



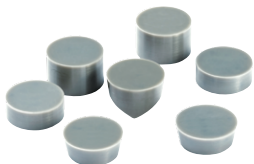
2017

S U M M E R / F A L L
P R O M O P A C K

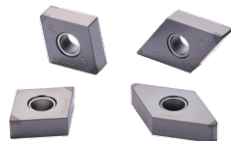
Indexable Turning Offers



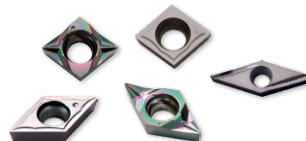
WE / WF Wiper Inserts
for Steel



Ceramic Inserts
for Roll Turning &
Heat-Resistant Alloys



Multi-Edge CBN
for Hard Turning



Positive-Style
for Steel, Stainless,
& Non-ferrous



GBA Grooving System
Economical Grooving with 3
Cutting Edges Per Insert



VALID THROUGH
December 31, 2017

KPTI Company Overview

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

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

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

KPTI North American Operations



Costa Mesa, CA

Wapakoneta, OH

Hendersonville, NC



Administration & Manufacturing

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

Steel Tool Holder Manufacturing

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

Sales, Tech Center & Marketing

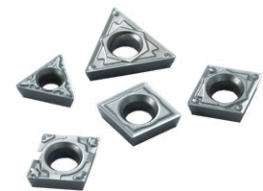
- North American Tech Center
- North American Sales, Marketing & Customer Service Center

KPTI

Manufactured Products



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



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



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

KPTI Markets Served



Automotive



Aerospace



Medical



Printed Circuit Board



Power Generation

Explore the Many Ways to Save with the Kyocera 2017 Summer / Fall Promo Pack

In 2017 Kyocera Precision Tools, Inc. is offering more ways to advance your productivity while also reducing your tooling costs. With our wide array of indexable and solid round cutting tools, we strive to be your primary source for high-quality, cost-effective solutions for all of your metal cutting needs. Read below for our latest cost-savings opportunities.

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

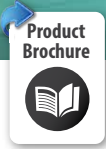
Turning Solutions

WE / WF Wiper Inserts for Steel Turning	Kits Include 1 Double-Clamp Holder and 10 Inserts	P4
	Buy 20 Inserts, Get 10 FREE	P4
KS6040 & KXW1 Ceramic Inserts for Roll Turning & HRSAs	Buy 30 Inserts, Get 10 FREE	P6
KBN05M Multi-edge CBN for Hard Turning	Kits Include 1 Double-Clamp Holder and 1 Insert	P8
	Buy 3 Inserts, Get 1 FREE	P8
Positive-style Turning Kits for Steel, Stainless, and Non-ferrous	Kits Include 1 Holder and 10 Inserts	P10
GBA Grooving System	Buy 10 Inserts, Get 1 Holder FREE	P14

How to Order

We sell our high-performance lineup of indexable and solid round cutting tools through our North American Distribution Partners. When placing an order for items in this Promo Pack, please reference the promo code provided.

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



Wiper Inserts for Steel Turning

WE & WF Negative Wiper Inserts in Carbide and Cermet



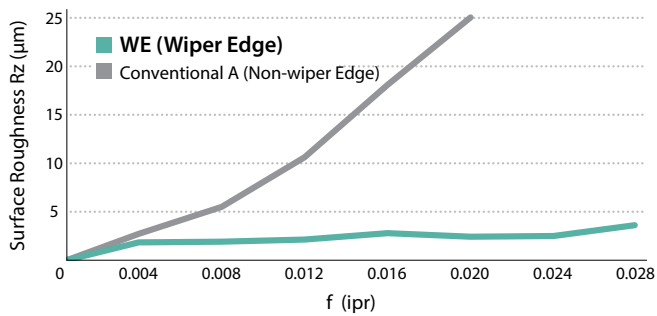
Two Ways to Save!

- 1) Buy 20 Inserts, Get 10 FREE (Promo Code: KYO-WIPER-20)
- 2) Turning Kits with Holder & 10 Inserts (Promo Code: KYO-WIPER-KIT)

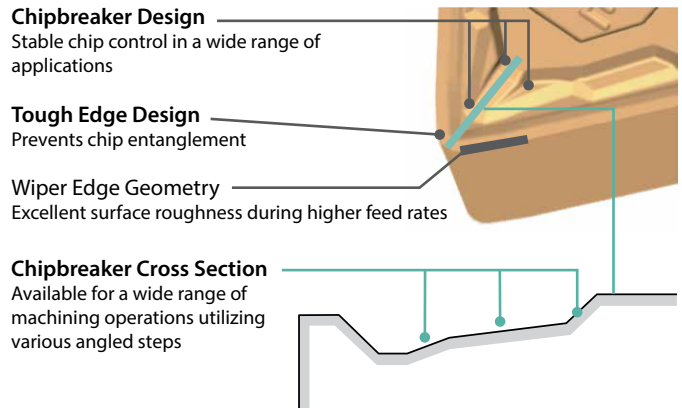
WE Chipbreaker (Finishing-Medium)

3 Times the Feed Rate of Standard Inserts with Excellent Surface Roughness

Surface Finish Comparison (Internal Evaluation)



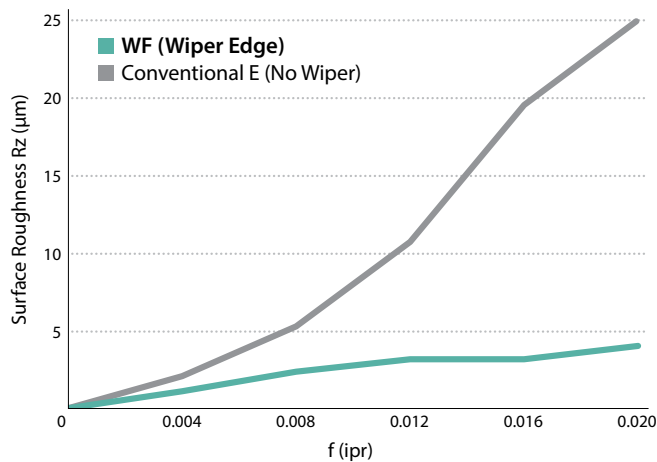
Cutting Conditions: $V_c = 820$ sfm, D.O.C. = 0.012", $f = 0.004 - 0.028$ ipr, Wet
CNMG432 Insert Workpiece: 4137



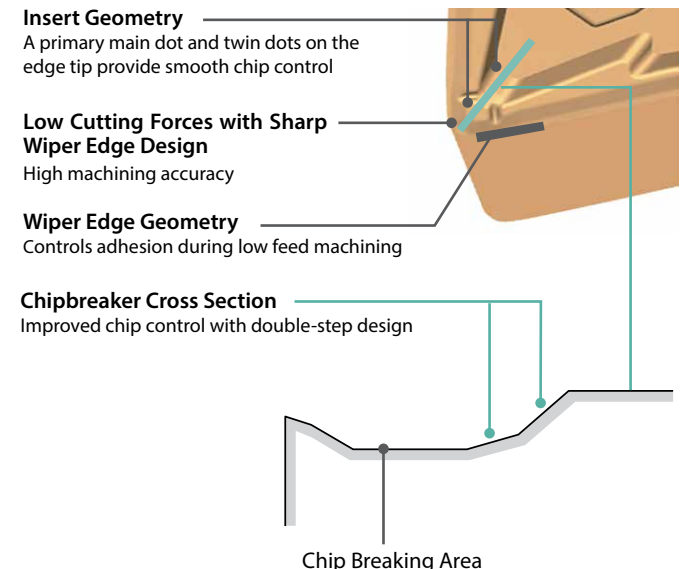
WF Chipbreaker (Finishing)

Excellent Surface Roughness with Twice the Feed Rate and Half the Cutting Time

Surface Finish Comparison (Internal Evaluation)



Cutting Conditions: $V_c = 820$ sfm, D.O.C. = 0.012", $f = 0.004 - 0.020$ ipr, Wet
CNMG432 Insert Workpiece: 4137



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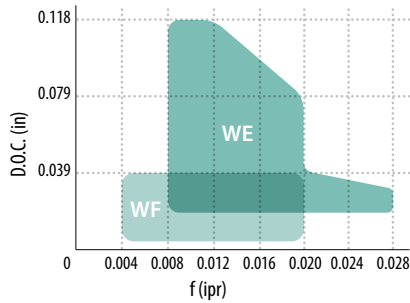
BUY 20 INSERTS, GET 10 FREE

All Inserts Must Be the Same Style and Grade

Promo Code: **KYO-WIPER-20**

WE Chipbreaker

Shape	Part Number	Dimensions (in)				MEGACOAT NANO Cermet		CVD Coated Carbide		
		I.C.	Thickness	Hole	Corner-R (re)	PV710	PV720	CA510	CA515	CA525
		● Light Interruption / 1st Choice ● Continuous / 1st Choice ○ Continuous / 2nd Choice								
	CNMG 431WE	1/2	3/16	0.203	1/64	●	●	○	●	●
	432WE				1/32	●	●		●	●
	433WE				3/64	●	●	○	●	●
	WNMG 431WE	1/2	3/16	0.203	1/64	●	●	○	●	●
	432WE				1/32	●	●	○	●	●
	433WE				3/64	●	●	○	●	●



WF Chipbreaker

Shape	Part Number	Dimensions (in)				MEGACOAT NANO Cermet		CVD Coated Carbide		
		I.C.	Thickness	Hole	Corner-R (re)	PV710	PV720	CA510	CA515	CA525
		● Light Interruption / 1st Choice ● Continuous / 1st Choice ○ Continuous / 2nd Choice								
	CNMG 431WF	1/2	3/16	0.203	1/64	●	●	○	●	●
	432WF				1/32	●	●		●	●
	DNMX 431WF	1/2	3/16	0.203	1/64	●	●	○	●	●
	432WF				1/32	●	●		●	●
	433WF				3/64	●	●	○	●	●
	DNMX 441WF		1/4	0.203	1/64	●	●	○	●	●
	442WF				1/32	●	●		●	●
443WF	3/64	●	●	○	●	●				
	TNMX 331WF	3/8	3/16	0.150	1/64	●	●	○	●	●
	332WF				1/32	●	●		●	●
	333WF				3/64	●	●	○	●	●
	WNMG 431WF	1/2	3/16	0.203	1/64	●	●	○	●	●
	432WF				1/32	●	●		●	●

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

Inserts sold in 10 piece boxes

TURNING KITS

(1 Double-Clamp Holder & 10 Inserts)

Promo Code: **KYO-WIPER-KIT**

Toolholders

Toolholder	Shank Size (Square)	Overall Length	Insert Description	Chipbreaker (Pick 1)	Grades (Pick 1)	U.S. Kit Price				
	DCLN 12-4B	0.750"	CNMG431 CNMG432 CNMG433	WE (Finishing-Medium)	CVD Carbide CA510 CA515 CA525	\$99.00				
	DCLN 16-4D	1.000"				\$109.00				
	DDJN 12-4B	0.750"	DNMX431 DNMX432 DNMX433			WF (Finishing)	PVD Coated Cermet PV710 PV720	\$109.00		
	DDJN 16-4D	1.000"						\$119.00		
	DWLN 12-4B	0.750"	WNMG431 WNMG432 WNGM433					WE (Finishing-Medium)	CVD Carbide CA510 CA515 CA525	\$99.00
	DWLN 16-4D	1.000"								\$109.00

KYOCERA Precision Tools, Inc.

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 Official Website | www.kyoceraprecisiontools.com



Ceramic Turning Inserts

For Roll Turning & Heat-Resistant Alloys

Use grade KXW1 whisker-reinforced ceramic for plunging and semi-finishing and grade KS6040 SiAlON ceramic for roughing applications.



BUY 30 INSERTS, GET 10 FREE
All Inserts Must Be the Same Style and Grade

Promo Code: **KYO-CERAMIC-FREE**

KXW1

Whisker-Reinforced Ceramic

for Plunging & Semi-finish Work

When to Choose Whisker (KXW1)

- First choice for plunging operations
- Can be used at higher cutting speeds and lower feed rates than SiAlON (KS6040)
- Stable choice for roughing and semi-finishing operations

KXW1 Applications

Application	Cutting Speed (sfm)	Feed Rate (ipr)	Depth of Cut
Roughing	600 - 1200	0.004 - 0.010	0.040 - 0.125
Semi-Finish / Profiling	600 - 1500	0.004 - 0.008	0.020 - 0.080
Plunging	600 - 1200	0.003 - 0.006	-

KS6040

SiAlON Ceramic

for Roughing Applications

When to Choose SiAlON (KS6040)

- First choice for rough machining of inconel and waspalo alloy forgings
- Economical alternative to whisker-reinforced ceramics with lower cost per part for roughing operations
- Recommended at lower cutting speeds and higher feed rates than whisker (KXW1)
- Not recommended for plunging operations

KS6040 Applications

Application	Cutting Speed (sfm)	Feed Rate (ipr)	Depth of Cut
Roughing, with Scale	450 - 800	0.008 - 0.012	0.040 - 0.200
Roughing, without Scale	600 - 900	0.008 - 0.014	0.040 - 0.200

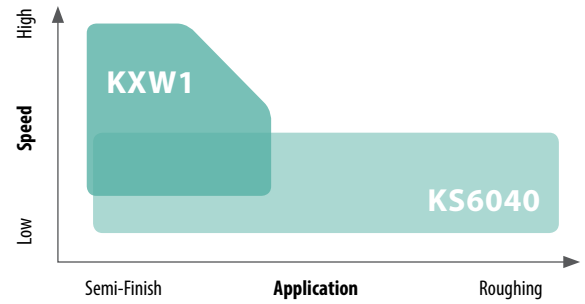
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BUY 30 INSERTS, GET 10 FREE
 All Inserts Must Be the Same Style and Grade

Promo Code: **KYO-CERAMIC-FREE**



Inserts

★ Roughing / 1st Choice ☆ Semi-Finishing / 1st Choice				S	Heat Resistant Alloy (Ni-base)		★	☆	
Edge Prep				Part Number	Edge Prep (in)	Dimensions (in)		SIAION Ceramic	Whisker-Reinforced Ceramic
Symbol	Cutting Edge Spec.					ØD	A	KS6040	KXW1
T	Chamfered Cutting Edge	T00420	0.004" x20° Chamfered Cutting Edge						
Insert									
		RNG 45T00420	T00420	1/2	5/16	●	●		
		RNG 65T00420		3/4	5/16	●			
		RCGX 24T00220	T00220	1/4	1/4		●		
		RCGX 35T00420	T00420	3/8	0.315	●	●		
		RCGX 45T00420		1/2	0.315	●	●		
		RPGX 35T00420	T00420	3/8	0.315	●			
		RPGX 45T00420		1/2	0.315	●			

● : U.S. Stock

Inserts sold in 10 piece boxes

Multi-Edge CBN for Hard Turning

KBN05M Economical Double-sided, Multi-edge CBN Inserts

NEW



Two Ways to Save!

- 1) Buy 3 Inserts, Get 1 FREE (Promo Code: KYO-CBN-3)
- 2) Turning Kits with Holder & 1 Insert (Promo Code: KYO-CBN-KIT)

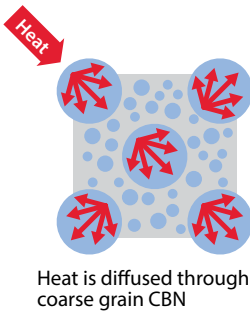
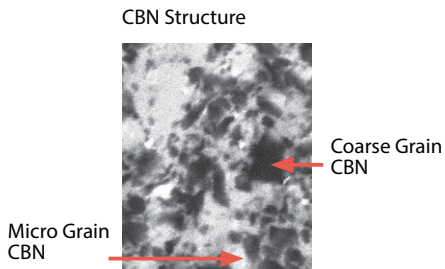
KBN05M CBN

Used in a Wide Range of Applications from Continuous (High-speed Finishing) to Interrupted Machining

Hybrid Grain Structure (KBN05M)
Mixed Structure of Micro Grain CBN and Coarse Grain CBN

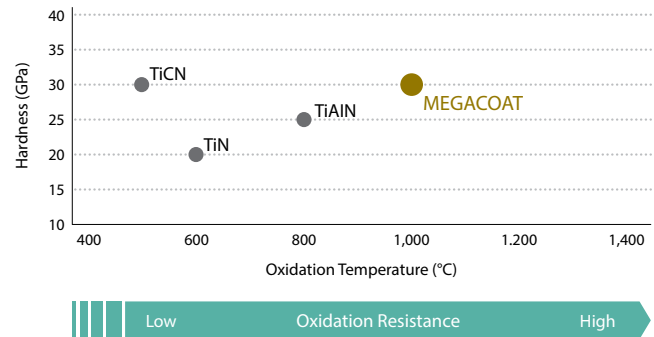
CBN possesses high hardness, toughness and thermal resistance characteristics

High Thermal Conductivity



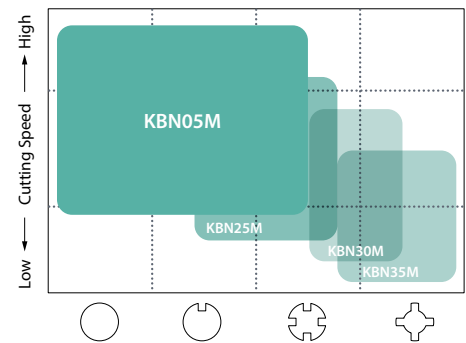
Superior Wear and Oxidation Resistance with MEGACOAT

Coating Properties



Recommended Cutting Conditions

Workpiece	Hardness	Application		Cutting Conditions		
				Vc (sfm)	D.O.C. (mm)	(ipr)
Hardened Material	> 55 HRC	General Finishing	Continuous to Interrupted	330 - 490 - 660	0.002 - 0.012 - 0.020	0.002 - 0.003 - 0.004



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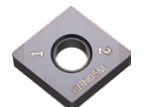



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BUY 3 INSERTS, GET 1 FREE

Mix-and-Match Sizes and Geometries / Free Insert Must Be of Equal or Lesser Value

Promo Code: **KYO-CBN-3**

KBN05M Inserts

Shape	Part Number	Edge Specification	Dimensions (in)					No. of Edges	KBN05M
			I.C.	Thickness	Hole	Corner-R (rε)	S		
	CNGA 431ME4	S00525	1/2	3/16	0.203	1/64	0.102	4	●
	432ME4					1/32	0.102		●
	433ME4					3/64	0.098		●
	DNGA 431ME4					1/64	0.102		●
	432ME4					1/32	0.087		●
	433ME4					3/64	0.075		●
	TNGA 331ME6		3/8	0.150	1/64	0.106	6	●	
	332ME6				1/32	3/32		●	
	333ME6				3/64	0.083		●	
	VNGA 331ME4				1/64	0.079		4	●
	332ME4				1/32	0.071			●

S00525: 0.005" X 25° Chamfered + Honed Cutting Edge

● : U.S. Stock


CBN Inserts sold in 1 piece boxes

TURNING KITS

(1 Double-Clamp Holder & 1 Insert)

Promo Code: **KYO-CBN-KIT**

Toolholders

Toolholder	Shank Size (Square)	Overall Length	Insert Description (Pick 1)	U.S. Kit Price
	DCLN 12-4B	0.750"	CNGA431ME4 KBN05M CNGA432ME4 KBN05M CNGA433ME4 KBN05M	\$109.00
	DCLN 16-4D	1.000"		\$119.00
	DDJN 12-4B	0.750"	DNGA431ME4 KBN05M DNGA432ME4 KBN05M DNGA433ME4 KBN05M	\$109.00
	DDJN 16-4D	1.000"		\$119.00
	DVJN 12-3B	0.750"	VNGA331ME4 KBN05M VNGA332ME4 KBN05M	\$109.00
	DVJN 16-3D	1.000"		\$119.00

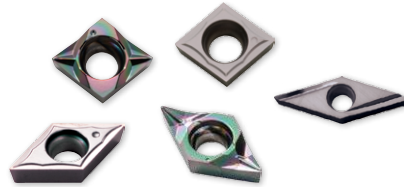
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Official Website | www.kyoceraprecisiontools.com

Positive-Style Turning Kits

For Steel, Stainless Steel, and Non-Ferrous Turning

New turning kits available with multiple insert grades and chipbreakers to choose from to perform various machining operations in steel, stainless steel and non-ferrous.



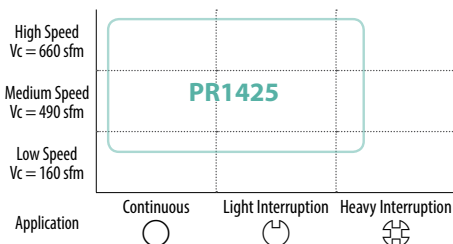
Grade Selection

Material	Description	Color	Main Component (Coating Composition)	Advantages
P Steel	PR1425	Blackish Red	MEGACOAT NANO	<ul style="list-style-type: none"> Nano thin multi-layer coating performs with superior wear resistance and high oxidation resistance Application: Stable cutting of steel and high-speed stainless steel with extended tool life
M Stainless Steel				
P Steel	PR1225	Blackish Red	MEGACOAT	<ul style="list-style-type: none"> Superior wear and oxidation resistant MEGACOAT on micro grain carbide substrate Application: Light interrupted to interrupted cutting of stainless steel
M Stainless Steel				
N Non-Ferrous Metals	PDL025	Iridescent	C	<ul style="list-style-type: none"> Hydrogen free DLC coating for high hardness close to that of diamond Application: Stable cutting of aluminum

PR1425 MEGACOAT NANO

Steel Machining

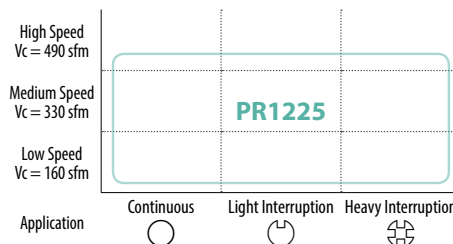
Superior performance in various steel cutting applications due to Kyocera's proprietary multi-layer MEGACOAT NANO coating.



PR1225 MEGACOAT

Stainless Steel Machining

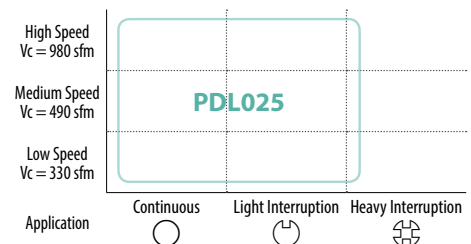
The high bonding strength of MEGACOAT technology provides the coating stability required for stainless steel machining.



PDL025 DLC Coating

Non-ferrous Machining

Achieves long tool life with Kyocera's proprietary hydrogen-free DLC coating with hardness close to that of diamond.



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TURNING KITS

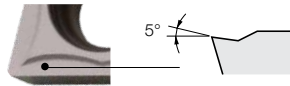
Choose 1 SCLC Holder and 10 CCGT Inserts

Promo Code: **KYO-TURNKIT-17**

GQ Chipbreaker

Finishing-Medium

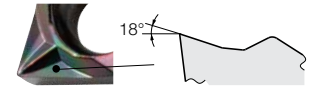
Enables cutting over a wide range of conditions by using the optimum chipbreaker width according to the cutting depth.



SK Chipbreaker

Finishing

Sharp cutting performance due to Large rake angle. Large dot to the corner edge improved chip control in a wide feed rate range.



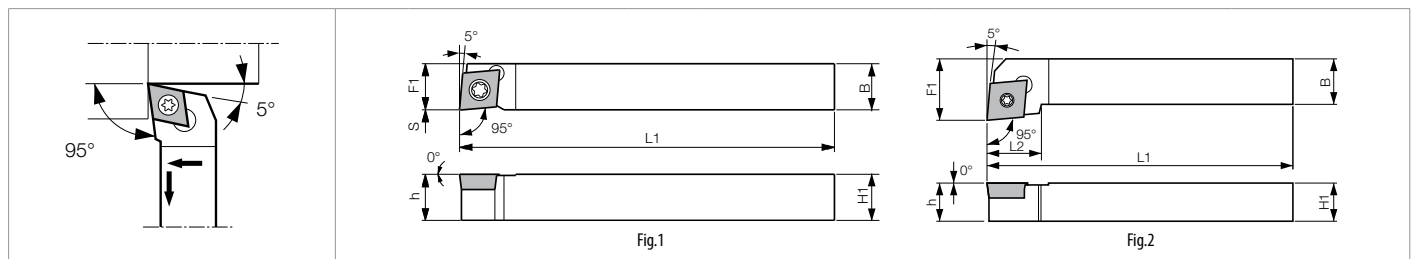
CCGT Inserts

Insert	Part Number	Dimensions (in)					MEGACOAT NANO	DLC Coating
		I.C.	Thickness	Hole	Corner-R (rε)	Relief Angle	PR1425	PDL025
	CCGT 32502MFP-GQ	3/8	5/32	0.173	<0.004	7°	●	
	32505MFP-GQ				<0.008		●	
	3251MFP-GQ				<1/64		●	
	CCGT 32502MFP-SK	3/8	5/32	0.173	<0.004	7°		●
	32505MFP-SK				<0.008			●
	3251MFP-SK				<1/64			●

● : U.S. Stock

Inserts sold in 10 piece boxes

SCLC Toolholders



Toolholder	Dimensions (in)					Corner-R (rε)	Drawing	Spare Parts		Insert Size See Above (Pick 1)	Chipbreaker & Grade See Above (Pick 1)	U.S. Kit Price
	H1=h	B	L1	L2	F1			Insert Screw	Wrench			
SCLC [®] 8-3JXFF	0.500	0.500	4.750	-	0.500	0.008	Fig.1	SB-4085TR	FT-15	CCGT32502 CCGT32505 CCGT3251	MFP-GQ PR1425 Finishing / Medium for Steel & Stainless Steel	\$99.00
SCLC [®] 10-3JXFF	0.625	0.625	4.750	-	0.625	0.008						\$109.00
SCLC [®] 12-3C	0.750	0.750	5.000	0.572	0.875	0.004	Fig.2	SB-4085TR	FT-15		MFP-SK PDL025 Finishing for Non-Ferrous Materials	\$119.00
SCLCR 16-3D	1.000	1.000	6.000	0.790	1.250	0.008						\$149.00

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TURNING KITS

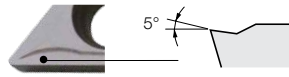
Choose 1 SDJC Holder and 10 DCGT Inserts

Promo Code: **KYO-TURNKIT-17**

GQ Chipbreaker

Finishing-Medium

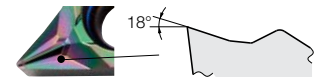
Enables cutting over a wide range of conditions by using the optimum chipbreaker width according to the cutting depth.



SK Chipbreaker

Finishing

Sharp cutting performance due to Large rake angle. Large dot to the corner edge improved chip control in a wide feed rate range.



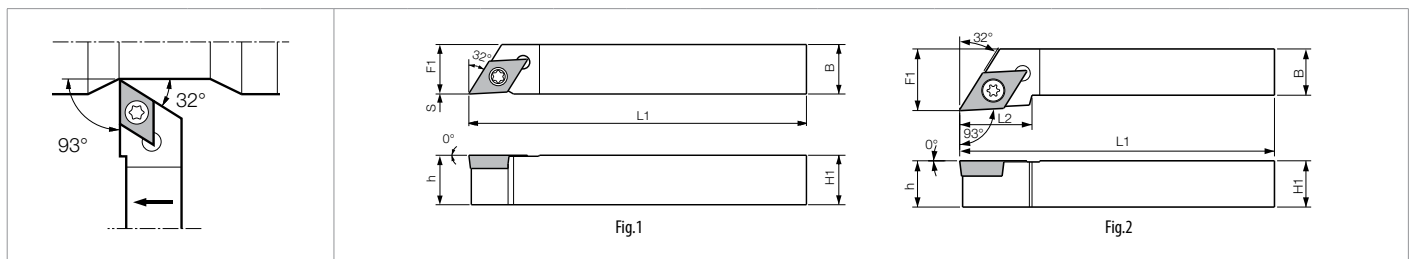
DCGT Inserts

Insert	Part Number	Dimensions (in)					MEGACOAT NANO	DLC Coating
		I.C.	Thickness	Hole	Corner-R (rc)	Relief Angle	PR1425	PDL025
	DCGT 32502MFP-GQ	3/8	5/32	0.173	<0.004	7°	●	
	32505MFP-GQ				<0.008		●	
	3251MFP-GQ				<1/64		●	
	DCGT 32502MFP-SK	3/8	5/32	0.173	<0.004	7°		●
	32505MFP-SK				<0.008			●
	3251MFP-SK				<1/64			●

● : U.S. Stock

Inserts sold in 10 piece boxes

SDJC Toolholders



Toolholder	Dimensions (in)					Corner-R (rc)	Drawing	Spare Parts		Insert Size See Above (Pick 1)	Chipbreaker & Grade See Above (Pick 1)	U.S. Kit Price
	H1=h	B	L1	L2	F1			Insert Screw	Wrench			
SDJC[®]/L 8-3JXFF	0.500	0.500	4.750	-	0.500	0.008	Fig.1	SB-408STR	FT-15	DCGT32502 DCGT32505 DCGT3251	MFP-GQ PR1425 Finishing / Medium for Steel & Stainless Steel	\$119.00
SDJC[®]/L 10-3JXFF	0.625	0.625	4.750	-	0.625	0.008						\$129.00
SDJC[®]/L 12-3C	0.750	0.750	5.000	0.709	0.875	0.004	Fig.2	SB-408STR	FT-15		MFP-SK PDL025 Finishing for Non-Ferrous Materials	\$139.00
SDJCR 16-3D	1.000	1.000	6.000	0.810	1.250	0.008					\$159.00	

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TURNING KITS

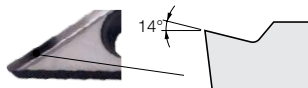
Choose 1 SVJB Holder and 10 VBGT Inserts

Promo Code: **KYO-TURNKIT-17**

Y Chipbreaker

Finishing-Medium

Sharp cutting performance and good surface finish.



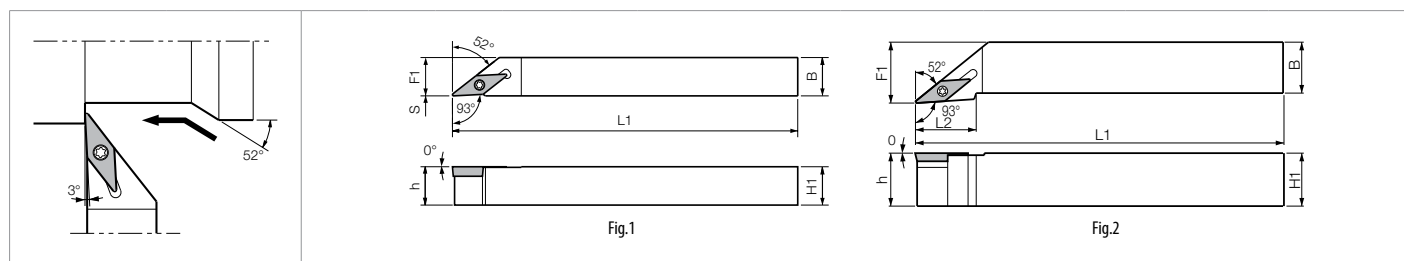
VBGT Inserts

Insert	Part Number	Dimensions (in)					MEGACOAT
		I.C.	Thickness	Hole	Corner-R (rε)	Relief Angle	PR1225
	VBGT 22013M% -Y	1/4	1/8	0.110	<0.002	5°	●
	2202M% -Y				<0.004		●
	2205M% -Y				<0.008		●
	221M% -Y				<1/64		●
	222M% -Y				<1/32		●
	VBGT 3305M% -Y	3/8	3/16	0.173	<0.008	5°	●
	331M% -Y				<1/64		●
	332M% -Y				<1/32		●

● : U.S. Stock

SVJB Toolholders

Inserts sold in 10 piece boxes



Toolholder	Dimensions (in)					Corner-R (rε)	Drawing	Spare Parts		Insert Size See Above (Pick 1)	Chipbreaker See Above	Grade See Above	U.S. Kit Price
	H1=h	B	L1	L2	F1			Insert Screw	Wrench				
SVJB% 8-2JXFF	0.500	0.500	4.750	-	0.500	1/64	Fig.1	SB-4085TR	FT-8	VBGT22013M% VBGT2202M% VBGT2205M% VBGT221M% VBGT222M%	-Y Finishing / Medium	PR1225 for Steel & Stainless Steel	\$129.00
SVJB% 10-2JXFF	0.625	0.625	4.750	-	0.625	1/64							\$139.00
SVJB% 12-3C	0.750	0.750	5.000	1.220	0.875	1/32	Fig.2	SB-4085TR	T-15				\$169.00
SVJBR 16-3D	1.000	1.000	6.000	1.250	1.250	1/32							\$179.00

KYOCERA Precision Tools, Inc.

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Official Website | www.kyoceraprecisiontools.com



GBA Grooving System

Economical Grooving with 3 Cutting Edges per Insert

- Megacoat PR1215 inserts for consistently long tool life
- GBA-MY molded chipbreaker produces smooth chip evacuation
- Pin-lock Design eliminates top clamp and improves chip evacuation



**Buy 10 GBA Inserts,
Get 1 Toolholder FREE**

Promo Code: **KYO-GBA-FREE**

KGBA Toolholders

Toolholder		Shank Size (Square)	Overall Length	Insert Part Numbers Pick up to 2 Insert Sizes (See Next Page for Inserts)	Applicable Groove Width	Insert Grades (Pick 1)	Required Insert Purchase
	KGBAR 12-3	0.75" Square	5.00"	GBA32R000N	0.031" ~ 0.094"	PR1215 MEGACOAT Carbide for Steel, Stainless & Exotic Metals	10
	KGBAL 12-3	0.75" Square		GBA32L000N			10
	KGBAR 16-3	1.00" Square	6.00"	GBA32R000N			10
	KGBAL 16-3	1.00" Square		GBA32L000N			10
	KGBAR 12-4-15	0.75" Square	5.00"	GBA43R000(MY)N	0.031" ~ 0.088"		10
	KGBAL 12-4-15	0.75" Square		GBA43L000(MY)N			10
	KGBAR 12-4-25	0.75" Square	5.00"	GBA43R000(MY)N	0.094" ~ 0.125"		10
	KGBAL 12-4-25	0.75" Square		GBA43L000(MY)N			10
	KGBAR 12-4-35	0.75" Square	5.00"	GBA43R000(MY)N	0.141" ~ 0.188"		10
	KGBAL 12-4-35	0.75" Square		GBA43L000(MY)N			10
	KGBAR 16-4-15	1.00" Square	6.00"	GBA43R000(MY)N	0.031" ~ 0.088"		10
	KGBAL 16-4-15	1.00" Square		GBA43L000(MY)N			10
	KGBAR 16-4-25	1.00" Square	6.00"	GBA43R000(MY)N	0.094" ~ 0.125"		10
	KGBAL 16-4-25	1.00" Square		GBA43L000(MY)N			10
KGBAR 16-4-35	1.00" Square	6.00"	GBA43R000(MY)N	0.141" ~ 0.188"	10		
KGBAL 16-4-35	1.00" Square		GBA43L000(MY)N		10		
	KIGBAR 16-3	1.00" Round	9.00"	GBA32L000N	0.031" ~ 0.094"	PV7040 MEGACOAT Cermet for Steel & Cast Iron	10
	KIGBAL 16-3	1.00" Round		GBA32R000N			10
	KIGBAR 20-4	1.25" Round	10.00"	GBA43L000(MY)N	0.031" ~ 0.188"		10
	KIGBAL 20-4	1.25" Round		GBA43R000(MY)N			10

* Inserts sold in 5-piece packs. Not all 10 inserts need to be identical. Required insert purchase can be mixed-and-matched.

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PR1215 PVD MEGACOAT

- Micro-grain carbide substrate provides a highly reliable and long lasting grooving insert
- Superior hardness and oxidation resistance provide stable tool life at high speeds
- Allows for light grooving of both steel and stainless steel



GBA-MY

The MY Molded Chipbreaker produces manageable curled chips for smooth chip evacuation

Buy 10 GBA Inserts, Get 1 Toolholder FREE

Promo Code: **KYO-GBA-FREE**

GBA Inserts											
Usage Classification		P	Carbon Steel / Alloy Steel					●	●	Applicable External Toolholder	Applicable Internal Toolholder
● : Light Interruption / 1st Choice ● : Continuous / 1st Choice		M	Stainless Steel					●			
		K	Cast Iron								
		N	Non-ferrous Metals								
		S	Titanium Alloy (Ti-6Al-4V)					●			
		H	Hard Materials (≤40HRC)					●			
Insert	Part Number	Dimensions (in)						MEGACOAT Carbide	MEGACOAT Cermet		
		A	T	Ød	W	B	rε	PR1215	PV7040		
	GBA32% 031N	0.375	0.125	0.173	0.031	0.079	0.002	●		KGBA % 12-3 KGBA % 16-3	KIGBA % 16-3
	041N				0.041	0.079	0.002	●	●		
	047N				0.047	0.079	0.008	●	●		
	058N				0.058	0.079	0.008	●	●		
	062N				0.062	0.079	0.008	●	●		
	078N				0.078	0.098	0.008	●	●		
	094N				0.094	0.098	0.008	●	●		
	GBA43% 031N	0.500	0.187	0.217	0.031	0.079	0.008	●	●	KGBA % 12-4-15 KGBA % 16-4-15	KIGBA % 20-4
	047N				0.047	0.079	0.008	●			
	062N				0.062	0.138	0.008	●	●		
	072N				0.072	0.138	0.008	●	●		
	078N				0.078	0.138	0.008	●			
	088N				0.088	0.138	0.008	●	●		
094N	0.094				0.157	0.012	●	●			
097N	0.097				0.157	0.012	●	●			
105N	0.105				0.157	0.012	●				
110N	0.11				0.157	0.012		●			
125N	0.125				0.157	0.012					
141N	0.141				0.197	0.012	●				
142N	0.142				0.197	0.012	●				
156N	0.156				0.197	0.016	●				
172N	0.172				0.197	0.016	●				
178N	0.178				0.197	0.016	●				
188N	0.188	0.197	0.016	●							
	GBA43% 078MYN	0.375	0.125	0.173	0.078	0.138	0.008	●		KGBA % 12-4-15 KGBA % 16-4-15	KIGBA % 20-4
	094MYN				0.094	0.157	0.012	●		KGBA % 12-4-25 KGBA % 16-4-25	
	125MYN				0.125	0.157	0.012	●			
	156MYN				0.156	0.197	0.016	●			

• Dimension B shows available grooving depth

● : U.S. Stock ● : U.S. Stock (R-hand Only) ● : U.S. Stock (L-hand Only)

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