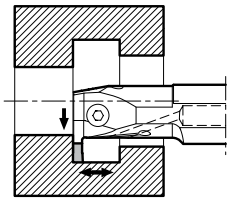
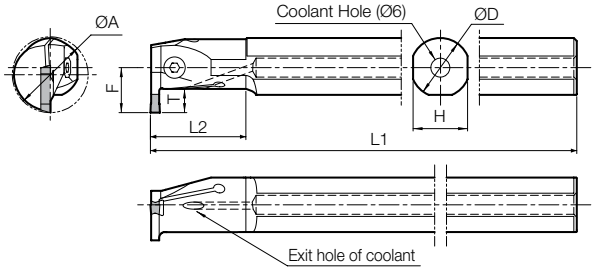
для заказа - kyocera@kyocera-tools.ru



## KIGM-V (Will be phased out and switched to KGDI G64~G65)






• Right-hand shown

### Toolholder Dimensions

| Part Number | | Stock R | Stock L | Unit | Min. Bore Dia. ØA | Dimensions ØD | H | L1 | L2 | F | T | Edge Width W MIN | MAX | Spare Parts: Clamp Screw | | Wrench | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KIGM® | 10B-3V | ● | ● | inch | 0.787 | 0.625 | 0.591 | 6.000 | 0.984 | 0.453 | 0.217 | 0.118 | 0.118 | GS-50 | - | LW-3 | - |
| | 12B-3V | ● | ● | | 0.966 | 0.750 | 0.709 | 7.000 | 1.260 | 0.571 | 0.217 | 0.118 | 0.118 | | | | |
| | 16B-3V | ● | ● | | 1.260 | 1.000 | 0.906 | 8.000 | 1.575 | 0.748 | 0.315 | 0.118 | 0.118 | - | SB-5TR | - | LTW-20 |
| | 16B-4V | ● | ● | | 1.260 | 1.000 | 0.906 | 8.000 | 1.575 | 0.748 | 0.335 | 0.157 | 0.197 | | | | |
| | 20B-4V | ● | ● | | 1.550 | 1.250 | 1.140 | 8.500 | 1.969 | 0.925 | 0.433 | 0.157 | 0.197 | | | | |
| KIGM® | 2016B-3V | ○ | ○ | mm | 20 | 16 | 15 | 150 | 25 | 11.5 | 5.5 | 3 | 3 | GS-50 | - | LW-3 | - |
| | 2520B-3V | ○ | ○ | | 25 | 20 | 18 | 180 | 32 | 14.5 | 6.0 | 3 | 3 | | | | |
| | 3225B-3V | ● | ● | | 32 | 25 | 23 | 200 | 40 | 19.0 | 8.0 | 3 | 3 | - | SB-5TR | - | LTW-20 |
| | 3225B-4V | ○ | ○ | | 32 | 25 | 23 | 200 | 40 | 19.0 | 8.5 | 4 | 5 | - | SB-5TR | - | LTW-20 |
| | 4032B-4V | ● | ○ | | 40 | 32 | 29 | 220 | 50 | 23.5 | 11.0 | 4 | 5 | | | | |

• Dimension T shows available grooving depth.

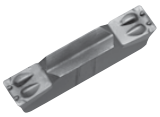
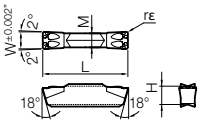
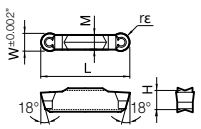
## Applicable Inserts

(in)

| Part Number | L | H |
|---|---|---|
| GMM3015…V(□) | 0.610 | 0.169 |
| GMM4020…V(□) | 0.787 | 0.169 |
| GMM5020…V(□) | 0.787 | 0.169 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 | | Part Number | Previous Part Number | Dimensions (in) W | rε | M | Cermet TN90 | CVD Coated Carbide CR9025 | PVD Coated Carbide PR915 | PR930 | PR905 | Carbide KW10 | Applicable Toolholders |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  Chip Control Oriented M Class |  | GMM 3015-040V | GMM 3015-04V | 0.118 | 0.016 | 0.091 | ○ | ○ | ○ | ● | ○ | ○ | KIGM® 2016B-3V<br>KIGM® 2520B-3V<br>KIGM® 3225B-3V |
| | | 4020-040V | 4020-04V | 0.157 | 0.016 | 0.130 | ○ | ○ | ○ | ● | ○ | ○ | KIGM® 3225B-4V<br>KIGM® 4032B-4V |
| | | 5020-080V | 5020-08V | 0.197 | 0.031 | 0.165 | ○ | ○ | ● | ● | ○ | ○ | |
|  Chip Control Oriented M Class Full-R / Copying |  | GMM 3015-150VR | GMM 3015-15VR | 0.118 | 0.059 | 0.091 | ○ | ○ | | ○ | ○ | ○ | KIGM® 2016B-3V<br>KIGM® 2520B-3V<br>KIGM® 3225B-3V |
| | | 4020-200VR | 4020-20VR | 0.157 | 0.079 | 0.130 | | ○ | | ○ | ○ | ○ | KIGM® 3225B-4V<br>KIGM® 4032B-4V |
| | | 5020-250VR | 5020-25VR | 0.197 | 0.098 | 0.165 | | ○ | | ○ | ○ | ○ | |

• It is not recommended to use this for KIGM-V Internal Grooving Toolholders against GMM...V / GMM...VR which the front relief angle is 18°, because the relief angle of the insert used for GMM4020-04 toolholder is 10°.

Recommended Cutting Conditions G129

*Inserts are sold in 10 piece boxes.*





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