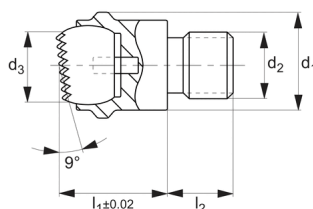
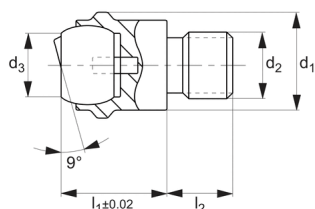


# Self-Aligning Pads

## Self-Aligning Pads



# Self-Aligning Pads



## 34090

SELF-ALIGNING PADS

### Material

Spring element: thermoplastic PUR.

Ball: Ball-bearing steel, hardened, bright.  
stainless steel 1.3541, nickel-plated.

Body: Heat-treated steel, tempered, phos-

phated. stainless steel 1.4057, heat-treated.

### Technical Notes

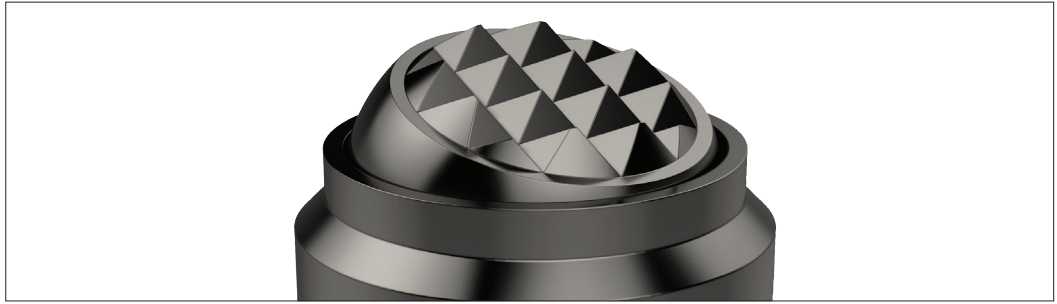
Ball protected against rotating.

loading capacity valid for steel and stainless steel design.

| Order No.   | Material                | Ball | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | l <sub>1</sub> | l <sub>2</sub><br>-0.5 | A/F | Load capacity for static load<br>kN<br>max. | Tightening torque<br>Nm<br>max. | Weight<br>g |
|-------------|-------------------------|------|----------------|----------------|----------------|----------------|------------------------|-----|---------------------------------------------|---------------------------------|-------------|
| 34090.W0012 | Steel Plain Surface     | 10   | 13             | M 6            | 7.2            | 13             | 8                      | 11  | 10                                          | 13                              | 13          |
| 34090.W0013 | Steel Plain Surface     | 10   | 13             | M 8            | 7.2            | 13             | 8                      | 11  | 10                                          | 14                              | 14          |
| 34090.W0018 | Steel Plain Surface     | 16   | 20             | M 8            | 10.5           | 18             | 10                     | 17  | 25                                          | 25                              | 39          |
| 34090.W0019 | Steel Plain Surface     | 16   | 20             | M10            | 10.5           | 18             | 10                     | 17  | 25                                          | 46                              | 40          |
| 34090.W0020 | Steel Plain Surface     | 16   | 20             | M10            | 10.5           | 18             | 10                     | 17  | 25                                          | 46                              | 44          |
| 34090.W0030 | Steel Plain Surface     | 25   | 30             | M16            | 20             | 27             | 16                     | 27  | 90                                          | 206                             | 153         |
| 34090.W0050 | Steel Plain Surface     | 40   | 50             | M20            | 34.5           | 35             | 20                     | 41  | 165                                         | 407                             | 491         |
| 34090.W0060 | Steel Plain Surface     | 40   | 50             | M24            | 34.5           | 35             | 24                     | 41  | 165                                         | 698                             | 526         |
| 34090.W0112 | Stainless Plain Surface | 10   | 13             | M 6            | 7.2            | 13             | 8                      | 11  | 10                                          | 13                              | 13          |
| 34090.W0113 | Stainless Plain Surface | 10   | 13             | M 8            | 7.2            | 13             | 8                      | 11  | 10                                          | 14                              | 14          |
| 34090.W0118 | Stainless Plain Surface | 16   | 20             | M 8            | 10.5           | 18             | 10                     | 17  | 25                                          | 25                              | 39          |
| 34090.W0119 | Stainless Plain Surface | 16   | 20             | M10            | 10.5           | 18             | 10                     | 17  | 25                                          | 46                              | 40          |
| 34090.W0120 | Stainless Plain Surface | 16   | 20             | M10            | 10.5           | 18             | 10                     | 17  | 25                                          | 46                              | 44          |
| 34090.W0130 | Stainless Plain Surface | 25   | 30             | M16            | 20             | 27             | 16                     | 27  | 90                                          | 206                             | 153         |
| 34090.W0150 | Stainless Plain Surface | 40   | 50             | M20            | 34.5           | 35             | 20                     | 41  | 165                                         | 407                             | 491         |
| 34090.W0160 | Stainless Plain Surface | 40   | 50             | M24            | 34.5           | 35             | 24                     | 41  | 165                                         | 698                             | 526         |
| 34090.W0312 | Steel Ribbed Surface    | 10   | 13             | M 6            | 7.2            | 13             | 8                      | 11  | 10                                          | 13                              | 13          |
| 34090.W0313 | Steel Ribbed Surface    | 10   | 13             | M 8            | 7.2            | 13             | 8                      | 11  | 10                                          | 14                              | 14          |
| 34090.W0318 | Steel Ribbed Surface    | 16   | 20             | M 8            | 10.5           | 18             | 10                     | 17  | 25                                          | 25                              | 39          |
| 34090.W0319 | Steel Ribbed Surface    | 16   | 20             | M10            | 10.5           | 18             | 10                     | 17  | 25                                          | 46                              | 40          |
| 34090.W0320 | Steel Ribbed Surface    | 16   | 20             | M10            | 10.5           | 18             | 10                     | 17  | 25                                          | 46                              | 44          |
| 34090.W0330 | Steel Ribbed Surface    | 25   | 30             | M16            | 20             | 27             | 16                     | 27  | 90                                          | 206                             | 153         |
| 34090.W0350 | Steel Ribbed Surface    | 40   | 50             | M20            | 34.5           | 35             | 20                     | 41  | 165                                         | 407                             | 491         |
| 34090.W0360 | Steel Ribbed Surface    | 40   | 50             | M24            | 34.5           | 35             | 24                     | 41  | 165                                         | 698                             | 526         |

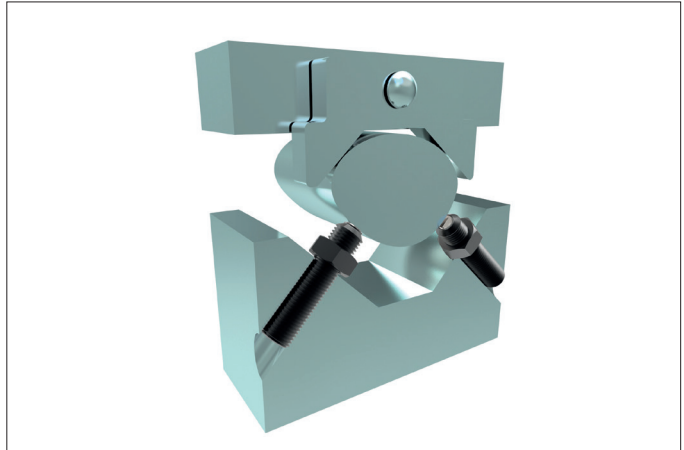


Clamping, supporting and aligning non-parallel and uneven surfaces is greatly simplified with the use of Wixroyd self-aligning pads and thrust screws. Available with ridged faces for improved holding of cast components, or plastic faces for holding more delicate parts.



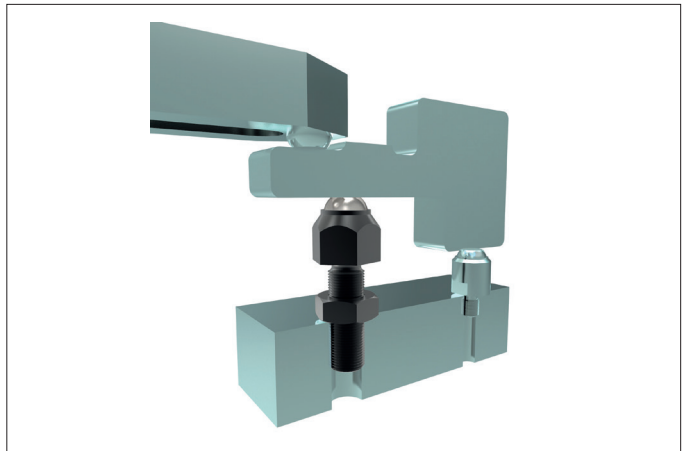
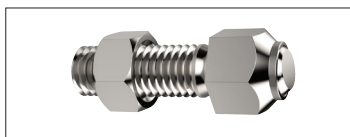
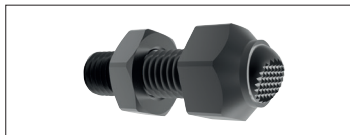
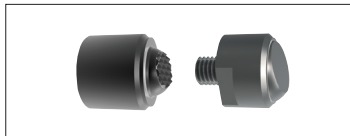
### Self-aligning Thrust Screws

**34000 to 34060** - Self-aligning thrust screws in sizes M6 to M24, ideal for clamping or supporting non-parallel surfaces.



### Self-aligning Pads

**34080 to 34121** - Self-aligning pads, both male and female mounting, ideal for accommodating variations between parts in fixtures.



### Thrust Screws

**34140 to 34160** - Thrust screws, with either brass or thermoplastic pads, are suitable for gentle clamping and positioning more delicate parts.

