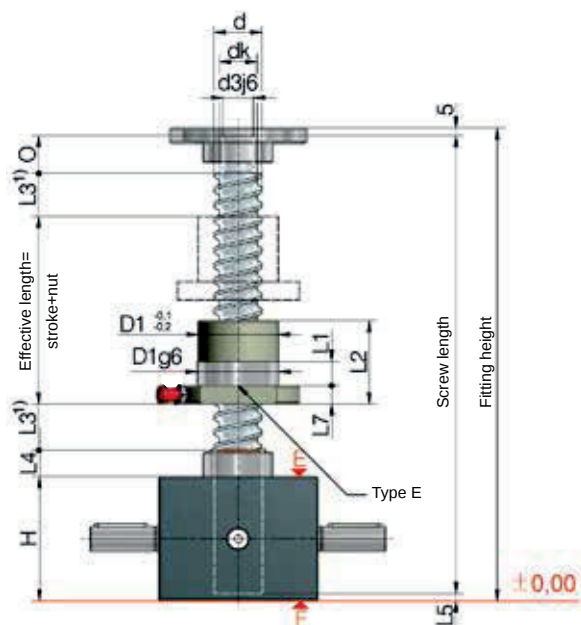




R

## GSZ 50 to 150 kN

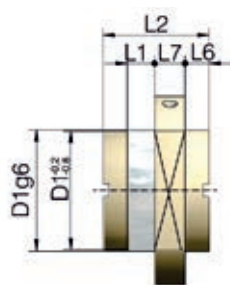
KGT-R | rotating screw



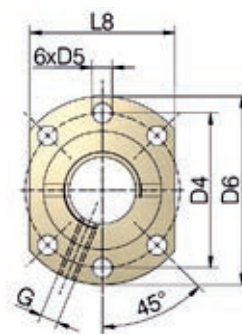
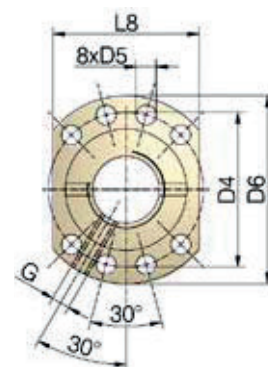
## Position of the flange nut:

G = flange gearbox side (as shown)

S = flange screw side



## Type S

Hole pattern 1  
to DIN 69051Hole pattern 2  
to DIN 69051

| Screw jacks | KGT Screw           | Stroke per drive revolution |      | KGT Load rating kN   |                          | Nut  |              | Lubrication hole | Axial play max <sup>3)</sup><br>mm |
|-------------|---------------------|-----------------------------|------|----------------------|--------------------------|------|--------------|------------------|------------------------------------|
|             | ØxP                 | RN                          | RL   | dyn. C <sup>2)</sup> | stat. Co=C <sub>0a</sub> | Type | Hole pattern | G                |                                    |
| GSZ-50      | 40x5                | 0,71                        | 0,18 | 27,5                 | 63,6                     | E    | 1            | M6               | 0,06                               |
|             | 40x10               | 1,43                        | 0,36 | 46,1                 | 71,3                     | E    | 1            | M8x1             | 0,06                               |
|             | 40x20               | 2,86                        | 0,72 | 44                   | 80,4                     | E    | 1            | M8x1             | 0,06                               |
|             | 40x40               | 5,71                        | 1,43 | 35                   | 101,9                    | E    | 1            | M8x1             | 0,06                               |
| GSZ-100     | 50x10               | 1,11                        | 0,28 | 122,4                | 248,6                    | E    | 1            | M8x1             | 0,06                               |
|             | 50x20               | 2,22                        | 0,56 | 127,3                | 270,3                    | E    | 1            | M8x1             | 0,06                               |
|             | 50x40               | 4,44                        | 1,11 | 84,7                 | 143,1                    | E    | 1            | M8x1             | 0,06                               |
|             | 50x50 <sup>4)</sup> | 5,56                        | 1,39 | 84,7                 | 143,1                    | E    | 1            | M8x1             | 0,03                               |
| GSZ-150     | 63x10               | 1,11                        | 0,28 | 150,2                | 598,4                    | E    | 2            | M8x1             | 0,03                               |
|             | 63x20               | 2,22                        | 0,56 | 173,5 <sup>5)</sup>  | 346,2                    | E    | 2            | M8x1             | 0,03                               |
|             | 63x40               | 4,44                        | 1,11 | 96,6                 | 205,1                    | E    | 2            | M8x1             | 0,03                               |
|             | 63x60 <sup>3)</sup> | 6,67                        | 1,67 | 59,5                 | 102,5                    | E    | 2            | M8x1             | 0,03                               |



| Screw jacks | KGT Screw           |    |      |      | Dimensions mm |     |                  |                   |      |                   |    |     |                  |    |    |     |    |               |
|-------------|---------------------|----|------|------|---------------|-----|------------------|-------------------|------|-------------------|----|-----|------------------|----|----|-----|----|---------------|
|             | ØxP                 | d  | dk   | d3j6 | O             | H   | D1               | D4                | D5   | D6                | L1 | L2  | L3 <sup>1)</sup> | L4 | L5 | L6  | L7 | L8            |
| GSZ-50      | 40x5                | 39 | 36,4 | 25   | 30            | 116 | 63               | 78                | 9    | 93                | 10 | 57  | 15               | 19 | 7  |     | 14 | 70            |
|             | 40x10               | 39 | 33,3 | 25   | 30            | 116 | 63               | 78                | 9    | 93                | 16 | 71  | 15               | 19 | 7  |     | 14 | 70            |
|             | 40x20               | 39 | 34,3 | 25   | 30            | 116 | 63               | 78                | 9    | 93                | 16 | 80  | 30               | 19 | 7  |     | 14 | 70            |
|             | 40x40               | 39 | 36,4 | 25   | 30            | 116 | 63               | 78                | 9    | 93                | 16 | 85  | 60               | 19 | 7  | 7,5 | 14 | <sup>3)</sup> |
| GSZ-100     | 50x10               | 49 | 43,3 | 40   | 45            | 160 | 75               | 93                | 11   | 110               | 16 | 107 | 20               | 30 | 8  |     | 16 | 85            |
|             | 50x20               | 49 | 43,3 | 40   | 45            | 160 | 85 <sup>6)</sup> | 103 <sup>6)</sup> | 11   | 120 <sup>6)</sup> | 16 | 125 | 40               | 30 | 8  |     | 16 | 95            |
|             | 50x40               | 50 | 41,1 | 40   | 45            | 160 | 85 <sup>6)</sup> | 103 <sup>6)</sup> | 11   | 120 <sup>6)</sup> | 16 | 125 | 80               | 30 | 8  |     | 16 | 95            |
|             | 50x50 <sup>4)</sup> | 50 | 41,1 | 40   | 45            | 160 | 85 <sup>6)</sup> | 103 <sup>6)</sup> | 11   | 120 <sup>6)</sup> | 16 | 145 | 100              | 30 | 8  |     | 16 | 95            |
| GSZ-150     | 63x10               | 63 | 56,6 | 45   | 55            | 185 | 90               | 108               | 11   | 125               | 16 | 135 | 20               | 32 | 7  |     | 18 | 95            |
|             | 63x20               | 63 | 51,8 | 45   | 55            | 185 | 95               | 115               | 13,5 | 135               | 25 | 135 | 40               | 32 | 7  |     | 20 | 100           |
|             | 63x40               | 63 | 54,1 | 45   | 55            | 185 | 95               | 115               | 13,5 | 135               | 25 | 126 | 80               | 32 | 7  |     | 20 | 100           |
|             | 63x60 <sup>3)</sup> | 63 | 54,1 | 45   | 55            | 185 | 95               | 115               | 13,5 | 135               | 25 | 126 | 120              | 32 | 7  |     | 20 | 100           |

1) Depending on the control system and drive, the dimension L3 and L4 can be reduced at your own discretion. An extension may be required if a bellows or spiral spring is fitted.

2) Dynamic load rating to DIN ISO 3408

3) Round flange

4) Non-preferred design

5) Reduced play 0,02 mm available on request

6) Not to DIN 69051