

## Locating pins with ball-end Form A

### Item description/product images



### Description

#### Material:

Tool steel or 1.4305 stainless steel.

#### Version:

Steel hardened and ground.

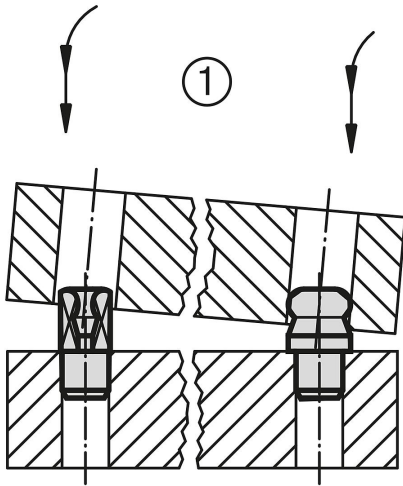
Stainless steel ground and kolsterised.

#### Note:

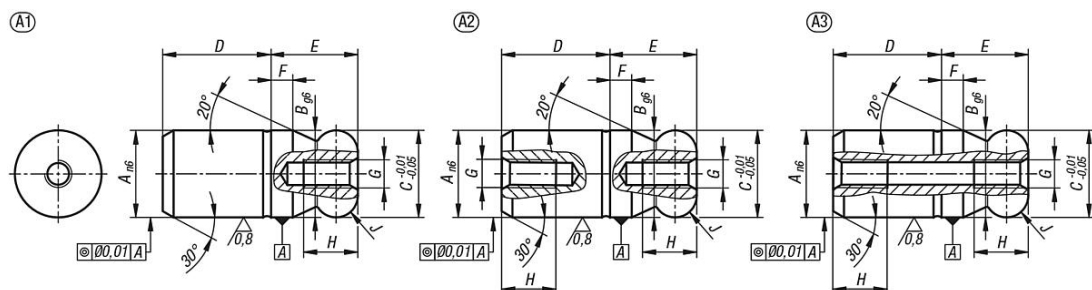
Ball end locating pins are specially designed to ease the locating process. The tendency to jam, caused by the locating hole not being at right angles to the pin or by the pushing force not being parallel to the pin axis, is minimized by the ball-end form (see illustration 1)

#### Drawing reference:

- 1) Internal thread one side in blind hole
- 2) Internal thread both sides in blind holes
- 3) Internal thread both sides in through hole



### Drawings



### Overview of items

#### Locating pins with ball-end Form A

| Order No. | Material   | Size | A  | B  | C  | D  | E  | F   | G    | H   | J     | Threaded core hole |
|-----------|------------|------|----|----|----|----|----|-----|------|-----|-------|--------------------|
| K0350.05  | tool steel | 1    | 5  | 5  | 5  | 6  | 5  | 2   | M2,5 | 4,5 | R 1   | Blind hole         |
| K0350.06  | tool steel | 1    | 6  | 6  | 6  | 8  | 6  | 2   | M3   | 5   | R 1   | Blind hole         |
| K0350.08  | tool steel | 1    | 8  | 8  | 8  | 10 | 8  | 2   | M3   | 6   | R 2   | Blind hole         |
| K0350.10  | tool steel | 1    | 10 | 10 | 10 | 13 | 10 | 2,5 | M3   | 6   | R 2,5 | Blind hole         |
| K0350.12  | tool steel | 1    | 12 | 12 | 12 | 15 | 12 | 3   | M4   | 8   | R 3   | Blind hole         |
| K0350.14  | tool steel | 1    | 14 | 14 | 14 | 17 | 14 | 3,5 | M4   | 8   | R 3,5 | Blind hole         |
| K0350.16  | tool steel | 1    | 16 | 16 | 16 | 20 | 16 | 4   | M5   | 10  | R 4   | Blind hole         |
| K0350.20  | tool steel | 1    | 20 | 20 | 20 | 25 | 20 | 5   | M5   | 10  | R 5   | Blind hole         |
| K0350.25  | tool steel | 1    | 25 | 25 | 25 | 25 | 25 | 6   | M5   | 10  | R 6   | Blind hole         |
| K0350.30  | tool steel | 1    | 30 | 30 | 30 | 30 | 30 | 8   | M6   | 12  | R 8   | Blind hole         |
| K0350.40  | tool steel | 1    | 40 | 40 | 40 | 40 | 40 | 10  | M6   | 12  | R 10  | Blind hole         |
| K0350.50  | tool steel | 1    | 50 | 50 | 50 | 50 | 50 | 12  | M6   | 12  | R 12  | Blind hole         |

## Locating pins with ball-end Form A

### Overview of items

| Order No.   | Material        | Size | A  | B  | C  | D  | E  | F   | G    | H   | J     | Threaded core hole |
|-------------|-----------------|------|----|----|----|----|----|-----|------|-----|-------|--------------------|
| K0350.505   | stainless steel | 1    | 5  | 5  | 5  | 6  | 5  | 2   | M2,5 | 4,5 | R 1   | Blind hole         |
| K0350.506   | stainless steel | 1    | 6  | 6  | 6  | 8  | 6  | 2   | M3   | 5   | R 1   | Blind hole         |
| K0350.508   | stainless steel | 1    | 8  | 8  | 8  | 10 | 8  | 2   | M3   | 6   | R 2   | Blind hole         |
| K0350.510   | stainless steel | 1    | 10 | 10 | 10 | 13 | 10 | 2,5 | M3   | 6   | R 2,5 | Blind hole         |
| K0350.512   | stainless steel | 1    | 12 | 12 | 12 | 15 | 12 | 3   | M4   | 8   | R 3   | Blind hole         |
| K0350.514   | stainless steel | 1    | 14 | 14 | 14 | 17 | 14 | 3,5 | M4   | 8   | R 3,5 | Blind hole         |
| K0350.516   | stainless steel | 1    | 16 | 16 | 16 | 20 | 16 | 4   | M5   | 10  | R 4   | Blind hole         |
| K0350.520   | stainless steel | 1    | 20 | 20 | 20 | 25 | 20 | 5   | M5   | 10  | R 5   | Blind hole         |
| K0350.1002  | tool steel      | 2    | 10 | 10 | 10 | 13 | 10 | 2,5 | M3   | 6   | R 2,5 | Blind hole         |
| K0350.1202  | tool steel      | 2    | 12 | 12 | 12 | 15 | 12 | 3   | M4   | 8   | R 3   | Blind hole         |
| K0350.1402  | tool steel      | 2    | 14 | 14 | 14 | 17 | 14 | 3,5 | M4   | 8   | R 3,5 | Blind hole         |
| K0350.1602  | tool steel      | 2    | 16 | 16 | 16 | 20 | 16 | 4   | M5   | 10  | R 4   | Blind hole         |
| K0350.2002  | tool steel      | 2    | 20 | 20 | 20 | 25 | 20 | 5   | M5   | 10  | R 5   | Blind hole         |
| K0350.2502  | tool steel      | 2    | 25 | 25 | 25 | 25 | 25 | 6   | M5   | 10  | R 6   | Blind hole         |
| K0350.3002  | tool steel      | 2    | 30 | 30 | 30 | 30 | 30 | 8   | M6   | 12  | R 8   | Blind hole         |
| K0350.4002  | tool steel      | 2    | 40 | 40 | 40 | 40 | 40 | 10  | M6   | 12  | R 10  | Blind hole         |
| K0350.5002  | tool steel      | 2    | 50 | 50 | 50 | 50 | 50 | 12  | M6   | 12  | R 12  | Blind hole         |
| K0350.51002 | stainless steel | 2    | 10 | 10 | 10 | 13 | 10 | 2,5 | M3   | 6   | R 2,5 | Blind hole         |
| K0350.51202 | stainless steel | 2    | 12 | 12 | 12 | 15 | 12 | 3   | M4   | 8   | R 3   | Blind hole         |
| K0350.51402 | stainless steel | 2    | 14 | 14 | 14 | 17 | 14 | 3,5 | M4   | 8   | R 3,5 | Blind hole         |
| K0350.51602 | stainless steel | 2    | 16 | 16 | 16 | 20 | 16 | 4   | M5   | 10  | R 4   | Blind hole         |
| K0350.52002 | stainless steel | 2    | 20 | 20 | 20 | 25 | 20 | 5   | M5   | 10  | R 5   | Blind hole         |
| K0350.0502  | tool steel      | 3    | 5  | 5  | 5  | 6  | 5  | 2   | M2,5 | 4,5 | R 1   | Through hole       |
| K0350.0602  | tool steel      | 3    | 6  | 6  | 6  | 8  | 6  | 2   | M3   | 5   | R 1   | Through hole       |
| K0350.0802  | tool steel      | 3    | 8  | 8  | 8  | 10 | 8  | 2   | M3   | 6   | R 2   | Through hole       |
| K0350.50502 | stainless steel | 3    | 5  | 5  | 5  | 6  | 5  | 2   | M2,5 | 4,5 | R 1   | Through hole       |
| K0350.50602 | stainless steel | 3    | 6  | 6  | 6  | 8  | 6  | 2   | M3   | 5   | R 1   | Through hole       |
| K0350.50802 | stainless steel | 3    | 8  | 8  | 8  | 10 | 8  | 2   | M3   | 6   | R 2   | Through hole       |