



# MBA

# 2020.1

## Dowel Pins

Carbon Steel and Stainless Steel

### Dowel Pins



**Din 6325, ISO 2338  
Chamfered Ends**



**Din 7  
Rounded Ends**

Catalogue includes dowel pins of type Din 6325 (ISO 2338) and Din 7 in various materials.

Dowel pins provide an almost permanent fixing between two mating parts. Once assembled they are very difficult to remove.

Types 1 and 2 (Din 6325/ISO2338) lengths are measured over the entire length whilst type 3 (Din 7) rounded end pins are measured excluding the rounded end.

The end can be filed or ground off after assembly to disguise the fixing area.

Pins with vents assist with assembly and extraction in blind holes by preventing trapped air.

Type 1 and 2 pins are generally interchangeable.

Taper pins and dowel bushings are not included in this catalogue and can instead be found in our PINS general catalogue.

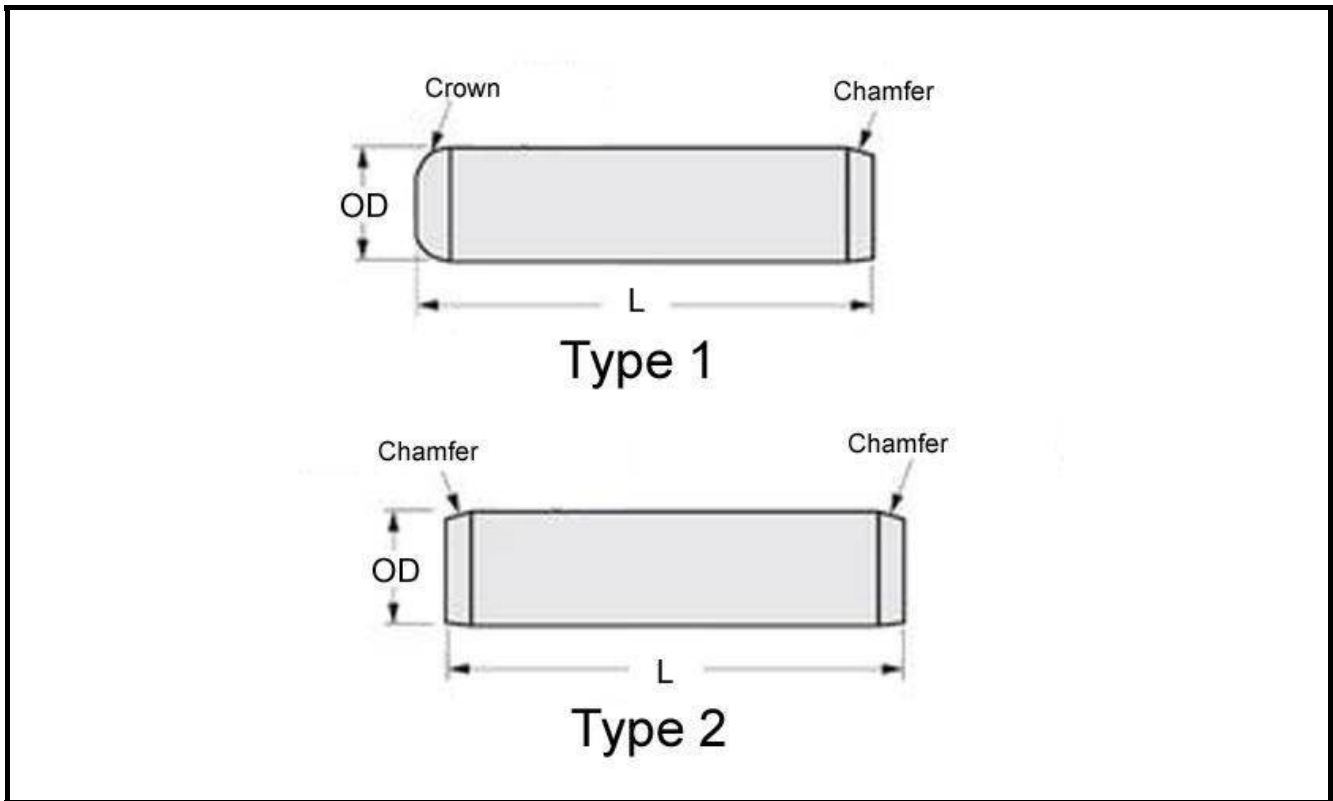
Type the part number from this catalogue into the search box on any web page for more information, pricing and availability.

# Diagrams and Pictures

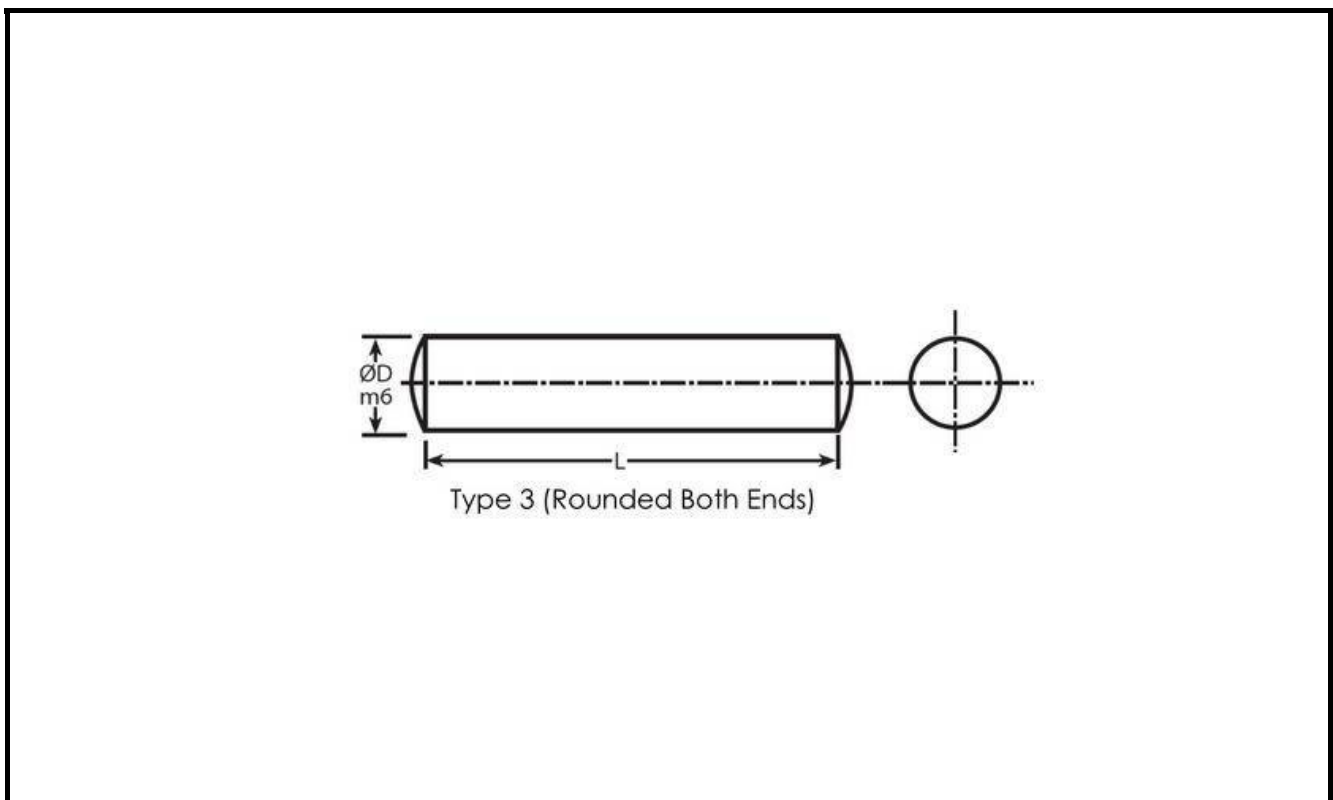
**Notes! Dowel Pins are NOT the same as needle rollers. Do not substitute.**

**Types 1 and 2 dowel pins are generally considered interchangeable. We may substitute types 1 and 2 pins unless your order specifically requests no substitutes.**

## Dowel Pins - Chamfered End



## Dowel Pins - Rounded End



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |  |
|--------------------------------------|-------------------|----------------------|--------------------|--|
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 2.39<br>+/-0.254  | 2.39<br>+/-0.254     | DP007-002-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 3.18<br>+/-0.254  | 3.18<br>+/-0.254     | DP007-003-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 3.96<br>+/-0.254  | 3.96<br>+/-0.254     | DP007-004-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 4.78<br>+/-0.254  | 4.78<br>+/-0.254     | DP007-005-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 5.56<br>+/-0.254  | 5.56<br>+/-0.254     | DP007-006-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP007-007-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 7.93<br>+/-0.254  | 7.93<br>+/-0.254     | DP007-008-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP007-010-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 11.13<br>+/-0.350 | 11.13<br>+/-0.350    | DP007-011-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 12.70<br>+/-0.254 | 13.10                | DP007-013-303-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80               |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 14.28<br>+/-0.350 | 14.28<br>+/-0.350    | DP007-014-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP007-016-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP007-019-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.792 (0.031")<br>+0.002/+0.008 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP007-022-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 0.800 (0.031")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.00<br>+/-0.254     | DP008-004-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 0.800 (0.031")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | DP008-005-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 0.800 (0.031")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP008-006-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 0.800 (0.031")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | DP008-008-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 0.800 (0.031")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP008-010-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 0.800 (0.031")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP008-012-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.00<br>+/-0.254     | DP010-004-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.00<br>+/-0.254     | DP010-004-303-2F06 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.00<br>+/-0.254     | DP010-004-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.50                 | * DP010-004-303-3  | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80               |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | * DP010-005-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | DP010-005-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | ** DP010-006-CH-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP010-006-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.50                 | * DP010-006-303-3  | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80               |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | ** DP010-008-CH-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | DP010-008-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number          |  |
|--------------------------------------|-------------------|----------------------|----------------------|--|
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | * DP010-010-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP010-010-303-2      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | ** DP010-012-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP010-012-303-2      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.254 | 12.50                | * DP010-012-303-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80               |
| 1.000 (0.039")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP010-016-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.00<br>+/-0.254     | DP015-004-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.00<br>+/-0.254     | DP015-004-303-2      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.80                 | * DP015-006-303-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80               |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | DP015-005-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | DP015-005-303-2      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP015-006-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP015-006-303-2      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.80                 | DP015-006-316-3      | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                         |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | DP015-008-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.80                 | DP015-008-303-3      | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80               |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.80                 | DP015-008-316-3      | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                         |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 9.00<br>+/-0.254  | 9.80                 | DP015-009-316-3      | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                         |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 9.00<br>+/-0.254  | 10.00                | DP015-010-SPF899-316 | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless ASTM F899               |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP015-010-304-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 304 Stainless HRB80        |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP015-010-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.254 | 10.80                | DP015-010-316-3      | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                         |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP015-012-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP015-012-303-2      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.254 | 12.80                | DP015-012-316-3      | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                         |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP015-014-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP015-014-303-2      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP015-016-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP015-016-303-2      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.254 | 16.80                | DP015-016-316-3      | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                         |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP015-018-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number          |  |
|--------------------------------------|-------------------|----------------------|----------------------|--|
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP015-020-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | * DP015-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 23.00<br>+/-0.254 | 24.00                | DP015-024-SPF899-316 | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless ASTM F899               |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP015-024-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | * DP015-026-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | ** DP015-028-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.500 (0.059")<br>+0.002/+0.008 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP015-030-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 2.39<br>+/-0.254  | 2.39<br>+/-0.254     | DP016-002-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 3.18<br>+/-0.254  | 3.18<br>+/-0.254     | DP016-003-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 3.96<br>+/-0.254  | 3.96<br>+/-0.254     | DP016-004-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 4.76<br>+/-0.254  | 4.76<br>+/-0.254     | DP016-005-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 4.78<br>+/-0.254  | 4.78<br>+/-0.254     | DP016-005-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 4.78<br>+/-0.254  | 4.78<br>+/-0.254     | * DP016-005-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 5.56<br>+/-0.254  | 5.56<br>+/-0.254     | DP016-005-303-1A     | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP016-006-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP016-006-416-1      | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP016-006-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 7.93<br>+/-0.254  | 7.93<br>+/-0.254     | DP016-008-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 7.93<br>+/-0.254  | 7.93<br>+/-0.254     | * DP016-008-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 7.94<br>+/-0.254  | 7.94<br>+/-0.254     | DP016-008-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP016-010-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP016-010-416-1      | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP016-010-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 11.10<br>+/-0.350 | 11.10<br>+/-0.350    | * DP016-011-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 11.11<br>+/-0.350 | 11.11<br>+/-0.350    | DP016-011-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 11.13<br>+/-0.350 | 11.13<br>+/-0.350    | DP016-011-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP016-013-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | * DP016-013-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP016-013-CH-1       | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 14.28<br>+/-0.350 | 14.28<br>+/-0.350    | DP016-014-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP016-016-303-1      | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm      | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|--------------------|----------------------|--------------------|---|
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 15.88<br>+/-0.350  | 15.88<br>+/-0.350    | ** DP016-016-416-1 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42          |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 15.88<br>+/-0.350  | 15.88<br>+/-0.350    | DP016-016-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP016-019-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | ** DP016-019-416-1 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42          |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP016-019-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 22.225<br>+/-0.254 | 23.225               | DP016-022-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 22.23<br>+/-0.420  | 22.23<br>+/-0.420    | DP016-022-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 22.23<br>+/-0.420  | 22.23<br>+/-0.420    | DP016-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 22.23<br>+/-0.420  | 22.23<br>+/-0.420    | * DP016-022-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP016-025-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP016-025-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 1.588 (0.063")<br>+0.002/+0.008 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | * DP016-025-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254   | 4.00<br>+/-0.254     | DP020-004-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254   | 4.00<br>+/-0.254     | DP020-004-304-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 304 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254   | 5.00                 | DP020-004-303-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254   | 5.00                 | DP020-004-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254   | 5.00<br>+/-0.254     | DP020-005-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254   | 5.00<br>+/-0.254     | DP020-005-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254   | 5.00<br>+/-0.254     | * DP020-005-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254   | 6.00                 | DP020-005-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254   | 6.00<br>+/-0.254     | DP020-006-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254   | 6.00<br>+/-0.254     | DP020-006-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254   | 6.00<br>+/-0.254     | * DP020-006-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254   | 7.00                 | DP020-006-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254   | 7.00                 | DP020-006-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254   | 8.00<br>+/-0.254     | DP020-008-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254   | 8.00<br>+/-0.254     | DP020-008-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254   | 8.00<br>+/-0.254     | * DP020-008-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254   | 9.00                 | DP020-008-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254   | 9.00                 | DP020-008-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254   | 9.00                 | DP020-008-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number       |   |
|--------------------------------------|-------------------|----------------------|-------------------|---|
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 9.00<br>+/-0.254  | 10.00                | DP020-009-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 9.00<br>+/-0.254  | 10.00                | DP020-009-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP020-010-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP020-010-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | * DP020-010-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.254 | 11.00                | DP020-010-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.254 | 11.00                | * DP020-010-316-3 | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 11.00<br>+/-0.254 | 12.00                | DP020-011-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 11.00<br>+/-0.254 | 12.00                | DP020-011-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP020-012-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP020-012-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | * DP020-012-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.254 | 13.00                | DP020-012-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.254 | 13.00                | DP020-012-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 13.00<br>+/-0.254 | 14.00                | DP020-013-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP020-014-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP020-014-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP020-014-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.254 | 15.00                | * DP020-014-303-3 | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.254 | 15.00                | DP020-014-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP020-016-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP020-016-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP020-016-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.254 | 17.00                | DP020-016-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.254 | 17.00                | DP020-016-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP020-018-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP020-018-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP020-018-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 18.00<br>+/-0.254 | 19.00                | DP020-018-303-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 19.00<br>+/-0.254 | 20.00                | DP020-019-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP020-020-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP020-020-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP020-020-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.254 | 21.00                | DP020-020-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | DP020-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP020-024-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP020-024-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP020-024-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | DP020-026-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP020-028-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP020-030-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP020-032-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP020-036-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.000 (0.079")<br>+0.002/+0.008 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP020-040-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 2.39<br>+/-0.254  | 2.39<br>+/-0.254     | DP024-002-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 3.18<br>+/-0.254  | 3.18<br>+/-0.254     | DP024-003-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 3.96<br>+/-0.254  | 3.96<br>+/-0.254     | DP024-004-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 4.75<br>+/-0.254  | 4.75<br>+/-0.254     | * DP024-005-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 4.76<br>+/-0.254  | 4.76<br>+/-0.254     | DP024-005-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 4.78<br>+/-0.254  | 4.78<br>+/-0.254     | DP024-005-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 5.56<br>+/-0.254  | 5.56<br>+/-0.254     | DP024-006-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP024-007-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP024-006-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 7.92<br>+/-0.254  | 7.92<br>+/-0.254     | * DP024-008-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 7.93<br>+/-0.254  | 7.93<br>+/-0.254     | DP024-008-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 7.93<br>+/-0.254  | 7.93<br>+/-0.254     | * DP024-008-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42          |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 7.94<br>+/-0.254  | 7.94<br>+/-0.254     | DP024-008-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 8.89<br>+/-0.254  | 8.89<br>+/-0.254     | * DP024-009-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP024-010-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | ** DP024-010-416-1 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42          |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 11.10<br>+/-0.350 | 11.10<br>+/-0.350    | * DP024-011-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42          |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 11.10<br>+/-0.350 | 11.10<br>+/-0.350    | * DP024-011-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |  |
|--------------------------------------|-------------------|----------------------|--------------------|--|
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 11.11<br>+/-0.350 | 11.11<br>+/-0.350    | DP024-011-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 11.13<br>+/-0.350 | 11.13<br>+/-0.350    | DP024-011-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP024-013-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | * DP024-013-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 2.381 (0.094")                       | 12.70             | 12.70                | DP024-127-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP024-013-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | * DP024-013-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                    |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 14.28<br>+/-0.350 | 14.28<br>+/-0.350    | DP024-014-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP024-016-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | ** DP024-016-416-1 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP024-016-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP024-019-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | * DP024-019-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 2.381 (0.094")                       | 19.05             | 19.05                | DP024-191-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP024-019-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | * DP024-019-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                    |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP024-022-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | * DP024-022-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP024-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | * DP024-022-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                    |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP024-025-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | * DP024-025-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42         |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP024-025-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62 |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | * DP024-025-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                    |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP024-032-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 34.93<br>+/-0.500 | 34.93<br>+/-0.500    | DP024-035-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.381 (0.094")<br>+0.002/+0.008 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP024-038-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80        |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 4.00<br>+/-0.254  | 4.00<br>+/-0.254     | DP025-004-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | DP025-005-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                   |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | * DP025-005-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 5.00<br>+/-0.254  | 6.20                 | ** DP025-005-304-3 | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80               |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |  |
|--------------------------------------|-------------------|----------------------|--------------------|--|
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP025-006-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP025-006-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | * DP025-006-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 7.00                 | DP025-006-C-3      | <i>Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends</i><br>Type: 3 - Material: Carbon Steel Unhardened             |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 6.00<br>+/-0.254  | 7.20                 | DP025-006-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | ** DP025-008-CH-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | * DP025-008-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | * DP025-008-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 8.00<br>+/-0.254  | 9.20                 | * DP025-008-304-3  | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 9.00<br>+/-0.254  | 10.20                | ** DP025-009-304-3 | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 303 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP025-010-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP025-010-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | * DP025-010-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 10.00<br>+/-0.254 | 11.20                | DP025-010-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 11.00<br>+/-0.254 | 12.20                | DP025-011-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP025-012-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP025-012-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | * DP025-012-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 12.00<br>+/-0.254 | 13.20                | DP025-012-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP025-014-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP025-014-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP025-014-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 14.00<br>+/-0.254 | 15.20                | DP025-014-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 15.00<br>+/-0.254 | 16.20                | DP025-015-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 303 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP025-016-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP025-016-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP025-016-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 16.00<br>+/-0.254 | 17.20                | DP025-016-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP025-018-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP025-018-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP025-018-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number       |   |
|--------------------------------------|-------------------|----------------------|-------------------|---|
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 19.00<br>+/-0.254 | 20.20                | DP025-019-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP025-020-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP025-020-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP025-020-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 20.00<br>+/-0.254 | 21.20                | DP025-020-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | DP025-022-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP025-024-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP025-024-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP025-024-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 24.00<br>+/-0.254 | 25.20                | DP025-024-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP025-025-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | DP025-026-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP025-028-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP025-030-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 30.00<br>+/-0.254 | 31.20                | DP025-030-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP025-032-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP025-036-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP025-040-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | * DP025-045-CH-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 2.500 (0.098")<br>+0.002/+0.008 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP025-050-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 3.00<br>+/-0.254  | 3.00<br>+/-0.254     | * DP030-003-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 4.00<br>+/-0.254  | 4.00<br>+/-0.254     | DP030-004-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 4.00<br>+/-0.254  | 5.50                 | DP030-004-C-3     | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | DP030-005-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 5.00<br>+/-0.254  | 6.50                 | DP030-005-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP030-006-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP030-006-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 7.50                 | DP030-006-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 7.50                 | DP030-006-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 7.00<br>+/-0.254  | 8.50                 | DP030-007-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | DP030-008-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number         |   |
|--------------------------------------|-------------------|----------------------|---------------------|---|
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | DP030-008-303-2     | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                              |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | * DP030-008-416-2   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                               |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 9.50                 | DP030-008-304-3     | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 9.50                 | DP030-008-316-3     | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 9.50                 | DP030-008-C-3       | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened                       |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 10.00                | DP030-008-316-3-10L | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP030-010-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62           |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP030-010-303-2     | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                              |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | * DP030-010-416-2   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                               |
| 3.000 (0.118")<br>+0.008/+0.080 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | ** DP030-010-304-F  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: Flat Ends - Oversizes Diameter - Material: 304 Stainless HRB80 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.254 | 11.50                | * DP030-010-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.254 | 11.50                | DP030-010-316-3     | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 11.00<br>+/-0.254 | 12.50                | DP030-011-304-3     | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 11.00<br>+/-0.254 | 12.50                | DP030-011-316-3     | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP030-012-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62           |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP030-012-303-2     | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                              |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | * DP030-012-416-2   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                               |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.254 | 13.50                | DP030-012-304-3     | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.254 | 13.50                | DP030-012-316-3     | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP030-014-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62           |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP030-014-303-2     | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                              |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP030-014-416-2   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                               |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.254 | 15.50                | DP030-014-304-3     | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.254 | 15.50                | DP030-014-C-3       | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened                       |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 15.00<br>+/-0.254 | 16.50                | DP030-015-304-3     | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP030-016-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62           |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP030-016-303-2     | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                              |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP030-016-416-2   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                               |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.254 | 17.50                | DP030-016-304-3     | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.254 | 17.50                | DP030-016-316-3     | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.254 | 17.50                | DP030-016-C-3       | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened                       |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

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# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP030-018-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP030-018-304-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 304 Stainless HRB80         |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP030-018-303-2    | Pins - Dowel - Standard - 304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                        |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP030-018-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.254 | 19.50                | DP030-018-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.254 | 19.50                | DP030-018-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 19.00<br>+/-0.254 | 20.50                | DP030-019-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP030-020-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP030-020-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP030-020-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 21.50                | DP030-020-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 21.50                | DP030-020-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 21.50                | DP030-020-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | DP030-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP030-024-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP030-024-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP030-024-316-2    | Pins - Dowel - Standard - 316 Stainless - Chamfered End<br>Type: 2 - Material: 316 Stainless                              |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP030-024-416-2    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.254 | 25.50                | DP030-024-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.254 | 25.50                | DP030-024-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP030-025-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | DP030-026-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP030-028-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP030-028-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP030-030-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | ** DP030-030-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP030-032-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP030-035-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP030-036-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP030-040-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP030-045-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number       |  |
|--------------------------------------|-------------------|----------------------|-------------------|--|
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP030-050-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | * DP030-055-CH-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 3.000 (0.118")<br>+0.004/+0.012 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | * DP030-060-CH-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 2.39<br>+/-0.254  | 2.39<br>+/-0.254     | DP032-002-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 3.18<br>+/-0.254  | 3.18<br>+/-0.254     | DP032-003-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 3.96<br>+/-0.254  | 3.96<br>+/-0.254     | DP032-004-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 4.75<br>+/-0.254  | 4.75<br>+/-0.254     | * DP032-005-416-2 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 4.78<br>+/-0.254  | 4.78<br>+/-0.254     | * DP032-005-303-1 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 5.56<br>+/-0.254  | 5.56<br>+/-0.254     | DP032-006-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP032-007-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP032-006-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | * DP032-006-416-2 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 7.92<br>+/-0.254  | 7.92<br>+/-0.254     | * DP032-008-416-2 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 7.93<br>+/-0.254  | 7.93<br>+/-0.254     | DP032-008-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")                       | 7.94              | 7.94                 | DP032-079-416-1   | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP032-010-CHBL-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP032-010-CH-10   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP032-010-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP032-010-316-1   | <i>Pins - Dowel - Standard - 316 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 316 Stainless                                 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | * DP032-010-416-1 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP032-010-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 11.10<br>+/-0.350 | 11.10<br>+/-0.350    | * DP032-011-416-1 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 11.13<br>+/-0.350 | 11.13<br>+/-0.350    | DP032-011-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP032-013-CHBL-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP032-013-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | * DP032-013-416-1 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP032-013-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 14.27<br>+/-0.350 | 14.27<br>+/-0.350    | * DP032-014-416-2 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 14.28<br>+/-0.350 | 14.28<br>+/-0.350    | DP032-014-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP032-016-CHBL-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP032-016-303-1   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | * DP032-016-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP032-016-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP032-019-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP032-019-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | ** DP032-019-303-1 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")                       | 19.05             | 19.05                | DP032-191-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | * DP032-019-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP032-019-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP032-022-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP032-022-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP032-022-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | * DP032-022-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP032-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP032-025-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP032-025-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP032-025-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | * DP032-025-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP032-025-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 28.58<br>+/-0.420 | 28.58<br>+/-0.420    | DP032-029-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 28.58<br>+/-0.420 | 28.58<br>+/-0.420    | * DP032-029-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP032-032-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP032-032-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP032-032-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | * DP032-032-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP032-032-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 34.93<br>+/-0.500 | 34.93<br>+/-0.500    | DP032-035-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 34.93<br>+/-0.500 | 34.93<br>+/-0.500    | DP032-035-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 34.93<br>+/-0.500 | 34.93<br>+/-0.500    | * DP032-035-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP032-038-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP032-038-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP032-038-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP032-038-316-1    | Pins - Dowel - Standard - 316 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                           |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | * DP032-038-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP032-038-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP032-044-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP032-044-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP032-051-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP032-051-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP032-051-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 3.175 (0.125")<br>+0.004/+0.012 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP032-051-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 3.969 (0.156")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | * DP039-010-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 3.969 (0.156")<br>+0.004/+0.012 (mm) | 11.10<br>+/-0.350 | 11.10<br>+/-0.350    | * DP039-011-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 3.969 (0.156")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP039-013-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.969 (0.156")                       | 15.88             | 15.88                | DP039-159-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.969 (0.156")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP039-016-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.969 (0.156")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | ** DP039-019-416-1 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.969 (0.156")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP039-022-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.969 (0.156")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP039-025-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.969 (0.156")                       | 25.40             | 25.40                | DP039-254-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 3.969 (0.156")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP039-032-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 5.00<br>+/-0.254  | 5.00<br>+/-0.254     | DP040-005-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP040-006-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP040-006-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 8.00                 | DP040-006-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                              |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | DP040-008-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | DP040-008-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | * DP040-008-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 10.00                | DP040-008-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                              |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 10.00                | DP040-008-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened                           |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP040-010-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                                       |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP040-010-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP040-010-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | * DP040-010-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.254 | 12.00                | * DP040-010-303-3  | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.254 | 12.00                | DP040-010-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.254 | 12.00                | DP040-010-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 11.00<br>+/-0.254 | 13.00                | DP040-011-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP040-012-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP040-012-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP040-012-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | * DP040-012-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.254 | 14.00                | ** DP040-012-304-3 | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.254 | 14.00                | DP040-012-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP040-014-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP040-014-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP040-014-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP040-014-316-2    | Pins - Dowel - Standard - 316 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                        |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP040-014-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.254 | 16.00                | DP040-014-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.254 | 16.00                | DP040-014-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 15.00<br>+/-0.254 | 17.00                | DP040-015-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP040-016-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP040-016-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP040-016-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP040-016-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.254 | 18.00                | DP040-016-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.254 | 18.00                | DP040-016-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.254 | 18.00                | DP040-016-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP040-018-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP040-018-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP040-018-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.254 | 20.00                | ** DP040-018-304-3 | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP040-020-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |  |
|--------------------------------------|-------------------|----------------------|--------------------|--|
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP040-020-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP040-020-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP040-020-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 22.00                | DP040-020-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 22.00                | DP040-020-316-3    | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless                          |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 22.00                | DP040-020-C-3      | <i>Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends</i><br>Type: 3 - Material: Carbon Steel Unhardened             |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | DP040-022-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 22.00<br>+/-0.254 | 24.00                | DP040-022-304-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 304 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP040-024-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP040-024-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP040-024-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP040-024-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.254 | 26.00                | * DP040-024-303-3  | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 2 - Material: 303 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.254 | 26.00                | DP040-024-316-3    | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless                          |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP040-025-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP040-025-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | DP040-026-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP040-028-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP040-028-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP040-028-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.254 | 30.00                | DP040-028-303-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 303 Stainless HRB80                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.254 | 30.00                | ** DP040-028-316-3 | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless                          |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP040-030-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP040-030-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP040-030-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.254 | 32.00                | * DP040-030-316-3  | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless                          |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP040-032-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP040-032-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP040-032-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP040-035-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP040-036-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP040-036-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP040-036-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP040-040-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                                       |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP040-040-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP040-040-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.254 | 42.00                | DP040-040-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                              |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.254 | 42.00                | DP040-040-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened                           |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP040-045-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP040-045-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP040-050-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                                       |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP040-050-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP040-050-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.254 | 52.00                | DP040-050-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened                           |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | DP040-055-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | DP040-060-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 70.00<br>+/-0.600 | 70.00<br>+/-0.600    | DP040-070-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.000 (0.157")<br>+0.004/+0.012 (mm) | 80.00<br>+/-0.700 | 80.00<br>+/-0.700    | DP040-080-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 6.35<br>+/-0.254  | 6.35<br>+/-0.254     | DP048-006-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 7.93<br>+/-0.254  | 7.93<br>+/-0.254     | DP048-008-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP048-010-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | DP048-010-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 9.53<br>+/-0.254  | 9.53<br>+/-0.254     | * DP048-010-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 11.10<br>+/-0.350 | 11.10<br>+/-0.350    | * DP048-011-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 11.13<br>+/-0.350 | 11.13<br>+/-0.350    | DP048-011-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | * DP048-013-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP048-013-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP048-013-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")                       | 12.70             | 12.70                | DP048-127-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP048-013-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | * DP048-013-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP048-016-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number      |   |
|--------------------------------------|-------------------|----------------------|------------------|---|
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP048-016-CH-10  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP048-016-303-1  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP048-016-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP048-016-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP048-019-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP048-019-CH-10  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP048-019-303-1  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP048-019-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP048-019-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP048-022-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP048-022-CH-10  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP048-022-303-1  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP048-022-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP048-022-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP048-025-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP048-025-CH-10  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP048-025-303-1  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP048-025-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP048-254-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP048-025-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 28.58<br>+/-0.420 | 28.58<br>+/-0.420    | DP048-029-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP048-032-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP048-032-CH-10  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP048-032-303-1  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP048-032-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP048-032-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 34.93<br>+/-0.500 | 34.93<br>+/-0.500    | DP048-035-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP048-038-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP048-038-CH-10  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP048-038-303-1  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP048-038-416-1  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP048-038-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP048-044-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP048-044-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP048-044-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP048-044-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP048-051-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP048-051-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP048-051-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP048-051-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 4.763 (0.188")<br>+0.004/+0.012 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP048-064-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | DP050-006-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | ** DP050-006-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 6.00<br>+/-0.254  | 8.50                 | * DP050-006-304-3  | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                              |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | DP050-008-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | * DP050-008-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 8.00<br>+/-0.254  | 10.50                | DP050-008-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                              |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP050-010-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                                       |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP050-010-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP050-010-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | * DP050-010-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.254 | 12.50                | DP050-010-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                              |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 10.00<br>+/-0.254 | 12.50                | DP050-010-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP050-012-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                                       |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP050-012-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | * DP050-012-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.254 | 14.50                | DP050-012-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                              |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 12.00<br>+/-0.254 | 14.50                | * DP050-012-316-3  | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP050-014-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                                       |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP050-014-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP050-014-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP050-014-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number       |   |
|--------------------------------------|-------------------|----------------------|-------------------|---|
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 14.00<br>+/-0.254 | 16.50                | DP050-014-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00                | DP050-016-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00                | DP050-016-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00                | * DP050-016-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.350 | 16.00                | * DP050-016-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.254 | 18.50                | DP050-016-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 16.00<br>+/-0.254 | 18.50                | * DP050-016-316-3 | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 17.00<br>+/-0.254 | 19.50                | DP050-017-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00                | DP050-018-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00                | DP050-018-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00                | * DP050-018-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 18.00<br>+/-0.420 | 18.00                | * DP050-018-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00                | DP050-020-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00                | DP050-020-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00                | DP050-020-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.420 | 20.00                | * DP050-020-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 22.50                | DP050-020-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 22.50                | * DP050-020-316-3 | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 20.00<br>+/-0.254 | 22.50                | DP050-020-C-3     | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 22.00<br>+/-0.420 | 22.00                | DP050-022-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00                | DP050-024-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00                | DP050-024-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00                | * DP050-024-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.420 | 24.00                | * DP050-024-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.254 | 26.50                | DP050-024-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.254 | 26.50                | * DP050-024-316-3 | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 24.00<br>+/-0.254 | 26.50                | DP050-024-C-3     | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 25.00<br>+/-0.420 | 25.00                | DP050-025-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 25.00<br>+/-0.420 | 25.00                | DP050-025-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 26.00<br>+/-0.420 | 26.00                | DP050-026-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.420 | 28.00                | DP050-028-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number       |   |
|--------------------------------------|-------------------|----------------------|-------------------|---|
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP050-028-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | * DP050-028-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP050-030-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP050-030-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP050-030-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP050-030-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 30.00<br>+/-0.254 | 32.50<br>+/-0.500    | * DP050-030-316-3 | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP050-032-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP050-032-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | * DP050-032-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP050-035-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP050-036-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP050-036-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | * DP050-036-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP050-040-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP050-040-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP050-040-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.254 | 42.50<br>+/-0.500    | DP050-040-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 40.00<br>+/-0.254 | 40.00<br>+/-0.254    | DP050-040-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP050-045-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP050-045-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | * DP050-045-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP050-050-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M3                         |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP050-050-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | * DP050-050-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 50.00<br>+/-0.254 | 52.50<br>+/-0.500    | DP050-050-304-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | DP050-055-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | * DP050-055-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | DP050-060-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | * DP050-060-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 5.000 (0.197")<br>+0.004/+0.012 (mm) | 70.00<br>+/-0.600 | 70.00<br>+/-0.600    | * DP050-070-CH-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 6.00<br>+/-0.254  | 6.00<br>+/-0.254     | * DP060-006-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | ** DP060-008-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP060-010-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4-0.70                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | DP060-010-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | ** DP060-010-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 10.00<br>+/-0.254 | 13.00                | * DP060-010-303-3  | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 2 - Material: 303 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 10.00<br>+/-0.254 | 13.00                | DP060-010-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 10.00<br>+/-0.254 | 13.00                | DP060-010-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP060-012-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP060-012-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP060-012-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | * DP060-012-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.254 | 15.00                | DP060-012-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.254 | 15.00                | DP060-012-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.254 | 15.00                | DP060-012-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP060-014-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP060-014-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP060-014-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP060-014-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 14.00<br>+/-0.254 | 17.00                | DP060-014-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP060-016-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP060-016-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP060-016-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP060-016-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.254 | 19.00                | * DP060-016-303-3  | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.254 | 19.00                | DP060-016-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.254 | 19.00                | DP060-016-316-3    | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.254 | 19.00                | DP060-016-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP060-018-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP060-018-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP060-018-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP060-018-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.254 | 21.00                | DP060-018-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP060-020-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | ** DP060-020-CH-1E | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: M4                                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP060-020-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP060-020-316-2    | Pins - Dowel - Standard - 316 Stainless - Chamfered End<br>Type: 2 - Material: 316 Stainless                              |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP060-020-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.254 | 23.00                | DP060-020-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 303 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.254 | 23.00                | * DP060-020-316-3  | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.254 | 23.00                | DP060-020-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | DP060-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP060-024-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | ** DP060-024-CH-1E | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: M4                                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP060-024-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP060-024-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP060-024-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.254 | 27.00                | * DP060-024-304-3  | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.254 | 27.00                | * DP060-024-316-3  | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP060-025-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP060-025-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | DP060-026-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 26.00<br>+/-0.254 | 29.00                | DP060-026-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP060-028-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP060-028-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | * DP060-028-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP060-030-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP060-030-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: M4                                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP060-030-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP060-030-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP060-030-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.254 | 33.00                | DP060-030-303-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 2 - Material: 303 Stainless HRB80                |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.254 | 33.00                | * DP060-030-316-3  | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP060-032-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP060-032-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | ** DP060-032-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP060-035-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP060-035-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP060-036-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP060-036-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | * DP060-036-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP060-040-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP060-040-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | * DP060-040-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | * DP060-040-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.254 | 43.00                | DP060-040-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.254 | 43.00                | * DP060-040-316-3  | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.254 | 43.00                | DP060-040-C-3      | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP060-045-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP060-045-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP060-045-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP060-050-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP060-050-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | * DP060-050-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.254 | 53.00                | DP060-050-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.254 | 53.00                | * DP060-050-316-3  | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | DP060-055-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | DP060-055-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | DP060-055-303-2    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | DP060-060-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                         |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | DP060-060-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | * DP060-060-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 60.00<br>+/-0.254 | 63.00                | DP060-060-304-3    | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 3 - Material: 304 Stainless HRB80                |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm      | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|--------------------|----------------------|--------------------|---|
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP060-070-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                                       |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP060-070-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP060-080-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M4                                       |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP060-080-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP060-090-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 6.000 (0.236")<br>+0.006/+0.015 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP060-100-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 9.53<br>+/-0.254   | 9.53<br>+/-0.254     | DP064-010-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 9.53<br>+/-0.254   | 9.53<br>+/-0.254     | * DP064-010-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 11.10<br>+/-0.350  | 11.10<br>+/-0.350    | * DP064-011-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | DP064-013-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | DP064-013-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 8-32   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | * DP064-013-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | DP064-013-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | DP064-013-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | DP064-013-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | * DP064-013-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 14.27<br>+/-0.350  | 14.27<br>+/-0.350    | * DP064-014-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350  | 15.88<br>+/-0.350    | DP064-016-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350  | 15.88<br>+/-0.350    | DP064-016-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350  | 15.88<br>+/-0.350    | DP064-016-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350  | 15.88<br>+/-0.350    | DP064-016-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350  | 15.88<br>+/-0.350    | * DP064-016-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP064-019-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP064-019-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 8-32   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | * DP064-019-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP064-019-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP064-019-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 6.350 (0.250")                       | 19.05              | 19.05                | DP064-191-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP064-019-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP064-019-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420  | 22.23<br>+/-0.420    | DP064-022-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP064-022-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP064-022-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP064-022-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP064-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP064-025-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP064-025-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 8-32   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP064-025-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | ** DP064-025-303-1 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 6.350 (0.250")                       | 25.40             | 25.40                | DP064-254-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP064-025-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP064-025-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 28.58<br>+/-0.420 | 28.58<br>+/-0.420    | DP064-029-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP064-032-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP064-032-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 8-32   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | * DP064-032-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP064-032-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP064-032-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP064-032-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP064-032-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 34.93<br>+/-0.500 | 34.93<br>+/-0.500    | ** DP064-035-CH-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP064-038-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP064-038-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 8-32   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP064-038-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP064-038-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP064-038-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP064-038-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")                       | 38.10             | 38.10                | DP064-381-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP064-038-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP064-044-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP064-044-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP064-044-303-1    | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number       |   |
|--------------------------------------|-------------------|----------------------|-------------------|---|
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP064-044-416-1   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP064-044-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP064-051-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP064-051-CH-1E   | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 8-32   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP064-051-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP064-051-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP064-051-303-1   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 303 Stainless HRB80                       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP064-051-416-1   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP064-051-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 57.15<br>+/-0.600 | 57.15<br>+/-0.600    | DP064-057-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 57.15<br>+/-0.600 | 57.15<br>+/-0.600    | DP064-057-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 57.15<br>+/-0.600 | 57.15<br>+/-0.600    | DP064-057-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP064-064-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP064-064-CH-1E   | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 8-32   |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP064-064-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP064-064-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP064-064-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 69.85<br>+/-0.600 | 69.85<br>+/-0.600    | DP064-070-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 6.350 (0.250")<br>+0.006/+0.015 (mm) | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP064-076-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP079-013-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 10-32                                    |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP079-013-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP079-013-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP079-013-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | * DP079-013-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP079-016-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP079-016-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP079-016-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | * DP079-016-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP079-019-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 10-32                                    |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP079-019-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP079-019-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number        |   |
|--------------------------------------|-------------------|----------------------|--------------------|---|
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP079-019-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | * DP079-019-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP079-022-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP079-022-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP079-022-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | * DP079-022-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP079-025-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 10-32                                    |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP079-025-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP079-025-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP079-254-416-1    | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP079-025-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | * DP079-025-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP079-032-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP079-032-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP079-032-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP079-032-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP079-032-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | * DP079-032-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP079-038-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP079-038-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP079-038-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP079-038-CH-10    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP079-038-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | * DP079-038-416-2  | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP079-044-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP079-044-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP079-051-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 10-32                                    |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | * DP079-051-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP079-051-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 57.15<br>+/-0.600 | 57.15<br>+/-0.600    | DP079-057-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 57.15<br>+/-0.600 | 57.15<br>+/-0.600    | DP079-057-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number       |  |
|--------------------------------------|-------------------|----------------------|-------------------|--|
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP079-064-CH-1EF  | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 10-32                                    |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP079-064-CHBL-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP079-064-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 7.938 (0.313")                       | 63.50             | 63.50                | DP079-635-416-1   | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP079-076-CHBL-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 7.938 (0.313")<br>+0.006/+0.015 (mm) | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP079-076-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 8.00<br>+/-0.254  | 8.00<br>+/-0.254     | * DP080-008-303-2 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | * DP080-010-303-2 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP080-012-CH-1EF  | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | DP080-012-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | * DP080-012-303-2 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 12.00<br>+/-0.254 | 16.00<br>+/-0.254    | * DP080-012-316-3 | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | DP080-014-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP080-014-303-2 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 15.00<br>+/-0.350 | 15.00<br>+/-0.350    | * DP080-015-CH-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP080-016-CH-1EF  | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP080-016-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP080-016-303-2 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP080-016-416-2 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.254 | 20.00<br>+/-0.254    | * DP080-016-303-3 | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 2 - Material: 303 Stainless HRB80                              |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 16.00<br>+/-0.254 | 20.00<br>+/-0.254    | * DP080-016-316-3 | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP080-018-CH-1EF  | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP080-018-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP080-018-303-2 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP080-018-416-2 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP080-020-CH-1EF  | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP080-020-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP080-020-303-2   | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP080-020-416-2 | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 20.00<br>+/-0.254 | 24.00<br>+/-0.254    | DP080-020-316-3   | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | DP080-022-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number         |   |
|--------------------------------------|-------------------|----------------------|---------------------|---|
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 22.00<br>+/-0.254 | 26.00                | DP080-022-C-3       | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP080-024-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                         |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP080-024-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP080-024-303-2     | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP080-024-416-2   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.254 | 28.00                | * DP080-024-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 24.00<br>+/-0.254 | 28.00                | DP080-024-C-3       | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP080-025-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP080-025-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | DP080-026-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP080-028-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                         |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP080-028-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | ** DP080-028-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP080-030-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP080-030-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP080-030-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP080-030-416-2   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.254 | 34.00                | * DP080-030-303-3   | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 2 - Material: 303 Stainless HRB80                |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 30.00<br>+/-0.254 | 34.00                | * DP080-030-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless                          |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP080-032-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                         |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP080-032-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | * DP080-032-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP080-035-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                         |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP080-035-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP080-036-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                         |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP080-036-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | ** DP080-036-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP080-040-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                         |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP080-040-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | * DP080-040-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 8.000 (0.315")<br>-0.002/-0.015 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | ** DP080-040-316-2U | Pins - Dowel - Standard - 316 Stainless - Chamfered End<br>Type: 2 - Material: 316 Stainless                              |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm      | Overall Length<br>mm | Part Number        |  |
|--------------------------------------|--------------------|----------------------|--------------------|--|
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.500  | 40.00<br>+/-0.500    | * DP080-040-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 40.00<br>+/-0.254  | 44.00                | DP080-040-316-3    | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP080-045-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP080-045-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | * DP080-045-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP080-050-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP080-050-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | * DP080-050-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 50.00<br>+/-0.254  | 54.00                | * DP080-050-316-3  | <i>Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 316 Stainless  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP080-055-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP080-055-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | * DP080-055-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP080-060-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP080-060-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | * DP080-060-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP080-070-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | ** DP080-070-CH-1E | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP080-070-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | * DP080-070-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP080-080-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP080-080-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP080-080-303-2    | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 80.00<br>+/-0.254  | 84.00                | DP080-080-303-3    | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 3 - Material: 303 Stainless HRB80                              |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP080-090-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP080-090-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP080-100-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M5                                       |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP080-100-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 110.00<br>+/-0.700 | 110.00<br>+/-0.700   | * DP080-110-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 8.000 (0.315")<br>+0.006/+0.015 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | ** DP080-120-CH-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | DP095-013-CHBL-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350  | 12.70<br>+/-0.350    | DP095-013-CH-10    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)          | Length (L) mm     | Overall Length<br>mm | Part Number       |   |
|--------------------------------------|-------------------|----------------------|-------------------|---|
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 12.70<br>+/-0.350 | 12.70<br>+/-0.350    | DP095-013-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP095-016-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP095-016-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 15.88<br>+/-0.350 | 15.88<br>+/-0.350    | DP095-016-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP095-019-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 10-32                                    |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP095-019-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP095-019-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | DP095-019-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 19.05<br>+/-0.420 | 19.05<br>+/-0.420    | * DP095-019-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP095-022-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 22.23<br>+/-0.420 | 22.23<br>+/-0.420    | DP095-022-303-2   | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP095-025-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP095-025-CH-1E   | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP095-025-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP095-025-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 9.525 (0.375")                       | 25.40             | 25.40                | DP095-254-416-1   | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 1 (See note) - Material: 416 Stainless Rc 36-42                        |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | DP095-025-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 25.40<br>+/-0.420 | 25.40<br>+/-0.420    | * DP095-025-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP095-032-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP095-032-CH-1E   | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP095-032-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP095-032-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP095-032-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | * DP095-032-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP095-038-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP095-038-CH-1E   | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP095-038-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP095-038-CH-10   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP095-038-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | * DP095-038-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP095-044-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm     | Overall Length<br>mm | Part Number        |  |
|---------------------------------------|-------------------|----------------------|--------------------|--|
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP095-044-CH-1E    | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP095-044-CHBL-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP095-044-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP095-051-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP095-051-CH-1E    | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP095-051-CHBL-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP095-051-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 57.15<br>+/-0.600 | 57.15<br>+/-0.600    | DP095-057-CHBL-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 57.15<br>+/-0.600 | 57.15<br>+/-0.600    | DP095-057-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP095-064-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP095-064-CH-1E    | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP095-064-CHBL-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP095-064-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP095-076-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP095-076-CH-1E    | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 10-32  |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP095-076-CHBL-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 9.525 (0.375")<br>+0.006/+0.015 (mm)  | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP095-076-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 10.00<br>+/-0.350 | 10.00<br>+/-0.350    | * DP100-010-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 12.00<br>+/-0.350 | 12.00<br>+/-0.350    | * DP100-012-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP100-014-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP100-016-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP100-016-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP100-016-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 16.00<br>+/-0.254 | 21.00<br>+/-0.254    | * DP100-016-303-3  | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 2 - Material: 303 Stainless HRB80                              |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 16.00<br>+/-0.254 | 21.00<br>+/-0.254    | DP100-016-C-3      | <i>Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends</i><br>Type: 3 - Material: Carbon Steel Unhardened                           |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP100-018-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP100-020-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP100-020-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | ** DP100-020-303-2 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP100-020-416-2  | <i>Pins - Dowel - Standard - 416 Stainless - Chamfered End</i><br>Type: 2 - Material: 416 Stainless Rc 36-42                                   |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.254 | 25.00<br>+/-0.254    | * DP100-020-303-3  | <i>Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends</i><br>Type: 2 - Material: 303 Stainless HRB80                              |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm     | Overall Length<br>mm | Part Number       |   |
|---------------------------------------|-------------------|----------------------|-------------------|---|
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.254 | 25.00                | DP100-020-C-3     | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | DP100-022-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP100-024-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP100-024-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP100-024-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP100-024-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.254 | 29.00                | DP100-024-C-3     | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP100-025-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP100-025-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | DP100-026-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP100-028-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP100-028-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | * DP100-028-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP100-030-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP100-030-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP100-030-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP100-030-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.254 | 35.00                | * DP100-030-303-3 | Pins - Dowel - Standard - 303-304 Stainless - Rounded Both Ends<br>Type: 2 - Material: 303 Stainless HRB80                |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP100-032-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP100-032-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | * DP100-032-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP100-035-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP100-035-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP100-036-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP100-036-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | * DP100-036-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP100-040-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP100-040-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | * DP100-040-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                    |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | * DP100-040-416-2 | Pins - Dowel - Standard - 416 Stainless - Chamfered End<br>Type: 2 - Material: 416 Stainless Rc 36-42                     |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.254 | 45.00                | DP100-040-C-3     | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened             |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number       |   |
|---------------------------------------|--------------------|----------------------|-------------------|---|
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP100-045-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP100-045-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | * DP100-045-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP100-050-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP100-050-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | * DP100-050-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP100-050-316-2   | Pins - Dowel - Standard - 316 Stainless - Chamfered End<br>Type: 2 - Material: 316 Stainless  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP100-055-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP100-055-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | * DP100-055-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP100-060-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP100-060-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | * DP100-060-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP100-070-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP100-070-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | * DP100-070-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP100-080-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP100-080-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | * DP100-080-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP100-090-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP100-090-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | * DP100-090-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP100-100-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP100-100-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | * DP100-100-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 110.00<br>+/-0.700 | 110.00<br>+/-0.700   | * DP100-110-CH-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP100-120-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 10.000 (0.394")<br>+0.007/+0.018 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP100-120-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP111-025-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 1/4-20                                   |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP111-025-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP111-025-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm     | Overall Length<br>mm | Part Number       |   |
|---------------------------------------|-------------------|----------------------|-------------------|---|
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP111-032-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 31.75<br>+/-0.500 | 31.75<br>+/-0.500    | DP111-032-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP111-038-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 1/4-20                                   |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP111-038-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500 | 38.10<br>+/-0.500    | DP111-038-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 44.45<br>+/-0.500 | 44.45<br>+/-0.500    | DP111-044-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP111-051-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP111-051-CH-1E   | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP111-051-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600 | 50.80<br>+/-0.600    | DP111-051-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP111-064-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600 | 63.50<br>+/-0.600    | DP111-064-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP111-076-CHBL-1  | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 11.113 (0.438")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600 | 76.20<br>+/-0.600    | DP111-076-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 12.00<br>+/-0.254 | 18.00                | DP120-012-316-3   | Pins - Dowel - Standard - 316 Stainless - Rounded Both Ends<br>Type: 3 - Material: 316 Stainless  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 14.00<br>+/-0.350 | 14.00<br>+/-0.350    | * DP120-014-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | DP120-016-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 16.00<br>+/-0.350 | 16.00<br>+/-0.350    | * DP120-016-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | DP120-018-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 18.00<br>+/-0.420 | 18.00<br>+/-0.420    | * DP120-018-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 18.00<br>+/-0.254 | 24.00                | DP120-018-C-3     | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened                           |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP120-020-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | DP120-020-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 20.00<br>+/-0.420 | 20.00<br>+/-0.420    | * DP120-020-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 22.00<br>+/-0.420 | 22.00<br>+/-0.420    | DP120-022-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP120-024-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | DP120-024-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420 | 24.00<br>+/-0.420    | * DP120-024-303-2 | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP120-025-CH-1EF  | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 25.00<br>+/-0.420 | 25.00<br>+/-0.420    | DP120-025-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 26.00<br>+/-0.420 | 26.00<br>+/-0.420    | DP120-026-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm     | Overall Length<br>mm | Part Number        |  |
|---------------------------------------|-------------------|----------------------|--------------------|--|
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP120-028-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | DP120-028-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420 | 28.00<br>+/-0.420    | * DP120-028-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP120-030-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | DP120-030-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500 | 30.00<br>+/-0.500    | * DP120-030-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP120-032-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | DP120-032-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500 | 32.00<br>+/-0.500    | * DP120-032-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP120-035-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 35.00<br>+/-0.500 | 35.00<br>+/-0.500    | DP120-035-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP120-036-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | DP120-036-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500 | 36.00<br>+/-0.500    | ** DP120-036-303-2 | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP120-040-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | DP120-040-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500 | 40.00<br>+/-0.500    | * DP120-040-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP120-045-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | DP120-045-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500 | 45.00<br>+/-0.500    | * DP120-045-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP120-050-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | ** DP120-050-CH-1E | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: M6                                     |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | DP120-050-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600 | 50.00<br>+/-0.600    | * DP120-050-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | DP120-055-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | DP120-055-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600 | 55.00<br>+/-0.600    | * DP120-055-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | DP120-060-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | DP120-060-CH-1     | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600 | 60.00<br>+/-0.600    | * DP120-060-303-2  | <i>Pins - Dowel - Standard - 303-304 Stainless - Chamfered End</i><br>Type: 2 - Material: 303 Stainless HRB80                    |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600 | 70.00<br>+/-0.600    | DP120-070-CH-1EF   | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                         |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number        |   |
|---------------------------------------|--------------------|----------------------|--------------------|---|
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP120-070-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | * DP120-070-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP120-080-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP120-080-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | * DP120-080-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP120-090-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP120-090-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | * DP120-090-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP120-100-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP120-100-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | * DP120-100-303-2  | Pins - Dowel - Standard - 303-304 Stainless - Chamfered End<br>Type: 2 - Material: 303 Stainless HRB80                                  |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 110.00<br>+/-0.700 | 110.00<br>+/-0.700   | * DP120-110-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP120-120-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M6                                       |
| 12.000 (0.472")<br>+0.007/+0.018 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | * DP120-120-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP127-019-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 19.05<br>+/-0.420  | 19.05<br>+/-0.420    | DP127-019-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP127-025-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP127-025-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP127-025-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP127-025-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 31.75<br>+/-0.500  | 31.75<br>+/-0.500    | DP127-032-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 31.75<br>+/-0.500  | 31.75<br>+/-0.500    | DP127-032-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 31.75<br>+/-0.500  | 31.75<br>+/-0.500    | * DP127-032-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 31.75<br>+/-0.500  | 31.75<br>+/-0.500    | DP127-032-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP127-038-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP127-038-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP127-038-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP127-038-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 44.45<br>+/-0.500  | 44.45<br>+/-0.500    | DP127-044-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 44.45<br>+/-0.500  | 44.45<br>+/-0.500    | DP127-044-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 44.45<br>+/-0.500  | 44.45<br>+/-0.500    | DP127-044-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number        |   |
|---------------------------------------|--------------------|----------------------|--------------------|---|
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 44.45<br>+/-0.500  | 44.45<br>+/-0.500    | DP127-044-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP127-051-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP127-051-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP127-051-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP127-051-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 57.15<br>+/-0.600  | 57.15<br>+/-0.600    | DP127-057-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 57.15<br>+/-0.600  | 57.15<br>+/-0.600    | DP127-057-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP127-064-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP127-064-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | * DP127-064-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP127-064-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP127-076-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP127-076-CH-1E    | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP127-076-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP127-076-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP127-089-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP127-089-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP127-089-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP127-102-CHBL-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 12.700 (0.500")<br>+0.007/+0.018 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP127-102-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420  | 24.00<br>+/-0.420    | DP140-024-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 26.00<br>+/-0.420  | 26.00<br>+/-0.420    | DP140-026-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420  | 28.00<br>+/-0.420    | DP140-028-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420  | 28.00<br>+/-0.420    | DP140-028-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500  | 30.00<br>+/-0.500    | DP140-030-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500  | 32.00<br>+/-0.500    | DP140-032-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500  | 32.00<br>+/-0.500    | DP140-032-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500  | 36.00<br>+/-0.500    | DP140-036-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500  | 36.00<br>+/-0.500    | DP140-036-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500  | 40.00<br>+/-0.500    | DP140-040-CH-1EF   | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500  | 40.00<br>+/-0.500    | DP140-040-CH-1     | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number         |  |
|---------------------------------------|--------------------|----------------------|---------------------|--|
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP140-045-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP140-045-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP140-050-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP140-050-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP140-055-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP140-055-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP140-060-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP140-060-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP140-070-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP140-070-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP140-080-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP140-080-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP140-090-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP140-090-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP140-100-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP140-100-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 110.00<br>+/-0.700 | 110.00<br>+/-0.700   | * DP140-110-CH-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP140-120-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 14.000 (0.551")<br>+0.007/+0.018 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP140-120-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP159-025-CHBL-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 25.40<br>+/-0.420  | 25.40<br>+/-0.420    | DP159-025-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 31.75<br>+/-0.500  | 31.75<br>+/-0.500    | DP159-032-CH-1-PK25 | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP159-038-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP159-038-CH-1E     | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP159-038-CHBL-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP159-038-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 44.45<br>+/-0.500  | 44.45<br>+/-0.500    | DP159-044-CHBL-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 44.45<br>+/-0.500  | 44.45<br>+/-0.500    | DP159-044-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP159-051-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP159-051-CH-1E     | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | * DP159-051-CHBL-1  | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number      |   |
|---------------------------------------|--------------------|----------------------|------------------|---|
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP159-051-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 57.15<br>+/-0.600  | 57.15<br>+/-0.600    | DP159-057-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP159-064-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP159-064-CH-1E  | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 1/4-20   |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP159-064-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP159-064-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP159-076-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 1/4-20                                   |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP159-076-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP159-076-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Bright Finish Rc 58-62       |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP159-089-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP159-089-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP159-102-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP159-102-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 114.30<br>+/-0.700 | 114.30<br>+/-0.700   | DP159-114-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 127.00<br>+/-0.800 | 127.00<br>+/-0.800   | DP159-127-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 15.875 (0.625")<br>+0.007/+0.018 (mm) | 152.40<br>+/-0.800 | 152.40<br>+/-0.800   | DP159-152-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 24.00<br>+/-0.420  | 24.00<br>+/-0.420    | DP160-024-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 26.00<br>+/-0.420  | 26.00<br>+/-0.420    | DP160-026-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 28.00<br>+/-0.420  | 28.00<br>+/-0.420    | DP160-028-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500  | 30.00<br>+/-0.500    | DP160-030-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 30.00<br>+/-0.500  | 30.00<br>+/-0.500    | DP160-030-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500  | 32.00<br>+/-0.500    | DP160-032-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 32.00<br>+/-0.500  | 32.00<br>+/-0.500    | DP160-032-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 35.00<br>+/-0.500  | 35.00<br>+/-0.500    | DP160-035-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500  | 36.00<br>+/-0.500    | DP160-036-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 36.00<br>+/-0.500  | 36.00<br>+/-0.500    | DP160-036-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500  | 40.00<br>+/-0.500    | DP160-040-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 40.00<br>+/-0.500  | 40.00<br>+/-0.500    | DP160-040-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP160-045-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP160-045-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP160-050-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 -   |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number      |   |
|---------------------------------------|--------------------|----------------------|------------------|---|
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP160-050-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 50.00<br>+/-0.254  | 58.00                | DP160-050-C-3    | Pins - Dowel - Standard - Unhardened Steel - Rounded Both Ends<br>Type: 3 - Material: Carbon Steel Unhardened                           |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP160-055-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP160-055-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP160-060-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP160-060-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP160-070-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP160-070-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP160-080-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8-1.25                                  |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP160-080-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP160-090-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP160-090-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP160-100-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP160-100-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 110.00<br>+/-0.700 | 110.00<br>+/-0.700   | DP160-110-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP160-120-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M8                                       |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP160-120-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 130.00<br>+/-0.800 | 130.00<br>+/-0.800   | DP160-130-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 16.000 (0.630")<br>+0.007/+0.018 (mm) | 140.00<br>+/-0.800 | 140.00<br>+/-0.800   | DP160-140-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP191-038-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP191-038-CH-1E  | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 5/16-18  |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 38.10<br>+/-0.500  | 38.10<br>+/-0.500    | DP191-038-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP191-051-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP191-051-CH-1E  | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 5/16-18  |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP191-051-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP191-051-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP191-064-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 5/16-18                                  |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP191-064-CHBL-1 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP191-064-CH-1   | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP191-076-CH-1EF | Pins - Dowel - Extractable - With Vent<br>: 1 -   |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP191-076-CH-1E  | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 5/16-18  |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number         |   |
|---------------------------------------|--------------------|----------------------|---------------------|---|
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP191-076-CHBL-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP191-076-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP191-089-CH-1E     | Pins - Dowel - Extractable<br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 5/16-18  |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP191-089-CHBL-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP191-089-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP191-102-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 5/16-18                                  |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP191-102-CHBL-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP191-102-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 114.30<br>+/-0.700 | 114.30<br>+/-0.700   | DP191-114-CH-1-PK05 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 127.00<br>+/-0.800 | 127.00<br>+/-0.800   | DP191-127-CH-1-PK05 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 19.050 (0.750")<br>+0.008/+0.021 (mm) | 152.40<br>+/-0.800 | 152.40<br>+/-0.800   | DP191-152-CH-1-PK05 | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 30.00<br>+/-0.500  | 30.00<br>+/-0.500    | DP200-030-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 32.00<br>+/-0.500  | 32.00<br>+/-0.500    | DP200-032-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                                      |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 32.00<br>+/-0.500  | 32.00<br>+/-0.500    | DP200-032-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 35.00<br>+/-0.500  | 35.00<br>+/-0.500    | DP200-035-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 36.00<br>+/-0.500  | 36.00<br>+/-0.500    | DP200-036-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                                      |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 36.00<br>+/-0.500  | 36.00<br>+/-0.500    | DP200-036-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 40.00<br>+/-0.500  | 40.00<br>+/-0.500    | DP200-040-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10-1.5                                  |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 40.00<br>+/-0.500  | 40.00<br>+/-0.500    | DP200-040-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP200-045-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                                      |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 45.00<br>+/-0.500  | 45.00<br>+/-0.500    | DP200-045-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP200-050-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                                      |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP200-050-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | DP200-055-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                                      |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 55.00<br>+/-0.600  | 55.00<br>+/-0.600    | * DP200-055-CH-1    | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62               |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP200-060-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                                      |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP200-060-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP200-070-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                                      |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP200-070-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP200-080-CH-1EF    | Pins - Dowel - Extractable - With Vent<br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                                      |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP200-080-CH-1      | Pins - Dowel - Standard - Chamfered End<br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

# Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number      |  |
|---------------------------------------|--------------------|----------------------|------------------|--|
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP200-090-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                        |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP200-090-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP200-100-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                        |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP200-100-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 110.00<br>+/-0.700 | 110.00<br>+/-0.700   | * DP200-110-CH-1 | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP200-120-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M10                        |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP200-120-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated and Ground Rc 58-62 |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 130.00<br>+/-0.800 | 130.00<br>+/-0.800   | DP200-130-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 20.000 (0.787")<br>+0.008/+0.021 (mm) | 140.00<br>+/-0.800 | 140.00<br>+/-0.800   | DP200-140-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 22.225 (0.875")<br>+0.008/+0.021 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP222-051-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 50.00<br>+/-0.600  | 50.00<br>+/-0.600    | DP250-050-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP250-060-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M16                        |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 60.00<br>+/-0.600  | 60.00<br>+/-0.600    | DP250-060-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP250-070-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M16                        |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 70.00<br>+/-0.600  | 70.00<br>+/-0.600    | DP250-070-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 80.00<br>+/-0.700  | 80.00<br>+/-0.700    | DP250-080-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP250-090-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M16                        |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 90.00<br>+/-0.700  | 90.00<br>+/-0.700    | DP250-090-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP250-100-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M16                        |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 100.00<br>+/-0.700 | 100.00<br>+/-0.700   | DP250-100-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 110.00<br>+/-0.700 | 110.00<br>+/-0.700   | DP250-110-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP250-120-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: M16                        |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 120.00<br>+/-0.800 | 120.00<br>+/-0.800   | DP250-120-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 130.00<br>+/-0.800 | 130.00<br>+/-0.800   | DP250-130-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 140.00<br>+/-0.800 | 140.00<br>+/-0.800   | DP250-140-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.000 (0.984")<br>+0.008/+0.021 (mm) | 150.00<br>+/-0.800 | 150.00<br>+/-0.800   | DP250-150-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP254-051-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP254-051-CH-1E  | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 5/16-18                                |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 50.80<br>+/-0.600  | 50.80<br>+/-0.600    | DP254-051-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP254-064-CH-1EF | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 5/16-18                    |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 63.50<br>+/-0.600  | 63.50<br>+/-0.600    | DP254-064-CH-1   | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62  |

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

## Dowel Pins

| Diameter (D) mm<br>(inches)           | Length (L) mm      | Overall Length<br>mm | Part Number         |  |
|---------------------------------------|--------------------|----------------------|---------------------|--|
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP254-076-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 - Hardness: Carbon Steel Rc 58-62 - Thread Size: 5/16-18                                  |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP254-076-CHBL-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 76.20<br>+/-0.600  | 76.20<br>+/-0.600    | DP254-076-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 88.90<br>+/-0.700  | 88.90<br>+/-0.700    | DP254-089-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP254-102-CH-1EF    | <i>Pins - Dowel - Extractable - With Vent</i><br>: 1 -   |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP254-102-CH-1E     | <i>Pins - Dowel - Extractable</i><br>: 1 - Material: Carbon Steel Rc 58-62 - Thread Size: 5/16-18  |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP254-102-CHBL-1    | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: 100Cr6 Steel - Heat Treated with Black Lustre Finish Rc 58-62 |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 101.60<br>+/-0.700 | 101.60<br>+/-0.700   | DP254-102-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 114.30<br>+/-0.700 | 114.30<br>+/-0.700   | DP254-114-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 127.00<br>+/-0.800 | 127.00<br>+/-0.800   | DP254-127-CH-1-PK05 | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |
| 25.400 (1.000")<br>+0.008/+0.021 (mm) | 152.40<br>+/-0.800 | 152.40<br>+/-0.800   | DP254-152-CH-1      | <i>Pins - Dowel - Standard - Chamfered End</i><br>Type: 1 (See note) - Material: Alloy Steel - Heat Treated and Ground Rc 58-62                |

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EOE



## Tips

Please ensure you check the website for full information before ordering pins. This catalogue is designed as a quick reference to help you find potentially suitable parts quickly.

Dowel Bushings - used to provide a hardened housing in soft material to allow a bolt to pivot through the centre without damage to surrounding material.

Dowel Pins - provide an almost permanent fixing between two mating parts. Once assembled they are very difficult to remove. Types 1 and 2 lengths are measured over the entire length whilst type 3 rounded end pins are measured excluding the rounded end. The end can be filed or ground off after assembly to disguise the fixing area. Pins with vents assist with assembly and extraction in blind holes by preventing trapped air. Type 1 and 2 pins are generally interchangeable.

Extractable taper pins and dowel pins have either an internal or external thread to assist with disassembly by use of a slide hammer or other pullers.

Taper Pins - used as a quick method to secure parts similar to a dowel pin, but can be removed more easily. Metric pins have a 50:1 taper and the reference end is the small end. Imperial pins have a 48:1 taper and the reference end is the large end.





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# Dowel Pins