

## Knurled screws

Steel / Stainless Steel,  
with a thin shank for loss-prevention

### SPECIFICATION

#### Version in Steel ST

- Tensile strength class 5
- visible face fine turned
- black oxide finish

#### Version in Stainless Steel AISI 303 NI

- AISI 303
- visible face fine turned
- matt shot-blasted



### INFORMATION

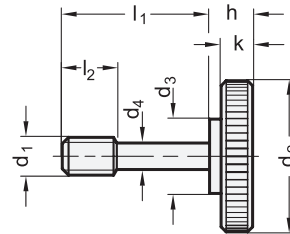
Knurled screws GN 653.2 can be used for to prevent loss of the thumb screw, due to the  $d_1$  recessed portion of the stud.

When using, instead of a typical tapped and bore hole, it is necessary to provide tapped bores with a thread  $d_1$  on each of the two elements to be assembled. Additionally, a clearance bore of  $d_5$  on one or both sides must be cut.

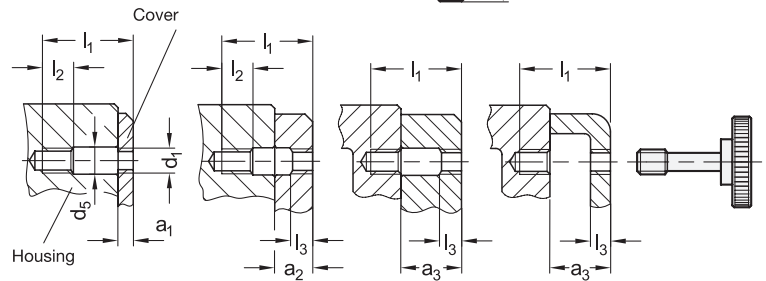
Depending on the design and required clamping length  $a_1$  ...  $a_3$  of the component being attached, there are a number of assembly options as shown.

### TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)



#### Assembly options



\* Complete with material index of the knurled screw (ST or NI)

ST NI  
Steel Stainless Steel

### GN 653.2

STAINLESS STEEL

| Description      | d1 | l1 | a1    | a2     | a3      | d2 | d3 | d4 -0.2 | d5  | h   | k   | l2 | l3  | ⚖  |
|------------------|----|----|-------|--------|---------|----|----|---------|-----|-----|-----|----|-----|----|
| GN 653.2-M4-15-* | M4 | 15 | 2-4   | 4-8    | 8-10    | 16 | 8  | 3.2     | 4.5 | 5.5 | 3.5 | 5  | 2   | 7  |
| GN 653.2-M4-17-* | M4 | 17 | 4-6   | 6-10   | 10-12   | 16 | 8  | 3.2     | 4.5 | 5.5 | 3.5 | 5  | 2   | 7  |
| GN 653.2-M4-19-* | M4 | 19 | 6-8   | 8-12   | 12-14   | 16 | 8  | 3.2     | 4.5 | 5.5 | 3.5 | 5  | 2   | 7  |
| GN 653.2-M4-21-* | M4 | 21 | 8-10  | 10-14  | 14-16   | 16 | 8  | 3.2     | 4.5 | 5.5 | 3.5 | 5  | 2   | 9  |
| GN 653.2-M5-18-* | M5 | 18 | 2.5-4 | 4-10.5 | 10.5-12 | 20 | 10 | 4       | 5.5 | 6.5 | 4   | 6  | 2.5 | 13 |
| GN 653.2-M5-20-* | M5 | 20 | 4-6   | 6-12   | 12-14   | 20 | 10 | 4       | 5.5 | 6.5 | 4   | 6  | 2.5 | 13 |
| GN 653.2-M5-22-* | M5 | 22 | 6-8   | 8-14   | 14-16   | 20 | 10 | 4       | 5.5 | 6.5 | 4   | 6  | 2.5 | 13 |
| GN 653.2-M5-26-* | M5 | 26 | 8-12  | 12-16  | 16-18   | 20 | 10 | 4       | 5.5 | 6.5 | 4   | 6  | 2.5 | 14 |
| GN 653.2-M6-24-* | M6 | 24 | 3-6   | 6-13   | 13-16   | 24 | 12 | 4.8     | 6.5 | 8   | 5   | 8  | 3   | 23 |
| GN 653.2-M6-26-* | M6 | 26 | 6-8   | 8-16   | 16-18   | 24 | 12 | 4.8     | 6.5 | 8   | 5   | 8  | 3   | 24 |
| GN 653.2-M6-30-* | M6 | 30 | 8-12  | 12-18  | 18-22   | 24 | 12 | 4.8     | 6.5 | 8   | 5   | 8  | 3   | 30 |
| GN 653.2-M6-34-* | M6 | 34 | 12-16 | 16-22  | 22-26   | 24 | 12 | 4.8     | 6.5 | 8   | 5   | 8  | 3   | 32 |
| GN 653.2-M8-30-* | M8 | 30 | 4-8   | 8-16   | 16-20   | 30 | 16 | 6.5     | 8.5 | 9   | 6   | 10 | 4   | 44 |
| GN 653.2-M8-34-* | M8 | 34 | 8-12  | 12-20  | 20-24   | 30 | 16 | 6.5     | 8.5 | 9   | 6   | 10 | 4   | 45 |
| GN 653.2-M8-38-* | M8 | 38 | 12-16 | 16-24  | 24-28   | 30 | 16 | 6.5     | 8.5 | 9   | 6   | 10 | 4   | 48 |
| GN 653.2-M8-42-* | M8 | 42 | 16-20 | 20-28  | 28-32   | 30 | 16 | 6.5     | 8.5 | 9   | 6   | 10 | 4   | 50 |

Weight type NI