для заказа - kyocera@kyocera-tools.ru



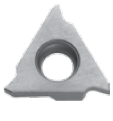
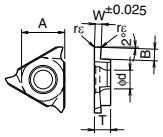
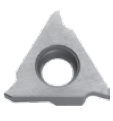
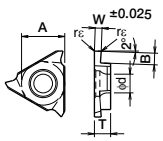
## GBA Inserts (Metric)

(mm)

| Part Number | A | T | Ød |
|---|---|---|---|
| GBA32_ | 9.525 | 3.18 | 4.4 |
| GBA43_ | 12.700 | 4.76 | 5.5 |
| GBA43R480 | 12.700 | 5.00 | 5.5 |

| | | |
|---|---|---|
| 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 | MEGACOAT Cermet PV7040 | Cermet TC40 | Cermet TN6020 | Cermet TN90 | MEGACOAT PVD Coated Carbide PR1215 | PVD Coated Carbide PR1115 | PVD Coated Carbide PR905 | PVD Coated Carbide PR930 | Carbide KW10 | Applicable Toolholders | Ref. Page for Toolholder |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | GBA32R 033-005 ※1 | - | 0.33 | 0.8 | 0.05 | | | | | | ○ | ○ | | | KGBAR…-3<br>KGBAR…-16<br>KGBASR…-3<br>KGBASR…-16<br>KIGBAR…-3 (Internal)<br>KIGBAR…-16 (Internal) | ➡ G11<br>➡ G62<br>(Internal) |
| | 050-005 ※2※3 | GBA32R 050 ※2 | 0.50 | 1.0 | 0.05 | | | | ○ | | | | | ○ | | |
| | 050-005 ※2※3 | - | 0.50 | 1.2 | 0.05 | | | | | ● | ○ | ○ | ● | | | |
| | 075-005 | GBA32R 075 | 0.75 | 2.0 | 0.05 | ○ | | | ○ | ● | ○ | ○ | ● | ○ | | |
| | 095-005 | 095 | 0.95 | 2.0 | 0.05 | | | | ○ | ● | ○ | ○ | ● | ○ | | |
| | 100-005 | 100 | 1.00 | 2.0 | 0.05 | ○ | | | ○ | ● | ● | ○ | ● | ○ | | |
| | 110-005 | 110 | 1.10 | 2.0 | 0.05 | | | | | | ○ | ○ | | | | |
| | 120-005 | 120 | 1.20 | 2.0 | 0.05 | | | | | ● | ○ | ○ | | | | |
| | 125-020 | 125 | 1.25 | 2.0 | 0.20 | ○ | | | ○ | Ⓡ | ○ | ○ | ● | ○ | | |
| | 130-020 | 130 | 1.30 | 2.0 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | 140-020 | 140 | 1.40 | 2.5 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | 145-020 | 145 | 1.45 | 2.0 | 0.20 | | | | ○ | ● | ○ | ○ | Ⓛ | ○ | | |
| | 145-020 | - | 1.45 | 2.5 | 0.20 | | | | ○ | ● | ○ | ○ | Ⓛ | ○ | | |
| | 150-020 | GBA32R 150 | 1.50 | 2.0 | 0.20 | ○ | | | ○ | | | | | ○ | | |
| | 150-020 | - | 1.50 | 2.5 | 0.20 | | | | | ● | ○ | ○ | ● | | | |
| | 160-020 | GBA32R 160 | 1.60 | 2.5 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | 170-020 | 170 | 1.70 | 2.5 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | 175-020 | GBA32R 175 | 1.75 | 2.0 | 0.20 | | | | ○ | | | | | ○ | | |
| | 175-020 | - | 1.75 | 2.5 | 0.20 | | | | | ● | ○ | ○ | ● | | | |
| | 200-020 | GBA32R 200 | 2.00 | 2.5 | 0.20 | ○ | | | ○ | ● | ○ | Ⓛ | ● | ○ | | |
| | 225-020 | 225 | 2.25 | 2.5 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | 250-020 | 250 | 2.50 | 2.5 | 0.20 | | | | ○ | ● | ○ | ○ | ● | ○ | | |
| | 300-020 | 300 | 3.00 | 2.5 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | GBA43R 125-010 | - | 1.25 | 2.0 | 0.10 | | | | | ● | Ⓛ | | | | | |
| | 125-020 | GBA43R 125 | 1.25 | 2.0 | 0.20 | ○ | ○ | | ○ | ● | ○ | ○ | ● | ○ | | |
| | 140-020 | 140 | 1.40 | 3.5 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | 145-020 ※3 | 145 | 1.45 | 2.0 | 0.20 | | ○ | | ○ | | | | | ○ | | |
| | 145-020 ※3 | - | 1.45 | 3.5 | 0.20 | | | | | ● | ○ | ○ | ○ | | | |
| | 150-010 | - | 1.50 | 3.5 | 0.10 | | | | | ● | ○ | | | | | |
| | 150-020 | GBA43R 150 | 1.50 | 3.5 | 0.20 | ○ | ○ | | ○ | ● | Ⓛ | ○ | ● | ○ | | |
| | 170-020 | 170 | 1.70 | 3.5 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | 175-020 | 175 | 1.75 | 3.5 | 0.20 | | ○ | | Ⓡ | ● | ○ | ○ | Ⓛ | ○ | | |
| | 185-020 | 185 | 1.85 | 3.5 | 0.20 | | ○ | | ○ | ● | ○ | ○ | ● | ○ | | |
| | 195-020 | 195 | 1.95 | 3.5 | 0.20 | | | | | | Ⓛ | ○ | | | | |
| | 200-010 | - | 2.00 | 3.5 | 0.10 | | | | | ● | ○ | | | | | |
| | 200-020 | GBA43R 200 | 2.00 | 3.5 | 0.20 | ○ | Ⓡ | | ● | ● | ○ | ○ | ● | ○ | | |
| | 225-020 | 225 | 2.25 | 3.5 | 0.20 | | | | | ● | ○ | ○ | | | | |
| | 230-020 | 230 | 2.30 | 3.5 | 0.20 | | ○ | | ○ | ● | ○ | ○ | ● | ○ | | |
| | 250-010 | - | 2.50 | 5.0 | 0.10 | | | | | ● | ○ | | | | ★1 | |
| | 250-030 ※3 | GBA43R 250 | 2.50 | 4.0 | 0.30 | ○ | ○ | | ○ | | | | | ○ | ★2 | |
| | 250-030 ※3 | - | 2.50 | 5.0 | 0.30 | | | | | ● | Ⓡ | ○ | ● | | ★1 | |
| | 265-030 ※3 | GBA43R 265 | 2.65 | 4.0 | 0.30 | | ○ | | ○ | | | | | ○ | ★2 | |
| | 265-030 ※3 | - | 2.65 | 5.0 | 0.30 | | | | | ● | ○ | ○ | ● | | ★1 | |
| | 280-030 ※3 | GBA43R 280 | 2.80 | 4.0 | 0.30 | | ○ | | ○ | | | | | ○ | ★2 | |
| | 280-030 ※3 | - | 2.80 | 5.0 | 0.30 | | | | | ● | ● | ○ | Ⓛ | | ★1 | |
| | 300-010 | - | 3.00 | 5.0 | 0.10 | | | | | ● | ○ | | | | | |
| | 300-030 ※3 | GBA43R 300 | 3.00 | 4.0 | 0.30 | ○ | ○ | | ○ | | | | | ○ | ★2 | |
| | 300-030 ※3 | - | 3.00 | 5.0 | 0.30 | | | | | ● | Ⓡ | ○ | ● | | ★1 | |
| | 325-030 | GBA43R 325 | 3.25 | 5.0 | 0.30 | | | | | | Ⓡ | Ⓡ | | | ★2 | |
| | 330-030 ※3 | 330 | 3.30 | 4.0 | 0.30 | | ○ | | ○ | | | | | ○ | | |
| | 330-030 ※3 | - | 3.30 | 5.0 | 0.30 | | | | | ● | Ⓡ | ○ | ● | | ★1 | |
|   | GBA43R 350-010 | - | 3.50 | 5.0 | 0.10 | | | | | ● | ○ | | | | KGBAR…-4-35<br>KGBAR…22-35<br>KGBASR…-4-35<br>KGBASR…22-35<br>KIGBAR…-4 (Internal)<br>KIGBAR…22 (Internal) | |
| | 350-030 | GBA43R 350 | 3.50 | 5.0 | 0.30 | | ○ | | ○ | ● | ○ | ○ | ● | ○ | | |
| | 400-010 | - | 4.00 | 5.0 | 0.10 | | | | | ● | ○ | | | | | |
| | 400-040 | GBA43R 400 | 4.00 | 5.0 | 0.40 | ○ | ○ | | ○ | ● | ○ | ○ | ● | ○ | | |
| | 430-040 | 430 | 4.30 | 5.0 | 0.40 | | ○ | | Ⓡ | ● | ○ | ○ | ● | ○ | | |
| | 450-040 | 450 | 4.50 | 5.0 | 0.40 | | ○ | | Ⓡ | ● | ○ | ○ | ● | ○ | | |
| | 480-040 | 480 | 4.80 | 5.0 | 0.40 | | ○ | | Ⓡ | ● | ○ | ○ | ● | ○ | | |

※1 : The edge width tolerance of GBA32R 033-005 : $0.33^{+0.02}_{-0.03}$
※2 : The edge width tolerance of GBA32R 050-005 : $0.50^{+0.05}_{-0.00}$
**※3 : Available grooving depth is different based on grade**

• Dimension B shows available grooving depth.

Recommended Cutting Conditions ➡ G123

*Inserts are sold in 10 piece boxes.*

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

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○ : World Express (Shipping: 7-10 Business Days) Ⓡ : World Express (R-hand Only) Ⓛ : World Express (L-hand Only)