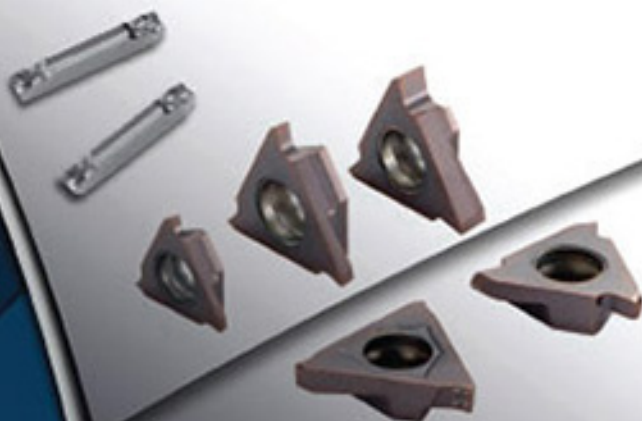




Grooving

Cut-Off &
Threading

Kit Sale



Featuring an Expanded Lineup of

KGD, KGBA & KTKF

Toolholders and **MEGACOAT** Coated Inserts

NEW

KGD for Small Parts Machining

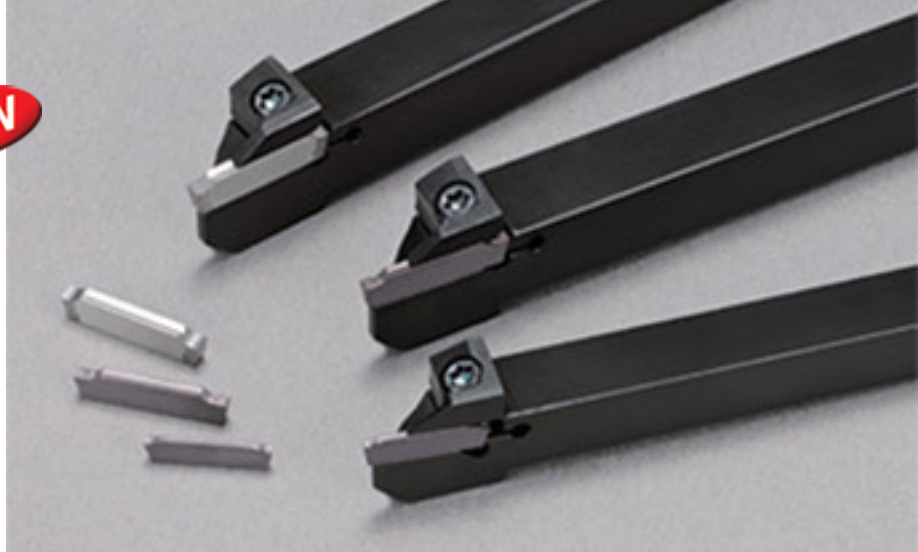


KGD for Small Parts Machining

NEW

- Excellent chip control due to the new PF & PQ Chipbreakers

- Improved insert clamping force generated by an innovative toolholder design



KGD for Small Parts Machining Kits

Choose (1) Holder and (10) Inserts for the Kit Price

◆ KGD for Small Parts Machining Kits

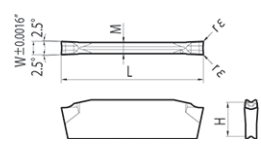
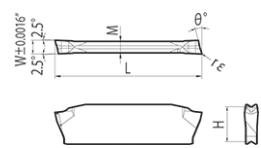
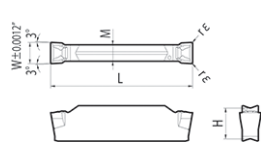
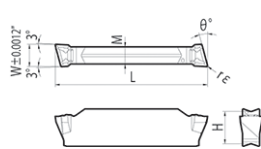
Cutter (Pick 1)	Shank Size	Overall Length	MAX Cut-Off Dia.	Insert (Pick 1) (See Chart on next page for Insert Description)	Insert Width	Insert Grade	Qty of Inserts in Kit	Kit Price			
KGDR6-1.5JX	0.375"	4.75"	0.787" (20mm)	GDM1516N-003PF GDM1516R-003PF-15D GDML1516L-003PF-15D	GDM1516... 0.059" (1.5mm)	PR1225 MEGACOAT Carbide for Steel, Stainless & Exotic Metals	10	\$159.00			
KGDL6-1.5JX			10				\$159.00				
KGDR8-1.5JX	0.500"		0.944" (24mm)				10	\$159.00			
KGDL8-1.5JX			10				\$159.00				
KGDR6-2JX	0.375"	4.75"	0.787" (20mm)	GDM2020N-003PF GDM2020R-003PF-15D GDM2020L-003PF-15D GDM2020N-010PQ GDM2020R-010PQ-15D	GDM2020... 0.079" (2mm)		10	\$159.00			
KGDL6-2JX			10				\$159.00				
KGDR8-2JX	0.500"		0.944" (24mm)				10	\$159.00			
KGDL8-2JX			10				\$159.00				
KGDR10-2JX	0.625"	4.75"	1.259" (32mm)				10	\$159.00			
KGDL10-2JX			10				\$159.00				
KGDR6-2.4JX	0.375"		4.75"				0.787" (20mm)	GDM2520N-003PF GDM2520R-003PF-15D GDM2520L-003PF-15D GDM2520N-010PQ GDM2520R-010PQ-15D	GDM2520... 0.098" (2.5mm)	10	\$159.00
KGDL6-2.4JX							10			\$159.00	
KGDR8-2.4JX	0.500"	0.944" (24mm)		10	\$159.00						
KGDL8-2.4JX		10		\$159.00							
KGDR10-2.4JX	0.625"	4.75"	1.259" (32mm)				10	\$159.00			
KGDL10-2.4JX			10				\$159.00				
KGDR8-3JX	0.500"		4.75"				0.944" (24mm)	GDM3020N-003PF GDM3020R-003PF-15D GDM3020L-003PF-15D GDM3020N-010PQ	GDM3020... 0.118" (3mm)	10	\$159.00
KGDL8-3JX							10			\$159.00	
KGDR10-3JX	0.625"	1.259" (32mm)		10	\$164.00						
KGDL10-3JX		10		\$164.00							

BONUS OFFER!

Take **30% OFF** All GDM-style Inserts in MEGACOAT Grades PR1225 with the Purchase of a KGD Kit!

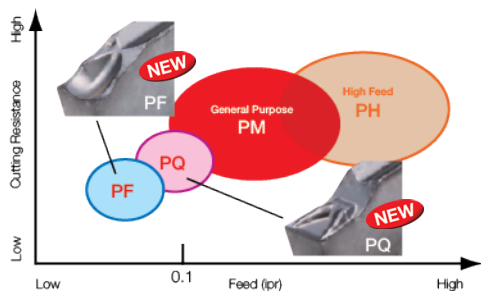


◆ GDM-Style Inserts for KGD Small Parts Machining

Shape			Description	Dimension (inch)					Angle	MEGACOAT		
				W			rε	M	L	H	θ	PR1225
				in	mm	Tolerance						
Cut-Off for Small Parts Machining	 Low Feed 2-edge		GDM 1516N-003PF	0.059	1.5	±0.0016	0.0012	0.049	0.630	0.146	-	●
			2020N-003PF	0.079	2.0			0.067	0.787	0.169		●
			2520N-003PF	0.098	2.5			0.083				●
			3020N-003PF	0.118	3.0			0.091				●
	 15° Lead Angle Low Feed / 2-edge		GDM 1516 ^{RL} -003PF-15D	0.059	1.5	±0.0016	0.0012	0.049	0.630	0.146	15°	●
			2020 ^{RL} -003PF-15D	0.079	2.0			0.067	0.787	0.169		●
			2520 ^{RL} -003PF-15D	0.098	2.5			0.083				●
			3020 ^{RL} -003PF-15D	0.118	3.0			0.091				●
	 Medium Feed 2-edge		GDM 2020N-010PQ	0.079	2.0	±0.0012	0.004	0.067	0.787	0.169	-	●
			2520N-010PQ	0.098	2.5			0.083				●
			3020N-010PQ	0.118	3.0			0.091				●
	 15° Lead Angle Medium Feed / 2-edge		GDM 2020R-010PQ-15D	0.079	2.0	±0.0012	0.002	0.067	0.787	0.169	15°	●
			2520N-010PQ-15D	0.098	2.5			0.083				●

● : Standard Stock

● Cut-Off Application Map



Small Parts Machining

General Cut-off

PF



NEW

General Cut-off

PQ



NEW

Kyocera Grooving, Cut-Off & Threading Kit Sale

Offer valid through December 31st, 2013 • Kits available through authorized Kyocera Distributors • All items subject to availability • Kit prices valid in U.S. Only

KGD

Cut-Off

- Smooth chip control with high-precision edge preparation
- MEGACOAT for long tool life and high-efficiency machining



KGD Cut-Off Kits

Choose (1) Holder and (10) Inserts for the Kit Price

◆ KGD Grooving Kits

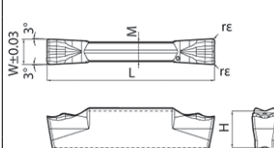
Cutter (Pick 1)	Shank Size	Overall Length	Cut-Off Depth	Insert (Pick 1) (See chart on next page for insert description)	Insert Width	Insert Grade	Qty of Inserts in Kit	Kit Price	
KGDR12X2T17S	0.75"	4.80"	0.669" (17mm)	GDM2020N020PM or GDM2520N020PM	GDM2020... 0.079" (2mm)	PR1225 MEGACOAT Carbide for Steel, Stainless & Exotic Metals	10	\$159.00	
KGDL12X2T17S							10	\$159.00	
KGDR16X2T17S	1.00"	5.78"		GDM2520... 0.098" (2.5mm)	10		\$179.00		
KGDL16X2T17S					10		\$179.00		
KGDR12X3T20S	0.75"	4.92"	0.787" (20mm)	GDM3020N025PM	0.118" (3mm)		10	\$169.00	
KGDL12X3T20S								10	\$169.00
KGDR16X3T20S	1.00"	5.90"						10	\$179.00
KGDL16X3T20S								10	\$179.00
KGDR12X4T20S	0.75"	4.92"		GDM4020N030PM	0.157" (4mm)			10	\$179.00
KGDL12X4T20S								10	\$179.00
KGDR16X4T20S	1.00"	5.90"						10	\$189.00
KGDL16X4T20S								10	\$189.00

BONUS OFFER!

Take **30% OFF** All GDM-style Inserts in MEGACOAT Grades PR1225
with the Purchase of a KGD Kit!



◆ GDM-Style Inserts for Cut-Off

Shape			Description	Dimension (inch)						Angle	MEGACOAT	
				W			r	M	L	H	θ	PR1225
				in	mm	Tolerance						
Cut-off			GDM 2020N-020PM	0.079	2.0	±0.0012	0.008	0.06	0.787	0.169	-	●
			2520N-020PM	0.098	2.5		0.008	0.077				●
			3020N-025PM	0.118	3.0		0.01	0.091				●
			4020N-030PM	0.157	4.0		0.012	0.13				●
2-edge												

● : Standard Stock

GBA

Grooving System

- Inserts feature three cutting edges per insert providing improved cost efficiency
- “MY” Molded chipbreaker produces manageable curled chips for smooth chip evacuation



GBA Grooving System Kits

Choose (1) Holder and (5) Inserts for the Kit Price

New!
5-Piece Insert Packs!

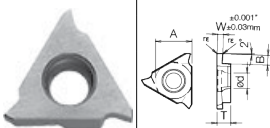
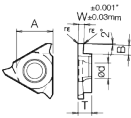
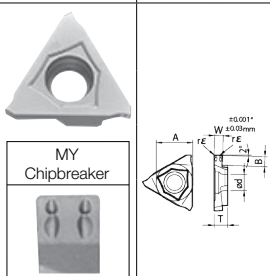
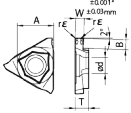
◆ GBA Grooving Kits

Holder (Pick 1)	Shank Size	Overall Length	Insert (Pick 1) (See Page 7 for complete list of inserts)	Applicable Groove Width	Insert Grade (Pick 1)	Qty of Inserts in Kit	Kit Price	
KGBAR 12-3	0.75" Square	5.00"	GBA32R○○○N	0.031" ~ 0.094"	PR1215 MEGACOAT Carbide for Steel, Stainless & Exotic Metals	5	\$119.00	
KGBAL 12-3			GBA32L○○○N			5	\$119.00	
KGBAR 16-3	1.00" Square	6.00"	GBA32R○○○N			5	\$129.00	
KGBAL 16-3			GBA32L○○○N			5	\$129.00	
KGBAR 12-4-15	0.75" Square	5.00"	GBA43R○○○(MY)N	0.031" ~ 0.088"		5	\$134.00	
KGBAL 12-4-15			GBA43L○○○(MY)N			5	\$134.00	
KGBAR 12-4-25	0.75" Square	5.00"	GBA43R○○○(MY)N	0.094" ~ 0.125"		5	\$134.00	
KGBAL 12-4-25			GBA43L○○○(MY)N			5	\$134.00	
KGBAR 12-4-35	0.75" Square	5.00"	GBA43R○○○(MY)N	0.141" ~0.188"		5	\$134.00	
KGBAL 12-4-35			GBA43L○○○(MY)N			5	\$134.00	
KGBAR 16-4-15	1.00" Square	6.00"	GBA43R○○○(MY)N	0.031" ~ 0.088"		PV7040 MEGACOAT Cermet for Steel & Cast Iron	5	\$139.00
KGBAL 16-4-15			GBA43L○○○(MY)N				5	\$139.00
KGBAR 16-4-25	1.00" Square	6.00"	GBA43R○○○(MY)N	0.094" ~ 0.125"			5	\$139.00
KGBAL 16-4-25			GBA43L○○○(MY)N				5	\$139.00
KGBAR 16-4-35	1.00" Square	6.00"	GBA43R○○○(MY)N	0.141" ~ 0.188"			5	\$139.00
KGBAL 16-4-35			GBA43L○○○(MY)N				5	\$139.00
KIGBAR 16-3	1.00" Round	9"	GBA32L○○○N	0.031" ~ 0.094"	5		\$169.00	
KIGBAL 16-3			GBA32R○○○N		5		\$169.00	
KIGBAR 20-4	1.25" Round	10"	GBA43L○○○(MY)N	0.031" ~ 0.188"	5		\$199.00	
KIGBAL 20-4			GBA43R○○○(MY)N		5		\$199.00	

BONUS OFFER!

Take **30% OFF** All GBA-style Inserts in MEGACOAT Grades PR1215 & PV7040
with the Purchase of a KGBA Kit!

GBA32 & 43-Style Inserts for Grooving

GBA32 & 43-Style Inserts for Grooving				(inch)		P Carbon Steel / Alloy Steel		●		Classification of Usage			
						M Stainless Steel		●					
Description	A	T	ød	K Cast Iron		●		●		● : Continuous-Light Int. /1st Choice ● : Continuous / 1st Choice			
				N Non-ferrous Material									
GBA32_	0.375	0.125	0.173	S Titanium Alloy									
GBA43_	0.500	0.187	0.217	H Pre-Heat Treat Steel (<45HRC)		●							
Shape (Right-Handed Insert Shown)		Description	Previous Description	Unit	Dimensions (inch)			MEGACOAT Carbide	MEGACOAT Cermet	Applicable External Toolholder	Applicable Internal Toolholder		
					W	B	re	PR1215	PV7040				
		GBA32 [®] /L	031N	GBA32 [®] /L 02	inch	0.031	0.079	0.002	●	●	KGBA [®] /L 12-3 KGBA [®] /L 16-3	KIGBA [®] /L 16-3	
			041N	-		0.041	0.079	0.002	●	●			
			047N	GBA32 [®] /L 03		0.047	0.079	0.008	●	●			
			058N	-		0.058	0.079	0.008	●	●			
			062N	-		0.062	0.079	0.008	●	●			
			078N	GBA32 [®] /L 05		0.078	0.098	0.008	●	●			
			094N	06		0.094	0.098	0.008	●	●			
		GBA43 [®] /L	031N	-	inch	0.031	0.079	0.008	●	●	KGBA [®] /L 12-4-15 KGBA [®] /L 16-4-15	KIGBA [®] /L 20-4	
			047N	GBA43 [®] /L 03		0.047	0.079	0.008	●	●			
			062N	04		0.062	0.138	0.008	●	●			
			072N	-		0.072	0.138	0.008	●	●			
			078N	GBA43 [®] /L 05		0.078	0.138	0.008	●	●			
			088N	-		0.088	0.138	0.008	●	●	KGBA [®] /L 12-4-25 KGBA [®] /L 16-4-25		
			094N	GBA43 [®] /L 06		0.094	0.157	0.012	●	●			
			097N	-		0.097	0.157	0.012	●	●			
			105N	-		0.105	0.157	0.012	●	●			
			109N	GBA43 [®] /L 07		0.109	0.157	0.012	●		KGBA [®] /L 12-4-35 KGBA [®] /L 16-4-35		
			110N	-		0.110	0.157	0.012	●	●			
			125N	08		0.125	0.157	0.012	●	●			
			141N	09		0.141	0.197	0.012	●				
			142N	-		0.142	0.197	0.012	●	●			
			156N	10		0.156	0.197	0.016	●	●			
			172N	11		0.172	0.197	0.016	●				
			178N	-		0.178	0.197	0.016	●				
			188N	12		0.188	0.197	0.016	●				
		GBA43 [®] /L	078MYN	-	inch	0.078	0.138	0.008	●		KGBA [®] /L 12-4-15 KGBA [®] /L 16-4-15	KIGBA [®] /L 20-4	
			094MYN	-		0.094	0.157	0.012	●		KGBA [®] /L 12-4-25 KGBA [®] /L 16-4-25		
		125MYN	-	0.125		0.157	0.012	●		KGBA [®] /L 12-4-35 KGBA [®] /L 16-4-35			
		156MYN	-	0.156		0.197	0.016	●		KGBA [®] /L 12-4-35 KGBA [®] /L 16-4-35			

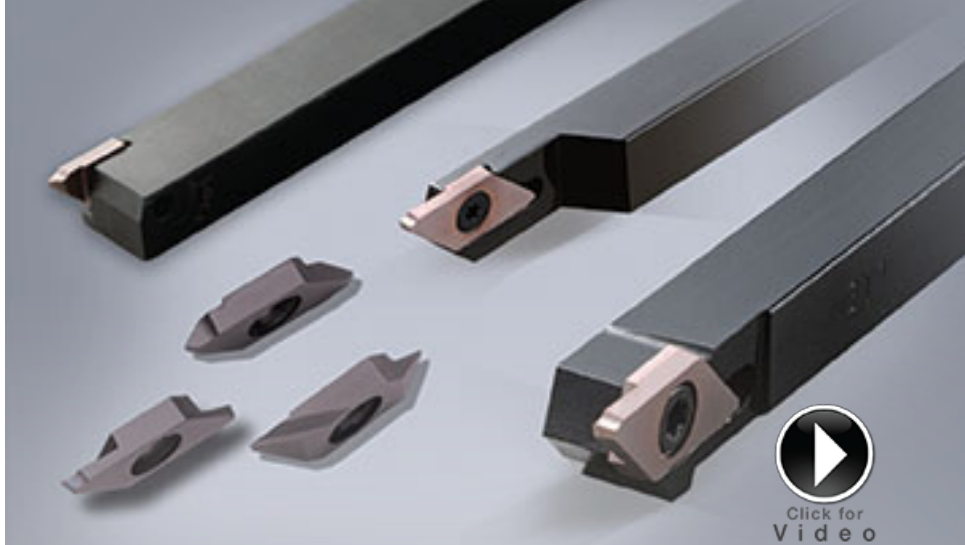
● Dimension B shows available grooving depth.

● : Standard Stock

KTKF

Cut-Off, Threading & Back-Turning

- Multi-Function KTKF holder holds cut-off, back-turning, and threading inserts
- KTKFS micro-diameter cut-off holder for sub-spindle (Page 7)



KTKF(S) Cut-Off, Threading & Back-Turning System

Choose (1) Holder and (10) Inserts for the Kit Price

◆ KTKF Holders for Cut-Off, Threading & Back-Turning

Holder Type	Cutter (Choose 1)	Unit	Holder Height	Holder Width	Applicable Insert Size (See Pg. 9 & 10 for list of available inserts)	Insert Grade	Qty of Inserts in Kit	Kit Price
Inch-Size Standard	KTKF $\frac{1}{2}$ 6-12JX	inch	0.375	0.375	TKF $\frac{1}{2}$ 12... TKFB $\frac{1}{2}$ 12... TKFT $\frac{1}{2}$ 12...	PR1225 MEGACOAT Carbide for Steel, Stainless & Exotic Metals	10	\$199.00
	KTKF $\frac{1}{2}$ 8-12JX		0.500	0.500			10	\$199.00
	KTKF $\frac{1}{2}$ 10-12JX		0.625	0.625			10	\$219.00
	KTKF $\frac{1}{2}$ 6-16JX		0.375	0.375	TKF $\frac{1}{2}$ 16... TKFB $\frac{1}{2}$ 16...		10	\$219.00
	KTKF $\frac{1}{2}$ 8-16JX		0.500	0.500			10	\$219.00
	KTKF $\frac{1}{2}$ 10-16JX		0.625	0.625			10	\$249.00
Inch-Size Gooseneck	KTKFL52-12JX	0.500	0.625	TKFL12... TKFBL12... TKFTL12...	10		\$219.00	
	KTKFL62.5-12JX	0.625	0.750		10		\$219.00	
Metric-Size Standard	KTKF $\frac{1}{2}$ 1010JX-12	mm	10	10	TKF $\frac{1}{2}$ 12... TKFB $\frac{1}{2}$ 12... TKFT $\frac{1}{2}$ 12...	PR1225 MEGACOAT Carbide for Steel, Stainless & Exotic Metals	10	\$199.00
	KTKF $\frac{1}{2}$ 1212JX-12		12	12			10	\$199.00
	KTKF $\frac{1}{2}$ 1616JX-12		16	16			10	\$219.00
	KTKF $\frac{1}{2}$ 1010JX-16		10	10	TKF $\frac{1}{2}$ 16... TKFB $\frac{1}{2}$ 16...		10	\$219.00
	KTKF $\frac{1}{2}$ 1212JX-16		12	12			10	\$219.00
	KTKF $\frac{1}{2}$ 1616JX-16		16	16			10	\$249.00
Metric-Size Gooseneck	KTKFL1216JX-12	12	16	TKFL12... TKFBL12... TKFTL12...	10		\$219.00	
	KTKFL1620JX-12	16	20		10		\$219.00	

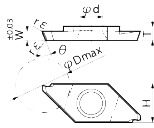
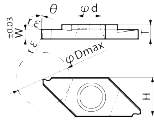
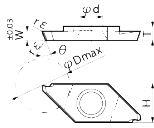
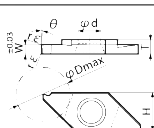
Note: Right-Hand Holders take Right-Hand Inserts; Left-Hand Toolholders take Left-Hand Inserts
For example, KTKF $\frac{1}{2}$... holder takes a TKF12 $\frac{1}{2}$... insert & KTKFL... holder takes a TKF12 $\frac{1}{2}$... insert

BONUS OFFER!

Take **30% OFF** All TKF-style Inserts in MEGACOAT Grades PR1225 & PR1425 with the Purchase of a KTKF Kit!

TKF12-style Inserts for Cut-Off

- Dimension T shows the distance from the Toolholder to the cutting edge.
- Cutting diameters of -12 type toolholders (ØDmax) are different depending on the insert grooving width.

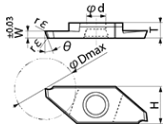
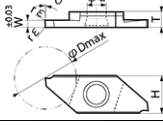
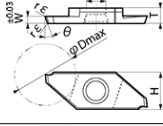
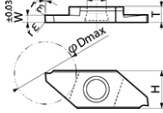
Shape (Handed Insert Shows R-hand)		Description	Dimension (mm)						(°) Angle	MEGACOAT		Applicable Toolholders	
			W	ØD max	rε	T	H	Ød	θ	PR1225			
										R	L		
 Right lead angle		TKF12 ^{R/L} 050-S-16DR	0.5	5	0.03	3	8.7	5	16°	●	●	KTKF ^{R/L} ...12	
		070-S-16DR	0.7	8						●	●		
		100-S-16DR	1.0	12						●	●		
		125-S-16DR	1.25							●	●		
		150-S-16DR	1.5							●	●		
		200-S-16DR	2.0							●	●		
 Neutral		TKF12 ^{R/L} 050-S	0.5	5	0.03	3	8.7	5	0°	●	●		
		070-S	0.7	8						●	●		
		100-S	1.0	12						●	●		
		125-S	1.25							●	●		
		150-S	1.5							●	●		
		200-S	2.0							●	●		
 Right lead angle - Tough Edge		TKF12 ^{R/L} 100-T-16DR	1.0	12	0.08	3	8.7	5	16°	●	●		KTKF ^{R/L} ...12
		150-T-16DR	1.5							●	●		
		200-T-16DR	2.0							●	●		
 Neutral - Tough Edge		TKF12 ^{R/L} 100-T	1.0	12	0.08	3	8.7	5	0°	●	●		
		150-T	1.5							●	●		
		200-T	2.0							●	●		

• Lead angle (front cutting edge angle: θ) indicates the angle when placed in the toolholder.

● : Standard Stock

TKF16-style Inserts for Cut-Off

- Dimension T shows the distance from the Toolholder to the cutting edge.
- Cutting diameters of -12 type toolholders (ØDmax) are different depending on the insert grooving width.

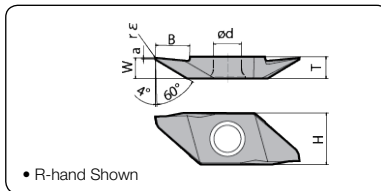
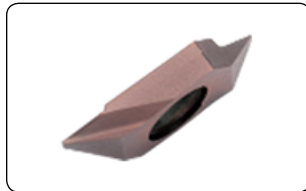
Shape (Handed Insert Shows R-hand)		Description	Dimension (mm)						(°) Angle	MEGACOAT		Applicable Toolholders
			W	ØD max	rε	T	H	Ød	θ	PR1225		
										R	L	
 Right lead angle		TKF16% 150-S-16DR	1.5	16	0.05	4	9.5	5	16°	●	●	KTKF%...16
	200-S-16DR	2.0	●									
 Neutral		TKF16% 150-S	1.5	16	0.05	4	9.5	5	0°	●	●	
	200-S	2.0	●									
 Right lead angle Tough Edge		TKF16% 150-T-16DR	1.5	16	0.08	4	9.5	5	16°	●	●	
	200-T-16DR	2.0	●									
 Tough Edge		TKF16% 150-T	1.5	16	0.08	4	9.5	5	0°	●	●	
	200-T	2.0	●									

• Lead angle (front cutting edge angle: θ) indicates the angle when placed in the toolholder.

● : Standard Stock

KTKF Continued...

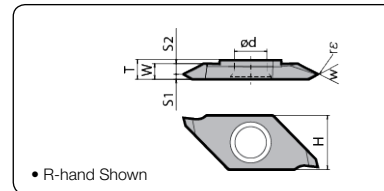
◆ TKFB-style Inserts for Back-Turning



Description	Dimension (mm)							MEGACOAT PR1225	Applicable Toolholders
	W	a	B	rε	T	H	Ød		
TKFB 12R15005M	1.5	0.25	2.6	<0.05				●	KTKFR ...12
12R28005M				<0.05	3.0	8.7	5.2	●	
12R28010M	2.8	0.3	4.6	<0.1				●	
TKFB 16R38005M				<0.05				●	KTKFR ...16
16R38010M	3.8	0.3	6.3	<0.1	4.0	9.5	5.2	●	
TKFB 12L28005MR				<0.05				●	KTKFL ...12
12L28010MR	2.8	0.3	4.6	<0.1	3.0	8.7	5.2	●	
TKFB 16L38005MR				<0.05				●	KTKFL ...16
16L38010MR	3.8	0.3	6.3	<0.1	4.0	9.5	5.2	●	

Inserts with corner R(ε) dimension expressed in less than sign (e.g., <0.05, <0.1, <0.2, etc.) indicate models with minus tolerance for corner R (ε).

◆ TKFT-style Inserts for Threading



Description	Applicable Thread	Pitch		Dimension (mm)			(°) Angle	MEGA COAT PR1225	Applicable Toolholders
		mm	ipt	rε	S1	S2			
TKFT 12RA6000	M UN	0.2~0.6	64~48	Max 0.05 Flat	0.4	2.1	60°	●	KTKFR ...12
12RB6000					2.1	0.4		●	
12RA60005		0.5~1.25	48~24	0.05	0.8	1.7		●	
12RB60005					1.7	0.8		●	
12RN6001		1~1.5	24~18	0.1	1.25	1.25		●	
12RA55005	G,R W	-	40~16	0.05	0.8	1.7	55°	●	
12RB55005					1.7	0.8		●	
TKFT 12LA6000	M UN	0.2~0.6	64~48	Max 0.05 Flat	2.1	0.4	60°	●	KTKFL ...12
12LB6000					0.4	2.1		●	
12LA60005		0.5~1.25	48~24	0.05	1.7	0.8		●	
12LB60005					0.8	1.7		●	
12LN6001		1~1.5	24~18	0.1	1.25	1.25		●	
12LA55005	G,R W	-	40~16	0.05	1.7	0.8	55°	●	
12LB55005					0.8	1.7		●	

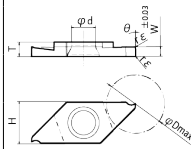
● : Standard Stock

◆ KTKFS Holders for Sub-Spindle Cut-Off

Holder Type	Cutter (Choose 1)	Unit	Holder Height	Holder Width	Applicable Insert Size (See chart below for list of available inserts)	Insert Grade	Qty of Inserts in Kit	Kit Price
Inch-Size Standard	KTKFS [®] 6-12JX	inch	0.375	0.375	TKFS [®] 12...	PR1225 MEGACOAT Carbide for Steel, Stainless & Exotic Metals	10	\$199.00
	KTKFS [®] 8-12JX		0.500	0.500			10	\$199.00
	KTKFS [®] 6-16JX		0.375	0.375	TKFS [®] 16...		10	\$229.00
	KTKFS [®] 8-16JX		0.500	0.500			10	\$229.00
Metric-Size Standard	KTKFS [®] 1010K-12A	mm	10	10	TKFS [®] 12...		10	\$199.00
	KTKFS [®] 1212F-12A		12	12			10	\$199.00
	KTKFS [®] 1212K-12B		12	12			10	\$199.00
	KTKFS [®] 1010K-16A		10	10	TKFS [®] 16...		10	\$229.00
	KTKFS [®] 1212F-16A		12	12			10	\$229.00
	KTKFS [®] 1212K-16B		12	12			10	\$229.00

Note: Right-Hand Holders take Right-Hand Inserts; Left-Hand Holders take Left-Hand Inserts
For example, KTKFR... holder takes a TKF12R... insert & KTKFL... holder takes a TKF12L... insert

◆ KTFS 12- & 16-style Inserts for Sub-Spindle Cut-Off

Shape L-hand Insert Shown		Description	Dimension (mm)						(°) Angle	MEGACOAT		Applicable Toolholders
			W	øD max	rε	T	H	ød	θ	PR1225		
										R	L	
		TKFS12 [®] 100-S	1.0	6	0.05	2.2	8.7	4.4	0°			KTKFS [®] / ...12
		150-S	1.5	9								
		200-S	2.0	12								
		TKFS16 [®] 150-S	1.5	14	0.05	2.2	9.5	4.4	0°			KTKFS [®] / ...16
		200-S	2.0	16								

- ØD max indicates the cutting diameter of inserts where the top of the cutting edge progresses 1mm beyond the center.
- Lead angle (front cutting edge angle: θ) indicates the angle when placed in a toolholder.

● : Standard Stock



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