

# Rod ends with plain bearing external thread, stainless steel

## Item description/product images



## Description

### Material:

Housing forged 1.4057 stainless steel.

Ball joint 1.4034 hardened and ground.

Bearing shell 1.4571 stainless steel.

### Version:

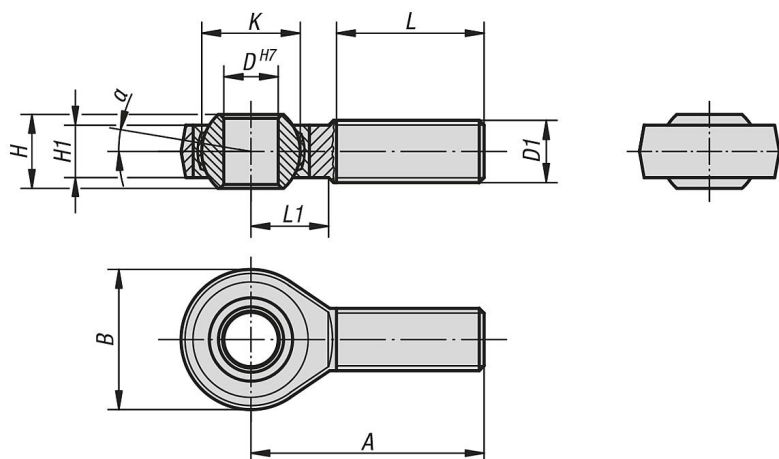
Polished.

### Note:

The rod end bearing is maintenance-free.

The connection dimensions comply with DIN 648 Form Series KA.

## Drawings



## Overview of items

### Rod ends with plain bearing external thread, stainless steel

| Order No. | Version   | D  | D1      | A  | B  | H  | H1   | K     | L  | L1 | α   | Dynamic base loads<br>kN | Static base loads<br>kN |
|-----------|-----------|----|---------|----|----|----|------|-------|----|----|-----|--------------------------|-------------------------|
| K0720.05  | RH thread | 5  | M5      | 33 | 18 | 8  | 6    | 11,11 | 20 | 9  | 13° | 7,5                      | 6,2                     |
| K0720.06  | RH thread | 6  | M6      | 36 | 20 | 9  | 6,75 | 12,7  | 22 | 12 | 13° | 9,3                      | 8,8                     |
| K0720.08  | RH thread | 8  | M8      | 42 | 24 | 12 | 9    | 15,87 | 25 | 15 | 13° | 16,7                     | 16,1                    |
| K0720.10  | RH thread | 10 | M10     | 48 | 28 | 14 | 10,5 | 19,05 | 29 | 15 | 13° | 23,4                     | 25,5                    |
| K0720.12  | RH thread | 12 | M12     | 54 | 32 | 16 | 12   | 22,22 | 33 | 19 | 13° | 32                       | 34,5                    |
| K0720.16  | RH thread | 16 | M16     | 66 | 42 | 21 | 15   | 28,57 | 40 | 22 | 15° | 52,7                     | 60,6                    |
| K0720.20  | RH thread | 20 | M20x1,5 | 78 | 50 | 25 | 18   | 34,92 | 47 | 28 | 15° | 78,1                     | 83,1                    |
| K0720.22  | RH thread | 22 | M22x1,5 | 84 | 54 | 28 | 20   | 38,1  | 51 | 26 | 15° | 97,2                     | 99,7                    |
| K0720.051 | LH thread | 5  | M5      | 33 | 18 | 8  | 6    | 11,11 | 20 | 9  | 13° | 7,5                      | 6,2                     |
| K0720.061 | LH thread | 6  | M6      | 36 | 20 | 9  | 6,75 | 12,7  | 22 | 12 | 13° | 9,3                      | 8,8                     |
| K0720.081 | LH thread | 8  | M8      | 42 | 24 | 12 | 9    | 15,87 | 25 | 15 | 13° | 16,7                     | 16,1                    |
| K0720.101 | LH thread | 10 | M10     | 48 | 28 | 14 | 10,5 | 19,05 | 29 | 15 | 13° | 23,4                     | 25,5                    |
| K0720.121 | LH thread | 12 | M12     | 54 | 32 | 16 | 12   | 22,22 | 33 | 19 | 13° | 32                       | 34,5                    |
| K0720.161 | LH thread | 16 | M16     | 66 | 42 | 21 | 15   | 28,57 | 40 | 22 | 15° | 52,7                     | 60,6                    |
| K0720.201 | LH thread | 20 | M20x1,5 | 78 | 50 | 25 | 18   | 34,92 | 47 | 28 | 15° | 78,1                     | 83,1                    |
| K0720.221 | LH thread | 22 | M22x1,5 | 84 | 54 | 28 | 20   | 38,1  | 51 | 26 | 15° | 97,2                     | 99,7                    |

