

## Self-aligning pads, external thread, with O-ring, Form 0, stainless steel ball with diamond impregnated face

Item description/product images



### Description

#### Material:

Body carbon steel.

Ball stainless steel with diamond surface.

#### Version:

Body tempered, black oxidised.

Ball surface comparable to 100 grade abrasive grit.

#### Note:

The self-aligning pads are used to support and clamp unmachined and machined workpieces.

In addition, they serve as stops, supports and pressure pieces in fixtures and toolmaking.

Ball secured against rotation.

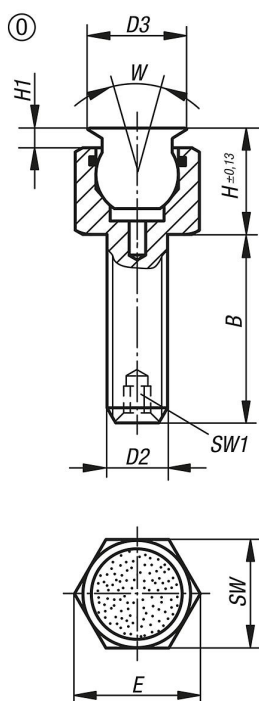
Form 0: The abrasive diamond surface is bonded firmly to the ball. It is ideally suited to supporting smooth or slippery applications with a minimum of clamping pressure. This allows the diamond particles to get a firm grip on a very small area with minimum damage to the surface.

The diamond surface offers excellent wear resistance.

#### Advantages:

The built-in O-ring holds the ball in place and keeps dirt and foreign particles out, ensuring uniform movement.

### Drawings



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### Overview of items

| Order No.     | Form | B  | D2  | D3 | H    | H1 | E    | SW | Ball-Ø | Load rating<br>max. kN<br>(static load only) |
|---------------|------|----|-----|----|------|----|------|----|--------|--|
| K0288.506X012 | 0    | 12 | M6  | 8  | 10   | 2  | 11,5 | 10 | 7      | 9,2  |
| K0288.506X025 | 0    | 25 | M6  | 8  | 10   | 2  | 11,5 | 10 | 7      | 9,2  |
| K0288.506X040 | 0    | 40 | M6  | 8  | 10   | 2  | 11,5 | 10 | 7      | 9,2  |
| K0288.508X012 | 0    | 12 | M8  | 11 | 14,5 | 3  | 15   | 13 | 10     | 15,5   |
| K0288.508X025 | 0    | 25 | M8  | 11 | 14,5 | 3  | 15   | 13 | 10     | 15,5   |
| K0288.508X040 | 0    | 40 | M8  | 11 | 14,5 | 3  | 15   | 13 | 10     | 15,5   |
| K0288.510X015 | 0    | 15 | M10 | 14 | 16   | 3  | 19,6 | 17 | 13     | 18,8   |
| K0288.510X030 | 0    | 30 | M10 | 14 | 16   | 3  | 19,6 | 17 | 13     | 18,8   |
| K0288.510X050 | 0    | 50 | M10 | 14 | 16   | 3  | 19,6 | 17 | 13     | 18,8   |
| K0288.512X020 | 0    | 20 | M12 | 19 | 19   | 4  | 21,9 | 19 | 15     | 29,8   |
| K0288.512X040 | 0    | 40 | M12 | 19 | 19   | 4  | 21,9 | 19 | 15     | 29,8   |
| K0288.512X060 | 0    | 60 | M12 | 19 | 19   | 4  | 21,9 | 19 | 15     | 29,8   |
| K0288.516X025 | 0    | 25 | M16 | 21 | 23   | 4  | 27,7 | 24 | 20     | 50,3   |
| K0288.516X050 | 0    | 50 | M16 | 21 | 23   | 4  | 27,7 | 24 | 20     | 50,3   |
| K0288.516X080 | 0    | 80 | M16 | 21 | 23   | 4  | 27,7 | 24 | 20     | 50,3   |