

## GROOVING SYSTEM

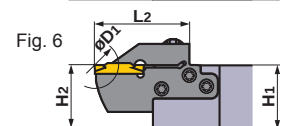
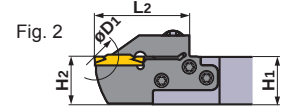
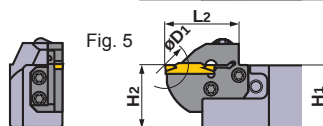
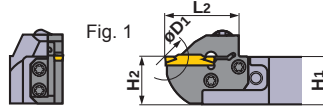
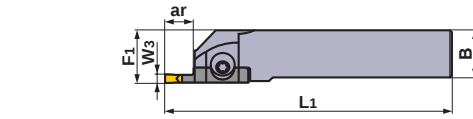
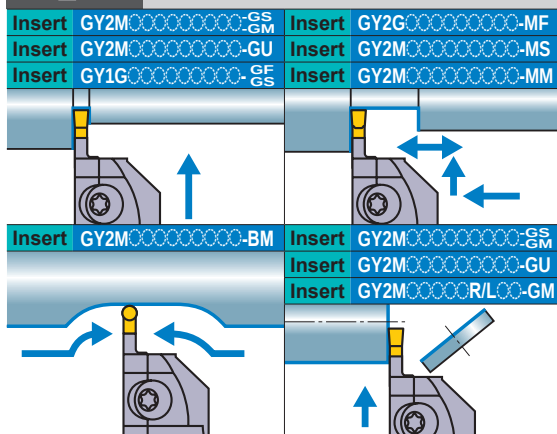
## GY SERIES (EXTERNAL GROOVING)

1

00° type holder

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

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



Right hand tool holder shown.

| Seat Size | Insert Width W <sub>3</sub> (mm) | Hand (R/L) | Max. Groove Depth ar (mm) | Max. Cut Off Diameter D <sub>1</sub> (mm) | ID        | Order Number  |       |                  |       |
|-----------|----------------------------------|------------|---------------------------|-------------------------------------------|-----------|---------------|-------|------------------|-------|
|           |                                  |            |                           |                                           |           | Modular Blade | Stock | Modular Holder   | Stock |
| E         | 2.39<br>2.50<br>2.74             | R          | 6                         | 12                                        | (1C1R3E1) | GYM20RA-E06   | ●     | GYHR1616J00-M20R | ●     |
|           |                                  |            | 10                        | 20                                        | (1C1R3E2) | GYM20RA-E10   | ●     |                  | ●     |
|           |                                  |            | 18 ★4                     | 36                                        | (1C1R3E3) | GYM20RB-E18   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1E1R3E1) | GYM20RA-E06   | ●     | GYHR2020K00-M20R | ●     |
|           |                                  |            | 10                        | 20                                        | (1E1R3E2) | GYM20RA-E10   | ●     |                  | ●     |
|           |                                  |            | 18 ★4                     | 36                                        | (1E1R3E3) | GYM20RB-E18   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1E1R4E1) | GYM25RA-E06   | ●     | GYHR2020K00-M25R | ●     |
|           |                                  |            | 12                        | 24                                        | (1E1R4E2) | GYM25RA-E12   | ●     |                  | ●     |
|           |                                  |            | 20 ★1                     | 40 ★2                                     | (1E1R4E3) | GYM25RA-E20   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1G1R4E1) | GYM25RA-E06   | ●     | GYHR2525M00-M25R | ●     |
|           |                                  |            | 12                        | 24                                        | (1G1R4E2) | GYM25RA-E12   | ●     |                  | ●     |
|           |                                  |            | 20 ★1                     | 40 ★2                                     | (1G1R4E3) | GYM25RA-E20   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1Q1R4E1) | GYM25RA-E06   | ●     | GYHR3225P00-M25R | ●     |
|           |                                  |            | 12                        | 24                                        | (1Q1R4E2) | GYM25RA-E12   | ●     |                  | ●     |
|           |                                  |            | 20 ★1                     | 40 ★2                                     | (1Q1R4E3) | GYM25RA-E20   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1J1R4E1) | GYM25RA-E06   | ●     | GYHR3232P00-M25R | ●     |
|           |                                  |            | 12                        | 24                                        | (1J1R4E2) | GYM25RA-E12   | ●     |                  | ●     |
|           |                                  |            | 20 ★1                     | 40 ★2                                     | (1J1R4E3) | GYM25RA-E20   | ●     |                  | ●     |
|           |                                  | L          | 6                         | 12                                        | (1C1L3E1) | GYM20LA-E06   | ●     | GYHL1616J00-M20L | ●     |
|           |                                  |            | 10                        | 20                                        | (1C1L3E2) | GYM20LA-E10   | ●     |                  | ●     |
|           |                                  |            | 18 ★4                     | 36                                        | (1C1L3E3) | GYM20LB-E18   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1E1L3E1) | GYM20LA-E06   | ●     | GYHL2020K00-M20L | ●     |
|           |                                  |            | 10                        | 20                                        | (1E1L3E2) | GYM20LA-E10   | ●     |                  | ●     |
|           |                                  |            | 18 ★4                     | 36                                        | (1E1L3E3) | GYM20LB-E18   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1E1L4E1) | GYM25LA-E06   | ●     | GYHL2020K00-M25L | ●     |
|           |                                  |            | 12                        | 24                                        | (1E1L4E2) | GYM25LA-E12   | ●     |                  | ●     |
|           |                                  |            | 20 ★1                     | 40 ★2                                     | (1E1L4E3) | GYM25LA-E20   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1G1L4E1) | GYM25LA-E06   | ●     | GYHL2525M00-M25L | ●     |
|           |                                  |            | 12                        | 24                                        | (1G1L4E2) | GYM25LA-E12   | ●     |                  | ●     |
|           |                                  |            | 20 ★1                     | 40 ★2                                     | (1G1L4E3) | GYM25LA-E20   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1Q1L4E1) | GYM25LA-E06   | ●     | GYHL3225P00-M25L | ●     |
|           |                                  |            | 12                        | 24                                        | (1Q1L4E2) | GYM25LA-E12   | ●     |                  | ●     |
|           |                                  |            | 20 ★1                     | 40 ★2                                     | (1Q1L4E3) | GYM25LA-E20   | ●     |                  | ●     |
|           |                                  |            | 6                         | 12                                        | (1J1L4E1) | GYM25LA-E06   | ●     | GYHL3232P00-M25L | ●     |
|           |                                  |            | 12                        | 24                                        | (1J1L4E2) | GYM25LA-E12   | ●     |                  | ●     |
|           |                                  |            | 20 ★1                     | 40 ★2                                     | (1J1L4E3) | GYM25LA-E20   | ●     |                  | ●     |

★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 The maximum cut off diameter D<sub>1</sub> varies according to the insert used. The cut off diameter is double the maximum groove depth (ar) of inserts on pages F014—F016.★3 Dimensions shown are when the gauge insert is used. If other insert geometries are used then L<sub>1</sub>, L<sub>2</sub> and F<sub>1</sub> values may vary.

★4 The maximum groove depth is limited by the workpiece diameter. For details, please refer to Page F041.

● : Inventory maintained.