KYOCERA

WINTER 22

EXTENDED

~~2022 | SPRING & SUMMER~~

PROMO PACK

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MFH-MAX High-Feed Milling Cutters &
DRV High-Speed Magic Drills

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Details Inside

KYOCERA PRECISION TOOLS (KPT)

KYOCERA Precision Tools

KYOCERA Precision Tools (KPT) is a division of the Kyocera-SGS Precision Tools Group specializing in the manufacturing, servicing, and marketing of Indexable Cutting Tools. With over 40 years of cutting tool expertise, KYOCERA has become the market-leader in Japan and has an established global presence with manufacturing, technical centers and sales offices in the Americas, Europe, and Asia.

CUTTING-EDGE, COST-EFFICIENT SOLUTIONS

KYOCERA Precision Tools develops state-of-the-art indexable cutting tools that exceed quality expectations while providing the cost-efficiency that today's metalworking consumer demands. Though ceramic technologies were the nucleus of the original business model, Kyocera has become a global leader in the metal removal industry by developing state-of-the-art cutting tool solutions using carbide, cermet, CBN and PCD. Over the past 40 years, Kyocera has developed some of the highest-quality, innovative indexable tooling solutions the industry has seen, including the **MEC Ultra-Hurricane** 90° Milling Cutters, the **MFH-Raptor** High-Feed Milling Cutters, the **DRZ & DRV** Family of Magic Drills, and **CCX**, the first-ever CVD Coated Cermet.

PRODUCTS

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Quick-Change Tooling & Specialty Tools

Grooving & Cut-Off

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Aerospace

Automotive

Medical & Dental

Power Generation

Oil & Gas

2022 Spring & Summer

PROMO PACK PRODUCTS

MFH-MAX

High-Feed Milling / Large Depth of Cut

Cutting Diameters: Ø1.000" ~ Ø3.000"

Cost-Efficient Milling Kits Featuring (1) Cutter and (10) Inserts

Page 4

DRV Magic Drill

2xD ~ 6xD Lengths Available

Cutting Diameters: Ø0.500" ~ Ø2.000"

Cost-Efficient Drilling Kits Featuring (1) Drill Body and (10) Inside Inserts and (10) Outside Inserts

Page 8

FREE T-SHIRT

with purchase of 1 or more 2022 Spring & Summer Promo Kits

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Some exclusions apply.

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

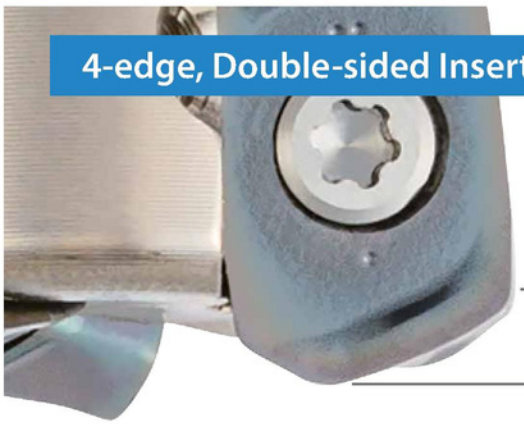
Product Brochure | Product Video | View Online

MFH-MAX NEW

High Feed Milling with a Larger Depth of Cut

Newest Addition to the MFH High Feed Milling Family with Larger D.O.C. Capabilities

Excellent Performance in Various Applications, including Automotive Parts, Difficult-to-cut Materials, and Mold Machining



Max. Depth of Cut
0.098"

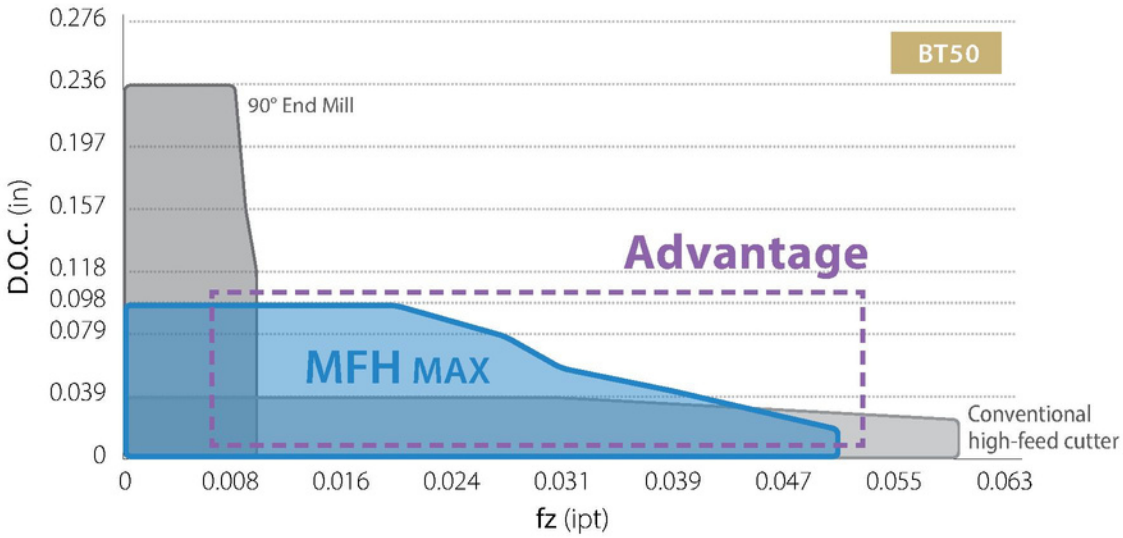
Large lineup of end mills, face mills, and modular types available

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

The MFH MAX Advantage



Vc = 490 sfm, ae = 0.492" (ae/DCX = 50%), 1049 Dry Ø1.000" Overhang length 2.362" BT50

Higher Efficiency at 0.098" Max. Depth of Cut

1 Better Alternative to Conventional 90° End Mills (Roughing to Medium-Finishing)

Automotive Suspension Parts

Automotive Parts

General Steel Machining

- Increased productivity with large D.O.C. machining
- High reliability in unstable machining environments
  Long overhang length and better clamping rigidity

  Stable machining with low rigidity machines
- High-efficiency ramping
  Large ramping angle (Small dia. Ø25mm: 3°)

  Dramatic efficiency improvement when ramping in pockets
- Longer tool life

2 More Capabilitites than Conventional High Feed Cutters

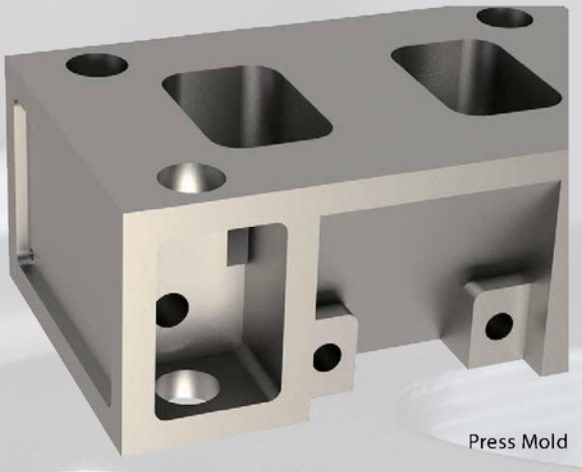
General Parts/Molds (Roughing/Facing)

General Parts, Pressing and Die Casting

- Higher productivity with larger D.O.C.
- Long tool life and improved efficiency through the reduction of tool paths
  Reduced machining time when machining workpieces

  with large variations in machining margins
- Longer tool life with high-efficiency machining

*MFH-Mini/RAPTOR recommended for contouring with small depth of cut and high feed



Press Mold

3 Excellent Solution for Machining Difficult-to-cut Materials

Aircraft Landing Gear Parts

Aircraft/Energy Industry Parts

Difficult-to-cut materials such as titanium alloy and stainless steel machining

- High feed rates increase productivity
- Long tool life through the reduction of tool paths
- Heat-resistant grade PR1535 provides long tool life and stable machining

Improve Productivity and Reduce Machining Costs

MFH-MAX End Mill Kits

Includes (1) Cutter and (10) Inserts

Choose your Cutter and Insert Grade

Product Info

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)	$USD Kit Price	$CAD Kit Price
End Mills Standard Shank (Weldon)	MFH 1000-W100-04-3T	1.000"	3	LOMU 040410ER-GM	PR1525	MFH 1000-W100-04-3T Kit1	$300.00	$390.00
					PR1535	MFH 1000-W100-04-3T Kit2		
					CA6535	MFH 1000-W100-04-3T Kit3		
	MFH 1250-W125-04-5T	1.250"	5	LOMU 040410ER-GM	PR1525	MFH 1250-W125-04-5T Kit1	$350.00	$460.00
					PR1535	MFH 1250-W125-04-5T Kit2		
					CA6535	MFH 1250-W125-04-5T Kit3		
End Mills Standard Shank (Cylindrical)	MFH 1000-S100-04-3T	1.000"	3	LOMU 040410ER-GM	PR1525	MFH 1000-S100-04-3T Kit1	$270.00	$360.00
					PR1535	MFH 1000-S100-04-3T Kit2		
					CA6535	MFH 1000-S100-04-3T Kit3		
	MFH 1250-S125-04-5T	1.250"	5	LOMU 040410ER-GM	PR1525	MFH 1250-S125-04-5T Kit1	$320.00	$420.00
					PR1535	MFH 1250-S125-04-5T Kit2		
					CA6535	MFH 1250-S125-04-5T Kit3		
End Mills Long Shank (Cylindrical)	MFH 1000-S100-04-3T-7	1.000"	3	LOMU 040410ER-GM	PR1525	MFH 1000-S100-04-3T-7 Kit1	$310.00	$410.00
					PR1535	MFH 1000-S100-04-3T-7 Kit2		
					CA6535	MFH 1000-S100-04-3T-7 Kit3		
	MFH 1250-S125-04-4T-8	1.250"	4	LOMU 040410ER-GM	PR1525	MFH 1250-S125-04-4T-8 Kit1	$350.00	$460.00
					PR1535	MFH 1250-S125-04-4T-8 Kit2		
					CA6535	MFH 1250-S125-04-4T-8 Kit3		
End Mills Modular	MFH 1000-M12-04-3T	1.000"	3	LOMU 040410ER-GM	PR1525	MFH 1000-M12-04-3T Kit1	$270.00	$360.00
					PR1535	MFH 1000-M12-04-3T Kit2		
					CA6535	MFH 1000-M12-04-3T Kit3		
	MFH 1250-M16-04-5T	1.250"	5	LOMU 040410ER-GM	PR1525	MFH 1250-M16-04-5T Kit1	$320.00	$420.00
					PR1535	MFH 1250-M16-04-5T Kit2		
					CA6535	MFH 1250-M16-04-5T Kit3		

MFH-MAX Face Mill Kits

Includes (1) Cutter and (10) Inserts

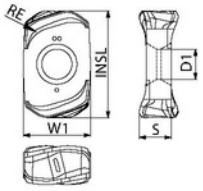
Choose your Cutter and Insert Grade

Product Info

Pick 1 Cutter Part Number		Cutting Dia.	No. of Insert Pockets	Insert Part Number	Pick 1 Insert Grade	Kit Part Number (Use when Ordering)	$USD Kit Price	$CAD Kit Price
Face Mills	MFH 1500R-04-6T	1.500"	6	LOMU 040410ER-GM	PR1525	MFH 1500R-04-6T Kit1	$430.00	$560.00
					PR1535	MFH 1500R-04-6T Kit2		
					CA6535	MFH 1500R-04-6T Kit3		
	MFH 2000R-04-7T	2.000"	7	LOMU 040410ER-GM	PR1525	MFH 2000R-04-7T Kit1	$470.00	$620.00
					PR1535	MFH 2000R-04-7T Kit2		
					CA6535	MFH 2000R-04-7T Kit3		
	MFH 2500R-04-9T	2.500"	9	LOMU 040410ER-GM	PR1525	MFH 2500R-04-9T Kit1	$520.00	$680.00
					PR1535	MFH 2500R-04-9T Kit2		
					CA6535	MFH 2500R-04-9T Kit3		
	MFH 3000R-04-10T	3.000"	10	LOMU 040410ER-GM	PR1525	MFH 3000R-04-10T Kit1	$560.00	$730.00
					PR1535	MFH 3000R-04-10T Kit2		
					CA6535	MFH 3000R-04-10T Kit3		

MFH-MAX Inserts

Usage Classification					
★ Roughing / 1st Choice ☆ Roughing / 2nd Choice (When hardness is under 45HRC)	P	Carbon Steel / Alloy Steel		★	
		Mold Steel		★	
	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
			W1	S	D1	INSL	RE	PR1535	PR1525	CA6535
General Purpose		LOMU 040410ER-GM	0.358	0.173	0.161	0.571	0.039	●	●	●

Product Brochure | Product Video | View Online

DRV Magic Drill Kits

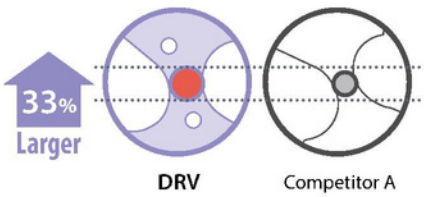
High Efficiency and High Speed Indexable Drill

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

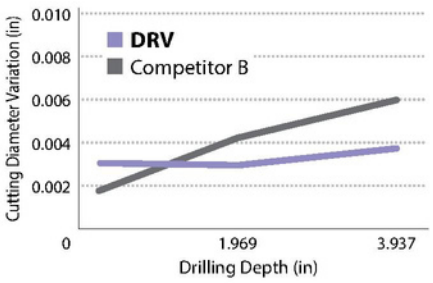
1 Excellent Drilling Precision with Less Variation in Cutting Diameter

Optimal Web Thickness and Low Cutting Force Design Reduces Chattering

Web Thickness Comparison
(Internal Evaluation)

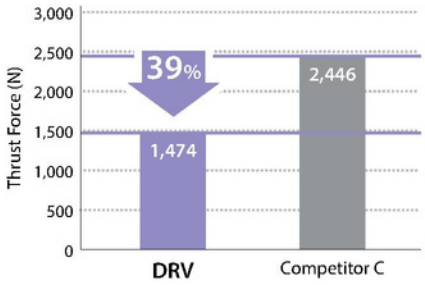


Cutting Diameter Variation Comparison
(Internal Evaluation)



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

Cutting Force Comparison
(Internal Evaluation)



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

Variety of Lengths Available from 2D ~ 6D

Expanded Lineup from Ø0.500"~Ø2.000"

2022 Spring & Summer Offers Valid through September 30, 2022
All promotional items are available exclusively through Authorized North American Kyocera Precision Tool Distributors.
Please use specified Promo Code or Kit Part Number when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate.

2 Unique Insert Design to Control Chip Flow

Outer Edge Insert

Smooth Chip Evacuation with Compact Chips

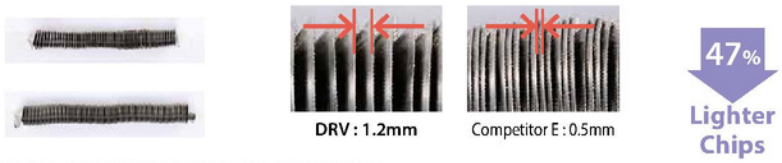
Chip Shape Comparison of Outer Insert Cutting Edge
(Internal Evaluation)

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

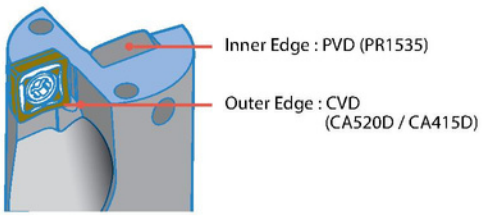
Weight per Unit of Length for Chips Generated by the Inner Insert
(Internal Evaluation)



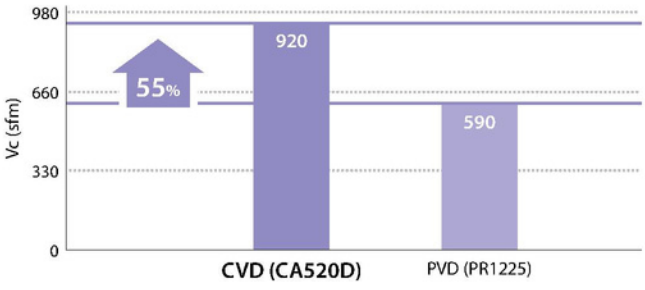
Cutting Conditions : Vc = 820 sfm, f = 0.0031 ipr, Cutting Dia. Ø0.812 (5D), Wet, Workpiece : 304

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

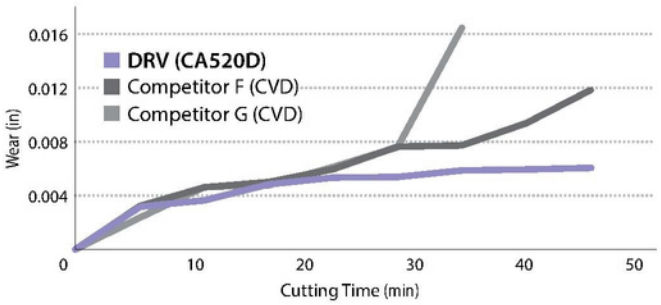


Recommended Cutting Conditions (Maximum Values)



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

2D

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

Product Info

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts — GM KIT for General Purpose / SM KIT for Stainless Steel				Kit Part Number (Use when Ordering)	$USD Kit Price	$CAD Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade			
S075-DRV0500-2-03	0.500"	0.750"	LCMT030205-GM-I	PR1535	LCMT030203-GM-E	CA520D	S075DRV0500203 GM KIT	$340.00	$440.00
			LCMT030205-SM-I	PR1535	LCMT030203-SM-E	PR1225	S075DRV0500203 SM KIT		
S075-DRV0562-2-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562204 GM KIT	$360.00	$470.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562204 SM KIT		
S075-DRV0625-2-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625205 GM KIT	$360.00	$470.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625205 SM KIT		
S075-DRV0656-2-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656205 GM KIT	$360.00	$470.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656205 SM KIT		
S100-DRV0688-2-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688205 GM KIT	$360.00	$470.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688205 SM KIT		
S100-DRV0750-2-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750206 GM KIT	$360.00	$470.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750206 SM KIT		
S100-DRV0812-2-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812206 GM KIT	$360.00	$470.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812206 SM KIT		
S100-DRV0875-2-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875206 GM KIT	$360.00	$470.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875206 SM KIT		
S100-DRV0938-2-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938207 GM KIT	$380.00	$490.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938207 SM KIT		
S100-DRV0984-2-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984207 GM KIT	$380.00	$490.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984207 SM KIT		
S100-DRV1000-2-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000207 GM KIT	$380.00	$490.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000207 SM KIT		
S125-DRV1062-2-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062209 GM KIT	$430.00	$560.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062209 SM KIT		
S125-DRV1125-2-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125209 GM KIT	$430.00	$560.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125209 SM KIT		
S125-DRV1188-2-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188209 GM KIT	$430.00	$560.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188209 SM KIT		
S150-DRV1250-2-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250209 GM KIT	$430.00	$560.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250209 SM KIT		
S150-DRV1312-2-11	1.312"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1312211 GM KIT	$470.00	$610.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1312211 SM KIT		
S150-DRV1375-2-11	1.375"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1375211 GM KIT	$470.00	$610.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1375211 SM KIT		
S150-DRV1438-2-11	1.438"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1438211 GM KIT	$470.00	$610.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1438211 SM KIT		
S150-DRV1500-2-11	1.500"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1500211 GM KIT	$470.00	$610.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500211 SM KIT		
S150-DRV1625-2-14	1.625"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1625214 GM KIT	$520.00	$680.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1625214 SM KIT		
S150-DRV1750-2-14	1.750"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1750214 GM KIT	$520.00	$680.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1750214 SM KIT		
S150-DRV1875-2-14	1.875"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1875214 GM KIT	$520.00	$680.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1875214 SM KIT		
S150-DRV2000-2-17	2.000"	1.500"	SCMT170610-GM-I	PR1535	SCMT170608-GM-E	CA520D	S150DRV2000217 GM KIT	$570.00	$740.00
			SCMT170610-SM-I	PR1535	SCMT170608-SM-E	PR1225	S150DRV2000217 SM KIT		

■ Estimated Cutting Tolerance (2D)

DC	Estimated Cutting Tolerance (in)
Ø0.500" - Ø2.000"	+0.012 0

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

Applicable Insert Information ➔ Page 15

2022 Spring & Summer Offers Valid through September 30, 2022
All promotional items are available exclusively through Authorized North American Kyocera Precision Tool Distributors.
Please use specified Promo Code or Kit Part Number when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate.

3D

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

Product Info

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts — GM KIT for General Purpose / SM KIT for Stainless Steel				Kit Part Number (Use when Ordering)	$USD Kit Price	$CAD Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade			
S075-DRV0500-3-03	0.500"	0.750"	LCMT030205-GM-I	PR1535	LCMT030203-GM-E	CA520D	S075DRV0500303 GM KIT	$350.00	$460.00
			LCMT030205-SM-I	PR1535	LCMT030203-SM-E	PR1225	S075DRV0500303 SM KIT		
S075-DRV0562-3-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562304 GM KIT	$370.00	$480.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562304 SM KIT		
S075-DRV0625-3-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625305 GM KIT	$370.00	$480.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625305 SM KIT		
S075-DRV0656-3-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656305 GM KIT	$370.00	$480.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656305 SM KIT		
S100-DRV0688-3-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688305 GM KIT	$370.00	$480.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688305 SM KIT		
S100-DRV0750-3-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750306 GM KIT	$380.00	$490.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750306 SM KIT		
S100-DRV0812-3-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812306 GM KIT	$380.00	$490.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812306 SM KIT		
S100-DRV0875-3-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875306 GM KIT	$380.00	$490.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875306 SM KIT		
S100-DRV0938-3-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938307 GM KIT	$390.00	$510.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938307 SM KIT		
S100-DRV0984-3-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984307 GM KIT	$390.00	$510.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984307 SM KIT		
S100-DRV1000-3-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000307 GM KIT	$390.00	$510.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000307 SM KIT		
S125-DRV1062-3-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062309 GM KIT	$450.00	$590.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062309 SM KIT		
S125-DRV1125-3-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125309 GM KIT	$450.00	$590.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125309 SM KIT		
S125-DRV1188-3-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188309 GM KIT	$450.00	$590.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188309 SM KIT		
S150-DRV1250-3-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250309 GM KIT	$450.00	$590.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250309 SM KIT		
S150-DRV1312-3-11	1.312"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1312311 GM KIT	$490.00	$640.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1312311 SM KIT		
S150-DRV1375-3-11	1.375"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1375311 GM KIT	$490.00	$640.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1375311 SM KIT		
S150-DRV1438-3-11	1.438"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1438311 GM KIT	$490.00	$640.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1438311 SM KIT		
S150-DRV1500-3-11	1.500"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1500311 GM KIT	$490.00	$640.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500311 SM KIT		
S150-DRV1625-3-14	1.625"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1625314 GM KIT	$540.00	$700.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1625314 SM KIT		
S150-DRV1750-3-14	1.750"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1750314 GM KIT	$540.00	$700.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1750314 SM KIT		
S150-DRV1875-3-14	1.875"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1875314 GM KIT	$540.00	$700.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1875314 SM KIT		
S150-DRV2000-3-17	2.000"	1.500"	SCMT170610-GM-I	PR1535	SCMT170608-GM-E	CA520D	S150DRV2000317 GM KIT	$590.00	$770.00
			SCMT170610-SM-I	PR1535	SCMT170608-SM-E	PR1225	S150DRV2000317 SM KIT		

Estimated Cutting Tolerance (3D)

DC	Estimated Cutting Tolerance (in)
Ø0.500" - Ø2.000"	+0.012 0

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

Applicable Insert Information Page 15

4D

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

Product Info

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts — GM KIT for General Purpose / SM KIT for Stainless Steel				Kit Part Number (Use when Ordering)	$USD Kit Price	$CAD Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade			
S075-DRV0500-4-03	0.500"	0.750"	LCMT030205-GM-I	PR1535	LCMT030203-GM-E	CA520D	S075DRV0500403 GM KIT	$390.00	$510.00
			LCMT030205-SM-I	PR1535	LCMT030203-SM-E	PR1225	S075DRV0500403 SM KIT		
S075-DRV0562-4-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562404 GM KIT	$400.00	$520.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562404 SM KIT		
S075-DRV0625-4-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625405 GM KIT	$400.00	$520.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625405 SM KIT		
S075-DRV0656-4-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656405 GM KIT	$400.00	$520.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656405 SM KIT		
S100-DRV0688-4-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688405 GM KIT	$400.00	$520.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688405 SM KIT		
S100-DRV0750-4-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750406 GM KIT	$410.00	$530.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750406 SM KIT		
S100-DRV0812-4-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812406 GM KIT	$410.00	$530.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812406 SM KIT		
S100-DRV0875-4-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875406 GM KIT	$410.00	$530.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875406 SM KIT		
S100-DRV0938-4-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938407 GM KIT	$430.00	$560.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938407 SM KIT		
S100-DRV0984-4-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984407 GM KIT	$430.00	$560.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984407 SM KIT		
S100-DRV1000-4-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000407 GM KIT	$430.00	$560.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000407 SM KIT		
S125DRV1062-4-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062409 GM KIT	$490.00	$640.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062409 SM KIT		
S125-DRV1125-4-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125409 GM KIT	$490.00	$640.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125409 SM KIT		
S125-DRV1188-4-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188409 GM KIT	$490.00	$640.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188409 SM KIT		
S150-DRV1250-4-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250409 GM KIT	$490.00	$640.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250409 SM KIT		
S150-DRV1312-4-11	1.312"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1312411 GM KIT	$550.00	$720.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1312411 SM KIT		
S150-DRV1375-4-11	1.375"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1375411 GM KIT	$550.00	$720.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1375411 SM KIT		
S150-DRV1438-4-11	1.438"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1438411 GM KIT	$550.00	$720.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1438411 SM KIT		
S150-DRV1500-4-11	1.500"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1500411 GM KIT	$550.00	$720.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500411 SM KIT		
S150-DRV1625-4-14	1.625"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1625414 GM KIT	$590.00	$770.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1625414 SM KIT		
S150-DRV1750-4-14	1.750"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1750414 GM KIT	$590.00	$770.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1750414 SM KIT		
S200-DRV1875-4-14	1.875"	2.000"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S200DRV1875414 GM KIT	$610.00	$790.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S200DRV1875414 SM KIT		
S200-DRV2000-4-17	2.000"	2.000"	SCMT170610-GM-I	PR1535	SCMT170608-GM-E	CA520D	S200DRV2000417 GM KIT	$640.00	$830.00
			SCMT170610-SM-I	PR1535	SCMT170608-SM-E	PR1225	S200DRV2000417 SM KIT		

Estimated Cutting Tolerance (4D)

DC	Estimated Cutting Tolerance (in)	DC	Estimated Cutting Tolerance (in)
Ø0.500" - Ø1.500"	+0.014 0	Ø1.625" - Ø2.000"	+0.016 0

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

Applicable Insert Information ⇒ Page 15

5D

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

Product Info

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts — GM KIT for General Purpose / SM KIT for Stainless Steel				Kit Part Number (Use when Ordering)	$USD Kit Price	$CAD Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade			
S075-DRV0500-5-03	0.500"	0.750"	LCMT030205-GM-I	PR1535	LCMT030203-GM-E	CA520D	S075DRV0500503 GM KIT	$420.00	$550.00
			LCMT030205-SM-I	PR1535	LCMT030203-SM-E	PR1225	S075DRV0500503 SM KIT		
S075-DRV0562-5-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562504 GM KIT	$430.00	$560.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562504 SM KIT		
S075-DRV0625-5-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625505 GM KIT	$430.00	$560.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625505 SM KIT		
S075-DRV0656-5-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656505 GM KIT	$430.00	$560.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656505 SM KIT		
S100-DRV0688-5-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688505 GM KIT	$430.00	$560.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688505 SM KIT		
S100-DRV0750-5-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750506 GM KIT	$450.00	$590.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750506 SM KIT		
S100-DRV0812-5-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812506 GM KIT	$450.00	$590.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812506 SM KIT		
S100-DRV0875-5-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875506 GM KIT	$480.00	$620.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875506 SM KIT		
S100-DRV0938-5-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938507 GM KIT	$480.00	$620.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938507 SM KIT		
S100-DRV0984-5-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984507 GM KIT	$480.00	$620.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984507 SM KIT		
S100-DRV1000-5-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000507 GM KIT	$480.00	$620.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000507 SM KIT		
S125-DRV1062-5-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062509 GM KIT	$530.00	$690.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062509 SM KIT		
S125-DRV1125-5-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125509 GM KIT	$530.00	$690.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125509 SM KIT		
S125-DRV1188-5-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188509 GM KIT	$530.00	$690.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188509 SM KIT		
S150-DRV1250-5-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250509 GM KIT	$530.00	$690.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250509 SM KIT		
S150-DRV1312-5-11	1.312"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1312511 GM KIT	$590.00	$770.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1312511 SM KIT		
S150-DRV1375-5-11	1.375"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1375511 GM KIT	$590.00	$770.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1375511 SM KIT		
S150-DRV1438-5-11	1.438"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1438511 GM KIT	$590.00	$770.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1438511 SM KIT		
S150-DRV1500-5-11	1.500"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1500511 GM KIT	$590.00	$770.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500511 SM KIT		
S150-DRV1625-5-14	1.625"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1625514 GM KIT	$630.00	$820.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1625514 SM KIT		
S150-DRV1750-5-14	1.750"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1750514 GM KIT	$630.00	$820.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1750514 SM KIT		
S200-DRV1875-5-14	1.875"	2.000"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S200DRV1875514 GM KIT	$650.00	$850.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S200DRV1875514 SM KIT		
S200-DRV2000-5-17	2.000"	2.000"	SCMT170610-GM-I	PR1535	SCMT170608-GM-E	CA520D	S200DRV2000517 GM KIT	$680.00	$880.00
			SCMT170610-SM-I	PR1535	SCMT170608-SM-E	PR1225	S200DRV2000517 SM KIT		

■ Estimated Cutting Tolerance (5D)

DC	Estimated Cutting Tolerance (in)	DC	Estimated Cutting Tolerance (in)
Ø0.500" - Ø1.500"	+0.014 0	Ø1.625" - Ø2.000"	+0.016 0

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

Applicable Insert Information ➡ Page 15

6D

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

Product Info

Pick 1 Drill Body Part Number	Cutting Dia.	Shank Dia.	Pick 1 of 2 Combinations for Inside and Outside Inserts — GM KIT for General Purpose / SM KIT for Stainless Steel				Kit Part Number (Use when Ordering)	$USD Kit Price	$CAD Kit Price
			Inside Edge Insert	Insert Grade	Outside Edge Insert	Insert Grade			
S075-DRV0500-6-03	0.500"	0.750"	LCMT030205-GM-I	PR1535	LCMT030203-GM-E	CA520D	S075DRV0500603 GM KIT	$470.00	$610.00
			LCMT030205-SM-I	PR1535	LCMT030203-SM-E	PR1225	S075DRV0500603 SM KIT		
S075-DRV0562-6-04	0.562"	0.750"	SCMT040209-GM-I	PR1535	SCMT040205-GM-E	CA520D	S075DRV0562604 GM KIT	$490.00	$640.00
			SCMT040209-SM-I	PR1535	SCMT040205-SM-E	PR1225	S075DRV0562604 SM KIT		
S075-DRV0625-6-05	0.625"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0625605 GM KIT	$490.00	$640.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0625605 SM KIT		
S075-DRV0656-6-05	0.656"	0.750"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S075DRV0656605 GM KIT	$490.00	$640.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S075DRV0656605 SM KIT		
S100-DRV0688-6-05	0.688"	1.000"	SCMT050210-GM-I	PR1535	SCMT050205-GM-E	CA520D	S100DRV0688605 GM KIT	$490.00	$640.00
			SCMT050210-SM-I	PR1535	SCMT050205-SM-E	PR1225	S100DRV0688605 SM KIT		
S100-DRV0750-6-06	0.750"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0750606 GM KIT	$490.00	$640.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0750606 SM KIT		
S100-DRV0812-6-06	0.812"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0812606 GM KIT	$490.00	$640.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0812606 SM KIT		
S100-DRV0875-6-06	0.875"	1.000"	SCMT060210-GM-I	PR1535	SCMT060205-GM-E	CA520D	S100DRV0875606 GM KIT	$490.00	$640.00
			SCMT060210-SM-I	PR1535	SCMT060205-SM-E	PR1225	S100DRV0875606 SM KIT		
S100-DRV0938-6-07	0.938"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0938607 GM KIT	$520.00	$680.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0938607 SM KIT		
S100-DRV0984-6-07	0.984"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV0984607 GM KIT	$520.00	$680.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV0984607 SM KIT		
S100-DRV1000-6-07	1.000"	1.000"	SCMT070310-GM-I	PR1535	SCMT070305-GM-E	CA520D	S100DRV1000607 GM KIT	$520.00	$680.00
			SCMT070310-SM-I	PR1535	SCMT070305-SM-E	PR1225	S100DRV1000607 SM KIT		
S125-DRV1062-6-09	1.062"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1062609 GM KIT	$600.00	$780.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1062609 SM KIT		
S125-DRV1125-6-09	1.125"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1125609 GM KIT	$600.00	$780.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1125609 SM KIT		
S125-DRV1188-6-09	1.188"	1.250"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S125DRV1188609 GM KIT	$600.00	$780.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S125DRV1188609 SM KIT		
S150-DRV1250-6-09	1.250"	1.500"	SCMT090410-GM-I	PR1535	SCMT090405-GM-E	CA520D	S150DRV1250609 GM KIT	$600.00	$780.00
			SCMT090410-SM-I	PR1535	SCMT090405-SM-E	PR1225	S150DRV1250609 SM KIT		
S150-DRV1312-6-11	1.312"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1312611 GM KIT	$670.00	$870.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1312611 SM KIT		
S150-DRV1375-6-11	1.375"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1375611 GM KIT	$670.00	$870.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1375611 SM KIT		
S150-DRV1438-6-11	1.438"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1438611 GM KIT	$670.00	$870.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1438611 SM KIT		
S150-DRV1500-6-11	1.500"	1.500"	SCMT110410-GM-I	PR1535	SCMT110406-GM-E	CA520D	S150DRV1500611 GM KIT	$670.00	$870.00
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500611 SM KIT		
S150-DRV1625-6-14	1.625"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1625614 GM KIT	$730.00	$950.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1625614 SM KIT		
S150-DRV1750-6-14	1.750"	1.500"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S150DRV1750614 GM KIT	$730.00	$950.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S150DRV1750614 SM KIT		
S200-DRV1875-6-14	1.875"	2.000"	SCMT140510-GM-I	PR1535	SCMT140508-GM-E	CA520D	S200DRV1875614 GM KIT	$760.00	$990.00
			SCMT140510-SM-I	PR1535	SCMT140508-SM-E	PR1225	S200DRV1875614 SM KIT		
S200-DRV2000-6-17	2.000"	2.000"	SCMT170610-GM-I	PR1535	SCMT170608-GM-E	CA520D	S200DRV2000617 GM KIT	$790.00	$1,030.00
			SCMT170610-SM-I	PR1535	SCMT170608-SM-E	PR1225	S200DRV2000617 SM KIT		

Estimated Cutting Tolerance (6D)

DC	Estimated Cutting Tolerance (in)	DC	Estimated Cutting Tolerance (in)
Ø0.500" - Ø1.500"	+0.018 0	Ø1.625" - Ø2.000"	+0.020 0

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

Applicable Insert Information ➔ Page 15

2022 Spring & Summer Offers Valid through September 30, 2022

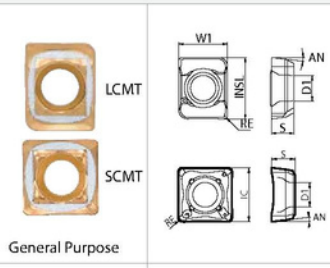
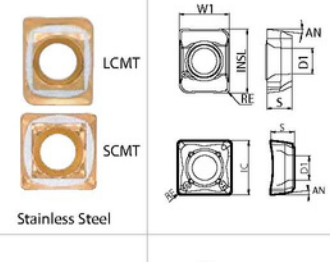
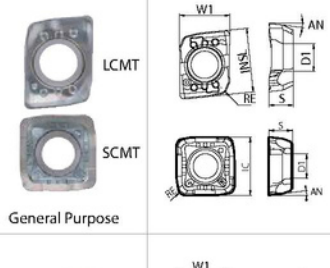
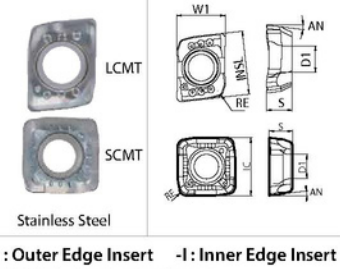
All promotional items are available exclusively through Authorized North American Kyocera Precision Tool Distributors.

Please use specified Promo Code or Kit Part Number when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate.

DRV Inserts

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

Usage Classification						
★ : 1st Recommendation (High Speed and Highly Efficient Machining) ☆ : 2nd Recommendation (Stable Machining Oriented)	P	Carbon Steel / Alloy Steel	☆	★	★
		Tool Steel	☆	★	★
	M	Stainless Steel	☆	★	★
	K	Cast Iron	☆		★

Insert	Insert Pocket	Part Number	Dimensions (in)				Angle	MEGACOAT	CVD Coated Carbide	MEGACOAT NANO
			IC W1/INSL	S	D1	RE	AN	PR1225	CA520D	PR1535
 General Purpose	Outer Edge	LCMT 030203-GM-E	0.173/0.218	0.079	0.091	0.012			●	
		SCMT 040205-GM-E	0.189	0.087	0.094	0.020			●	
		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	7°		●	
		090405-GM-E	0.358	0.161	0.157	0.020			●	
		110406-GM-E	0.433	0.177	0.181	0.024			●	
		140508-GM-E	0.543	0.197	0.224	0.031			●	
		170608-GM-E	0.661	0.259	0.272	0.031			●	
 Stainless Steel		LCMT 030203-SM-E	0.173/0.218	0.079	0.091	0.012		●		
		SCMT 040205-SM-E	0.189	0.087	0.094	0.020		●		
		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	7°	●		
		090405-SM-E	0.358	0.161	0.157	0.020		●		
		110406-SM-E	0.433	0.177	0.181	0.024		●		
		140508-SM-E	0.543	0.197	0.224	0.031		●		
		170608-SM-E	0.661	0.259	0.272	0.031		●		
 General Purpose	Inner Edge	LCMT 030205-GM-I	0.164/0.221	0.079	0.091	0.020				●
		SCMT 040209-GM-I	0.197	0.087	0.094	0.035				●
		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	7°			●
		090410-GM-I	0.386	0.161	0.157	0.039				●
		110410-GM-I	0.469	0.177	0.181	0.039				●
		140510-GM-I	0.587	0.197	0.224	0.039				●
		170610-GM-I	0.705	0.259	0.272	0.039				●
 Stainless Steel		LCMT 030205-SM-I	0.164/0.221	0.079	0.091	0.020				●
		SCMT 040209-SM-I	0.197	0.087	0.094	0.035				●
		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	7°			●
		090410-SM-I	0.386	0.161	0.157	0.039				●
		110410-SM-I	0.469	0.177	0.181	0.039				●
		140510-SM-I	0.587	0.197	0.224	0.039				●
		170610-SM-I	0.705	0.259	0.272	0.039				●

-E : Outer Edge Insert -I : Inner Edge Insert
***LCMT03... is a 2-edge insert**

● : Standard Item

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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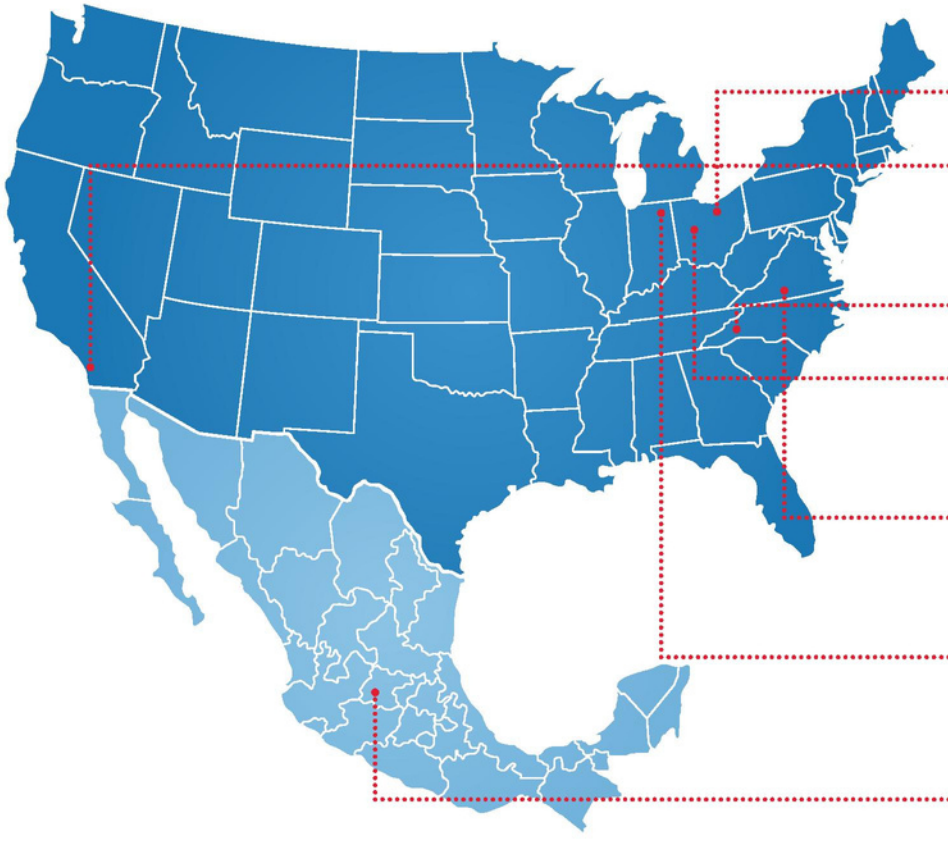

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