

## GROOVING SYSTEM

## GY SERIES (INTERNAL GROOVING)

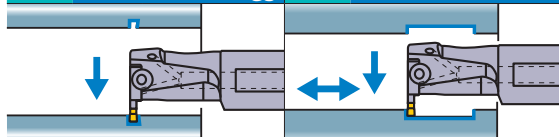
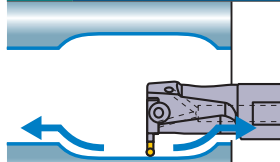
6

90° type holder

(Note 1) For modular blades and modular holders, please order separately.

(Note 2) Please use left hand modular blade for right hand modular holder and right hand modular blade for left hand modular.

|        |                    |        |                    |
|--------|--------------------|--------|--------------------|
| Insert | GY2M <sup>GS</sup> | Insert | GY2G <sup>MF</sup> |
| Insert | GY2M <sup>GU</sup> | Insert | GY2M <sup>MS</sup> |
| Insert | GY1G <sup>GS</sup> | Insert | GY2M <sup>MM</sup> |

Insert GY2M<sup>BM</sup>

● Mono block type (Air / coolant through)



Fig. 2

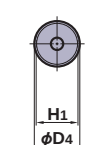
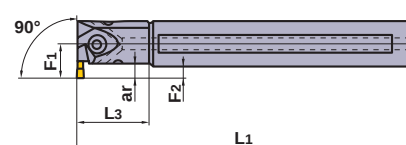
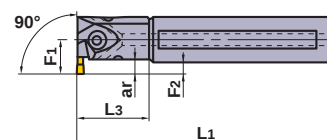


Fig. 1



Right hand tool holder shown.

| Seat Size | Insert Width W <sub>3</sub> (mm) | Hand (R/L) | Max. Groove Depth ar (mm) *3 | Min. Cutting Diameter D <sub>1</sub> (mm) | ID                     | Order Number                       |        |               |       |
|-----------|----------------------------------|------------|------------------------------|-------------------------------------------|------------------------|------------------------------------|--------|---------------|-------|
|           |                                  |            |                              |                                           |                        | Holder / Modular Holder            | Stock  | Modular Blade | Stock |
| H         | 4.75<br>5.00<br>5.24             | R          | 7                            | 32                                        | (6G2R9H1)<br>(6G1R9H1) | GYAR25K90B-H07<br>GYAR25R90B-H07   | ●<br>● | —             | —     |
|           |                                  |            | 4.5—11.5 *1                  | 40                                        | (6J2R3H1)<br>(6J1R3H1) | GYDR32L90C-M20L<br>GYDR32S90C-M20L | ●<br>● | GYM20LA-H12   | ●     |
|           |                                  |            | 6—11.5 *1                    | 50                                        | (6L2R3H1)<br>(6L1R3H1) | GYDR40M90D-M20L<br>GYDR40T90D-M20L | ●<br>● | GYM20LA-H12   | ●     |
|           |                                  |            | 7.5—13 *1                    | 60                                        | (6L2R4H1)<br>(6L1R4H1) | GYDR40M90D-M25L<br>GYDR40T90D-M25L | ●<br>● | GYM25LA-H14   | ●     |
|           |                                  |            | 7.5—13 *1                    | 70                                        | (6N2R4H1)<br>(6N1R4H1) | GYDR50P90F-M25L<br>GYDR50T90F-M25L | ●<br>● | GYM25LA-H14   | ●     |
|           |                                  |            |                              |                                           |                        |                                    |        |               |       |
|           |                                  | L          | 7                            | 32                                        | (6G2L9H1)<br>(6G1L9H1) | GYAL25K90B-H07<br>GYAL25R90B-H07   | ●<br>● | —             | —     |
|           |                                  |            | 4.5—11.5 *1                  | 40                                        | (6J2L3H1)<br>(6J1L3H1) | GYDL32L90C-M20R<br>GYDL32S90C-M20R | ●<br>● | GYM20RA-H12   | ●     |
|           |                                  |            | 6—11.5 *1                    | 50                                        | (6L2L3H1)<br>(6L1L3H1) | GYDL40M90D-M20R<br>GYDL40T90D-M20R | ●<br>● | GYM20RA-H12   | ●     |
|           |                                  |            | 7.5—13 *1                    | 60                                        | (6L2L4H1)<br>(6L1L4H1) | GYDL40M90D-M25R<br>GYDL40T90D-M25R | ●<br>● | GYM25RA-H14   | ●     |
|           |                                  |            | 7.5—13 *1                    | 70                                        | (6N2L4H1)<br>(6N1L4H1) | GYDL50P90F-M25R<br>GYDL50T90F-M25R | ●<br>● | GYM25RA-H14   | ●     |
|           |                                  |            |                              |                                           |                        |                                    |        |               |       |
| J         | 6.00<br>6.31<br>6.35             | R          | 7.5—13 *1                    | 60                                        | (6L2R4J1)<br>(6L1R4J1) | GYDR40M90D-M25L<br>GYDR40T90D-M25L | ●<br>● | GYM25LA-J14   | ●     |
|           |                                  |            | 7.5—13 *1                    | 70                                        | (6N2R4J1)<br>(6N1R4J1) | GYDR50P90F-M25L<br>GYDR50T90F-M25L | ●<br>● | GYM25LA-J14   | ●     |
|           |                                  |            |                              |                                           |                        |                                    |        |               |       |
|           |                                  | L          | 7.5—13 *1                    | 60                                        | (6L2L4J1)<br>(6L1L4J1) | GYDL40M90D-M25R<br>GYDL40T90D-M25R | ●<br>● | GYM25RA-J14   | ●     |
|           |                                  |            | 7.5—13 *1                    | 70                                        | (6N2L4J1)<br>(6N1L4J1) | GYDL50P90F-M25R<br>GYDL50T90F-M25R | ●<br>● | GYM25RA-J14   | ●     |
|           |                                  |            |                              |                                           |                        |                                    |        |               |       |

\*1 The maximum groove depth varies according to the cutting diameter D<sub>1</sub>. For details, please refer to page F119.\*2 Dimensions shown are when the gauge insert is used. If other insert geometries are used then L<sub>1</sub>, L<sub>3</sub>, F<sub>1</sub> and F<sub>2</sub> values may vary.\*3 The maximum groove depth (ar) is a value within the dimension L<sub>3</sub>.

● : Inventory maintained.