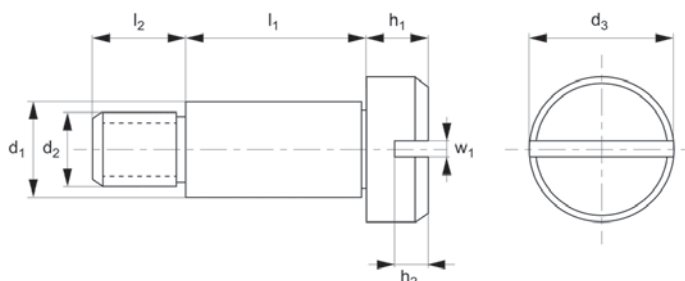




# Inch Shoulder Screws - Cap Head

slot drive - series 303 stainless

## Shoulder Screws



**P0132.i**

SHOULDER SCREWS

### Material

Stainless steel (AISI 303, 1.4305).  
Tensile strength 550 N/mm<sup>2</sup>. Proof  
stress min. 190 N/mm<sup>2</sup>,  
austenitic stainless steel.

stance to corrosion and is non-magnetic.  
These 303 shoulder screws are less expen-  
sive than the 416 stainless steel grade  
versions (see part no. P0133), which are  
stronger and harder, but are magnetic.

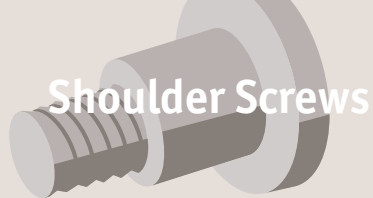
### Tips

Typically used for food and pharmaceutical  
applications.  
For Ø16 stainless steel shoulder screws see  
part no. P0137.

### Technical Notes

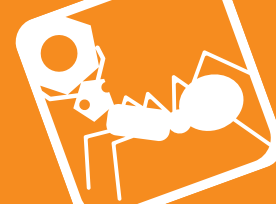
303 stainless steel provides good resi-

| Order No.     | d <sub>1</sub><br>+0,-0.001 | l <sub>1</sub><br>+0.002 -0.000 | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub> | h <sub>1</sub> |
|---------------|-----------------------------|---------------------------------|----------------|----------------|----------------|----------------|
| P0132.125-012 | (1/8") 0,1245               | (1/8") 0,1255                   | #4-40 UNC      | 1/4"           | 5/32"          | 1/8"           |
| P0132.187-012 | (3/16") 0,1870              | (1/8") 0,1255                   | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-018 | (3/16") 0,1870              | (3/16") 0,1880                  | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-025 | (3/16") 0,1870              | (1/4") 0,2505                   | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-031 | (3/16") 0,1870              | (5/16") 0,3130                  | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-037 | (3/16") 0,1870              | (3/8") 0,3755                   | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-050 | (3/16") 0,1870              | (1/2") 0,5005                   | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-062 | (3/16") 0,1870              | (5/8") 0,6255                   | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-075 | (3/16") 0,1870              | (3/4") 0,7505                   | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-100 | (3/16") 0,1870              | (1") 1,0005                     | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-125 | (3/16") 0,1870              | (1 1/4") 1,2505                 | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.187-150 | (3/16") 0,1870              | (1 1/2") 1,5005                 | #8-32 UNC      | 5/16"          | 3/16"          | 5/32"          |
| P0132.250-012 | (1/4") 0,2495               | (1/8") 0,1255                   | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-018 | (1/4") 0,2495               | (3/16") 0,1880                  | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-025 | (1/4") 0,2495               | (1/4") 0,2505                   | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-031 | (1/4") 0,2495               | (5/16") 0,3130                  | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-037 | (1/4") 0,2495               | (3/8") 0,3755                   | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-050 | (1/4") 0,2495               | (1/2") 0,5005                   | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-062 | (1/4") 0,2495               | (5/8") 0,6255                   | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-075 | (1/4") 0,2495               | (3/4") 0,7505                   | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-100 | (1/4") 0,2495               | (1") 1,0005                     | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-125 | (1/4") 0,2495               | (1 1/4") 1,2505                 | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.250-150 | (1/4") 0,2495               | (1 1/2") 1,5005                 | #10-32 UNF     | 3/8"           | 1/4"           | 3/16"          |
| P0132.312-025 | (5/16") 0,3120              | (1/4") 0,2505                   | 1/4-20 UNC     | 1/2"           | 7/16"          | 7/32"          |
| P0132.312-031 | (5/16") 0,3120              | (5/16") 0,3130                  | 1/4-20 UNC     | 1/2"           | 7/16"          | 7/32"          |
| P0132.312-037 | (5/16") 0,3120              | (3/8") 0,3755                   | 1/4-20 UNC     | 1/2"           | 7/16"          | 7/32"          |
| P0132.312-050 | (5/16") 0,3120              | (1/2") 0,5005                   | 1/4-20 UNC     | 1/2"           | 7/16"          | 7/32"          |
| P0132.312-062 | (5/16") 0,3120              | (5/8") 0,6255                   | 1/4-20 UNC     | 1/2"           | 7/16"          | 7/32"          |
| P0132.312-075 | (5/16") 0,3120              | (3/4") 0,7505                   | 1/4-20 UNC     | 1/2"           | 7/16"          | 7/32"          |
| P0132.374-031 | (3/8") 0,3745               | (5/16") 0,3130                  | 1/4-20 UNC     | 1/2"           | 7/16"          | 7/32"          |



# Shoulder Screws

## Inch Shoulder Screws - Cap Head slot drive - series 303 stainless



SHOULDER SCREWS

| Order No.     | $d_1$<br>+0,-0.001 | $l_1$<br>+0.002 -0.000 | $d_2$       | $d_3$ | $l_2$ | $h_1$ |
|---------------|--------------------|------------------------|-------------|-------|-------|-------|
| P0132.374-037 | (3/8") 0,3745      | (3/8") 0,3755          | 1/4-20 UNC  | 1/2"  | 7/16" | 7/32" |
| P0132.374-050 | (3/8") 0,3745      | (1/2") 0,5005          | 1/4-20 UNC  | 1/2"  | 7/16" | 7/32" |
| P0132.374-062 | (3/8") 0,3745      | (5/8") 0,6255          | 1/4-20 UNC  | 1/2"  | 7/16" | 7/32" |
| P0132.375-031 | (3/8") 0,3745      | (5/16") 0,3130         | 5/16-18 UNC | 9/16" | 1/2"  | 1/4"  |
| P0132.375-037 | (3/8") 0,3745      | (3/8") 0,3755          | 5/16-18 UNC | 9/16" | 1/2"  | 1/4"  |
| P0132.375-050 | (3/8") 0,3745      | (1/2") 0,5005          | 5/16-18 UNC | 9/16" | 1/2"  | 1/4"  |
| P0132.375-062 | (3/8") 0,3745      | (5/8") 0,6255          | 5/16-18 UNC | 9/16" | 1/2"  | 1/4"  |
| P0132.500-050 | (1/2") 0,4995      | (1/2") 0,5005          | 3/8-16 UNC  | 3/4"  | 5/8"  | 5/16" |
| P0132.500-062 | (1/2") 0,4995      | (5/8") 0,6255          | 3/8-16 UNC  | 3/4"  | 5/8"  | 5/16" |
| P0132.500-075 | (1/2") 0,4995      | (3/4") 0,7505          | 3/8-16 UNC  | 3/4"  | 5/8"  | 5/16" |
| P0132.500-100 | (1/2") 0,4995      | (1") 1,0005            | 3/8-16 UNC  | 3/4"  | 5/8"  | 5/16" |