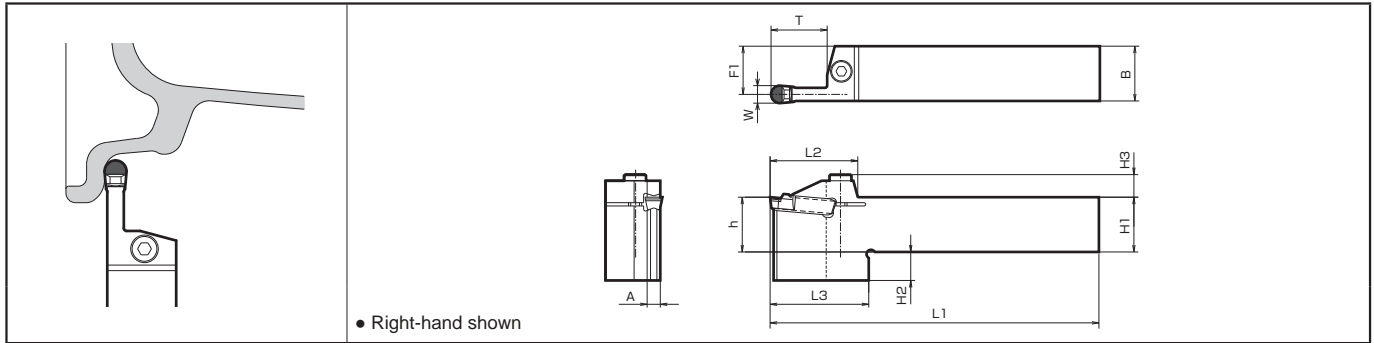


# For Aluminum Wheel External Grooving

## KGMW (External / Facing / Copying)



### Toolholder Dimensions

| Description                       | Std.                     |                          | Dimension (mm) |    |      |    |     |    |    |      |     |    | Spare Parts |        | Applicable Inserts |
|-----------------------------------|--------------------------|--------------------------|----------------|----|------|----|-----|----|----|------|-----|----|-------------|--------|--------------------|
|                                   | R                        | L                        | H1-h           | H2 | H3   | B  | L1  | L2 | L3 | F1   | A   | T  | Screw       | Wrench |                    |
| <b>KGMW<sup>R/L</sup> 2525M-6</b> | <input type="checkbox"/> | <input type="checkbox"/> | 25             | 13 | 10.3 | 25 | 150 | 40 | 55 | 22.8 | 4.4 | 25 | HH6X25      | LW-5   | GMGW6030-30R       |
|                                   | <input type="checkbox"/> | <input type="checkbox"/> |                |    |      |    |     |    |    |      |     |    |             |        |                    |

### Applicable Inserts

| Shape | Description             | Dimension (mm) |    |    |     |   |     | No. of Edge | PCD                      |
|-------|-------------------------|----------------|----|----|-----|---|-----|-------------|--------------------------|
|       |                         | W              | rε | L  | H   | M | S   |             |                          |
|       | <b>GMGW 6030-30R</b>    | 6              | 3  | 30 | 5.5 | 5 | 4.5 | 1           | <input type="checkbox"/> |
|       | <b>8030-40R</b>         | 8              | 4  |    |     | 6 | 6   | 1           | <input type="checkbox"/> |
|       | <b>GMGW 8030-40R-HR</b> | 8              | 4  | 30 | 5.5 | 6 | 5   | 1           | <input type="checkbox"/> |

- GMGW insert is exclusively used for KGMW type / KIGMW type toolholder. It cannot be used for other toolholder because of its different installation angle.
- GMGW inserts Edge Preparation: R-honed Cutting Edge.

### Recommended Cutting Conditions

| Workpiece Material | Insert Grade (Vc: m/min) |          | ① f for Grooving (mm/rev)<br>② f for Longitudinal turning (mm/rev)<br>③ ap for Longitudinal turning (mm) |
|--------------------|--------------------------|----------|--|
|                    | PCD                      | KPD001   |  |
| Aluminum           | ★                        | 150~2700 | ① 0.05~0.3 mm/rev<br>② 0.2~0.8 mm/rev<br>③ MAX.3 mm  |

★ : 1st Recommendation

● : Std. Item    □ : Check Availability

G  
Grooving