed Circuit Board



Power Generation

Explore the Many Ways to Save with the Kyocera 2018 Winter/Spring Promo Pack

In 2018 Kyocera Precision Tools, Inc. is offering more ways to advance your productivity while also reducing your tooling costs. With our wide array of indexable and solid round cutting tools, we strive to be your primary source for high-quality, cost-effective solutions for all of your metal cutting needs. Read below for our latest cost-savings opportunities.

To learn more about KPTI, please visit www.kyoceraprecisiontools.com.

Grooving Solutions

KGD SwitchBlade-Style Grooving Holders	Kits Include (1) KGD SwitchBlade-Style Holder and (10) GDM Inserts	P5
KGD Integral-Style Grooving Holders	Kits Include (1) KGD Integral-Style Holder and (10) GDM Inserts	P6

How to Order

Kyocera Precision Tools' high-performance lineup of indexable and solid round cutting tools can be purchased through our vast North American Distribution network. When placing an order for items in this Promo Pack, please reference the promo code provided in the [Promo Order Guide](#).

To locate an Authorized Kyocera Distributor, please visit www.kyoceraprecisiontools.com/locate

KGD Grooving & Cut-Off Kits

SwitchBlade-Style and Integral-Style Holders

Good Chip Control

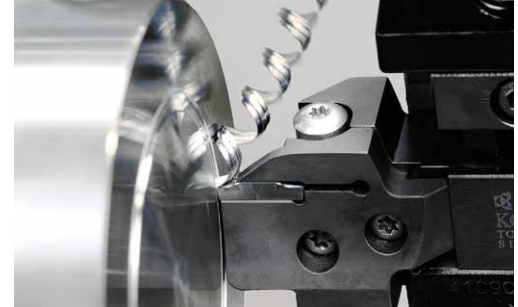
Reduces damage of cutting edge caused by crushing chips

Comprehensive Toolholder Lineup

Integral and SwitchBlade style holders available

Long Tool Life and Stable Machining of Various Workpieces

MEGACOAT NANO grade PR1535 is used to machine various materials from steel to stainless steel



Integral Type and SwitchBlade Type Toolholders for Various Applications

Integral Type



SwitchBlade Type



Integral type toolholders with a wide lineup of inserts for various groove widths and depths

SwitchBlade type toolholders with replaceable blades for various types of grooving and cut-off operations

Integral vs. SwitchBlade Selection Guide

Integral	SwitchBlade
<ul style="list-style-type: none"> • Various toolholder lineup Available for various grooving depths (shallow / medium / deep) Optimum overhang length • Available for low-rigidity machines and workpieces • For small machines with limited work space (Automatic lathe, small lathe, etc.) 	<ul style="list-style-type: none"> • Good for high-mix low-volume production Good for various groove widths by replacing blades • Good for difficult-to-cut material Tough cutting conditions Toolholder cost reduction with replaceable blades • Face grooving is possible by changing blade * Be sure to check the hand compatibility of the blade and toolholder

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KGD SwitchBlade-Style Kits

Kit includes (1) Holder and (10) Inserts

Choose your Holder and Insert Size



Shank Angle	Width (in)	Unit Part Number (Toolholder + Blade)	Stock		Dimensions (in)			Insert Width W (in)		Applicable Insert (Pick 1) See Page 7	U.S. Kit Price
			R	L	Shank Size (Square)	Overall Length	MAX Groove Depth	MIN.	MAX.		
0°	0.079 (2mm)	KGD ^{R/L} 12X-2T17S	●	●	0.75	4.80	0.669 (17mm)	0.079 (2mm)	0.118 (3mm)	GDM2420N020-GM PR1535 GDM3020N020-GM PR1535 GDM3020N040-GM PR1535	\$200
		16X-2T17S	●	●	1.00	5.78					\$210
	0.118 (3mm)	KGD ^{R/L} 12X-3T10S	●	●	0.75	4.52	0.394 (10mm)	0.118 (3mm)	0.157 (4mm)	GDM3020N020-GM PR1535 GDM3020N040-GM PR1535 GDM4020N020-GM PR1535 GDM4020N080-GM PR1535	\$200
			16X-3T10S	●	●	1.00					5.51
		KGD ^{R/L} 12X-3T20S	●	●	0.75	4.92	0.787 (20mm)				\$200
			16X-3T20S	●	●	1.00					5.90
	0.157 (4mm)	KGD ^{R/L} 12X-4T10S	●	●	0.75	4.52	0.394 (10mm)	0.157 (4mm)	0.197 (5mm)	GDM4020N020-GM PR1535 GDM4020N080-GM PR1535 GDM5020N040-GM PR1535	\$200
			16X-4T10S	●	●	1.00					5.51
		KGD ^{R/L} 12X-4T20S	●	●	0.75	4.92	0.787 (20mm)				\$200
			16X-4T20S	●	●	1.00					5.90
		KGD ^{R/L} 12X-4T25S	●	●	0.75	5.11	0.984 (25mm)				\$220
			16X-4T25S	●	●	1.00					6.10
0.197 (5mm)	KGD ^{R/L} 12X-5T10S	●	●	0.75	4.52	0.394 (10mm)	0.197 (5mm)	0.236 (6mm)	GDM5020N040-GM PR1535 GDM6020N040-GM PR1535 GDM6020N080-GM PR1535	\$220	
		16X-5T10S	●	●	1.00					5.51	\$240
	KGD ^{R/L} 12X-5T25S	●	●	0.75	5.11	0.984 (25mm)				\$220	
		16X-5T25S	●	●	1.00					6.10	\$240

● : U.S. Stock

KGD Integral-Style Kits

Kit includes (1) Holder and (10) Inserts
Choose your Holder and Insert Size

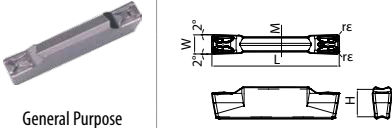


Width (in)	Part Number	Stock		Dimensions (in)			Insert Width W (in)		Applicable Insert (Pick 1) See Page 7	U.S. Kit Price
		R	L	Shank Size (Square)	Overall Length	MAX Groove Depth	MIN	MAX		
0.079 (2mm)	KGD $\frac{R}{L}$ 12-2T17	●	●	0.75	4.92	0.669 (17mm)	0.079 (2mm)	0.118 (3mm)	GDM2420N020-GM PR1535	\$180
	16-2T17	●	●	1.00	5.90				GDM3020N020-GM PR1535 GDM3020N040-GM PR1535	\$200
0.118 (3mm)	KGD $\frac{R}{L}$ 12-3T10	●	●	0.75	4.92	0.394 (10mm)	0.118 (3mm)	0.157 (4mm)	GDM3020N020-GM PR1535 GDM3020N040-GM PR1535 GDM4020N020-GM PR1535 GDM4020N080-GM PR1535	\$200
	16-3T10	●	●	1.00	5.90					\$200
	KGD $\frac{R}{L}$ 12-3T20	●	●	0.75	4.92	0.787 (20mm)				\$200
	16-3T20	●	●	1.00	5.90					\$200
0.157 (4mm)	KGD $\frac{R}{L}$ 12-4T10	●	●	0.75	4.92	0.394 (10mm)	0.157 (4mm)	0.197 (5mm)	GDM4020N020-GM PR1535 GDM4020N080-GM PR1535 GDM5020N040-GM PR1535	\$200
	16-4T10	●	●	1.00	5.90					\$200
	KGD $\frac{R}{L}$ 12-4T20	●	●	0.75	4.92	0.787 (20mm)				\$200
	16-4T20	●	●	1.00	5.90					\$220
	KGD $\frac{R}{L}$ 16-4T25	●	●	1.00	5.90					0.984 (25mm)
0.197 (5mm)	KGD $\frac{R}{L}$ 12-5T10	●	●	0.75	4.92	0.394 (10mm)	0.197 (5mm)	0.236 (6mm)	GDM5020N040-GM PR1535 GDM6020N040-GM PR1535 GDM6020N080-GM PR1535	\$220
	16-5T10	●	●	1.00	5.90					\$230
	KGD $\frac{R}{L}$ 12-5T17	●	●	0.75	4.92	0.669 (17mm)				\$220
	16-5T17	●	●	1.00	5.90					\$230
	KGD $\frac{R}{L}$ 16-5T25	●	●	1.00	5.90					0.984 (25mm)
0.236 (6mm)	KGD $\frac{R}{L}$ 16-6T15	●	●	1.00	5.90	0.590 (15mm)	0.236 (6mm)	0.236 (6mm)	GDM6020N040GM PR1535 GDM6020N080GM PR1535	\$230
	16-6T30	●	●	1.00	5.90	1.181 (30mm)				\$230
0.315 (8mm)	KGD $\frac{R}{L}$ 16-8T25	●	●	1.00	5.90	0.984 (25mm)	0.315 (8mm)	0.315 (8mm)	GDM8030N080GM PR1535	\$240

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KGD Inserts											
Usage Classification		P	Carbon Steel / Alloy Steel								
● : Light Interruption / 1st Choice		M	Stainless Steel							●	
		K	Cast Iron								
		S	Titanium Alloy (Ti-6Al-4V)							●	
		H	Hard Materials								
Insert	Part Number	Dimensions (in)							MEGACOAT NANO		
		W			rE	M	L	H	PR1535		
		inch	mm	tolerance							
 <p>General Purpose</p>	GDM 2420N-020GM	0.094	2.4	±0.0012	0.008	0.077	0.787	0.169	●		
	3020N-020GM	0.118	3.0		0.008	0.091			●		
	3020N-040GM	0.118	3.0		0.016	0.091			●		
	4020N-020GM	0.157	4.0		0.008	0.130			●		
	4020N-040GM	0.157	4.0		0.016	0.130			●		
	4020N-080GM	0.157	4.0		0.032	0.130			●		
	5020N-040GM	0.197	5.0	±0.0016	0.016	0.165			●		
	5020N-080GM	0.197	5.0		0.032	0.165			●		
	6020N-040GM	0.236	6.0		0.016	0.205			●		
	6020N-080GM	0.236	6.0		0.032	0.205			●		
	8030N-080GM	0.315	8.0	±0.0020	0.032	0.236			1.181	0.217	●

● : U.S. Stock



KYOCERA Precision Tools, Inc.

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Hendersonville, NC 28792
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