

## ● Toolholder Dimensions

| Description                                                                                                                                                                                 | Std. |   | Dimension (mm) |    |     |    |     |    |    |          |      | Face Grooving Dia.<br>øD |  | Spare Parts                                                                         |                                                                                       |                                                                                       |                                                                                       | Applicable Inserts<br>➔ G65                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---|----------------|----|-----|----|-----|----|----|----------|------|--------------------------|--|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                             | R    | L | H1             | h  | H3  | B  | L1  | L2 | F  | T        | MIN. | MAX.                     |  | Clamp Set                                                                           | Wrench                                                                                | Blade                                                                                 | Bolt                                                                                  |                                                                                                                                                                                  |
| GFVS <sup>R/L</sup><br>2020K-351B<br>2525M-351B<br>2020K-352B<br>2525M-352B<br>2020K-501B<br>2525M-501B<br>2020K-502B<br>2525M-502B<br>2020K-701B<br>2525M-701B<br>2020K-702B<br>2525M-702B | ●    | ● | 20             | 21 |     | 20 | 125 | 30 | 25 | 5.1      |      |                          |  |    |    |    |    | GVF%250B~350B<br>GVF%150BR<br>GVF%400B~490B<br>GVF%200BR<br>GVF%250B~350B<br>GVF%150BR<br>GVF%400B~490B<br>GVF%200BR<br>GVF%250B~350B<br>GVF%150BR<br>GVF%400B~490B<br>GVF%200BR |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 32 | 32 | (4.6)    | 35   | 50                       |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 20             | 21 |     | 20 | 125 | 30 | 25 | 5.1      | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 32 | 32 | (5.1)    |      |                          |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 20             | 21 |     | 20 | 125 | 30 | 25 | 5.1      |      |                          |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 32 | 32 | (4.6)    | 50   | 70                       |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 20             | 21 | 8.0 | 20 | 125 | 30 | 25 | 5.1      | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 32 | 32 | (5.1)    |      |                          |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 20             | 21 |     | 20 | 125 | 30 | 25 | 5.1      |      |                          |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 32 | 32 | (4.6)    | 70   | 100                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
| GFVS <sup>R/L</sup><br>2525M-501C<br>2525M-502C<br>2525M-701C<br>2525M-702C<br>2525M-1001C<br>2525M-1002C<br>2525M-1501C<br>2525M-1502C                                                     | ●    | ● |                |    |     |    |     |    |    | 8.1(6.6) | 50   | 70                       |  |    |    |    |    | GVF%350C~450C<br>GVF%500C~600C<br>GVF%350C~450C<br>GVF%500C~600C<br>GVF%350C~450C<br>GVF%500C~600C<br>GVF%350C~450C<br>GVF%500C~600C                                             |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(6.6) | 70   | 100                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 | 9.5 | 25 | 150 | 32 | 32 | 8.1(6.6) | 100  | 150                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(6.6) | 150  | 250                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(6.6) | 150  | 250                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
| GFVT <sup>R/L</sup><br>2020K-351B<br>2525M-351B<br>2020K-352B<br>2525M-352B<br>2020K-501B<br>2525M-501B<br>2020K-502B<br>2525M-502B<br>2020K-701B<br>2525M-701B<br>2020K-702B<br>2525M-702B | ●    | ● | 20             | 21 |     | 20 | 125 | 22 | 30 | 5.1      |      |                          |  |   |   |   |   | GVF%250B~350B<br>GVF%150BR<br>GVF%400B~490B<br>GVF%200BR<br>GVF%250B~350B<br>GVF%150BR<br>GVF%400B~490B<br>GVF%200BR<br>GVF%250B~350B<br>GVF%150BR<br>GVF%400B~490B<br>GVF%200BR |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 25 | 35 | (4.6)    | 35   | 50                       |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 20             | 21 |     | 20 | 125 | 22 | 30 | 5.1      | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 25 | 35 | (5.1)    |      |                          |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 20             | 21 |     | 20 | 125 | 22 | 30 | 5.1      |      |                          |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 | 8.0 | 25 | 150 | 25 | 35 | (4.6)    | 50   | 70                       |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 20             | 21 |     | 20 | 125 | 22 | 30 | 5.1      | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 25 | 35 | (5.1)    |      |                          |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 20             | 21 |     | 20 | 125 | 22 | 30 | 5.1      |      |                          |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 |     | 25 | 150 | 25 | 35 | (4.6)    | 70   | 100                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
| GFVT <sup>R/L</sup><br>2525M-501C<br>2525M-502C<br>2525M-701C<br>2525M-702C<br>2525M-1001C<br>2525M-1002C<br>2525M-1501C<br>2525M-1502C                                                     | ●    | ● |                |    |     |    |     |    |    | 8.1(6.6) | 50   | 70                       |  |  |  |  |  | GVF%350C~450C<br>GVF%500C~600C<br>GVF%350C~450C<br>GVF%500C~600C<br>GVF%350C~450C<br>GVF%500C~600C<br>GVF%350C~450C<br>GVF%500C~600C                                             |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(6.6) | 70   | 100                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● | 25             | 26 | 9.5 | 25 | 150 | 27 | 38 | 8.1(8.1) | 100  | 150                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(6.6) | 150  | 250                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(6.6) | 150  | 250                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |
|                                                                                                                                                                                             | ●    | ● |                |    |     |    |     |    |    | 8.1(8.1) | (25) | (∞)                      |  |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                                                                                                                  |

Note 1. Dimension T shows the distance from the Toolholder to the cutting edge.  
The grooving depth is the mentioned in ( ).

2. The value ( ) of Face Grooving diameter. (øD Max) is the maximum outer diameter value after the initial groove between MIN~MAX. (It is possible to widen the groove to infinity ∞).

The value ( ) of Face Grooving diameter. (øD Min) is the minimum diameter of the boss which remains in the center when widening the groove width to a smaller value after the initial groove between MIN~MAX.

3. Standard toolholders are designed with the edge position 1.0mm above the center.  
When using non-standard Toolholder, set the Edge position 1.0mm above the center.

4. GFVS and GFVT are composed of a base body and a blade.

If the blade should be damaged, replace it with a new blade as listed in the left table.

(e.g.) GFVSR2020K-HB + SFR-351B = GFVSR2020K-351B

(e.g.) GFVTR2020K-HB + SFR-351B = GFVTR2020K-351B