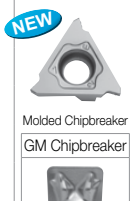
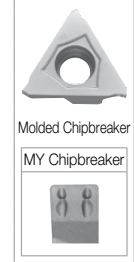
для заказа - kyocera@kyocera-tools.ru

GBA Inserts (Metric)

Part Number	A	T	Ød
	(mm)		
GBA32_	9.525	3.18	4.4
GBA43_	12.70	4.76	5.5
GBA43R/L480	12.70	5.00	5.5

		NEW				
P	Carbon Steel / Alloy Steel	●	○	◕	◷	◷
M	Stainless Steel			●	◕	◷
K	Cast Iron					
N	Non-ferrous Metals					
S	Titanium Alloy					
H	Hard materials (≤40HRC)			●	○	○
	Hard materials (≥40HRC)					

Classification of Usage
◕ : Light Interruption / 1st Choice
◷ : Light Interruption / 2nd Choice
● : Continuous / 1st Choice
○ : Continuous / 2nd Choice

Insert (Right-handed Insert Shown)	Part Number	Previous Part Number	Dimensions (mm) W	B	rε	Cermet TN620	Cermet TN6020	MEGA COAT PR1215	PVD Coated Carbide PR1115	PVD Coated Carbide PR930	Applicable Toolholders	Ref. Page for Toolholder
NEW  Molded Chipbreaker GM Chipbreaker	GBA43R/L 140-010GM	-	1.40	3.5	0.10	○		○			KGBAR/L…-4-15 KGBAR/L…22-15 KGBASR/L…-4-15 KGBASR/L…22-15 KIGBAR/L…-4 (Internal) KIGBAR/L…22 (Internal)	
	150-020GM		1.50	3.5	0.20	○		Ⓡ				
	175-020GM		1.75	3.5	0.20	○		○				
	185-020GM		1.85	3.5	0.20	○		○				
	200-020GM		2.00	3.5	0.20	○		Ⓡ				
	230-020GM		2.30	3.5	0.20	○		Ⓛ				
	250-030GM		2.50	5.0	0.30	○		○			KGBAR/L…-4-25T KGBAR/L…22-25T5 KGBASR/L…22-25T5 KIGBAR/L…-4 (Internal) KIGBAR/L…22 (Internal)	
	265-030GM		2.65	5.0	0.30	○		○				
	300-030GM		3.00	5.0	0.30	○		○				
	330-030GM		3.30	5.0	0.30	○		○				
	350-030GM		3.50	5.0	0.30	○		○			KGBAR/L…-4-35 KGBAR/L…22-35 KGBASR/L…-4-35 KGBASR/L…22-35 KIGBAR/L…-4 (Internal) KIGBAR/L…22 (Internal)	
	400-040GM		4.00	5.0	0.40	○		●				
 Molded Chipbreaker MY Chipbreaker	GBA43R/L 175-020MY	GBA43R/L 175MY	1.75	3.5	0.20		○	●	○	○	KGBAR/L…-4-15 KGBAR/L…22-15 KGBASR/L…-4-15 KGBASR/L…22-15 KIGBAR/L…-4 (Internal) KIGBAR/L…22 (Internal)	G11 G62 (Internal)
	185-020MY	185MY	1.85	3.5	0.20		○	●	○	○		
	200-020MY	200MY	2.00	3.5	0.20		Ⓡ	●	Ⓡ	Ⓡ		
	230-020MY	230MY	2.30	3.5	0.20		○	●	Ⓛ	○		
	250-030MY ※3	GBA43R/L 250MY	2.50	4.0	0.30		Ⓡ				★2	
	250-030MY ※3	-	2.50	5.0	0.30			●	○	Ⓡ	★1	
	265-030MY ※3	GBA43R/L 265MY	2.65	4.0	0.30		○				★2	
	265-030MY ※3	-	2.65	5.0	0.30			●	○	○	★1	
	300-030MY ※3	GBA43R/L 300MY	3.00	4.0	0.30		○				★2	
	300-030MY ※3	-	3.00	5.0	0.30			●	○	Ⓡ	★1	
	330-030MY ※3	GBA43R/L 330MY	3.30	4.0	0.30		Ⓡ				★2	
	330-030MY ※3	-	3.30	5.0	0.30			●	○	Ⓡ	★1	
	350-030MY	GBA43R/L 350MY	3.50	5.0	0.30		○	●	○	○	KGBAR/L…-4-35 KGBAR/L…22-35 KGBASR/L…-4-35 KGBASR/L…22-35 KIGBAR/L…-4 (Internal) KIGBAR/L…22 (Internal)	
	400-040MY	400MY	4.00	5.0	0.40		○	●	Ⓛ	Ⓡ		

- Dimension B shows available grooving depth.

※3 : Available grooving depth is different based on grade

Recommended Cutting Conditions G123

★1: KGBAR/L…4-25T, KGBAR/L…22-25T5, KGBASR/L…22-25T5, KIGBAR/L…4, KIGBAR/L…22
★2: KGBAR/L…4-25T, KGBAR/L…22-25T5, KGBASR/L…22-25T5, KGBAR/L…4-25, KGBAR/L…22-25, KGBASR/L…4-25, KGBASR/L…22-25, KIGBAR/L…4, KIGBAR/L…22

Rake Angle (α) after Installment of GBA-GM

α (°)	Insert Part Number
10°	GBA43R/L 150-020GM
15°	GBA43R/L 175-020GM ~ GBA43R/L 265-030GM
12°	GBA43R/L 300-030GM ~ GBA43R/L 400-040GM

Rake Angle (α) after Installment of GBA-MY

α (°)	Insert Part Number
15°	GBA43R/L 175-020MY ~ GBA43R/L 350-030MY
14°	GBA43R/L 400-040MY

Inserts are sold in 10 piece boxes.

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