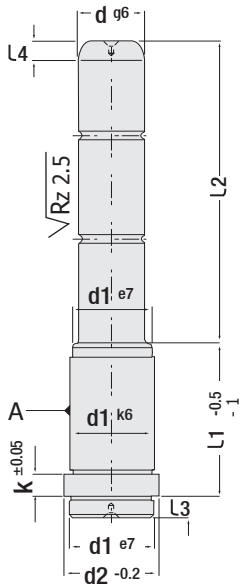




Code: **G13**

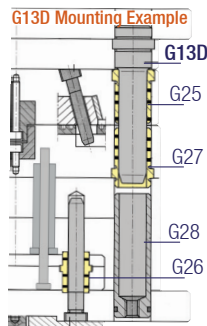
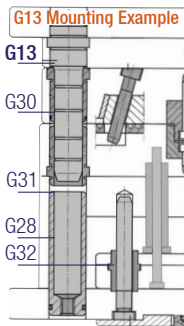
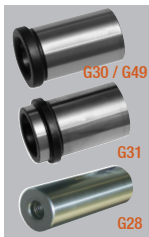
**Guide Pillar with Centring Collar**  
(with oil groove & without oil groove)



Code: **G13**

(without oil groove)  
"As per request!"

Code: **G13D**



**Guide Pillar with Centring Collar** (with oil groove & without oil groove) Code: **G13**

| d               | L1 | L2  | L3 | L4 | d1 | d2 | k |
|-----------------|----|-----|----|----|----|----|---|
| 15<br><b>14</b> | 17 | 35  | 9  | 5  | 20 | 25 | 6 |
|                 |    | 55  |    |    |    |    |   |
|                 |    | 75  |    |    |    |    |   |
|                 |    | 95  |    |    |    |    |   |
| 15<br><b>14</b> | 22 | 30  | 9  | 5  | 20 | 25 | 6 |
|                 |    | 50  |    |    |    |    |   |
|                 |    | 70  |    |    |    |    |   |
|                 |    | 90  |    |    |    |    |   |
|                 |    | 110 |    |    |    |    |   |
| 15<br><b>14</b> | 27 | 30  | 9  | 5  | 20 | 25 | 6 |
|                 |    | 45  |    |    |    |    |   |
|                 |    | 65  |    |    |    |    |   |
|                 |    | 85  |    |    |    |    |   |
|                 |    | 105 |    |    |    |    |   |
|                 |    | 125 |    |    |    |    |   |
| 15<br><b>14</b> | 36 | 35  | 9  | 5  | 20 | 25 | 6 |
|                 |    | 55  |    |    |    |    |   |
|                 |    | 75  |    |    |    |    |   |
|                 |    | 95  |    |    |    |    |   |
|                 |    | 115 |    |    |    |    |   |
|                 |    | 125 |    |    |    |    |   |
| 15<br><b>14</b> | 46 | 35  | 9  | 5  | 20 | 25 | 6 |
|                 |    | 45  |    |    |    |    |   |
|                 |    | 65  |    |    |    |    |   |
|                 |    | 85  |    |    |    |    |   |
|                 |    | 105 |    |    |    |    |   |
|                 |    | 125 |    |    |    |    |   |
| 15<br><b>14</b> | 56 | 35  | 9  | 5  | 20 | 25 | 6 |
|                 |    | 55  |    |    |    |    |   |
|                 |    | 75  |    |    |    |    |   |
|                 |    | 95  |    |    |    |    |   |
|                 |    | 135 |    |    |    |    |   |

| d               | L1  | L2  | L3 | L4 | d1 | d2 | k |
|-----------------|-----|-----|----|----|----|----|---|
| 15<br><b>14</b> | 66  | 55  | 9  | 5  | 20 | 25 | 6 |
|                 |     | 65  |    |    |    |    |   |
|                 |     | 85  |    |    |    |    |   |
|                 |     | 95  |    |    |    |    |   |
| 15<br><b>14</b> | 76  | 35  | 9  | 5  | 20 | 25 | 6 |
|                 |     | 55  |    |    |    |    |   |
|                 |     | 75  |    |    |    |    |   |
|                 |     | 95  |    |    |    |    |   |
|                 |     | 125 |    |    |    |    |   |
| 15<br><b>14</b> | 86  | 55  | 9  | 5  | 20 | 25 | 6 |
|                 |     | 75  |    |    |    |    |   |
|                 |     | 95  |    |    |    |    |   |
| 15<br><b>14</b> | 96  | 55  | 9  | 5  | 20 | 25 | 6 |
|                 |     | 75  |    |    |    |    |   |
|                 |     | 95  |    |    |    |    |   |
| 15<br><b>14</b> | 116 | 75  | 9  | 5  | 20 | 25 | 6 |
| 18<br><b>20</b> | 17  | 35  | 9  | 5  | 26 | 31 | 6 |
|                 |     | 55  |    |    |    |    |   |
|                 |     | 75  |    |    |    |    |   |
|                 |     | 120 |    |    |    |    |   |
| 18<br><b>20</b> | 22  | 35  | 9  | 5  | 26 | 31 | 6 |
|                 |     | 45  |    |    |    |    |   |
|                 |     | 65  |    |    |    |    |   |
|                 |     | 85  |    |    |    |    |   |
|                 |     | 95  |    |    |    |    |   |
| 18<br><b>20</b> | 27  | 35  | 9  | 5  | 26 | 31 | 6 |
|                 |     | 45  |    |    |    |    |   |
|                 |     | 65  |    |    |    |    |   |
|                 |     | 85  |    |    |    |    |   |
|                 |     | 105 |    |    |    |    |   |
|                 |     | 125 |    |    |    |    |   |
| 15<br><b>14</b> | 56  | 75  | 9  | 5  | 20 | 25 | 6 |
|                 |     | 95  |    |    |    |    |   |
|                 |     | 165 |    |    |    |    |   |
|                 |     | 225 |    |    |    |    |   |
|                 |     | 245 |    |    |    |    |   |

Order: **G13**. d x l1 x l2  
(with oil groove)

Order: **G13D**. d x l1 x l2  
(without oil groove)

Material: 1.1213 (Cr53)  
Hardness: 58 - 62 HRC

**Note:** To avoid wrong closing of mould holder plates, 2 different products are used.

**Main dimensions:** 14 - 20 - 24 - 30 - 40 other **auxiliary dimensions:** 15 - 18 - 22 - 32 - 42.

To avoid wrong closing of mould holder plates, can be used at 3 main dimensions guide pillar and 1 auxiliary dimension guide pillars. GTH mould pillars were polished with surface polishing machine at final stage of production. The products with oil groove are available in our stocks.

To be continued on the next page

Guide Pillar with Centring Collar

Code: **G13** (with oil groove)

Code: **G13D** (without oil groove)

| d               | l1 | l2              | l3 | l4 | d1 | d2 |    |    |   |   |    |    |
|-----------------|----|-----------------|----|----|----|----|----|----|---|---|----|----|
| 18<br><b>20</b> | 36 | 35              | 9  | 5  | 26 | 31 |    |    |   |   |    |    |
|                 |    | 55              |    |    |    |    |    |    |   |   |    |    |
|                 |    | 75              |    |    |    |    |    |    |   |   |    |    |
|                 |    | 95              |    |    |    |    |    |    |   |   |    |    |
|                 |    | 115             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 135             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 165             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 225             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 255             |    |    |    |    |    |    |   |   |    |    |
|                 |    | k:6             |    |    |    |    |    |    |   |   |    |    |
| 18<br><b>20</b> | 46 | 35              | 9  | 5  | 26 | 31 |    |    |   |   |    |    |
|                 |    | 45              |    |    |    |    |    |    |   |   |    |    |
|                 |    | 65              |    |    |    |    |    |    |   |   |    |    |
|                 |    | 85              |    |    |    |    |    |    |   |   |    |    |
|                 |    | 105             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 135             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 165             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 245             |    |    |    |    |    |    |   |   |    |    |
|                 |    | k:6             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 18<br><b>20</b> |    |    |    |    | 56 | 35 | 9 | 5 | 26 | 31 |
| 55              |    |                 |    |    |    |    |    |    |   |   |    |    |
| 75              |    |                 |    |    |    |    |    |    |   |   |    |    |
| 95              |    |                 |    |    |    |    |    |    |   |   |    |    |
| 115             |    |                 |    |    |    |    |    |    |   |   |    |    |
| 135             |    |                 |    |    |    |    |    |    |   |   |    |    |
| 155             |    |                 |    |    |    |    |    |    |   |   |    |    |
| k:6             |    |                 |    |    |    |    |    |    |   |   |    |    |
| 18<br><b>20</b> | 66 |                 | 35 | 9  | 5  | 26 |    | 31 |   |   |    |    |
|                 |    |                 | 55 |    |    |    |    |    |   |   |    |    |
|                 |    | 75              |    |    |    |    |    |    |   |   |    |    |
|                 |    | 95              |    |    |    |    |    |    |   |   |    |    |
|                 |    | 115             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 135             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 145             |    |    |    |    |    |    |   |   |    |    |
|                 |    | k:6             |    |    |    |    |    |    |   |   |    |    |
|                 |    | 18<br><b>20</b> | 76 |    |    |    | 35 |    | 9 | 5 | 26 | 31 |
|                 |    |                 |    |    |    |    | 55 |    |   |   |    |    |
| 75              |    |                 |    |    |    |    |    |    |   |   |    |    |
| 95              |    |                 |    |    |    |    |    |    |   |   |    |    |
| 115             |    |                 |    |    |    |    |    |    |   |   |    |    |
| 135             |    |                 |    |    |    |    |    |    |   |   |    |    |
| k:6             |    |                 |    |    |    |    |    |    |   |   |    |    |

| d               | l1  | l2  | l3 | l4 | d1 | d2 |
|-----------------|-----|-----|----|----|----|----|
| 18<br><b>20</b> | 86  | 55  | 9  | 5  | 26 | 31 |
|                 |     | 75  |    |    |    |    |
|                 |     | 95  |    |    |    |    |
|                 |     | 125 |    |    |    |    |
|                 |     | 135 |    |    |    |    |
|                 |     | k:6 |    |    |    |    |
| 18<br><b>20</b> | 96  | 55  | 9  | 5  | 26 | 31 |
|                 |     | 75  |    |    |    |    |
|                 |     | 95  |    |    |    |    |
|                 |     | k:6 |    |    |    |    |
| 18<br><b>20</b> | 116 | 75  | 9  | 5  | 26 | 31 |
|                 |     | 115 |    |    |    |    |
| 18<br><b>20</b> | 136 | 135 | 9  | 5  | 26 | 31 |
|                 |     | k:6 |    |    |    |    |
| 22<br><b>24</b> | 17  | 35  | 9  | 5  | 30 | 35 |
|                 |     | 55  |    |    |    |    |
|                 |     | 75  |    |    |    |    |
|                 |     | k:6 |    |    |    |    |
| 22<br><b>24</b> | 22  | 35  | 9  | 5  | 30 | 35 |
|                 |     | 55  |    |    |    |    |
|                 |     | 75  |    |    |    |    |
|                 |     | 95  |    |    |    |    |
|                 |     | 105 |    |    |    |    |
|                 |     | 130 |    |    |    |    |
| k:6             |     |     |    |    |    |    |
| 22<br><b>24</b> | 27  | 35  | 9  | 5  | 30 | 35 |
|                 |     | 45  |    |    |    |    |
|                 |     | 65  |    |    |    |    |
|                 |     | 85  |    |    |    |    |
|                 |     | 105 |    |    |    |    |
|                 |     | 125 |    |    |    |    |
|                 |     | 165 |    |    |    |    |
|                 |     | 205 |    |    |    |    |
|                 |     | 245 |    |    |    |    |
|                 |     | k:6 |    |    |    |    |
| 22<br><b>24</b> | 36  | 35  | 9  | 5  | 30 | 35 |
|                 |     | 55  |    |    |    |    |
|                 |     | 75  |    |    |    |    |
|                 |     | 95  |    |    |    |    |
|                 |     | 115 |    |    |    |    |
|                 |     | k:6 |    |    |    |    |

| d               | l1 | l2              | l3 | l4 | d1 | d2 |
|-----------------|----|-----------------|----|----|----|----|
| 22<br><b>24</b> | 36 | 135             | 9  | 5  | 30 | 35 |
|                 |    | 165             |    |    |    |    |
|                 |    | 205             |    |    |    |    |
|                 |    | 245             |    |    |    |    |
|                 |    | 285             |    |    |    |    |
|                 |    | k:6             |    |    |    |    |
| 22<br><b>24</b> | 46 | 35              | 9  | 5  | 30 | 35 |
|                 |    | 45              |    |    |    |    |
|                 |    | 65              |    |    |    |    |
|                 |    | 85              |    |    |    |    |
|                 |    | 105             |    |    |    |    |
|                 |    | 125             |    |    |    |    |
|                 |    | 165             |    |    |    |    |
|                 |    | 205             |    |    |    |    |
|                 |    | k:6             |    |    |    |    |
|                 |    | 22<br><b>24</b> |    |    |    |    |
| 55              |    |                 |    |    |    |    |
| 75              |    |                 |    |    |    |    |
| 95              |    |                 |    |    |    |    |
| 115             |    |                 |    |    |    |    |
| 135             |    |                 |    |    |    |    |
| 165             |    |                 |    |    |    |    |
| 205             |    |                 |    |    |    |    |
| k:6             |    |                 |    |    |    |    |
| 22<br><b>24</b> | 66 |                 | 35 | 9  | 5  | 30 |
|                 |    | 55              |    |    |    |    |
|                 |    | 75              |    |    |    |    |
|                 |    | 95              |    |    |    |    |
|                 |    | 115             |    |    |    |    |
|                 |    | 135             |    |    |    |    |
| 155             |    |                 |    |    |    |    |
| k:6             |    |                 |    |    |    |    |
| 22<br><b>24</b> | 76 | 35              | 9  | 5  | 30 | 35 |
|                 |    | 55              |    |    |    |    |
|                 |    | 75              |    |    |    |    |
|                 |    | 95              |    |    |    |    |
|                 |    | 115             |    |    |    |    |
|                 |    | 145             |    |    |    |    |
| k:6             |    |                 |    |    |    |    |
| 22<br><b>24</b> | 86 | 55              | 9  | 5  | 30 | 35 |
|                 |    | 75              |    |    |    |    |
|                 |    | 95              |    |    |    |    |
|                 |    | 125             |    |    |    |    |
|                 |    | 135             |    |    |    |    |
|                 |    | k:6             |    |    |    |    |
| 22<br><b>24</b> | 96 | 55              | 9  | 5  | 30 | 35 |
|                 |    | 75              |    |    |    |    |
|                 |    | 95              |    |    |    |    |
|                 |    | 125             |    |    |    |    |
|                 |    | k:6             |    |    |    |    |

| d               | l1  | l2  | l3 | l4 | d1 | d2 |
|-----------------|-----|-----|----|----|----|----|
| 22<br><b>24</b> | 106 | 55  | 9  | 5  | 30 | 35 |
|                 |     | 75  |    |    |    |    |
|                 |     | 95  |    |    |    |    |
|                 |     | 115 |    |    |    |    |
|                 |     | k:6 |    |    |    |    |
| 22<br><b>24</b> | 116 | 75  | 9  | 5  | 30 | 35 |
|                 |     | 115 |    |    |    |    |
|                 |     | 155 |    |    |    |    |
| 22<br><b>24</b> | 136 | 95  | 9  | 5  | 30 | 35 |
|                 |     | 135 |    |    |    |    |
| 32<br><b>30</b> | 27  | 35  | 9  | 7  | 42 | 47 |
|                 |     | 45  |    |    |    |    |
|                 |     | 65  |    |    |    |    |
|                 |     | 85  |    |    |    |    |
|                 |     | 105 |    |    |    |    |
|                 |     | 125 |    |    |    |    |
|                 |     | 145 |    |    |    |    |
|                 |     | 165 |    |    |    |    |
|                 |     | 185 |    |    |    |    |
|                 |     | 245 |    |    |    |    |
| 285             |     |     |    |    |    |    |
| k:6             |     |     |    |    |    |    |
| 32<br><b>30</b> | 36  | 35  | 9  | 7  | 42 | 47 |
|                 |     | 55  |    |    |    |    |
|                 |     | 75  |    |    |    |    |
|                 |     | 95  |    |    |    |    |
|                 |     | 115 |    |    |    |    |
|                 |     | 135 |    |    |    |    |
|                 |     | 155 |    |    |    |    |
|                 |     | 245 |    |    |    |    |
|                 |     | 285 |    |    |    |    |
|                 |     | k:6 |    |    |    |    |
| 32<br><b>30</b> | 46  | 45  | 9  | 7  | 42 | 47 |
|                 |     | 65  |    |    |    |    |
|                 |     | 85  |    |    |    |    |
|                 |     | 105 |    |    |    |    |
|                 |     | 125 |    |    |    |    |
|                 |     | 145 |    |    |    |    |
|                 |     | 165 |    |    |    |    |
|                 |     | 245 |    |    |    |    |
|                 |     | 285 |    |    |    |    |
|                 |     | k:6 |    |    |    |    |



Order: **G13**. d x l1 x l2  
(with oil groove)

Order: **G13D**. d x l1 x l2  
(without oil groove)

Material: 1.1213 (Cf53)  
Hardness: 58 - 62 HRC

**IMPORTANT! Injection Mould:** Our guide pillars & bushes cover standard mould systems. But, guide pillar & bushes with different tolerances should be selected for aluminum injection moulds (high temperature / pressure). It should be requested from our company (production with special materials).

To be continued on the next page

Guide Pillar with Centring Collar (with oil groove & without oil groove) Code: G13

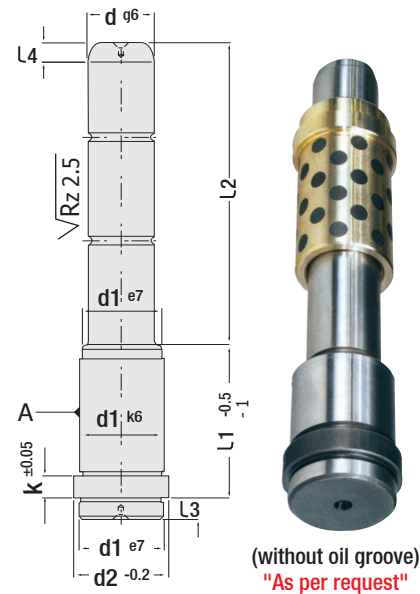
| d        | l1  | l2  | l3 | l4 | d1 | d2 | k |
|----------|-----|-----|----|----|----|----|---|
| 32<br>30 | 56  | 45  | 9  | 7  | 42 | 47 | 6 |
|          |     | 55  |    |    |    |    |   |
|          |     | 75  |    |    |    |    |   |
|          |     | 95  |    |    |    |    |   |
|          |     | 115 |    |    |    |    |   |
|          |     | 135 |    |    |    |    |   |
|          |     | 155 |    |    |    |    |   |
|          |     | 175 |    |    |    |    |   |
|          |     | 245 |    |    |    |    |   |
| 295      |     |     |    |    |    |    |   |
| 32<br>30 | 66  | 45  | 9  | 7  | 42 | 47 | 6 |
|          |     | 55  |    |    |    |    |   |
|          |     | 75  |    |    |    |    |   |
|          |     | 95  |    |    |    |    |   |
|          |     | 115 |    |    |    |    |   |
|          |     | 135 |    |    |    |    |   |
|          |     | 155 |    |    |    |    |   |
|          |     | 175 |    |    |    |    |   |
|          |     | 245 |    |    |    |    |   |
| 295      |     |     |    |    |    |    |   |
| 32<br>30 | 76  | 55  | 9  | 7  | 42 | 47 | 6 |
|          |     | 75  |    |    |    |    |   |
|          |     | 95  |    |    |    |    |   |
|          |     | 115 |    |    |    |    |   |
|          |     | 135 |    |    |    |    |   |
|          |     | 155 |    |    |    |    |   |
| 225      |     |     |    |    |    |    |   |
| 32<br>30 | 86  | 55  | 9  | 7  | 42 | 47 | 6 |
|          |     | 75  |    |    |    |    |   |
|          |     | 95  |    |    |    |    |   |
|          |     | 115 |    |    |    |    |   |
|          |     | 135 |    |    |    |    |   |
|          |     | 155 |    |    |    |    |   |
| 225      |     |     |    |    |    |    |   |
| 32<br>30 | 96  | 55  | 9  | 7  | 42 | 47 | 6 |
|          |     | 75  |    |    |    |    |   |
|          |     | 95  |    |    |    |    |   |
|          |     | 115 |    |    |    |    |   |
|          |     | 135 |    |    |    |    |   |
|          |     | 155 |    |    |    |    |   |
| 205      |     |     |    |    |    |    |   |
| 32<br>30 | 106 | 75  | 9  | 7  | 42 | 47 | 6 |
|          |     | 95  |    |    |    |    |   |
|          |     | 115 |    |    |    |    |   |
|          |     | 125 |    |    |    |    |   |
|          |     | 145 |    |    |    |    |   |
|          |     | 165 |    |    |    |    |   |

| d        | l1  | l2  | l3 | l4 | d1 | d2 | k  |
|----------|-----|-----|----|----|----|----|----|
| 32<br>30 | 116 | 75  | 9  | 7  | 42 | 47 | 6  |
|          |     | 95  |    |    |    |    |    |
|          |     | 115 |    |    |    |    |    |
|          |     | 135 |    |    |    |    |    |
|          |     | 155 |    |    |    |    |    |
| 32<br>30 | 136 | 95  | 9  | 7  | 42 | 47 | 6  |
|          |     | 115 |    |    |    |    |    |
|          |     | 135 |    |    |    |    |    |
|          |     | 155 |    |    |    |    |    |
| 32<br>30 | 156 | 115 | 9  | 7  | 42 | 47 | 6  |
|          |     | 155 |    |    |    |    |    |
| 32<br>30 | 196 | 155 | 9  | 7  | 42 | 47 | 6  |
|          |     | 195 |    |    |    |    |    |
| 42<br>40 | 46  | 95  | 12 | 10 | 54 | 60 | 10 |
|          |     | 165 |    |    |    |    |    |
| 42<br>40 | 56  | 75  | 12 | 10 | 54 | 60 | 10 |
|          |     | 115 |    |    |    |    |    |
|          |     | 155 |    |    |    |    |    |
|          |     | 195 |    |    |    |    |    |
| 42<br>40 | 66  | 75  | 12 | 10 | 54 | 60 | 10 |
|          |     | 135 |    |    |    |    |    |
| 42<br>40 | 76  | 75  | 12 | 10 | 54 | 60 | 10 |
|          |     | 115 |    |    |    |    |    |
|          |     | 175 |    |    |    |    |    |
| 42<br>40 | 86  | 75  | 12 | 10 | 54 | 60 | 10 |
|          |     | 135 |    |    |    |    |    |
| 42<br>40 | 96  | 75  | 12 | 10 | 54 | 60 | 10 |
|          |     | 115 |    |    |    |    |    |
|          |     | 155 |    |    |    |    |    |
| 42<br>40 | 116 | 95  | 12 | 10 | 54 | 60 | 10 |
|          |     | 135 |    |    |    |    |    |
|          |     | 195 |    |    |    |    |    |
| 42<br>40 | 136 | 95  | 12 | 10 | 54 | 60 | 10 |
|          |     | 135 |    |    |    |    |    |
|          |     | 215 |    |    |    |    |    |
| 42<br>40 | 156 | 115 | 12 | 10 | 54 | 60 | 10 |
|          |     | 155 |    |    |    |    |    |
| 42<br>40 | 196 | 155 | 12 | 10 | 54 | 60 | 10 |
|          |     | 235 |    |    |    |    |    |
| 42<br>40 | 246 | 165 | 12 | 10 | 54 | 60 | 10 |
|          |     | 245 |    |    |    |    |    |



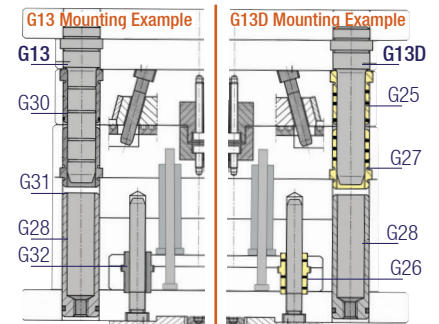
Code: G13

Guide Pillar with Centring Collar (with oil groove & without oil groove)



Code: G13

Code: G13D



To be continued on the previous page



Order : G13. d x l1 x l2  
(G13D = without oil groove)