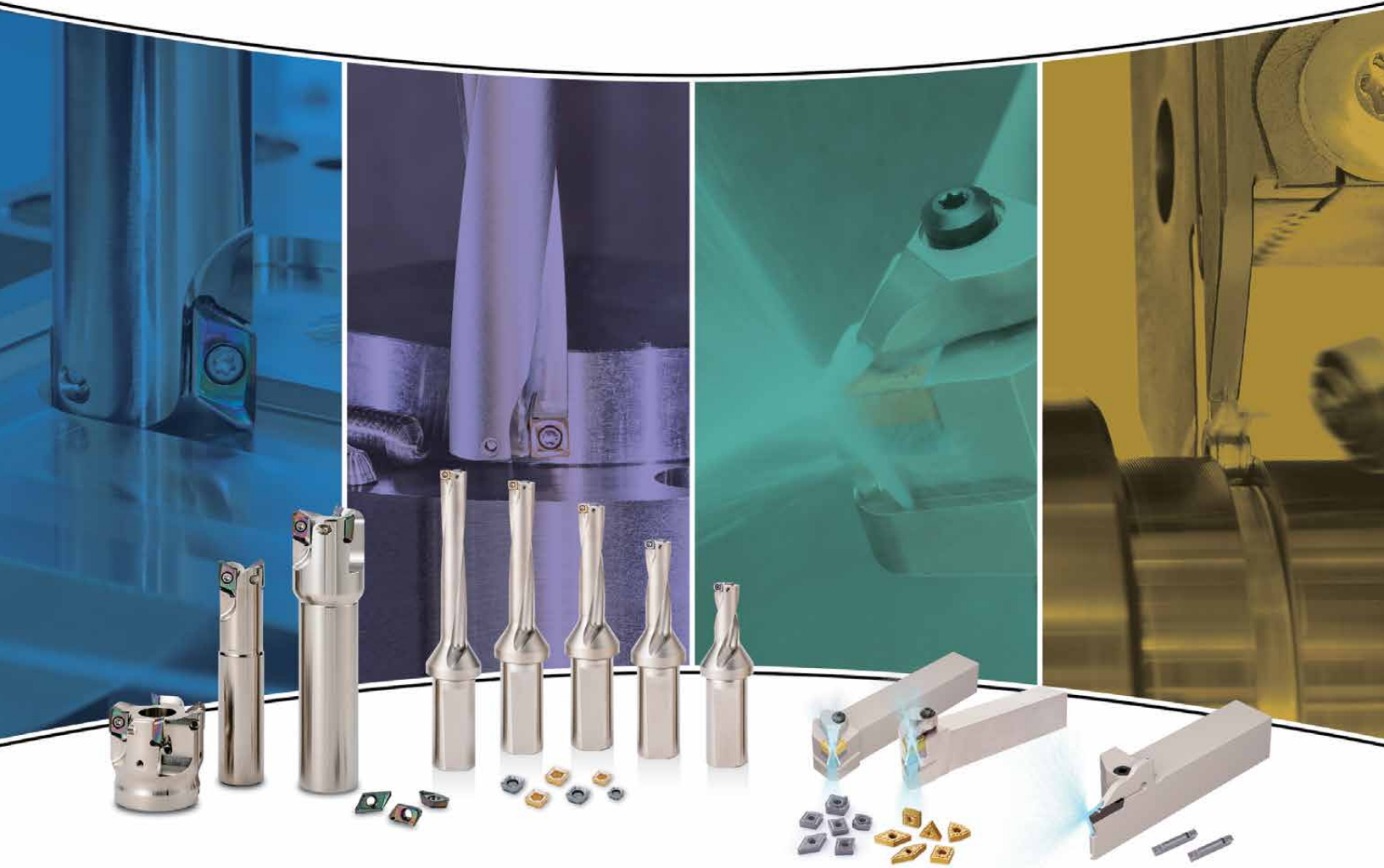




2020

SUMMER PROMO PACK



Special Offers for Milling, Drilling, Turning, and Grooving Solutions...

FREE UPS RED Next Day Shipping
on all Drop Ship Promo Pack Orders



VALID THROUGH
September 30, 2020



Explore the Many Ways to Save with the **Kyocera 2020 Summer Promo Pack**

In 2020 Kyocera Precision Tools is offering more ways to advance your productivity while also reducing your tooling costs. With our wide array of indexable 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 Kyocera Precision Tools, please visit www.kyoceraprecisiontools.com.

Milling Solutions NEW

MEAS High-Speed Milling Cutters for Aluminum Machining

Cost-Efficient Kits Featuring (1) Holder and (10) Inserts

Page 4



Drilling Solutions

DRV Magic Drill High-Performance Indexable Drilling

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

Page 8



Turning Solutions

JCT Jet Coolant-Through Turning Holders

Cast Iron Turning Kits featuring CVD Carbide Grade CA310

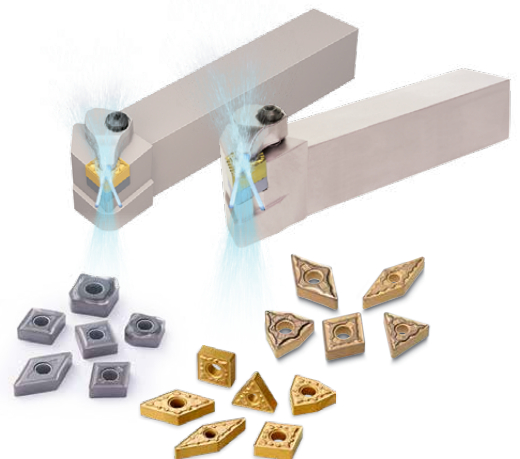
Steel Turning Kits featuring CVD Carbide Grade CA025P

Stainless Steel Turning Kits featuring CVD Carbide Grade CA65-Series

HSRA Turning Kits featuring PVD Carbide Grade PR015S

Cost-Efficient Kits Featuring (1) Holder and (10) Inserts

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All 2020 Summer Offers Valid through September 30, 2020

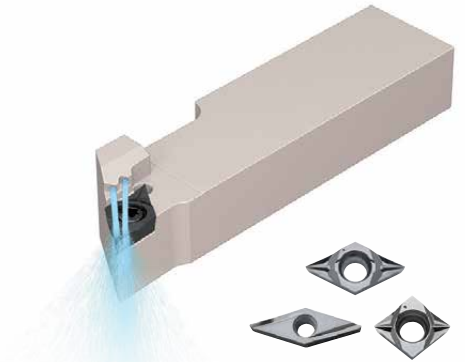
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Small Part Turning Solutions

JCT-Series Jet Coolant-Through Turning Holders

Cost-Efficient Kits Featuring (1) Holder and (10) Inserts

Page 26

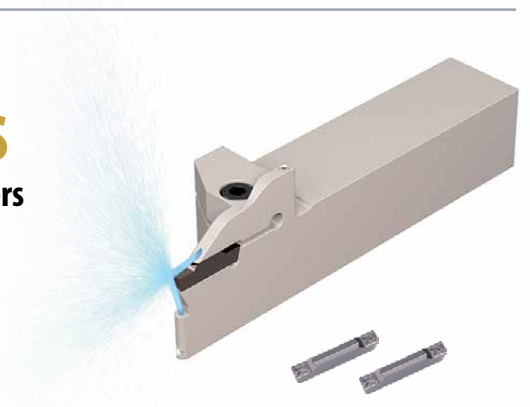


Grooving & Cut-Off Solutions

KGD-JCT Series Jet Coolant-Through Grooving Holders & Cut-Off Holders

Buy 30 Inserts, Get a FREE Coolant-Through Style Holder

Page 28



FREE UPS RED Next Day Shipping
on Drop Ship Promo Pack Orders

- Free UPS Red available on promo kits shipped directly from Kyocera to the end-user anywhere in the continental U.S.
- Promo items must be in stock and ship complete to qualify for free shipping offer
- Shipments from Kyocera to the Distributor or from the Distributor to the end-user do not qualify for free shipment offer



PHONE: 216.524.1926 • FAX: 216.524.7515
SALES@LLOYDGAGE.COM • LLOYDGAGE.COM



MEAS

NEW

High-Efficiency Milling Cutters for Aluminum Machining

Grooved Insert Pockets with Sharp Edge and Low Cutting Force Design
Simultaneous 3-axis with a Maximum Ramping Angle of 20°
Kyocera's Proprietary Hydrogen-free DLC Coated Inserts

ALUMINUM MILLING

DRILLING

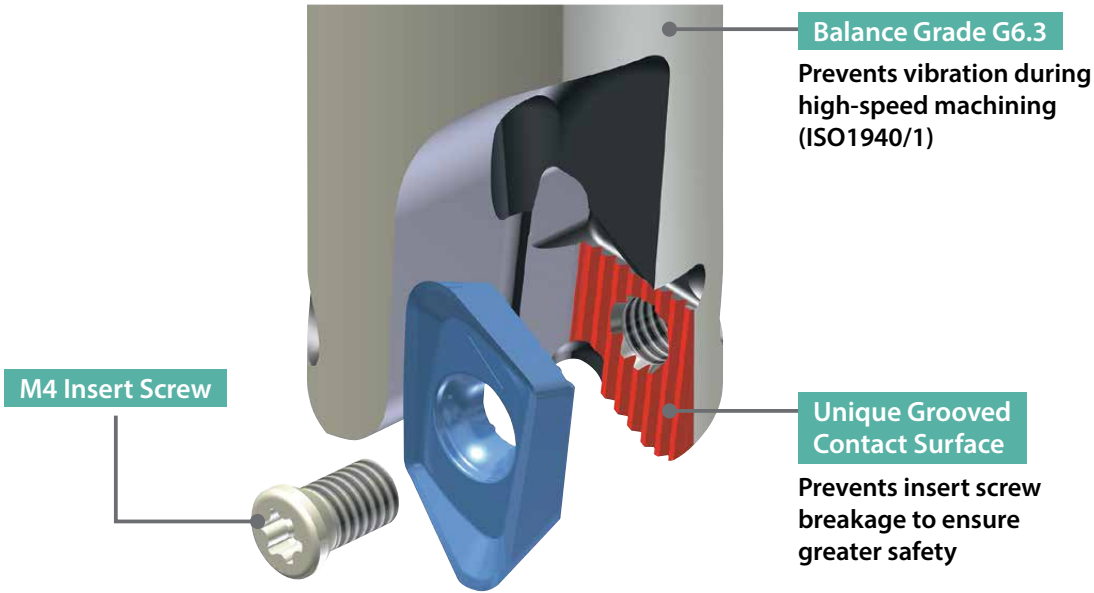
TURNING

GROOVING & CUT-OFF

1 Reliable High Efficiency Machining

Grooved Connection Between the Insert and Holder for High Speed Aluminum Machining

(Ø1.250" / Ø32mm: Recommended Maximum Cutting Speed Vc = 9,842 sfm)



All 2020 Summer Offers Valid through September 30, 2020

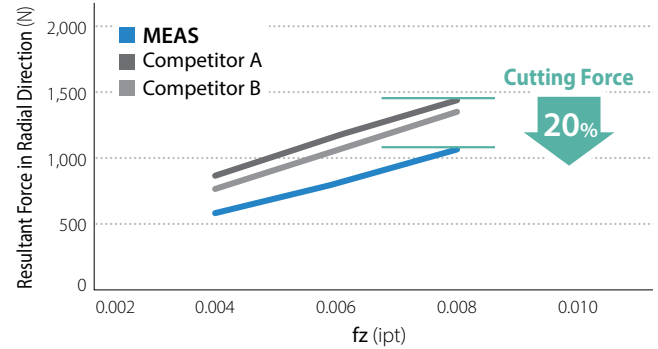
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2 Low Cutting Force with Sharp Cutting Edge

True Rake Angle Max. 20°
 Low Cutting Force and Excellent Chattering Resistance



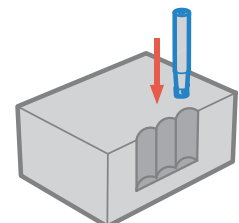
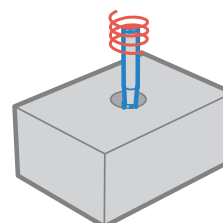
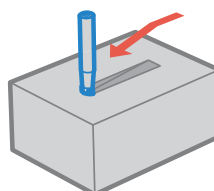
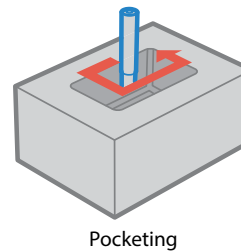
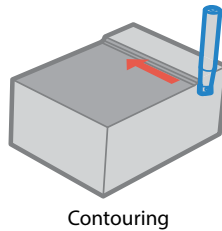
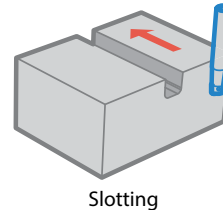
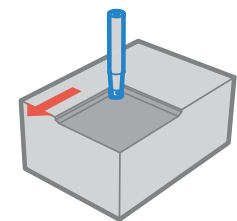
Cutting Force Comparison (Internal Evaluation)



Cutting Conditions: Vc = 1280 sfm, D.O.C. × ae = 0.315" × 0.197", Dry
 Cutter Diameter: Ø25mm (2 Inserts) Workpiece: 7075

3 Machining for a Wide Variety of Applications

Max. Ramping Angle 20° (Ø1.000" / Ø25mm)
 The MEAS can be used for shouldering, slotting, ramping, and helical milling applications





MEAS End Mill Kits

Includes (1) Cutter and (10) Inserts

Choose your Cutter and Insert Combination

FREE 
Next Day
Drop Shipping

See Page 3 

ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

Pick 1 Cutter Part Number		Cutting Dia.	No. of Insert Pockets	Pick 1 Insert Part Number	Insert Grade	Kit Part Number (Use when Ordering)	U.S. Kit Price
MEAS 1000-S1000-13-2T	1.000"	2	KCGT130504FR-AL	PDL025 (for Aluminum Alloy)	MEAS1000 STD KIT1	\$500.00	
			KCGT130508FR-AL				MEAS1000 STD KIT2
			KCGT130512FR-AL				MEAS1000 STD KIT3
			KCGT130516FR-AL				MEAS1000 STD KIT4
			KCGT130520FR-AL				MEAS1000 STD KIT5
			KCGT130524FR-AL				MEAS1000 STD KIT6
			KCGT130530FR-AL				MEAS1000 STD KIT7
			KCGT130532FR-AL				MEAS1000 STD KIT8
			KCGT130540FR-AL				MEAS1000 STD KIT9
			KCGT130550FR-AL				MEAS1000 STD KIT10
MEAS 1250-S1250-13-2T	1.250"	2	KCGT130504FR-AL	PDL025 (for Aluminum Alloy)	MEAS1250 STD KIT1	\$600.00	
			KCGT130508FR-AL				MEAS1250 STD KIT2
			KCGT130512FR-AL				MEAS1250 STD KIT3
			KCGT130516FR-AL				MEAS1250 STD KIT4
			KCGT130520FR-AL				MEAS1250 STD KIT5
			KCGT130524FR-AL				MEAS1250 STD KIT6
			KCGT130530FR-AL				MEAS1250 STD KIT7
			KCGT130532FR-AL				MEAS1250 STD KIT8
			KCGT130540FR-AL				MEAS1250 STD KIT9
			KCGT130550FR-AL				MEAS1250 STD KIT10
MEAS 1500-S1250-13-3T	1.500"	3	KCGT130504FR-AL	PDL025 (for Aluminum Alloy)	MEAS1500 STD KIT1	\$700.00	
			KCGT130508FR-AL				MEAS1500 STD KIT2
			KCGT130512FR-AL				MEAS1500 STD KIT3
			KCGT130516FR-AL				MEAS1500 STD KIT4
			KCGT130520FR-AL				MEAS1500 STD KIT5
			KCGT130524FR-AL				MEAS1500 STD KIT6
			KCGT130530FR-AL				MEAS1500 STD KIT7
			KCGT130532FR-AL				MEAS1500 STD KIT8
			KCGT130540FR-AL				MEAS1500 STD KIT9
			KCGT130550FR-AL				MEAS1500 STD KIT10
MEAS 1000S1000132T675	1.000"	2	KCGT130504FR-AL	PDL025 (for Aluminum Alloy)	MEAS1000 LNG KIT1	\$600.00	
			KCGT130508FR-AL				MEAS1000 LNG KIT2
			KCGT130512FR-AL				MEAS1000 LNG KIT3
			KCGT130516FR-AL				MEAS1000 LNG KIT4
			KCGT130520FR-AL				MEAS1000 LNG KIT5
			KCGT130524FR-AL				MEAS1000 LNG KIT6
			KCGT130530FR-AL				MEAS1000 LNG KIT7
			KCGT130532FR-AL				MEAS1000 LNG KIT8
			KCGT130540FR-AL				MEAS1000 LNG KIT9
			KCGT130550FR-AL				MEAS1000 LNG KIT10
MEAS 1250S1250132T800	1.250"	2	KCGT130504FR-AL	PDL025 (for Aluminum Alloy)	MEAS1250 LNG KIT1	\$650.00	
			KCGT130508FR-AL				MEAS1250 LNG KIT2
			KCGT130512FR-AL				MEAS1250 LNG KIT3
			KCGT130516FR-AL				MEAS1250 LNG KIT4
			KCGT130520FR-AL				MEAS1250 LNG KIT5
			KCGT130524FR-AL				MEAS1250 LNG KIT6
			KCGT130530FR-AL				MEAS1250 LNG KIT7
			KCGT130532FR-AL				MEAS1250 LNG KIT8
			KCGT130540FR-AL				MEAS1250 LNG KIT9
			KCGT130550FR-AL				MEAS1250 LNG KIT10

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MEAS Face Mill Kits

Includes (1) Cutter and (10) Inserts

Choose your Cutter and Insert Combination

FREE 
Next Day
Drop Shipping

See Page 3 

Cutter Part Number		Cutting Dia.	No. of Insert Pockets	Pick 1 Insert Part Number	Insert Grade	Kit Part Number (Use when Ordering)	U.S. Kit Price
Face Mill	MEAS 2000R-13-4T	2.000"	4	KCGT130504FR-AL	PDL025 (for Aluminum Alloy)	MEAS2000 FM KIT1	\$750.00
				KCGT130508FR-AL		MEAS2000 FM KIT2	
				KCGT130512FR-AL		MEAS2000 FM KIT3	
				KCGT130516FR-AL		MEAS2000 FM KIT4	
				KCGT130520FR-AL		MEAS2000 FM KIT5	
				KCGT130524FR-AL		MEAS2000 FM KIT6	
				KCGT130530FR-AL		MEAS2000 FM KIT7	
				KCGT130532FR-AL		MEAS2000 FM KIT8	
				KCGT130540FR-AL		MEAS2000 FM KIT9	
				KCGT130550FR-AL		MEAS2000 FM KIT10	

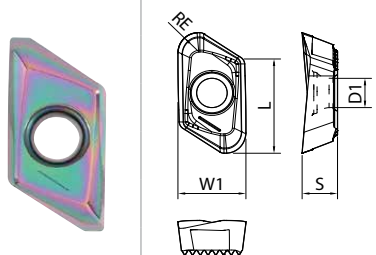
ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

MEAS Inserts

Insert	Part Number	Dimensions (in)					DLC Coated Carbide	
		W1	S	D1	L	RE	PDL025	
	KCGT 130504FR-AL	0.390	0.201	0.173	0.555	1/64	●	
	KCGT 130508FR-AL				0.547	1/32	●	
	KCGT 130512FR-AL				0.543	3/64	●	
	KCGT 130516FR-AL				0.524	1/16	●	
	KCGT 130520FR-AL					5/64	●	
	KCGT 130524FR-AL					3/32	●	
	KCGT 130530FR-AL				0.118	●		
	KCGT 130532FR-AL				0.504	1/8	●	
	KCGT 130540FR-AL					0.157	●	
	KCGT 130550FR-AL					0.197	●	

● : Standard Item

Recommended Cutting Conditions

Workpiece	Property	Cutting Speed Vc (sfm)	Feed fz (ipt)
Aluminum Alloy	Si Ratio ≤ 12.5%	660 ~ 3,280 ~ 9,840	0.002" ~ 0.006" ~ 0.010"
	Si Ratio ≥ 12.5%	660 ~ 980 ~ 1,310	0.002" ~ 0.004" ~ 0.008"

Maximum Ramping Angles (RMPX)

Cutting Dia. DC	1.000"	1.250"	1.500"	2.000"
RMPX	20°	12.5°	8.5°	6°

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

ALUMINUM MILLING

DRILLING

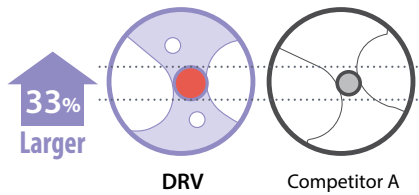
TURNING

GROOVING & CUT-OFF

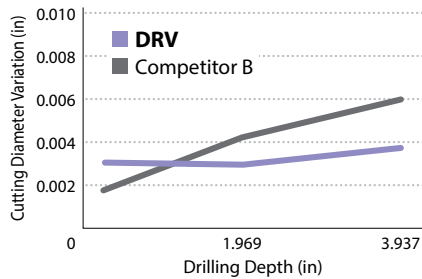
1 Excellent Drilling Precision with Less Variation in Cutting Diameter

Optimal Web Thickness and Low Cutting Force Design Reduces Chattering

Web Thickness Comparison
(Internal Evaluation)

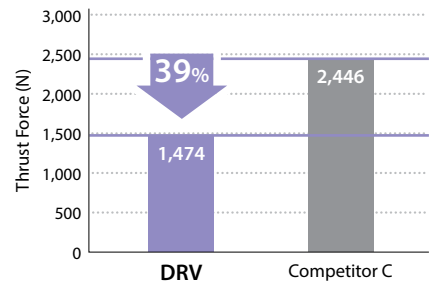


Cutting Diameter Variation Comparison
(Internal Evaluation)



Cutting Conditions : $V_c = 490$ sfm, $f = 0.0024$ ipr
 Cutting Dia. $\varnothing 0.812''$ (5D), Wet, Workpiece : 1049

Cutting Force Comparison
(Internal Evaluation)



Cutting Conditions : $V_c = 660$ sfm, $f = 0.0047$ ipr
 Cutting Dia. $\varnothing 0.812''$ (3D), Wet, Workpiece : 1049



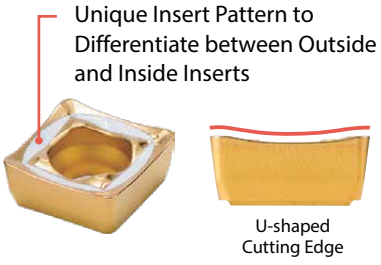
Variety of Lengths Available from 2D ~ 6D

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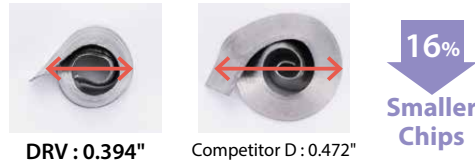
2 Unique Insert Design to Control Chip Flow

Outer Edge Insert



Smooth Chip Evacuation with Compact Chips

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



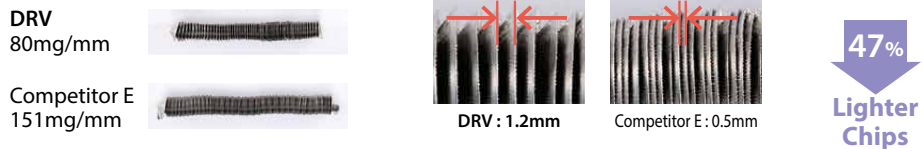
Cutting Conditions : Vc = 490 sfm, f = 0.0024 ipr, Cutting Dia. Ø0.812 (3D), Wet, Workpiece : 1049

Inner Edge Insert



Excellent Chip Evacuation with 6xD Maximum Deep-Hole Drilling

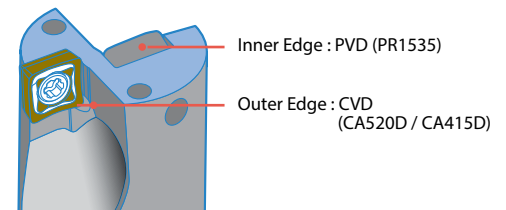
Weight per Unit of Length for Chips Generated by the Inner Insert (Internal Evaluation)



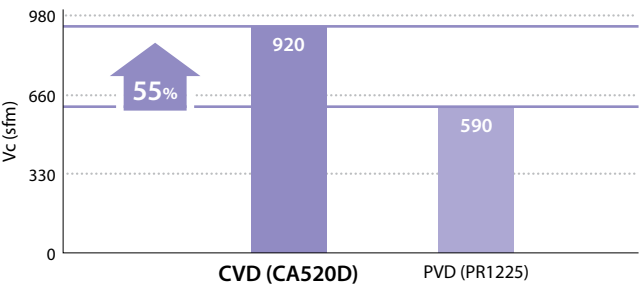
Cutting Conditions : Vc = 820 sfm, f = 0.0031 ipr, Cutting Dia. Ø0.812 (5D), Wet, Workpiece : 304

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

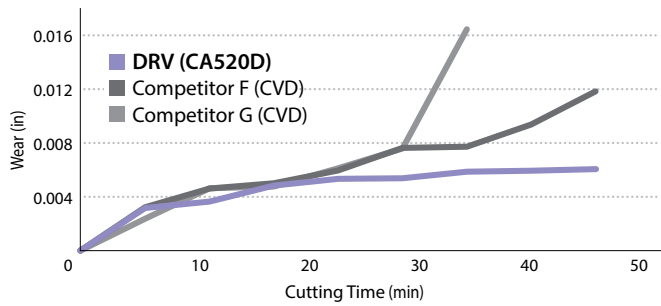


Recommended Cutting Conditions (Maximum Values)



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

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

FREE **Next Day Drop Shipping**
See Page 3

ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

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)	U.S. 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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500211 SM KIT	

Estimated Cutting Tolerance (2D)

Applicable Insert Information Page 15

DC	Estimated Cutting Tolerance (in)
Ø0.500" - Ø1.500"	+0.012 0

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

All 2020 Summer Offers Valid through September 30, 2020

All promotional items are available exclusively through Authorized North American Kyocera Precision Tool Distributors. FREE UPS Red shipping for continental U.S. only. Please use specified Promo Code or Kit Part Number when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate. Prices shown valid in U.S. only.

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

FREE
 Next Day
 Drop Shipping

 See Page 3

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)	U.S. 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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500311 SM KIT	

ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

■ Estimated Cutting Tolerance (3D)

Applicable Insert Information Page 15

DC	Estimated Cutting Tolerance (in)
Ø0.500" - Ø1.500"	+0.012 0

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

KYOCERA Precision Tools

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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

FREE **Next Day Drop Shipping**
See Page 3

ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

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)	U.S. 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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500411 SM KIT	

Estimated Cutting Tolerance (4D)

Applicable Insert Information Page 15

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

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

All 2020 Summer Offers Valid through September 30, 2020

All promotional items are available exclusively through Authorized North American Kyocera Precision Tool Distributors. FREE UPS Red shipping for continental U.S. only. Please use specified Promo Code or Kit Part Number when placing orders. To locate a distributor visit www.kyoceraprecisiontools.com/locate. Prices shown valid in U.S. only.

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

FREE 
Next Day
Drop Shipping

See Page 3

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)	U.S. 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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500511 SM KIT	

ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

■ Estimated Cutting Tolerance (5D)

Applicable Insert Information  Page 15

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

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

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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

FREE **Next Day Drop Shipping**
See Page 3

ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

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)	U.S. 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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			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
			SCMT110410-SM-I	PR1535	SCMT110406-SM-E	PR1225	S150DRV1500611 SM KIT	

Estimated Cutting Tolerance (6D)

Applicable Insert Information Page 15

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

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

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DRV Inserts

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

Usage Classification		P	Carbon Steel / Alloy 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
			IC W1/INSL	S	D1	RE	AN	PR1225	CA520D	PR1535	
<p>General Purpose</p>	Outer Edge	LCMT 030203-GM-E	0.173/0.218	0.079	0.091	0.012	7°		●		
		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			●		
		090405-GM-E	0.358	0.161	0.157	0.020			●		
		110406-GM-E	0.433	0.177	0.181	0.024			●		
		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		●					
090405-SM-E	0.358	0.161	0.157	0.020		●					
110406-SM-E	0.433	0.177	0.181	0.024		●					
<p>General Purpose</p>	Inner Edge	LCMT 030205-GM-I	0.164/0.221	0.079	0.091	0.020	7°			●	
		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				●	
		090410-GM-I	0.386	0.161	0.157	0.039				●	
		110410-GM-I	0.469	0.177	0.181	0.039				●	
		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				●			
090410-SM-I	0.386	0.161	0.157	0.039				●			
110410-SM-I	0.469	0.177	0.181	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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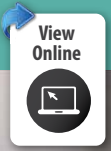
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ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF



NEW

JCT Series

Jet Coolant Through Holders

ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

Turning
Double-Clamp JCT

Grooving / Cut-off
KGD-JCT

Small Parts Turning
Screw-Clamp JCT

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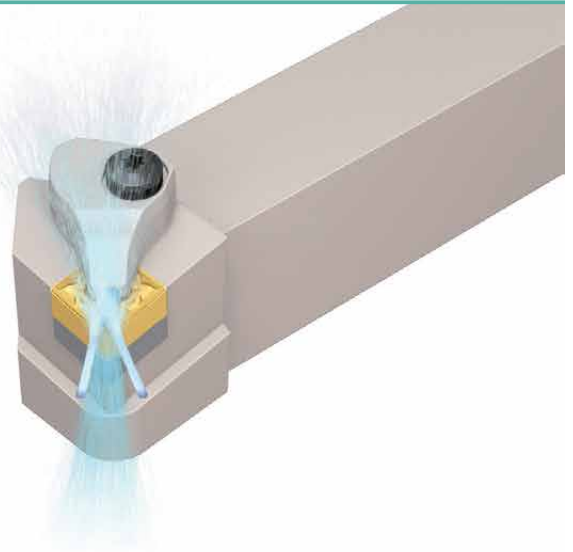
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Unique Coolant Systems for Various Machining Applications

Turning Double-Clamp-JCT Page 18~25

Multiple Coolant Streams Promo Lineup
 Superior chip control performance
 with longer tool life and high-speed
 machining capability

DCLN-JCT
 DDJN-JCT



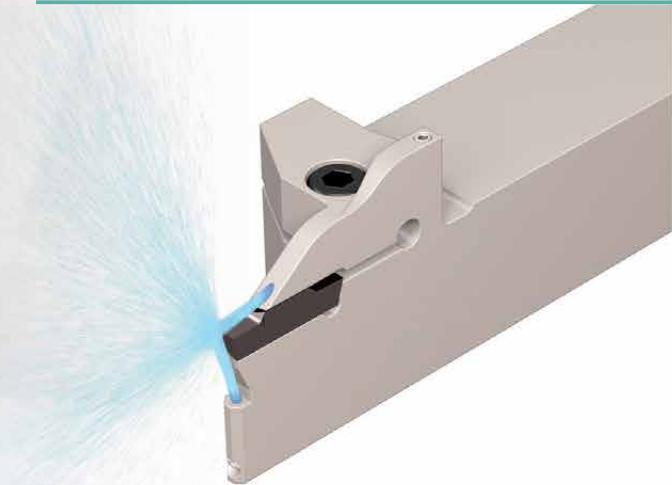
Grooving / Cut-Off KGD-JCT Page 28~31

Discharges Two Coolant Streams

One coolant stream towards the rake face of the insert for chip control and one towards the flank surface for cooling of the cutting edge

Promo Lineup

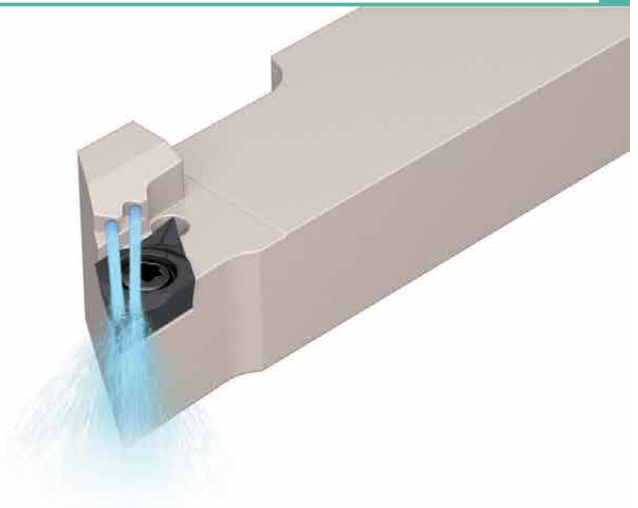
Edge Widths: 0.0787" - 1.000" (20mm - 25.4mm)
 Groove Widths: 0.118" - 0.157" (3mm - 4mm)



Turning Screw-Clamp-JCT Page 26~27

Double Coolant Holes
 Double coolant holes provide
 coolant toward the cutting edge
 surface of the insert

Promo Lineup
 SCLC-JCT
 SDJC-JCT
 SVJB-JCT





CA310
High-Speed Continuous
CA315
General Use

CAST IRON TURNING KITS

CA3-SERIES INSERTS AND DOUBLE-CLAMP HOLDER KITS

Promo Code: **KYO-CA3-KIT**

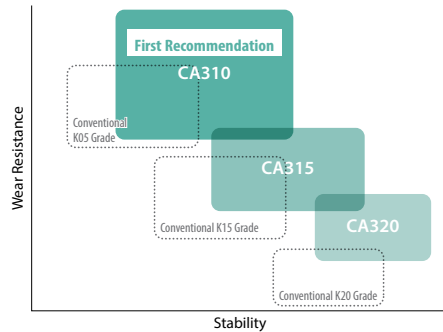
CA3-Series for Reliable and Efficient Cast Iron Turning

Improved Coating Adhesion Prevents Chipping and Provides Stable Machining

CA310 for High-Speed Continuous Machining

Focused on wear resistance for machining gray cast iron through the deposition of a thickened alumina coating layer

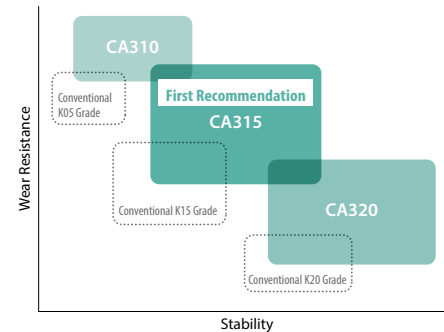
Gray Cast Iron **1st Recommendation CA310**



CA315 for General Machining

Excellent performance for machining gray & nodular cast iron by optimizing the total coating layer thickness

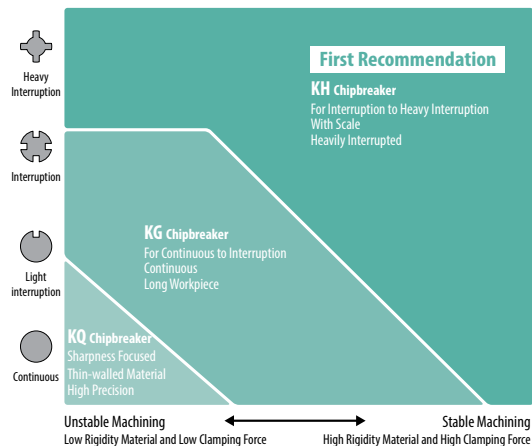
Nodular Cast Iron **1st Recommendation CA315**



Innovative Coating Layers

Superior Hardness and Toughness with Excellent Fracture and Wear Resistance

Recommended K-Series Chipbreakers



First Recommendation

KH Chipbreaker (For Interrupted to Heavily Interrupted)

Good for Heavily Interrupted Machining
Focus on High Stability with Flat Land

KG Chipbreaker (for Continuous to Interrupted)

For Various Cast Iron Machining Applications
Chipping Resistance is Improved Despite Having a Positive Land



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ALUMINUM MILLING

DRILLING

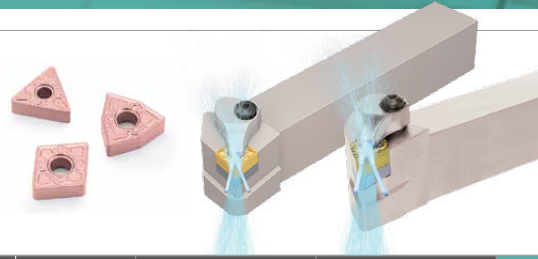
TURNING

GROOVING & CUT-OFF



Cast Iron Turning Kits

Includes (1) JCT Toolholder and (10) Inserts
Choose your Toolholder, Insert Chipbreaker, and Insert Grade

Promo Code: **KYO-CA3-KIT**



FREE ✈️
Next Day
Drop Shipping
See Page 3

Pick 1 Toolholder Part Number		Shank Size (Square)	Overall Length	Insert Part Number	Pick 1 Chipbreaker	Pick 1 Insert Grade	U.S. Kit Price		
 Jet Coolant-Through (JCT)	DCLNR 12-4BJCT	0.750"	4.500"	CNMG 432	KG (for Continuous to Interrupted)	CA310 (for High-Speed Continuous Machining)	\$220.00		
	DCLNL 12-4BJCT								
	DCLNR 16-4DJCT	1.000"	6.000"				KH (for Interrupted to Heavily Interrupted)	CA315 (for General Machining)	\$240.00
	DCLNL 16-4DJCT								
 Jet Coolant-Through (JCT)	DDJNR 12-4BJCT	0.750"	4.500"	DNMG 432	KH (for Interrupted to Heavily Interrupted)	CA315 (for General Machining)			\$240.00
	DDJNL 12-4BJCT								
	DDJNR 16-4DJCT	1.000"	6.000"				CA315 (for General Machining)	\$260.00	
	DDJNL 16-4DJCT								

ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

CA3-Series Inserts

Usage Classification

Insert	Part Number	Dimensions (in)				CVD Coating	
		IC	Thickness	Hole	Corner-R (RE)	CA310	CA315
Sharp Edge	CNMG 432KG	1/2	3/16	0.203	1/32	★	☆
Roughing	CNMG 432KH					★	★
Sharp Edge	DNMG 432KG	1/2	3/16	0.203	1/32	★	★
Roughing	DNMG 432KH					★	★

* No chipbreaker or geometry substitutions

* JCT coolant piping hardware must be purchased separately

● : Standard Item

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STEEL TURNING KITS

CA025P Next Generation CVD

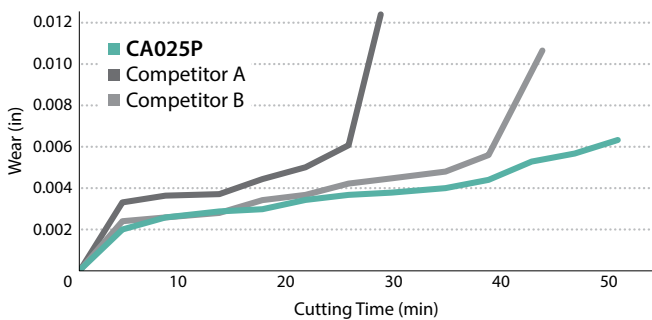
NEXT GENERATION CVD FOR STEEL TURNING

Promo Code: *KYO-CA025P-KIT*

Improved Wear Resistance with New CVD Grade for Steel

- Thickened Alumina with Good Thermal Resistance (Twice as thick as conventional coating)
- Improved Plastic Deformation Resistance by Increased Temperature Strength

Wear Resistance Comparison (Internal Evaluation)



CA025P (50.4 min)

Competitor A (29.4 min)

Competitor B (42 min)



Good Surface Condition

Cutting Conditions : $V_c = 980 \text{ sfm}$, $D.O.C. = 0.059''$, $f = 0.012 \text{ ipr}$, Wet Workpiece : 4137

CA025P Maintains Smooth and Flat Surface with Stable Tool Life

Wear Comparison (Internal Evaluation) Cutting Time 25.2 min

CA025P



Stable Wear on Surface

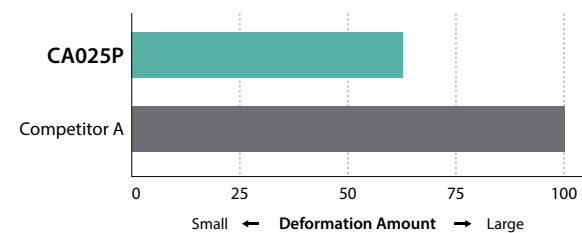
Competitor A



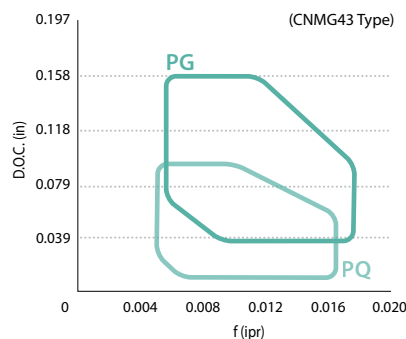
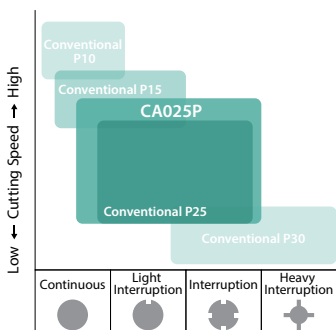
Unstable Wear Pattern

Cutting Conditions : $V_c = 980 \text{ sfm}$, $D.O.C. = 0.059''$, $f = 0.012 \text{ ipr}$, Wet Workpiece : 4137

Plastic Deformation Comparison under High Temperature (Internal Evaluation) Comparison with Competitor A



Insert Grade and Chipbreaker Applications



- PG Chipbreaker (Medium-Roughing)**
Stable Machining and Good Chip Control in a Wide Range of Applications
- PQ Chipbreaker (Finishing-Medium)**
Reduces Chip Clogging and Resistance at High Feed Rates

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ALUMINUM MILLING

DRILLING

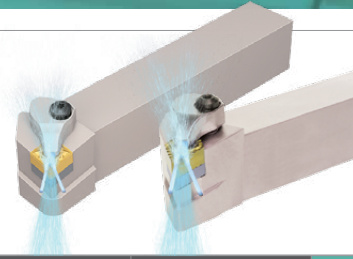
TURNING

GROOVING & CUT-OFF

Steel Turning Kits



Includes (1) JCT Toolholder and (10) Inserts
Choose your Toolholder and Insert Chipbreaker

Promo Code: **KYO-CA025P-KIT**







FREE 
Next Day
Drop Shipping

See Page 3

Pick 1 Toolholder Part Number		Shank Size (Square)	Overall Length	Insert Part Number	Pick 1 Chipbreaker	Insert Grade	U.S. Kit Price
 Jet Coolant-Through (JCT)	DCLNR 12-4BJCT	0.750"	4.500"	CNMG 432	PG (for Medium-Roughing) PQ (for Finishing-Medium)	CA025P (for General Machining)	\$220.00
	DCLNL 12-4BJCT						
	DCLNR 16-4DJCT	1.000"	6.000"				\$240.00
	DCLNL 16-4DJCT						
 Jet Coolant-Through (JCT)	DDJNR 12-4BJCT	0.750"	4.500"	DNMG 432	PG (for Medium-Roughing) PQ (for Finishing-Medium)	CA025P (for General Machining)	\$240.00
	DDJNL12-4BJCT						
	DDJNR 16-4DJCT	1.000"	6.000"				\$260.00
	DDJNL 16-4DJCT						

CA025P Inserts

Usage Classification

Insert	Part Number	Dimensions (in)				CVD Coating
		IC	Thickness	Hole	Corner-R (RE)	CA025P
Medium-Roughing 	CNMG 432PG	1/2	3/16	0.203	1/32	●
Finishing-Medium 	CNMG 432PQ					●
Medium-Roughing 	DNMG 432PG	1/2	3/16	0.203	1/32	●
Finishing-Medium 	DNMG 432PQ					●

* No chipbreaker or geometry substitutions

* JCT coolant piping hardware must be purchased separately

● : Standard Item

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ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF



CA6515
High-Speed Continuous
CA6525
General Use

STAINLESS STEEL TURNING KITS

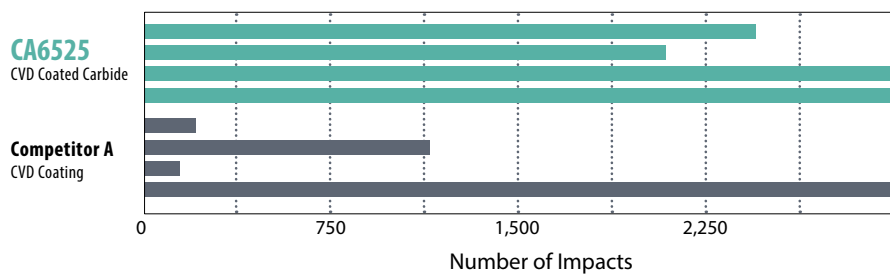
CA65-SERIES INSERTS AND DOUBLE-CLAMP HOLDER KITS

Promo Code: *KYO-CA65-KIT*

Excellent Fracture Toughness and Machining Stability

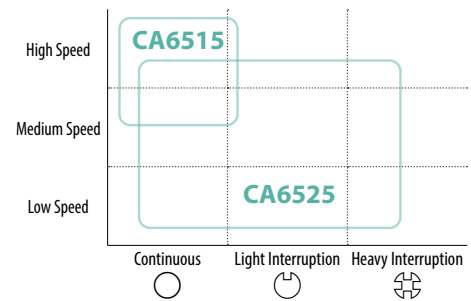
Low Cutting Resistance and Reduced Adhesion and Edge Buildup

CA6526 Cutting Performance



Cutting Conditions: $V_c = 330$ sfm, $D.O.C. = 0.02"$, $f = 0.012$ ipr, Wet
Workpiece Material: 304 SS, Insert: CNMG432 PR1125, 4 Grooves

Grade Application Range



Insert Grade and Chipbreaker Applications

High Performance Chipbreakers for Various Machining Applications

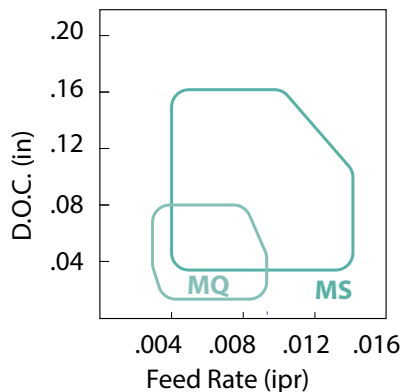
MS Chipbreaker

- First recommendation for medium to roughing
- Positive land
- Tough cutting edge
- Good chip control

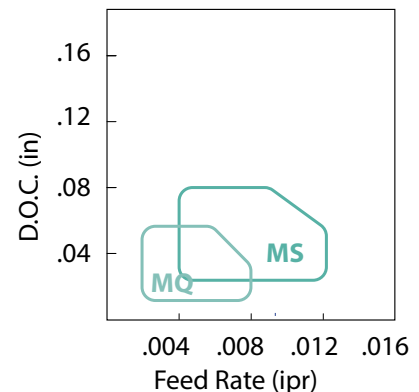
MQ Chipbreaker

- For finishing to medium
- Large rake angle with circular edge line
- Low cutting force and good chip control

(Stainless Steel)



(Heat-Resistant Alloys)



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ALUMINUM MILLING

DRILLING

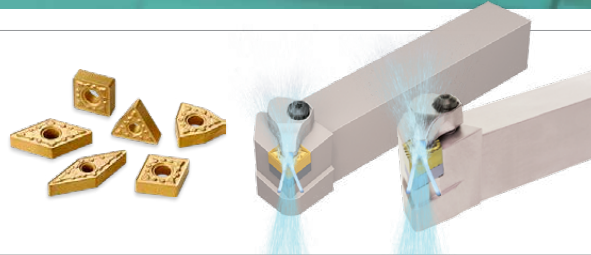
TURNING

GROOVING & CUT-OFF



Stainless Steel Turning Kits

Includes (1) JCT Toolholder and (10) Inserts
Choose your Toolholder, Insert Chipbreaker, and Insert Grade

Promo Code: **KYO-CA65-KIT**



FREE **Next Day Drop Shipping**
See Page 3

Pick 1 Toolholder Part Number		Shank Size (Square)	Overall Length	Insert Part Number	Pick 1 Chipbreaker	Pick 1 Insert Grade	U.S. Kit Price			
 Jet Coolant-Through (JCT)	DCLNR 12-4BJCT	0.750"	4.500"	CNMG 432	MS (for Medium-Roughing)	CA6515 (for High-Speed Continuous Machining)	\$220.00			
	DCLNL 12-4BJCT									
	DCLNR 16-4DJCT	1.000"	6.000"				MU (for Finishing-Medium)	CA6525 (for General Machining)	\$240.00	
	DCLNL 16-4DJCT									
 Jet Coolant-Through (JCT)	DDJNR 12-4BJCT	0.750"	4.500"	DNMG 432	MU (for Finishing-Medium)	CA6525 (for General Machining)			\$240.00	
	DDJNL12-4BJCT									
	DDJNR 16-4DJCT	1.000"	6.000"				DNMG 432	MU (for Finishing-Medium)	CA6525 (for General Machining)	\$260.00
	DDJNL 16-4DJCT									

ALUMINUM MILLING
DRILLING
TURNING
GROOVING & CUT-OFF

CA65-Series Inserts

Usage Classification								
Insert		Part Number		Dimensions (in)			CVD Coating	
		IC	Thickness	Hole	Corner-R (RE)	CA6515	CA6525	
★ Roughing / 1st Choice	M	Stainless Steel			★	★		
☆ Roughing / 2nd Choice	S	Heat Resistant Alloy (Ni-base)			☆	☆		
Medium-Roughing		CNMG 432MS	1/2	3/16	0.203	1/32	●	●
Finishing-Medium		CNMG 432MU					●	●
Medium-Roughing		DNMG 432MS	1/2	3/16	0.203	1/32	●	●
Finishing-Medium		DNMG 432MU					●	●

* No chipbreaker or geometry substitutions

* JCT coolant piping hardware must be purchased separately

● : Standard Item

KYOCERA Precision Tools



PR005S
High-Speed Continuous
PR015S
General Use

PRO-SERIES INSERTS AND DOUBLE-CLAMP HOLDER KITS

Promo Code: **KYO-PRO-KIT**

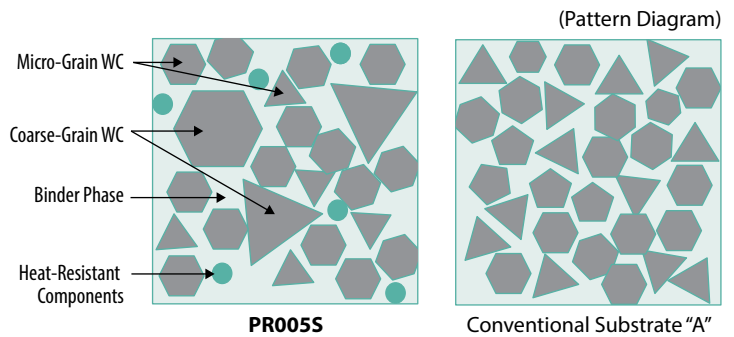
Newly Developed Substrate Helps to Reduce Sudden Fracture and Notch Wear

Improved thermal conductivity by optimum distribution of WC coarse grains

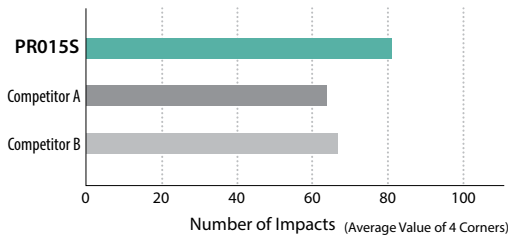
Resists heat concentration at the cutting edge to promote stable machining

PR005S
Hard, Wear-resistant Grade for High-speed Machining

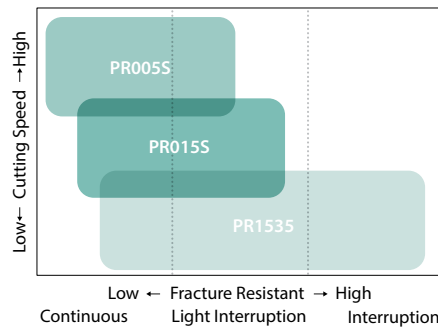
PR015S
General Purpose Grade with Excellent Wear Resistance and Stability



Fracture Resistance Comparison (Internal Evaluation)

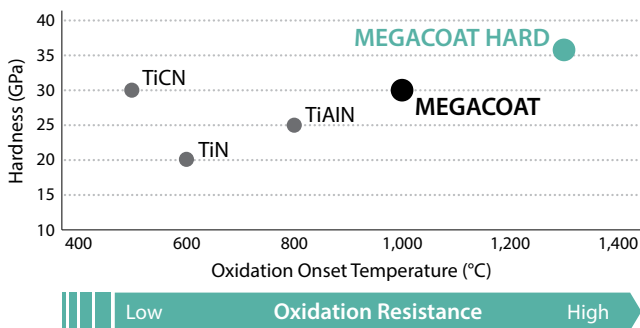


Cutting Conditions: $V_c = 80$ sfm, D.O.C. = 0.039", $f = 0.004$ ipr, Wet
CNMG432 Type Workpiece: Nickel-based Superalloy Cylindrical Workpiece with 1 Flat Face



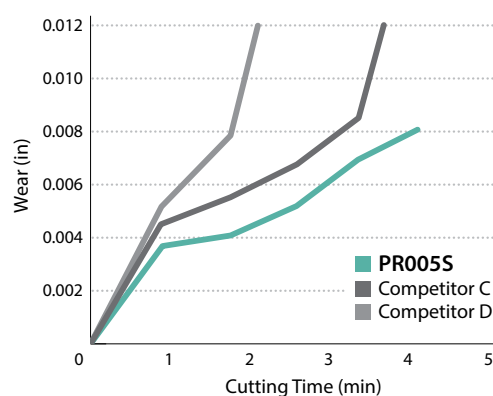
Improved Wear Resistance with MEGACOAT HARD Coating

Coating Film Property (Internal Evaluation)

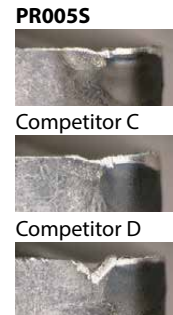


Excellent wear resistance with high-hardness resists boundary damage with improved thermal properties

Wear Resistance Comparison (Internal Evaluation)



Machining Time: 3.5 min
Competitor D could only reach 2.6 minutes.



Cutting Conditions: $V_c = 200$ sfm, D.O.C. = 0.039", $f = 0.008$ ipr, Wet, CNMG432 Type
Workpiece: Nickel-based Superalloy

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TURNING

GROOVING & CUT-OFF

Heat-Resistant Alloy Turning Kits



Includes (1) JCT Toolholder and (10) Inserts
Choose your Toolholder, Insert Chipbreaker, and Insert Grade

Promo Code: **KYO-PRO-KIT**



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See Page 3

Pick 1 Toolholder Part Number		Shank Size (Square)	Overall Length	Insert Part Number	Pick 1 Chipbreaker	Pick 1 Insert Grade	U.S. Kit Price
 Jet Coolant-Through (JCT)	DCLNR 12-4BJCT	0.750"	4.500"	CNMG 432	MS (for Medium-Roughing)	PR005S (for High-Speed Continuous Machining)	\$220.00
	DCLNL 12-4BJCT						
	DCLNR 16-4DJCT	1.000"	6.000"				\$240.00
	DCLNL 16-4DJCT						
 Jet Coolant-Through (JCT)	DDJNR 12-4BJCT	0.750"	4.500"	DNMG 432	SQ (for Finishing-Medium)	PR015S (for General Machining)	\$240.00
	DDJNL12-4BJCT						
	DDJNR 16-4DJCT	1.000"	6.000"				\$260.00
	DDJNL 16-4DJCT						

PRO-Series Inserts

Usage Classification

Insert	Part Number	Dimensions (in)				MEGACOAT HARD	
		IC	Thickness	Hole	Corner-R (RE)	PR005S	PR015S
★ Roughing / 1st Choice ☆ Roughing / 2nd Choice	M	Stainless Steel					★
	S	Heat Resistant Alloy (Ni-base)				★	★
		Titanium Alloy (Ti-6Al-4V)					★
Medium-Roughing	CNMG 432MS	1/2	3/16	0.203	1/32	●	●
Finishing-Medium	CNMG 432SQ					●	●
Medium-Roughing	DNMG 432MS	1/2	3/16	0.203	1/32	●	●
Finishing-Medium	DNMG 432SQ					●	●

● : Standard Item

* No chipbreaker or geometry substitutions

* JCT coolant piping hardware must be purchased separately

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JCT-SERIES SMALL PARTS TURNING KITS

Screw Clamp JCT Coolant Through Holders

PR1725 for Small Parts Steel and Stainless

JCT-SERIES COOLANT THROUGH HOLDER AND PR1725 INSERTS KITS

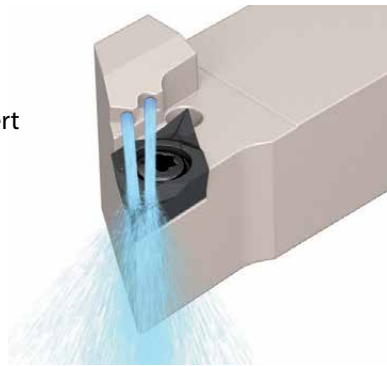
Promo Code: **KYO-PR1725-KIT**

JCT-Series Coolant Through Holders for Small Parts Machining



Double Coolant Holes

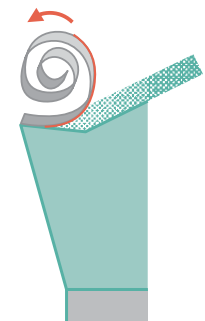
Double coolant hole design provides coolant to the insert cutting edge surface



Superior Chip Control

Provides stable chip curls for superior chip control

The cutting edge stays cool increasing tool life



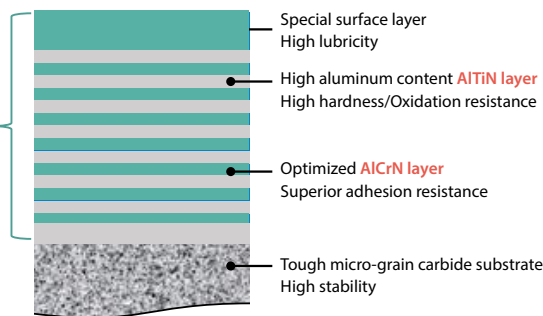
PR1725 for Small Parts Steel and Stainless Steel Machining

MEGACOAT NANO PLUS

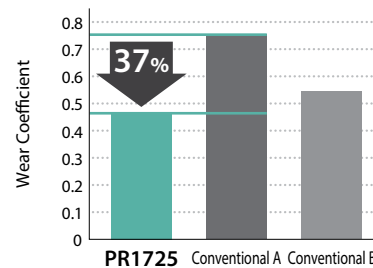
AlTiN/AICrN Nano laminated film with superior wear resistance and adhesion resistance
Excellent surface finish and long tool life

REDUCES CRACKING

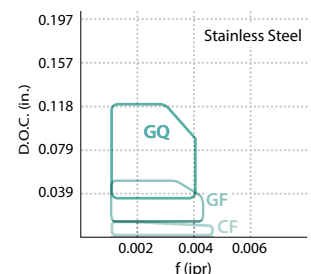
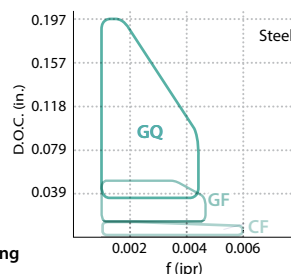
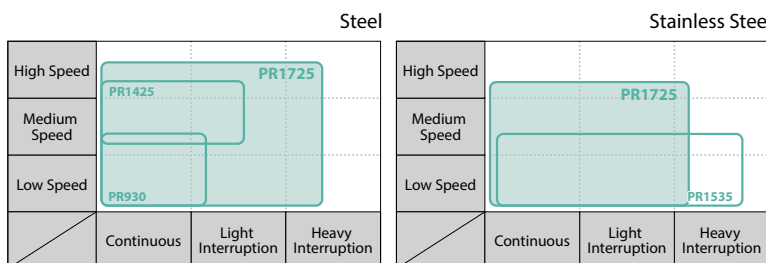
Reduces abnormal damage such as chipping because of increased lamination layer with a thinner gap than conventional coatings



Wear Coefficient Comparison (Internal evaluation)



Great performance in both steel and stainless steel from low to high speed machining



PR1725 : 1st Recommendation for Steel

PR1725 : For general purpose high-speed machining

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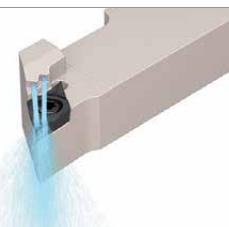


Small Parts Turning Kits

Includes (1) JCT Toolholder and (10) Inserts




Choose your Toolholder and Insert

Promo Code: **KYO-PR1725-KIT**






FREE
Next Day
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See Page 3

Pick 1 Toolholder Part Number		Shank Size (Rectangle)	Overall Length	Pick 1 Insert Part Number	Insert Grade	U.S. Kit Price
 Coolant Through JCT	SCLCR 62-3FFJCT	0.500" x 0.750"	4.750"	CCGT 32502MFP-SK CCGT 32505MFP-SK CCGT 3251MFP-SK	PR1725 (General Machining in Steel and Stainless Steel)	\$250.00
	SCLCR 82.5-3FFJCT	0.625" x 1.000"	4.750"			\$280.00
 Coolant Through JCT	SDJCR 62-3FFJCT	0.500" x 0.750"	4.750"	DCGT 32502MFP-SK DCGT 32505MFP-SK DCGT 3251MFP-SK		\$250.00
	SDJCR 82.5-3FFJCT	0.625" x 1.000"	4.750"			\$280.00
 Coolant Through JCT	SVJBR 62-2FFJCT	0.500" x 0.750"	4.750"	VBET 22013MR-Y VBET 2202MR-Y VBET 2205MR-Y VBET 221MR-Y		\$250.00
	SVJBR 82.5-2FFJCT	0.625" x 1.000"	4.750"			\$280.00

PR1725 Inserts

Usage Classification

★ 1st Choice	P	Carbon Steel / Alloy Steel					★
☆ 2nd Choice	M	Stainless Steel					☆
Insert	Part Number	Dimensions (in)					MEGACOAT NANO PLUS
		IC	Thickness	Hole	Corner-R (RE)	Relief Angle	PR1725
 Finishing Sharp Edge / Polished	CCGT 32502MFP-SK	3/8	5/32	0.173	< 0.004	7°	●
	32505MFP-SK				< 0.008		
	3251MFP-SK				< 1/64		
 Finishing Sharp Edge / Polished	DCGT 32502MFP-SK	3/8	5/32	0.173	< 0.004	7°	●
	32505MFP-SK				< 0.008		
	3251MFP-SK				< 1/64		
 Finishing-Medium Sharp Edge	VBET 22013MR-Y	1/4	1/8	0.110	< 0.002	5°	●
	2202MR-Y				< 0.004		
	2205MR-Y				< 0.008		
	221MR-Y				< 1/64		

* Insert with corner R (RE) dimension expressed with less than sign (e.g. < 0.008) indicates models with minus tolerance.

* No chipbreaker, geometry, or grade substitutions

* JCT coolant piping hardware must be purchased separately

● : Standard Item

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Buy 30 Inserts

FREE

Jet Coolant-Through
KGD-JCT Holder



ALUMINUM MILLING

DRILLING

TURNING

GROOVING & CUT-OFF

KGD-JCT GROOVING & CUT-OFF SYSTEM

Promo Code: **KYO-KGD-FREE**

KGD-JCT

Coolant-Through Holders for
External Grooving and Cut-Off

Discharges Coolant in Two Directions

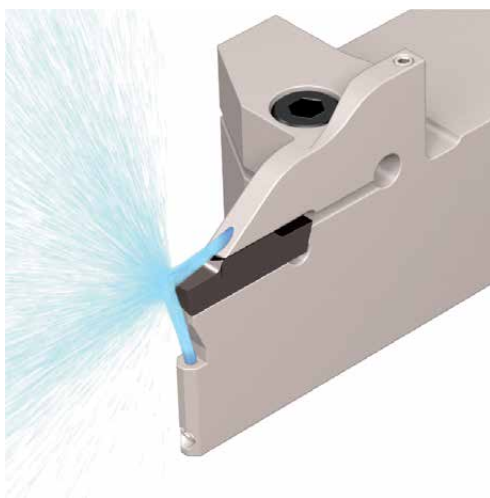
Discharges coolant in two directions toward both the rake surface and the flank face of the insert

Excellent chip control and long tool life

Superior Chip Control Performance

Coolant towards the rake face

Coolant hole position and angle improve chip control



Chip Control Comparison (Internal Evaluation)

KGD-JCT showed better chip control performance even at lower feed rates

$f = 0.002$ ipr (218 psi)



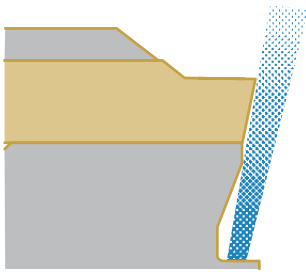
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Keeps the Cutting Edge Cool for Longer Tool Life

Coolant towards the rake surface and the flank face of the insert
Directing coolant towards the cutting edge lengthens tool life

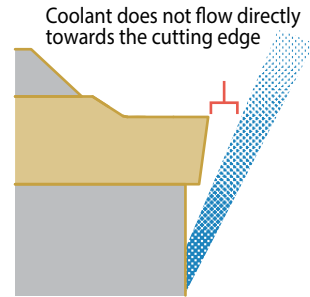
KGD-JCT



After Machining 39 min

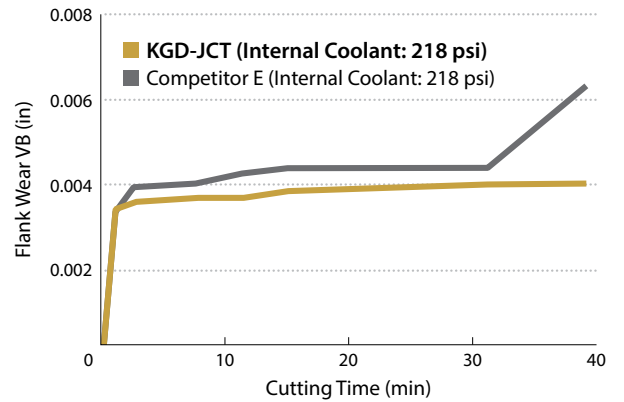


Competitor E



Defect

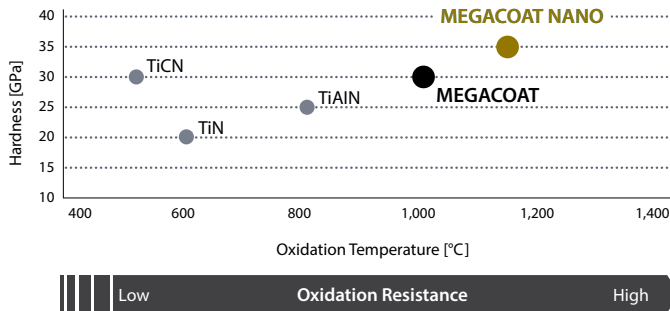
Wear Resistance Comparison (Internal Evaluation)



Cutting Conditions: $V_c = 590$ sfm, $f = 0.006$ ipr, $d = 0.354$ " Wet
Edge Width 0.158" Workpiece: 4131 Grooving

MEGACOAT / MEGACOAT NANO Coating Technology for Long Tool Life

Coating Properties



PR1535 (MEGACOAT NANO)
For machining of stainless steel

PR1225 (MEGACOAT)
For Steel Grooving and Cut-off

KGD-JCT Coolant-Through Integral Holders

Buy **30** Inserts and Receive a **FREE** Holder
 Insert sizes may be mixed-and-matched but must fit chosen holder

Promo Code: **KYO-KGD-FREE**

FREE 
 Next Day
 Drop Shipping 
 See Page 3



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Width (in)	Toolholder Part Number	Stock		Dimensions (in)			Insert Width CW (in)		Applicable Inserts
		R	L	Shank Size (Square)	Overall Length	MAX Groove Depth	MIN	MAX	
0.118 (3mm)	KGD ^{R/L} 12-3T20JCT	●	●	0.75	5.00	0.787 (20mm)	0.118 (3mm)	0.157 (4mm)	GDM3020N020-GM GDM3020N040-GM GDM4020N020-GM GDM4020N040-GM GDM4020N080-GM
	16-3T20JCT	●	●	1.00	5.00				
0.157 (4mm)	KGD ^{R/L} 12-4T20JCT	●	●	0.75	5.00	0.787 (20mm)	0.157 (4mm)	0.197 (5mm)	
	16-4T20JCT	●	●	1.00	5.00				
	KGD ^{R/L} 16-4T25.4JCT	●	●	1.00	5.00	1.000 (25.4mm)			

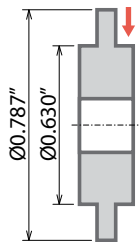
*JCT coolant piping hardware must be purchased separately

● : Standard Item

Case Studies

Ring - 5120 (Equivalent)

Vc = 525 sfm
 (n = 3,200 rpm)
 D.O.C. = 0.098"
 f = 0.0028 ipr
 Wet (Water Soluble), Normal Pressure
 KGDR2020K-3T10JCT
 GDM3020M-025PM PR1225



Tool Life

KGD-JCT
 (Internal Coolant)

9,000 pcs / edge

Tool Life

x1.5

Competitor H
 (External Coolant)

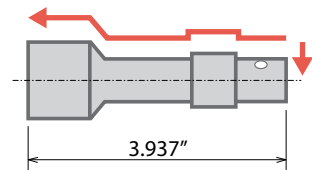
6,000 pcs / edge

Change to KGD-JCT (internal coolant) from Competitor H (external coolant) extended tool life by 1.5 times.

(User Evaluation)

Valve - Free Cutting Steel

Vc = 525 sfm
 D.O.C. = 0.551"
 f = 0.0047-0.0059 ipr
 Wet (Water Soluble), Normal Pressure
 KGDR2525K-3T20JCT
 GDM3020M-040GM PR1535



Tool Life

KGD-JCT
 (Internal Coolant)

1,000 pcs / edge

Chip Control

Good

Surface Finish

Good

Competitor I
 (Internal Coolant)

1,000 pcs / edge


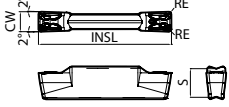
KGD-JCT maintained stable machining for the required number of pieces
 Better chip control and surface finish

(User Evaluation)

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KGD Inserts

Usage Classification											
● : Light Interruption / 1st Choice ☉ : Light Interruption / 2nd Choice		P	Carbon Steel / Alloy Steel							●	
		M	Stainless Steel						●	☉	
		S	Titanium Alloy (Ti-6Al-4V)						●		
Insert		Part Number		Dimensions (in)					MEGACOAT NANO	MEGACOAT	
				CW			RE	INSL	S	PR1535	PR1225
				inch	mm	Tolerance					
 <p>General Purpose</p>		GDM 3020N-020GM	0.118	3.0	±0.0012	0.008	0.787	0.169	●	●	
		3020N-040GM	0.118	3.0		0.016			●	●	
		4020N-020GM	0.157	4.0		0.008			●	●	
		4020N-040GM	0.157	4.0		0.016			●	●	
		4020N-080GM	0.157	4.0		0.032			●	●	
		5020N-040GM	0.197	5.0		±0.0016			0.016	●	●

● : Standard Item | Inserts sold in 10-piece packs

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to tool-up a new machining center*

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