



2019

WINTER / SPRING

P R O M O P A C K



Special Offers for Milling and Drilling Solutions...



VALID THROUGH
June 30, 2019

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 2019 Winter/Spring Promo Pack

In 2019 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.

Milling Solutions

MFH-Micro High Feed Mills	Cost-Efficient Kits Featuring (1) Holder and (10) Inserts	P4
MFH-Mini High Feed Mills	Cost-Efficient Kits Featuring (1) Holder and (10) Inserts	P6
MFH-RAPTOR High Feed Mills	Cost-Efficient Kits Featuring (1) Holder and (10) Inserts	P8

Drilling Solutions

DRV Magic Drills	Kits Include (1) Drill Body and (10) Inside Inserts and (10) Outside Inserts	P12
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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 **Kit Part Number** found in each product table.

Example

	Pick 1 Cutter Part Number	Cutting Dia.	No. of Insert Pockets	Insert Part Number See Below	Pick 1 Insert Grade	Kit Part Number (Use when Ordering)	Kit Price \$USD
End Mills Standard Shank	MFH 0625-W625-03-2T-3	0.625"	2	LOGU030310ER-GM	PR1525 PR1535 CA6535	MFH0625W625032T3 KIT1 MFH0625W625032T3 KIT2 MFH0625W625032T3 KIT3	\$220.00
	① Choose a cutter or drill body				② Choose an insert size or grade	③ Reference the KIT Part Number when ordering	Discounted Kit Price



Locate a Distributor

Use our *Locate a Distributor* map at:
www.KyoceraPrecisionTools.com/locate



MFH-RAPTOR MICRO

Smallest Diameter in High Feed Milling Series

Durable Design Aids in Chatter Resistance

Maximum D.O.C. 0.020" with stable high feed machining in a wide range of applications

Replaces Solid End Mills to Reduce Machining Costs

Suppresses chattering and increases milling efficiency

Advanced Coating Technology

MEGACOAT NANO Coating technology increases tool life when machining difficult-to-cut materials



Molded Convex Cutting Edge

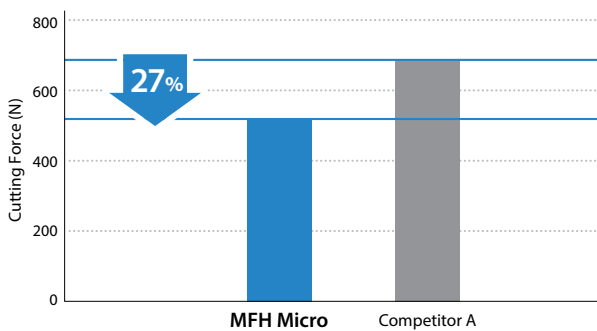


High Precision G Class Insert

1 Stable Machining with Chattering Resistance

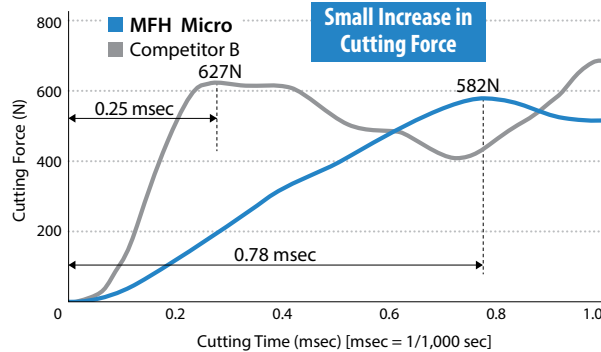
Molded Convex Cutting Edge Controls Initial Impact when Entering the Workpiece

Cutting Force Comparison (In-house Evaluation)



Cutting Conditions: $V_c = 390$ sfm, $f_z = 0.024$ ipt, D.O.C. = 0.016"
Cutter Dia. $\varnothing 0.375$ ", Slotting, Dry Workpiece: 1049

Increase in Cutting Force when Entering Work Piece (In-house Evaluation)



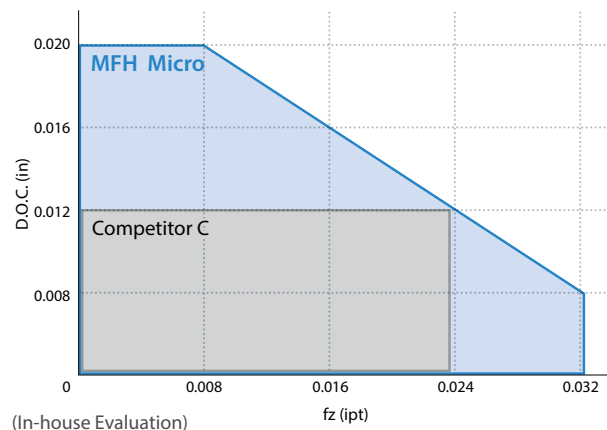
Cutting Conditions: $V_c = 390$ sfm, $f_z = 0.024$ ipt, D.O.C. $\times a_e = 0.016" \times 0.197"$
Cutter Dia. $\varnothing 0.375$ ", Dry Workpiece: 1049

2 Wide Range of Machining Applications

Wide Range of Machining Applications at a Maximum Depth of Cut of 0.020"

Stable Machining Even with Small Machining Centers

Cutting Performance Map (Cutter Dia. $\varnothing 0.375$ ")



(In-house Evaluation)

All 2019 Winter / Spring Offers Valid through June 30, 2019

All promotional items are available exclusively through Authorized North American Kyocera Precision Tool Distributors.

Please use specified Kit Part Number in product tables when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate. Prices shown valid in U.S. only.

MFH-RAPTOR MILLING
DRV MAGIC DRILL

MEGACOAT NANO
PR1525

First Choice for Carbon Steel and Alloy Steel

MEGACOAT NANO
PR1535

First Choice for Titanium and
Austenitic Stainless Steel

CVD Coated Carbide
CA6535

First Choice For Heat-Resistant Alloys and
Martensitic Stainless Steel


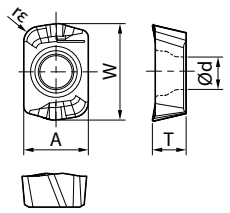


MFH-Micro End Mill Kits

Includes (1) Cutter and (10) Inserts
Choose your Cutter and Insert Grade

	Pick 1 Cutter Part Number	Cutting Dia.	No. of Insert Pockets	Insert Part Number See Below	Pick 1 Insert Grade	Kit Part Number (Use when Ordering)	U.S. Kit Price
Standard Shank (Cylindrical)	MFH 0500-S500-01-3T-3	0.500"	3	LPGT010210ER-GM	PR1525	MFH0500S500013T3 KIT1	\$170.00
					PR1535	MFH0500S500013T3 KIT2	
					CA6535	MFH0500S500013T3 KIT3	
	MFH 0625-S625-01-4T35	0.625"	4	LPGT010210ER-GM	PR1525	MFH0625S625014T35 KIT1	\$210.00
					PR1535	MFH0625S625014T35 KIT2	
					CA6535	MFH0625S625014T35 KIT3	

MFH-RAPTOR Micro Inserts

Usage Classification	P	Carbon Steel / Alloy Steel		★	★	★				
		Mold Steel								
★ Roughing / 1st Choice ☆ Roughing / 2nd Choice (When hardness is under 45HRC)	M	Austenitic Stainless Steel		★	☆	★				
		Martensitic Stainless Steel		☆		★				
	S	Heat Resistant Alloy (Ni-base)		☆		★				
Titanium Alloy (Ti-6Al-4V)		★								
Insert	Part Number	Dimensions (in)					MEGACOAT NANO		CVD Coating	
		A	T	Ød	W	rE	PR1535	PR1525	CA6535	
 General Purpose		LPGT 010210ER-GM	0.165	0.086	0.083	0.247	0.039	●	●	●

● : U.S. Stock



MFH-RAPTOR *Mini*

Small Diameter High Feed End Mills & Face Mills

Expanded Lineup

New MFH-Mini face mills now available in 1.500" and 2.000" diameters

Higher Productivity

Double-sided 4-edge inserts will save money and increase productivity

Advanced Coating Technology

MEGACOAT NANO Coating technology increases tool life when machining difficult-to-cut materials



MEGACOAT NANO
PR1525

First Choice for Carbon Steel and Alloy Steel

MEGACOAT NANO
PR1535

First Choice for Titanium and Austenitic Stainless Steel

CVD Coated Carbide
CA6535

First Choice For Heat-Resistant Alloys and Martensitic Stainless Steel

MFH-RAPTOR MILLING

DRV MAGIC DRILL



MFH-Mini Face Mill Kits

Includes (1) Cutter and (10) Inserts

Choose your Cutter and Insert Grade

Pick 1 Cutter Part Number		Cutting Dia.	No. of Insert Pockets	Insert Part Number See Page 7	Pick 1 Insert Grade	Kit Part Number (Use when Ordering)	U.S. Kit Price
Face Mills	MFH 1500R-03-5T	1.500"	5	LOGU030310ER-GM	PR1525	MFH1500R035T KIT1	\$330.00
					PR1535	MFH1500R035T KIT2	
					CA6535	MFH1500R035T KIT3	
	MFH 1500R-03-6T	1.500"	6	LOGU030310ER-GM	PR1525	MFH1500R036T KIT1	\$340.00
					PR1535	MFH1500R036T KIT2	
					CA6535	MFH1500R036T KIT3	
	MFH 2000R-03-8T	2.000"	8	LOGU030310ER-GM	PR1525	MFH2000R038T KIT1	\$460.00
					PR1535	MFH2000R038T KIT2	
					CA6535	MFH2000R038T KIT3	

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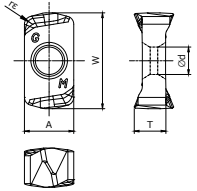


MFH-Mini End Mill Kits

Includes (1) Cutter and (10) Inserts
Choose your Cutter and Insert Grade

	Pick 1 Cutter Part Number	Cutting Dia.	No. of Insert Pockets	Insert Part Number See Below	Pick 1 Insert Grade	Kit Part Number (Use when Ordering)	U.S. Kit Price
End Mills Standard Shank (Weldon)	MFH 0625-W625-03-2T-3	0.625"	2	LOGU030310ER-GM	PR1525	MFH0625W625032T3 KIT1	\$230.00
					PR1535	MFH0625W625032T3 KIT2	
					CA6535	MFH0625W625032T3 KIT3	
	MFH 0750-W750-03-3T-4	0.750"	3	LOGU030310ER-GM	PR1525	MFH0750W750033T4 KIT1	\$270.00
					PR1535	MFH0750W750033T4 KIT2	
					CA6535	MFH0750W750033T4 KIT3	
	MFH 1000-W100-03-4T47	1.000"	4	LOGU030310ER-GM	PR1525	MFH1000W100034T47 KIT1	\$280.00
					PR1535	MFH1000W100034T47 KIT2	
					CA6535	MFH1000W100034T47 KIT3	
	MFH 1000-W100-03-5T47	1.000"	5	LOGU030310ER-GM	PR1525	MFH1000W100035T47 KIT1	\$300.00
					PR1535	MFH1000W100035T47 KIT2	
					CA6535	MFH1000W100035T47 KIT3	
	MFH 1250-W125-03-5T-5	1.250"	5	LOGU030310ER-GM	PR1525	MFH1250W125035T5 KIT1	\$310.00
					PR1535	MFH1250W125035T5 KIT2	
					CA6535	MFH1250W125035T5 KIT3	
	MFH 1250-W125-03-6T-5	1.250"	6	LOGU030310ER-GM	PR1525	MFH1250W125036T5 KIT1	\$320.00
					PR1535	MFH1250W125036T5 KIT2	
					CA6535	MFH1250W125036T5 KIT3	
End Mills Standard Shank (Cylindrical)	MFH 0625-S625-03-2T-6	0.625"	2	LOGU030310ER-GM	PR1525	MFH0625S625032T6 KIT1	\$250.00
					PR1535	MFH0625S625032T6 KIT2	
					CA6535	MFH0625S625032T6 KIT3	
	MFH 0750-S750-03-3T65	0.750"	3	LOGU030310ER-GM	PR1525	MFH0750S750033T65 KIT1	\$280.00
					PR1535	MFH0750S750033T65 KIT2	
					CA6535	MFH0750S750033T65 KIT3	
	MFH 1000-S100-03-4T-7	1.000"	4	LOGU030310ER-GM	PR1525	MFH1000S100034T7 KIT1	\$320.00
					PR1535	MFH1000S100034T7 KIT2	
					CA6535	MFH1000S100034T7 KIT3	
	MFH 1250-S125-03-5T-8	1.250"	5	LOGU030310ER-GM	PR1525	MFH1250S125035T8 KIT1	\$340.00
					PR1535	MFH1250S125035T8 KIT2	
					CA6535	MFH1250S125035T8 KIT3	

MFH-RAPTOR Mini Inserts

Usage Classification	P	Carbon Steel / Alloy Steel		★	☆	★				
		Mold Steel								
★ Roughing / 1st Choice ☆ Roughing / 2nd Choice (When hardness is under 45HRC)	M	Austenitic Stainless Steel		★	☆	★				
		Martensitic Stainless Steel		☆		★				
	S	Heat Resistant Alloy (Ni-base)		☆		★				
		Titanium Alloy (Ti-6Al-4V)		★						
Insert	Part Number	Dimensions (in)					MEGACOAT NANO			CVD Coating
		A	T	Ød	W	rε	PR1535	PR1525	CA6535	
 General Purpose		LOGU 030310ER-GM	0.244	0.156	0.136	0.469	0.039	●	●	●

● : U.S. Stock

KYOCERA Precision Tools, Inc.

P : 800.823.7284 • F : 828.692.1344 • E : ctsales@kyocera.com

Official Website : www.kyoceraprecisiontools.com • Distributor Website : mykpti.kyocera.com

MFH-RAPTOR MILLING

DRY MAGIC DRILL



MFH-RAPTOR

Anti-Vibration Design for High Feed Milling Applications

High Feed with Less Vibration

Offering a variety of options with 3 different insert designs

Higher Productivity

Available for ramping and helical milling

Advanced Coating Technology

MEGACOAT NANO Coating technology increases tool life when machining difficult-to-cut materials



MEGACOAT NANO
PR1525

First Choice for Carbon Steel and Alloy Steel

MEGACOAT NANO
PR1535

First Choice for Titanium and Austenitic Stainless Steel

CVD Coated Carbide
CA6535

First Choice For Heat-Resistant Alloys and Martensitic Stainless Steel



MFH-RAPTOR End Mill Kits

Includes (1) Cutter and (10) Inserts
Choose your Cutter and Insert Grade

	Pick 1 Cutter Part Number	Cutting Dia.	No. of Insert Pockets	Insert Part Number See Page 11	Pick 1 Insert Grade	Kit Part Number (Use when Ordering)	U.S. Kit Price
End Mills Standard Shank (Weldon)	MFH 1000-W100-10-2T	1.000"	2	SOMT100420ER-GM	PR1525	MFH1000W100102T KIT1	\$200.00
					PR1535	MFH1000W100102T KIT2	
					CA6535	MFH1000W100102T KIT3	
	MFH 1250-W125-10-3T	1.250"	3	SOMT100420ER-GM	PR1525	MFH1250W125103T KIT1	\$240.00
					PR1535	MFH1250W125103T KIT2	
					CA6535	MFH1250W125103T KIT3	
	MFH 1500-W150-10-3T	1.500"	3	SOMT100420ER-GM	PR1525	MFH1500W150103T KIT1	\$310.00
					PR1535	MFH1500W150103T KIT2	
					CA6535	MFH1500W150103T KIT3	
	MFH 1500-W150-10-4T	1.500"	4	SOMT100420ER-GM	PR1525	MFH1500W150104T KIT1	\$350.00
					PR1535	MFH1500W150104T KIT2	
					CA6535	MFH1500W150104T KIT3	

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MFH-RAPTOR End Mill Kits (Continued)

Includes (1) Cutter and (10) Inserts
Choose your Cutter and Insert Grade

	Pick 1 Cutter Part Number	Cutting Dia.	No. of Insert Pockets	Insert Part Number See Page 11	Pick 1 Insert Grade	Kit Part Number (Use when Ordering)	U.S. Kit Price
End Mills Long Shank (Cylindrical)	MFH 1000-S100-10-2T-8	1.000"	2	SOMT100420ER-GM	PR1525	MFH1000S100102T8 KIT1	\$250.00
					PR1535	MFH1000S100102T8 KIT2	
					CA6535	MFH1000S100102T8 KIT3	
	MFH 1250-S125-10-2T-8	1.250"	2	SOMT100420ER-GM	PR1525	MFH1250S125102T8 KIT1	\$270.00
					PR1535	MFH1250S125102T8 KIT2	
					CA6535	MFH1250S125102T8 KIT3	
	MFH 1500-S125-10-4T-10	1.500"	4	SOMT100420ER-GM	PR1525	MFH1500S125104T10 KIT1	\$330.00
					PR1535	MFH1500S125104T10 KIT2	
					CA6535	MFH1500S125104T10 KIT3	

MFH-RAPTOR MILLING
DRY MAGIC DRILL



MFH-RAPTOR Face Mill Kits

Includes (1) Cutter and (10) Inserts

Choose your Cutter and Insert Grade

Pick 1 Cutter Part Number		Cutting Dia.	No. of Insert Pockets	Insert Part Number See Page 11	Pick 1 Insert Grade		Kit Part Number (Use when Ordering)	U.S. Kit Price
Face Mills	MFH 2000R-10-4T	2.000"	4	SOMT100420ER-GM	PR1525	MFH2000R104T KIT1	\$350.00	
					PR1535	MFH2000R104T KIT2		
					CA6535	MFH2000R104T KIT3		
	MFH 2000R-10-5T	2.000"	5	SOMT100420ER-GM	PR1525	MFH2000R105T KIT1	\$350.00	
					PR1535	MFH2000R105T KIT2		
					CA6535	MFH2000R105T KIT3		
	MFH 2500R-10-5T	2.500"	5	SOMT100420ER-GM	PR1525	MFH2500R105T KIT1	\$360.00	
					PR1535	MFH2500R105T KIT2		
					CA6535	MFH2500R105T KIT3		
	MFH 2500R-10-6T	2.500"	6	SOMT100420ER-GM	PR1525	MFH2500R106T KIT1	\$370.00	
					PR1535	MFH2500R106T KIT2		
					CA6535	MFH2500R106T KIT3		
MFH 3000R-10-7T	3.000"	7	SOMT100420ER-GM	PR1525	MFH3000R107T KIT1	\$380.00		
				PR1535	MFH3000R107T KIT2			
				CA6535	MFH3000R107T KIT3			
MFH 2000R-14-4T	2.000"	4	SOMT140520ER-GM	PR1525	MFH2000R144T KIT1	\$360.00		
				PR1535	MFH2000R144T KIT2			
				CA6535	MFH2000R144T KIT3			
MFH 2500R-14-5T	2.500"	5	SOMT140520ER-GM	PR1525	MFH2500R145T KIT1	\$370.00		
				PR1535	MFH2500R145T KIT2			
				CA6535	MFH2500R145T KIT3			
MFH 3000R-14-5T	3.000"	5	SOMT140520ER-GM	PR1525	MFH3000R145T KIT1	\$380.00		
				PR1535	MFH3000R145T KIT2			
				CA6535	MFH3000R145T KIT3			
MFH 3000R-14-6T	3.000"	6	SOMT140520ER-GM	PR1525	MFH3000R146T KIT1	\$430.00		
				PR1535	MFH3000R146T KIT2			
				CA6535	MFH3000R146T KIT3			
MFH 4000R-14-6T	4.000"	6	SOMT140520ER-GM	PR1525	MFH4000R146T KIT1	\$440.00		
				PR1535	MFH4000R146T KIT2			
				CA6535	MFH4000R146T KIT3			
MFH 4000R-14-7T	4.000"	7	SOMT140520ER-GM	PR1525	MFH4000R147T KIT1	\$470.00		
				PR1535	MFH4000R147T KIT2			
				CA6535	MFH4000R147T KIT3			
MFH 5000R-14-7T	5.000"	7	SOMT140520ER-GM	PR1525	MFH5000R147T KIT1	\$620.00		
				PR1535	MFH5000R147T KIT2			
				CA6535	MFH5000R147T KIT3			
MFH 6000R-14-8T	6.000"	8	SOMT140520ER-GM	PR1525	MFH6000R148T KIT1	\$820.00		
				PR1535	MFH6000R148T KIT2			
				CA6535	MFH6000R148T KIT3			


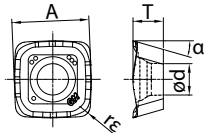
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MFH-RAPTOR MILLING
DRV MAGIC DRILL

MFH-Raptor Inserts

Usage Classification		P	Carbon Steel / Alloy Steel					★		
			Mold Steel					★		
★ Roughing / 1st Choice ☆ Roughing / 2nd Choice (When hardness is under 45HRC)		M	Austenitic Stainless Steel				★	☆		
			Martensitic Stainless Steel				☆			★
		S	Heat Resistant Alloy (Ni-base)				☆			★
			Titanium Alloy (Ti-6Al-4V)				★			
Insert		Part Number	Dimensions (in)				Angle	MEGACOAT NANO		CVD Coating
			A	T	Ød	rε	α	PR1535	PR1525	CA6535
		SOMT 100420ER-GM	0.406	0.180	0.181	0.079	16°	●	●	●
		SOMT 140520ER-GM	0.557	0.219	0.228	0.079	16°	●	●	●

● : U.S. Stock



DRV Magic Drill Kits

High Efficiency and High Speed Indexable Drill

2xD to 6xD drilling lineup with 4 chipbreakers for various machining applications

High speed and highly efficient machining with the combination of a CVD outer insert and PVD inner insert

Excellent hole accuracy with a highly rigid design for better chatter resistance



NEW Expanded Lineup from Ø0.562"~Ø1.250"

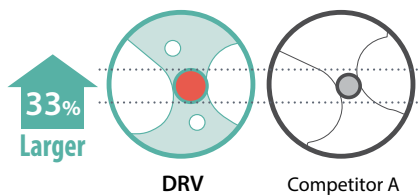
MFH-RAPTOR MILLING

DRV MAGIC DRILL

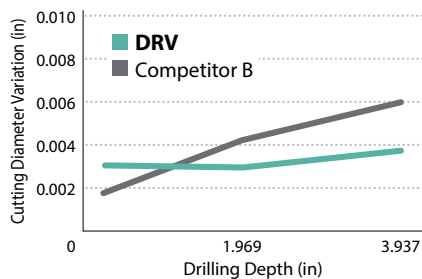
1 Excellent Drilling Precision with Less Variation in Cutting Diameter

Optimal Web Thickness and Low Cutting Force Design Reduces Chattering

Web Thickness Comparison (Internal Evaluation)

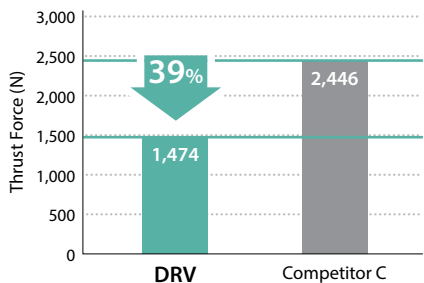


Cutting Diameter Variation Comparison (Internal Evaluation)



Cutting Conditions : $V_c = 490$ sfm, $f = 0.0024$ ipr
Cutting Dia. Ø0.812" (5D), Wet, Workpiece : 1049

Cutting Force Comparison (Internal Evaluation)



Cutting Conditions : $V_c = 660$ sfm, $f = 0.0047$ ipr
Cutting Dia. Ø0.812" (3D), Wet, Workpiece : 1049

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2 Unique Insert Design to Control Chip Flow

Outer Edge Insert



Smooth Chip Evacuation with Compact Chips

Chip Shape Comparison of Outer Insert Cutting Edge (Internal Evaluation)



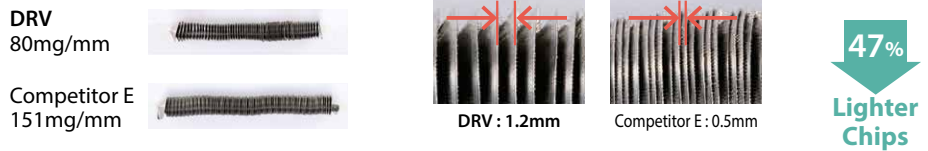
Cutting Conditions : Vc = 490 sfm, f = 0.0024 ipr, Cutting Dia. Ø0.812 (3D), Wet, Workpiece : 1049

Inner Edge Insert



Excellent Chip Evacuation with 6xD Maximum Deep-Hole Drilling

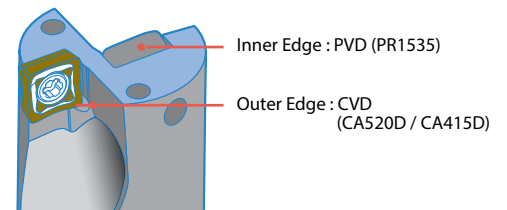
Weight per Unit of Length for Chips Generated by the Inner Insert (Internal Evaluation)



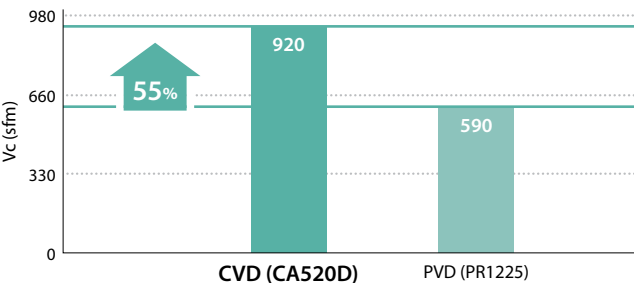
Cutting Conditions : Vc = 820 sfm, f = 0.0031 ipr, Cutting Dia. Ø0.812 (5D), Wet, Workpiece : 304

3 New Insert Grades Developed for Drilling

High Speed and Highly Efficient Machining with the Combination of CVD (Outer Edge) and PVD (Inner Edge) Inserts

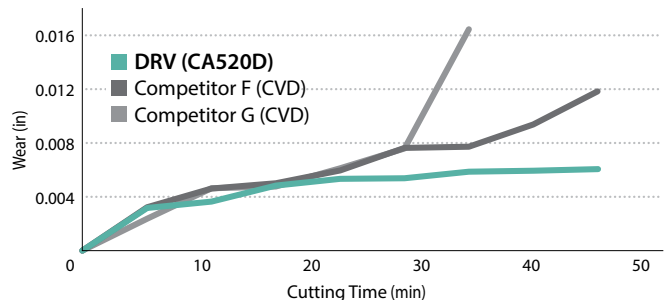


Recommended Cutting Conditions (Maximum Values)



Cutting Dia. Ø0.812" (3D) Workpiece : 1049

Wear Resistance Comparison (Internal Evaluation)



Cutting Conditions : Vc = 660 sfm, f = 0.0047 ipr, Cutting Dia. Ø0.812" (3D), Wet Workpiece : 4140H



DRV Magic Drill - 2D Kits

Includes (1) Drill and (10) Inside Inserts and (10) Outside Inserts

Choose Your Drill Size and 1 of 2 Insert Combinations

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts				Kit Part Number (Use when Ordering)	U.S. Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade		
NEW S075-DRV0562-2-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562204GM KIT	\$330.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562204SM KIT	
S075-DRV0625-2-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625205GM KIT	\$330.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625205SM KIT	
S075-DRV0656-2-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656205GM KIT	\$330.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656205SM KIT	
S100-DRV0688-2-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688205GM KIT	\$330.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688205SM KIT	
S100-DRV0750-2-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750206GM KIT	\$330.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750206SM KIT	
S100-DRV0812-2-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812206GM KIT	\$330.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812206SM KIT	
S100-DRV0875-2-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875206GM KIT	\$330.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875206SM KIT	
S100-DRV0938-2-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938207GM KIT	\$350.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938207SM KIT	
S100-DRV0984-2-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984207GM KIT	\$350.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984207SM KIT	
S100-DRV1000-2-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000207GM KIT	\$350.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000207SM KIT	
NEW S125DRV1062-2-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062209GM KIT	\$400.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062209SM KIT	
NEW S125DRV1125-2-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125209GM KIT	\$400.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125209SM KIT	
NEW S125DRV1188-2-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188209GM KIT	\$400.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188209SM KIT	
NEW S150DRV1250-2-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250209GM KIT	\$400.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250209SM KIT	

■ Estimated Cutting Tolerance (2D)

Applicable Insert Information Page 19

ØDc	Estimated Cutting Tolerance (in)
Ø0.562" - Ø1.250"	+0.012 0

The above values are estimates.
These values may change due to machine, workpiece, clamping power, and cutting conditions

All 2019 Winter / Spring Offers Valid through June 30, 2019

All promotional items are available exclusively through Authorized North American Kyocera Precision Tool Distributors.

Please use specified Kit Part Number in product tables when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate. Prices shown valid in U.S. only.

MFH-RAPTOR MILLING

DRV MAGIC DRILL



DRV Magic Drill - 3D Kits

Includes (1) Drill and (10) Inside Inserts and (10) Outside Inserts
Choose Your Drill Size and 1 of 2 Insert Combinations

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts				Kit Part Number (Use when Ordering)	U.S. Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade		
NEW S075-DRV0562-3-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562304GM KIT	\$340.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562304SM KIT	
S075-DRV0625-3-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625305GM KIT	\$340.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625305SM KIT	
S075-DRV0656-3-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656305GM KIT	\$340.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656305SM KIT	
S100-DRV0688-3-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688305GM KIT	\$340.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688305SM KIT	
S100-DRV0750-3-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750306GM KIT	\$350.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750306SM KIT	
S100-DRV0812-3-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812306GM KIT	\$350.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812306SM KIT	
S100-DRV0875-3-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875306GM KIT	\$350.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875306SM KIT	
S100-DRV0938-3-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938307GM KIT	\$360.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938307SM KIT	
S100-DRV0984-3-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984307GM KIT	\$360.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984307SM KIT	
S100-DRV1000-3-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000307GM KIT	\$360.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000307SM KIT	
NEW S125DRV1062-3-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062309GM KIT	\$420.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062309SM KIT	
NEW S125DRV1125-3-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125309GM KIT	\$420.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125309SM KIT	
NEW S125DRV1188-3-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188309GM KIT	\$420.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188309SM KIT	
NEW S150DRV1250-3-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250309GM KIT	\$420.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250309SM KIT	

MH-RAPTOR MILLING

DRV MAGIC DRILL

Estimated Cutting Tolerance (3D)

Applicable Insert Information [Page 19](#)

ØDc	Estimated Cutting Tolerance (in)
Ø0.562" - Ø1.250"	+0.012 0

The above values are estimates.
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KYOCERA Precision Tools, Inc.

P: 800.823.7284 • F: 828.692.1344 • E: ctsales@kyocera.com

Official Website: www.kyoceraprecisiontools.com • Distributor Website: mykpti.kyocera.com



DRV Magic Drill - 4D Kits

Includes (1) Drill and (10) Inside Inserts and (10) Outside Inserts

Choose Your Drill Size and 1 of 2 Insert Combinations

MFH-RAPTOR MILLING

DRV MAGIC DRILL

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts				Kit Part Number (Use when Ordering)	U.S. Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade		
NEW S075-DRV0562-4-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562404GM KIT	\$370.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562404SM KIT	
S075-DRV0625-4-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625405GM KIT	\$370.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625405SM KIT	
S075-DRV0656-4-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656405GM KIT	\$370.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656405SM KIT	
S100-DRV0688-4-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688405GM KIT	\$370.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688405SM KIT	
S100-DRV0750-4-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750406GM KIT	\$380.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750406SM KIT	
S100-DRV0812-4-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812406GM KIT	\$380.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812406SM KIT	
S100-DRV0875-4-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875406GM KIT	\$380.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875406SM KIT	
S100-DRV0938-4-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938407GM KIT	\$400.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938407SM KIT	
S100-DRV0984-4-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984407GM KIT	\$400.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984407SM KIT	
S100-DRV1000-4-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000407GM KIT	\$400.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000407SM KIT	
NEW S125DRV1062-4-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062409GM KIT	\$460.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062409SM KIT	
NEW S125DRV1125-4-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125409GM KIT	\$460.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125409SM KIT	
NEW S125DRV1188-4-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188409GM KIT	\$460.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188409SM KIT	
NEW S150DRV1250-4-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250409GM KIT	\$460.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250409SM KIT	

■ Estimated Cutting Tolerance (4D)

Applicable Insert Information Page 19

ØDc	Estimated Cutting Tolerance (in)
Ø0.562" - Ø1.250"	+0.014 0

The above values are estimates.
These values may change due to machine, workpiece, clamping power, and cutting conditions

All 2019 Winter / Spring Offers Valid through June 30, 2019

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Please use specified Kit Part Number in product tables when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate. Prices shown valid in U.S. only.



DRV Magic Drill - 5D Kits

Includes (1) Drill and (10) Inside Inserts and (10) Outside Inserts
Choose Your Drill Size and 1 of 2 Insert Combinations

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts				Kit Part Number (Use when Ordering)	U.S. Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade		
NEW S075-DRV0562-5-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562504GM KIT	\$400.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562504SM KIT	
S075-DRV0625-5-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625505GM KIT	\$400.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625505SM KIT	
S075-DRV0656-5-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656505GM KIT	\$400.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656505SM KIT	
S100-DRV0688-5-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688505GM KIT	\$400.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688505SM KIT	
S100-DRV0750-5-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750506GM KIT	\$420.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750506SM KIT	
S100-DRV0812-5-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812506GM KIT	\$420.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812506SM KIT	
S100-DRV0875-5-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875506GM KIT	\$450.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875506SM KIT	
S100-DRV0938-5-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938507GM KIT	\$450.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938507SM KIT	
S100-DRV0984-5-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984507GM KIT	\$450.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984507SM KIT	
S100-DRV1000-5-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000507GM KIT	\$450.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000507SM KIT	
NEW S125DRV1062-5-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062509GM KIT	\$500.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062509SM KIT	
NEW S125DRV1125-5-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125509GM KIT	\$500.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125509SM KIT	
NEW S125DRV1188-5-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188509GM KIT	\$500.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188509SM KIT	
NEW S150DRV1250-5-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250509GM KIT	\$560.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250509SM KIT	

MFH-RAPTOR MILLING

DRV MAGIC DRILL

■ Estimated Cutting Tolerance (5D)

Applicable Insert Information Page 19

ØDc	Estimated Cutting Tolerance (in)
Ø0.562" - Ø1.250"	+0.014 0

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KYOCERA Precision Tools, Inc.

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DRV Magic Drill - 6D Kits

Includes (1) Drill and (10) Inside Inserts and (10) Outside Inserts
Choose Your Drill Size and 1 of 2 Insert Combinations

MFH-RAPTOR MILLING

DRV MAGIC DRILL

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts				Kit Part Number (Use when Ordering)	U.S. Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade		
NEW S075-DRV0562-6-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562604GM KIT	\$460.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562604SM KIT	
S075-DRV0625-6-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625605GM KIT	\$460.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625605SM KIT	
S075-DRV0656-6-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656605GM KIT	\$460.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656605SM KIT	
S100-DRV0688-6-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688605GM KIT	\$460.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688605SM KIT	
S100-DRV0750-6-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750606GM KIT	\$460.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750606SM KIT	
S100-DRV0812-6-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812606GM KIT	\$460.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812606SM KIT	
S100-DRV0875-6-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875606GM KIT	\$460.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875606SM KIT	
S100-DRV0938-6-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938607GM KIT	\$490.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938607SM KIT	
S100-DRV0984-6-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984607GM KIT	\$490.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984607SM KIT	
S100-DRV1000-6-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000607GM KIT	\$490.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000607SM KIT	
NEW S125DRV1062-6-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062609GM KIT	\$570.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062609SM KIT	
NEW S125DRV1125-6-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125609GM KIT	\$570.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125609SM KIT	
NEW S125DRV1188-6-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188609GM KIT	\$570.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188609SM KIT	
NEW S150DRV1250-6-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250609GM KIT	\$570.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250609SM KIT	

■ Estimated Cutting Tolerance (6D)

Applicable Insert Information Page 19

ØDc	Estimated Cutting Tolerance (in)
Ø0.562" - Ø1.250"	+0.018 0

The above values are estimates.
These values may change due to machine, workpiece, clamping power, and cutting conditions





All 2019 Winter / Spring Offers Valid through June 30, 2019

All promotional items are available exclusively through Authorized North American Kyocera Precision Tool Distributors.

Please use specified Kit Part Number in product tables when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate. Prices shown valid in U.S. only.

DRV Inserts

Choose (10) Inserts for the Outside Edge and (10) Inserts for the Inside Edge

Usage Classification		P	Carbon Steel / Alloy Steel				☆	★	★	
			Tool Steel				☆	★	★	
★ : 1st Recommendation (High Speed and Highly Efficient Machining) ☆ : 2nd Recommendation (Stable Machining Oriented)		M	Stainless Steel				☆	★	★	
		K	Cast Iron				☆		★	
Insert	Insert Pocket	Part Number	Dimensions (in)				Angle	MEGACOAT	CVD Coated Carbide	MEGACOAT NANO
			A	T	Ød	rε	α	PR1225	CA520D	PR1535
 General Purpose	Outer Edge	SCMT 040205-GM-E	0.189	0.087	0.094	0.020	7°		●	
		050205-GM-E	0.207	0.102	0.094	0.020			●	
		060205-GM-E	0.252	0.110	0.114	0.020			●	
		070305-GM-E	0.301	0.126	0.138	0.020			●	
		090405-GM-E	0.358	0.161	0.157	0.020			●	
 Stainless Steel Machining		SCMT 040205-SM-E	0.189	0.087	0.094	0.020	7°	●		
		050205-SM-E	0.207	0.102	0.094	0.020		●		
		060205-SM-E	0.252	0.110	0.114	0.020		●		
		070305-SM-E	0.301	0.126	0.138	0.020		●		
		090405-SM-E	0.358	0.161	0.157	0.020		●		
 General Purpose	Inner Edge	SCMT 040209-GM-I	0.197	0.087	0.094	0.035	7°			●
		050210-GM-I	0.224	0.102	0.094	0.039				●
		060210-GM-I	0.272	0.110	0.114	0.039				●
		070310-GM-I	0.323	0.126	0.138	0.039				●
		090410-GM-I	0.386	0.161	0.157	0.039				●
 Stainless Steel Machining		SCMT 040209-SM-I	0.197	0.087	0.094	0.035	7°			●
		050210-SM-I	0.224	0.102	0.094	0.039				●
		060210-SM-I	0.272	0.110	0.114	0.039				●
		070310-SM-I	0.323	0.126	0.138	0.039				●
		090410-SM-I	0.386	0.161	0.157	0.039				●

-E : Outer Edge Insert
-I : Inner Edge Insert

● : U.S. Stock

Insert Grade Selection Guide

Select CVD for the outer edge when performing high speed and high efficiency drilling and for abrasion resistance and long tool life.

Select PVD MEGACOAT for the outer edge for stable machining and a better surface finish.

PVD MEGACOAT is recommended for the outer edge if chattering occurs, machining with lathe, or if cutting conditions cannot be increased to the recommended speed for CVD.

1st Recommendation

(High Speed and High Efficiency Machining)

Outer Edge : CVD(CA520D)

Inner Edge : PVD (PR1535)

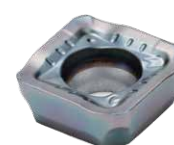


Stable Machining Oriented

(1st Recommendation for Lathe Machining)

Outer Edge : PVD (PR1225)

Inner Edge : PVD (PR1535)



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