



2025 FALL

PROMO PACK

MILLING | CUT-OFF



Offers valid through
October 31, 2025



TRUSTED PRECISION RELIABLE PERFORMANCE

At KYOCERA Precision Tools, we're passionate about revolutionary cutting tool technology. We design and develop advanced indexable cutting tools that not only meet but exceed quality expectations, all while delivering the cost-efficiency that today's metalworking professionals need to stay competitive.

Though ceramic technologies were the nucleus of the original business model, we've evolved over the years to become a global leader in the metal removal industry. Our expertise extends across a wide range of materials, including carbide, cermet, CBN, and PCD, allowing us to provide innovative solutions for every machining challenge.

For more than 40 years, we've been dedicated to creating some of the most reliable and cutting-edge indexable tooling solutions in the industry. From our **MEC Ultra-Hurricane 90° Milling Cutters** and **MFH-RAPTOR High-Feed Milling Cutters** to the groundbreaking **DRZ & DRV Magic Drills** and the industry-first **CCX CVD Coated Cermet**, we take pride in delivering tools that empower machinists to do more.



Turning & Boring



Holemaking



Indexable Milling



Small Tools for
Swiss Lathes



Quick-Change Tooling &
Specialty Tools



Grooving & Cut-Off
Solutions

Milling Solutions

Page 4

FREE Cutter Body with Purchase of 10 Inserts

MA90 Series

Multi-Functional 90° Milling with Tangential Inserts
Cutting Diameters 0.625" - 3.000"



Cut-Off Solutions

Page 8

FREE Holder with Purchase of 10 Inserts

KGZ Series

Cut-Off System for Small Parts Machining



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Need assistance from your local sales engineer?

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FREE

MA90 Cutter Body
with the purchase of **10 inserts**

Promo Code: **MA9010**



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Product
Brochure



Watch
Video

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MA90 Milling

Tangential 90° Milling with 4-Edge Inserts

Unique tangential 90° end mill design provides a large variety of machining operations

Newly designed inserts with grade PR18 series coating technology

High quality surface finish and excellent wall accuracy

Supports multi-functional machining



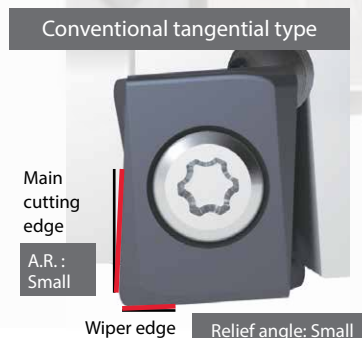
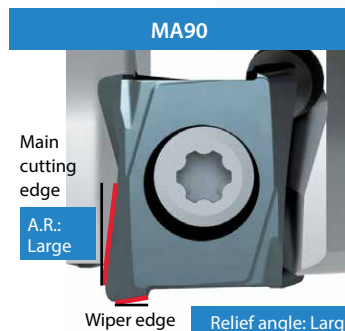
MILLING

CUT-OFF



Engineered for performance, the optimized insert shape ensures consistent quality and extended tool life.

The large A.R. and relief angle of wiper edge create lower resistance and excellent surface finish.



Special wiper edge

Large relief angle: Excellent surface finish and wear suppression

Stepped corners: Designed to prevent pocket damage

KYOCERA Precision Tools

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Available Cutter Bodies

MA90 (End Mills) [LOGU09 / LOGU12... Inserts]

Image	Shank	Part Number	Std. Item	No. of Inserts	Insert Purchase Requirement	Dimensions (in)				Coolant Hole	Applicable Inserts Page 7	
						Cutting Dia. DC	Shank Dia DCON	Length LF	Max. D.O.C. APMX			Connection Thread CRKS
	Weldon Standard Shank	MA90- 0625W625-09T2C	●	2	10	0.625	0.625	3.000	0.315	-	Yes	LOGU0904...
		0750W750-09T3C	●	3	10	0.750	0.750	3.250				
		1000W100-09T4C	●	4	10	1.000	1.000	3.750				
		1250W100-09T4C	●	4	10	1.250	1.000	4.000				
		1250W100-09T5C	●	5	10	1.250	1.000	4.000				
		1250W125-09T5C	●	5	10	1.250	1.250	4.000				
		1500W125-09T5C	●	5	10	1.500	1.250	4.350				
		1500W125-09T6C	●	6	10	1.500	1.250	4.350				
		MA90- 1000W100-12T2C	●	2	10	1.000	1.000	3.750	0.472	-	Yes	LOGU1206...
		1250W100-12T2C	●	2	10	1.250	1.000	4.000				
		1250W100-12T3C	●	3	10	1.250	1.000	4.000				
		1250W125-12T3C	●	3	10	1.250	1.250	4.000				
		1500W125-12T3C	●	3	10	1.500	1.250	4.350				
		1500W125-12T4C	●	4	10	1.500	1.250	4.350				
	Cylindrical Long Shank	MA90- 0625S625-09T2C	●	2	10	0.625	0.625	3.000	0.315	-	Yes	LOGU0904...
		0750S750-09T3C	●	3	10	0.750	0.750	3.250				
		1000S100-09T4C	●	4	10	1.000	1.000	3.750				
		1250S100-09T5C	●	5	10	1.250	1.000	4.000				
		1500S125-09T5C	●	5	10	1.500	1.250	4.350				
		MA90- 0750S750-09T3CL	●	3	10	0.750	0.750	7.000	0.315	-	Yes	LOGU1206...
		1000S100-09T3CL	●	3	10	1.000	1.000	7.000				
		1500S125-09T3CL	●	3	10	1.500	1.250	9.500				
		MA90- 1000S100-12T2C	●	2	10	1.000	1.000	3.750	0.472	-	Yes	LOGU1206...
		1250S100-12T3C	●	3	10	1.250	1.000	4.000				
		1500S125-12T4C	●	4	10	1.500	1.250	4.350				
		MA90- 1000S100-12T2CL	●	2	10	1.000	1.000	7.000	0.472	-	Yes	LOGU1206...
		1500S125-12T3CL	●	3	10	1.500	1.250	9.500				
			Modular Shank	MA90- 0750M10-09T3C	●	3	10	0.750	0.413	1.181	0.315	M10xP1.50
1000M12-09T4C	●			4	10	1.000	0.492	1.378	M12xP1.75			
1250M16-09T5C	●			5	10	1.250	0.669	1.575	M16xP2.00			
MA90- 1000M12-12T2C	●			2	10	1.000	0.492	1.378	0.472	M12xP1.75	Yes	LOGU1206...
1250M16-12T3C	●			3	10	1.250	0.669	1.575		M16xP2.00		

MA90 (Face Mills) [LOGU09 / LOGU12... Inserts]

Image	Cutter Body Part Number	Std. Item	No. of Inserts	Insert Purchase Requirement	Dimensions (in)		Coolant Hole	Applicable Inserts Page 7
					Cutting Dia. DC	Max. D.O.C. APMX		
	MA90- 1500R-09T5C 1500R-09T6C 2000R-09T6C 2000R-09T7C 2500R-09T7C 2500R-09T9C	● 5	10	1.500	0.315	Yes	LOGU0904...	
		● 6	10					
		● 6	10	2.000				
		● 7	10					
		● 7	10	2.500				
		● 9	10					
	MA90- 1500R-12T3C 1500R-12T4C 2000R-12T4C 2000R-12T6C 2500R-12T6C 2500R-12T8C 3000R-12T8C 3000R-12T10C	● 3	10	1.500	0.472	Yes	LOGU1206...	
		● 4	10					
		● 4	10	2.000				
		● 6	10					
		● 6	10	2.500				
		● 8	10					
		● 8	10	3.000				
		● 10	10					

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Available Inserts

LOGU

Usage Classification		P	Carbon/Alloy Steel					★	☆						Applicable Cutter Body Page 6
			Mold Steel					★	☆						
★: 1st recommendation ☆: 2nd recommendation		M Stainless Steel	Austenitic Stainless Steel						★	☆					
			Martensitic Stainless Steel						☆					★	
			Precipitation Hardened Stainless Steel						★						
		K	Gray Cast Iron							★					
			Nodular Cast Iron							★					
		S	Heat-resistant Alloys						☆					★	
			Titanium Alloy						★						
		H	Hardened Material										★		
Insert		Part Number	No. of Edges	Dimensions (mm)					MEGACOAT NANO EX (PVD Coating)				CVD Coating		
				W1	S	D1	INSL	BS	RE	PR1825	PR1835	PR1810	PR0155	CA6535	
		LOGU 090404ER-GM	4	4.3	6.77	3.33	8.89	1.29	0.4	●	●	●		●	MA90-...-09-...
		090408ER-GM								●	●	●		●	
		090412ER-GM								●	●	●		●	
		090416ER-GM								●	●	●		●	
		LOGU 090404ER-SM	4	4.3	6.77	3.33	8.89	1.29	0.4	●	●			●	
		090408ER-SM								●	●			●	
		090412ER-SM								●	●			●	
		090416ER-SM								●	●			●	
		LOGU 090408ER-GH	4	4.3	6.71	3.33	8.89	0.90	0.8	●	●	●	●		
		LOGU 120604ER-GM	4	6.6	10.10	4.55	13.28	2.50	0.4	●	●	●		●	MA90-...-12-...
		120608ER-GM								●	●	●		●	
		120612ER-GM								●	●	●		●	
		120616ER-GM								●	●	●		●	
		120620ER-GM								●	●	●		●	
		120624ER-GM								●	●	●		●	
		120630ER-GM								●	●	●		●	
		LOGT 120640ER-GM	2	6.6	9.56	4.55	13.28	1.69	4.0	●	●	●		●	
		120650ER-GM								●	●	●		●	
		120660ER-GM								●	●	●		●	
		LOGU 120604ER-SM	4	6.6	10.10	4.55	13.28	2.50	0.4	●	●			●	
		120608ER-SM								●	●			●	
		120612ER-SM								●	●			●	
		120616ER-SM								●	●			●	
		120620ER-SM								●	●			●	
		120624ER-SM								●	●			●	
		120630ER-SM								●	●			●	
		LOGU 120608ER-GH	4	6.6	10.16	4.55	13.25	2.26	0.8	●	●	●	●		

●: Standard Item

Extensive lineup of insert grades covers a variety of machining materials and applications

Workpiece Material	P Steel					M Stainless Steel					K Cast Iron				
ISO	01	10	20	30	40	01	10	20	30	40	01	10	20	30	40
Lineup	1st recommendation					1st recommendation					1st recommendation				
	PR1825					PR1835					PR1810				
	Wet					High-speed machining									
	PR1835					CA6535									
H Hardened material	PR0155 (GH)					S Heat-resistant alloy	CA6535 (PR1835)					Titanium alloy		PR1835	

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FREE

KGZ Cut-Off Holder
with the purchase of **10 GZM inserts**

Promo Code: **KGZ10**



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Brochure**



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Video**

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KGZ Cut-Off

for Small Parts Machining

Stable machining with sturdy clamp design

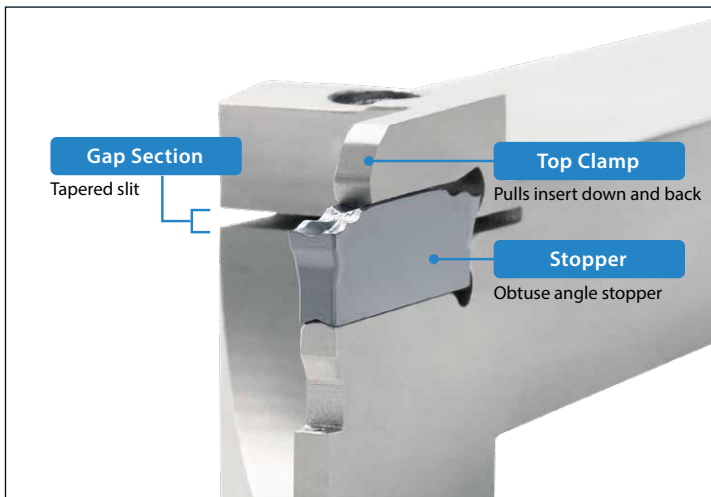
- Greater chatter resistance provides excellent surface finish
- Toolholder durability reduces down-time and cuts cost
- Supports high efficiency machining and reduces cycle time

Easy insert management

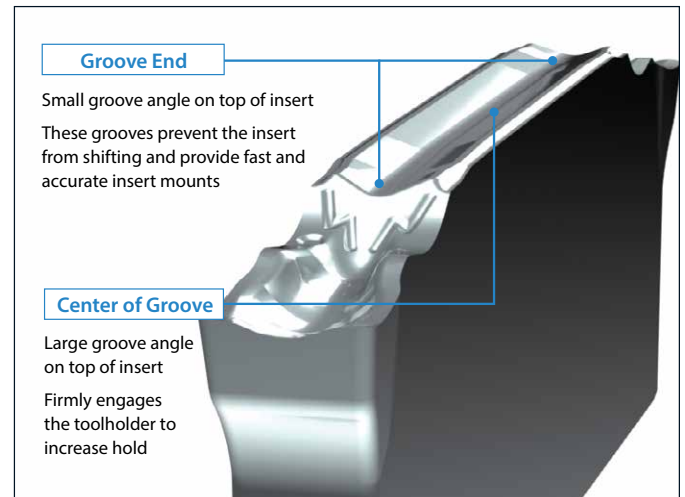
- Fast and secure insert installation
- Inserts are more resistant to wear and reduce the frequency of tool changes



Toolholder Sturdy Clamp Design



Insert Easy Insert Installation



PR20 Series

for Cut-Off and Grooving Solutions

PR2015

1st recommendation for cast iron
Also available for steel and stainless steel

PR2025

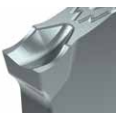
1st recommendation for steel
Also available for stainless steel

PR2035

1st recommendation for stainless steel
Also available for steel

Available Chipbreakers on Promo

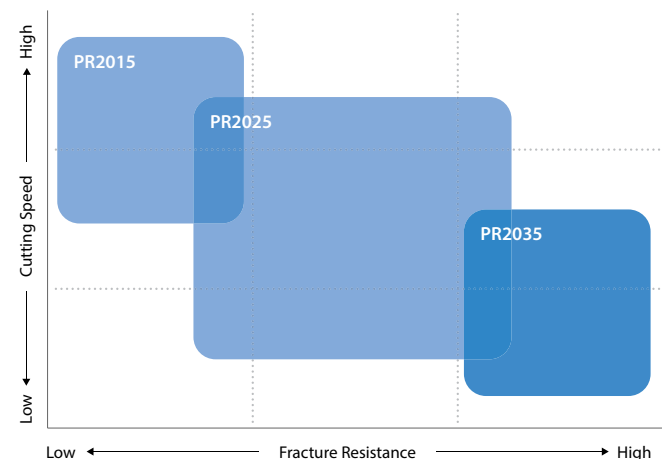
Low Feed
PF



Medium Feed
PM



High Feed
PH



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MILLING

CUT-OFF

Available Toolholders

KGZ Standard Toolholder

Image	Cutting Width (CW)	Toolholder Part Number	Hand	Std. Item	Insert Purchase Requirement	Dimensions (in)		Coolant Holes	Applicable Inserts Page 11
						Shank Size (Square)	Cut-Off Dia. (CUTDIA)		
	0.0591" (1.5mm)	KGZR 8-1.5JX	Right	●	10	0.500	0.945	No	GZ...1516...
		KGZL 8-1.5JX	Left	●	10				
	0.079" (2.00mm)	KGZR 8-2JX	Right	●	10	0.500	0.945		GZ...2020... GZ...3020...
		KGZL 8-2JX	Left	●	10				
		KGZR 10-2JX	Right	●	10	0.625	1.260		
		KGZL 10-2JX	Left	●	10				
	0.118" (3.00mm)	KGZR 8-3JX	Right	●	10	0.500	0.945		GZ...3020...
		KGZL 8-3JX	Left	●	10				
		KGZR 10-3JX	Right	●	10	0.625	1.260		
		KGZL 10-3JX	Left	●	10				

KGZ-JCTM Coolant Through Toolholder

Image	Cutting Width (CW)	Toolholder Part Number	Hand	Std. Item	Insert Purchase Requirement	Dimensions (in)		Coolant Holes	Applicable Inserts Page 11
						Shank Size (Square)	Cut-Off Dia. (CUTDIA)		
	0.079" (2.00mm)	KGZR 8-2JCTM	Right	●	10	0.500	0.945	Yes	GZ...2020... GZ...3020...
		KGZL 8-2JCTM	Left	●	10				
		KGZR 10-2JCTM	Right	●	10	0.625	1.260		
		KGZL 10-2JCTM	Left	●	10				
	0.118" (3.00mm)	KGZR 8-3JCTM	Right	●	10	0.500	0.945		GZ...3020...
		KGZL 8-3JCTM	Left	●	10				
		KGZR 10-3JCTM	Right	●	10	0.625	1.260		
		KGZL 10-3JCTM	Left	●	10				

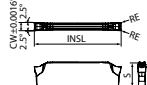
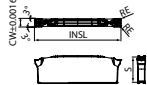
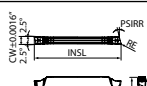
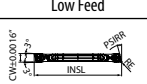
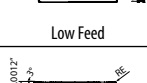


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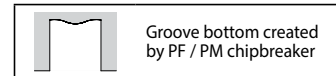
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Available Inserts

GZM

● : Light Interruption		P	Carbon/Alloy Steel								●	Applicable Toolholder Page 10		
		M	AusteniticStainless Steel								●			
Insert		Part Number	No. of Edges	Dimensions (mm)					Angle (°)	Tolerance (mm)			Carbide	
				CW		S	RE	INSL	PSIR %	CW min.	CW max.	PVD		
				in	mm							PR2035		
	 Low Feed	GZM 1516N-015PF	2	0.059	1.5	4.4	0.15	16	-	- 0.04	+ 0.04	●	KGZ [®] /L ...1.5	
	 Low Feed	GZM 2020N-015PF		0.079	2	5.9						20	●	KGZ [®] /L ...-2(...)
		GZM 3020N-015PF		0.118	3								●	KGZ [®] /L ...-2(...) KGZ [®] /L ...-3(...)
 15° Right-Hand Lead Angle	 Low Feed	GZM 1516R-003PF-15D	2	0.059	1.5	4.4	0.03	15	- 0.04	+ 0.04	●	KGZ [®] /L ...1.5		
		GZM 1516R-015PF-15D					0.15				●			
	 Low Feed	GZM 2020R-015PF-15D		0.079	2	5.9	0.15				20	●	KGZ [®] /L ...-2(...)	
		GZM 3020R-015PF-15D		0.118	3							●	KGZ [®] /L ...-2(...), KGZ [®] /L ...-3(...)	
	 Medium Feed	GZM 2020N-020PM	2	0.079	2	5.9	0.20	20	-	- 0.03	+ 0.03	●	KGZ [®] /L ...-2(...)	
		GZM 3020N-025PM		0.118	3		0.25					●	KGZ [®] /L ...-2(...) KGZ [®] /L ...-3(...)	
	 High Feed	GZM 2020N-020PH	2	0.079	2	5.9	0.20	20	-	- 0.03	+ 0.03	●	KGZ [®] /L ...-2(...)	
		GZM 3020N-030PH		0.118	3		0.30					●	KGZ [®] /L ...-2(...) KGZ [®] /L ...-3(...)	

Using the PF / PM chipbreaker (for cut-off) for grooving cannot create a flat bottom (Ref. to the right figure).



● : Std. Item

Recommended Cutting Conditions ★1st Recommendation ☆2nd Recommendation

Workpiece Material	Vc (sfm)	f (ipr)								Notes
	MEGACOAT NANO EX	PF (RE = 0.03mm)			PF (RE = 0.15mm)			PM	PH	
		CW								
	PR2035	0.051"~0.059" (1.3mm~1.5mm)	0.079" (2mm)	0.098"~0.118" (2.5mm~3.0mm)	0.051~0.059 (1.3mm~1.5mm)	0.079" (2mm)	0.098"~0.118" (2.5mm~3.0mm)	0.079~0.118" (2mm~3mm)	0.079~0.118" (2mm~3mm)	
Carbon Steel	230~490	0.0004~0.0016	0.0008~0.0024	0.0008~0.0031	0.0004~0.002	0.0012~0.0031	0.0016~0.0031	0.0020~0.0059	0.0039~0.0079	Coolant
Alloy Steel	230~490									
Stainless Steel	200~390	0.0004~0.0012	0.0004~0.0016	0.0004~0.0020	0.0004~0.0016	0.0012~0.0028	0.0016~0.0031	0.0016~0.0047	0.0031~0.0063	

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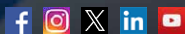
MILLING

CUT-OFF



KYOCERA Precision Tools

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