

## GROOVING SYSTEM

## GY SERIES (FACE GROOVING)

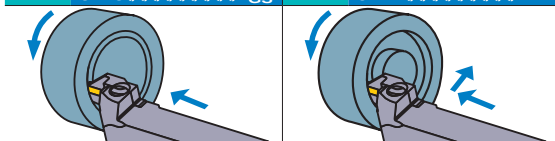
4

00° type holder

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

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

|        |                   |        |                   |
|--------|-------------------|--------|-------------------|
| Insert | GY2M0000000000-GS | Insert | GY2G0000000000-MF |
| Insert | GY2M0000000000-GU | Insert | GY2M0000000000-MS |
| Insert | GY1G0000000000-GF | Insert | GY2M0000000000-MM |



Insert GY2M0000000000-BM

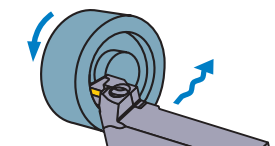


Fig. 1

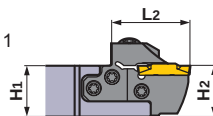
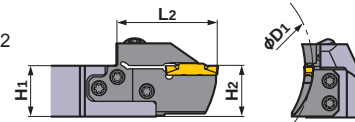


Fig. 2



Left hand tool holder shown.

| Seat Size | Insert Width W <sub>3</sub> (mm) | Hand (R/L) | First Cut Diameter D <sub>1</sub> (mm) |      | Max. Groove Depth ar (mm) | ID         | Order Number    |       |                  |       |
|-----------|----------------------------------|------------|----------------------------------------|------|---------------------------|------------|-----------------|-------|------------------|-------|
|           |                                  |            | Min.                                   | Max. |                           |            | Modular Blade   | Stock | Modular Holder   | Stock |
| F         | 3.00<br>3.18<br>3.24             | L          | 35                                     | 40   | 12                        | (4E1L4F11) | GYM25LD-F12-035 | ●     | GYHL2020K00-M25L | ●     |
|           |                                  |            | 40                                     | 50   | 12                        | (4E1L4F12) | GYM25LD-F12-040 | ●     |                  |       |
|           |                                  |            | 50                                     | 60   | 12                        | (4E1L4F13) | GYM25LD-F12-050 | ●     |                  |       |
|           |                                  |            | 60                                     | 75   | 12                        | (4E1L4F14) | GYM25LD-F12-060 | ●     |                  |       |
|           |                                  |            | 60                                     | 75   | 20 *1                     | (4E1L4F24) | GYM25LD-F20-060 | ●     |                  |       |
|           |                                  |            | 75                                     | 100  | 12                        | (4E1L4F15) | GYM25LD-F12-075 | ●     |                  |       |
|           |                                  |            | 75                                     | 100  | 20 *1                     | (4E1L4F25) | GYM25LD-F20-075 | ●     |                  |       |
|           |                                  |            | 100                                    | 150  | 12                        | (4E1L4F16) | GYM25LD-F12-100 | ●     |                  |       |
|           |                                  |            | 100                                    | 150  | 20 *1                     | (4E1L4F26) | GYM25LD-F20-100 | ●     |                  |       |
|           |                                  |            | 135                                    | 200  | 12                        | (4E1L4F17) | GYM25LD-F12-135 | ●     |                  |       |
|           |                                  |            | 135                                    | 200  | 20 *1                     | (4E1L4F27) | GYM25LD-F20-135 | ●     |                  |       |
|           |                                  |            | 180                                    | 250  | 12                        | (4E1L4F18) | GYM25LD-F12-180 | ●     |                  |       |
|           |                                  |            | 180                                    | 250  | 20 *1                     | (4E1L4F28) | GYM25LD-F20-180 | ●     |                  |       |
|           |                                  |            | 225                                    | 999  | 12                        | (4E1L4F19) | GYM25LD-F12-225 | ●     |                  |       |
|           |                                  |            | 225                                    | 999  | 20 *1                     | (4E1L4F29) | GYM25LD-F20-225 | ●     |                  |       |
|           |                                  |            | 35                                     | 40   | 12                        | (4G1L4F11) | GYM25LD-F12-035 | ●     | GYHL2525M00-M25L | ●     |
|           |                                  |            | 40                                     | 50   | 12                        | (4G1L4F12) | GYM25LD-F12-040 | ●     |                  |       |
|           |                                  |            | 50                                     | 60   | 12                        | (4G1L4F13) | GYM25LD-F12-050 | ●     |                  |       |
|           |                                  |            | 60                                     | 75   | 12                        | (4G1L4F14) | GYM25LD-F12-060 | ●     |                  |       |
|           |                                  |            | 60                                     | 75   | 20 *1                     | (4G1L4F24) | GYM25LD-F20-060 | ●     |                  |       |
|           |                                  |            | 75                                     | 100  | 12                        | (4G1L4F15) | GYM25LD-F12-075 | ●     |                  |       |
|           |                                  |            | 75                                     | 100  | 20 *1                     | (4G1L4F25) | GYM25LD-F20-075 | ●     |                  |       |
|           |                                  |            | 100                                    | 150  | 12                        | (4G1L4F16) | GYM25LD-F12-100 | ●     |                  |       |
|           |                                  |            | 100                                    | 150  | 20 *1                     | (4G1L4F26) | GYM25LD-F20-100 | ●     |                  |       |
|           |                                  |            | 135                                    | 200  | 12                        | (4G1L4F17) | GYM25LD-F12-135 | ●     |                  |       |
|           |                                  |            | 135                                    | 200  | 20 *1                     | (4G1L4F27) | GYM25LD-F20-135 | ●     |                  |       |
|           |                                  |            | 180                                    | 250  | 12                        | (4G1L4F18) | GYM25LD-F12-180 | ●     |                  |       |
|           |                                  |            | 180                                    | 250  | 20 *1                     | (4G1L4F28) | GYM25LD-F20-180 | ●     |                  |       |
|           |                                  |            | 225                                    | 999  | 12                        | (4G1L4F19) | GYM25LD-F12-225 | ●     |                  |       |
|           |                                  |            | 225                                    | 999  | 20 *1                     | (4G1L4F29) | GYM25LD-F20-225 | ●     |                  |       |

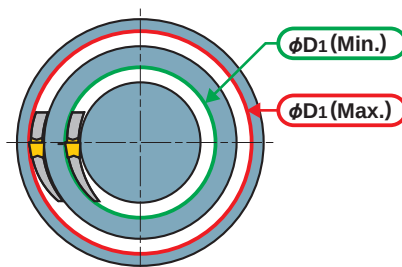
\*1 The maximum groove depth varies according to the insert used. Please refer to the maximum groove depth of inserts on pages F014—F016.

\*2 Dimensions shown are when the gauge insert is used. If other insert geometries are used then L<sub>1</sub>, L<sub>2</sub>, F<sub>1</sub> and D<sub>1</sub> values may vary.

\*3 Refer to page F064 for right hand tools.

## Notes when selecting a modular blade (1)

- Select a modular blade for face grooving, so that the cutting diameter at the first pass is within the range of D<sub>1</sub> minimum and D<sub>1</sub> maximum that are described in the table of dimensions.



● : Inventory maintained.