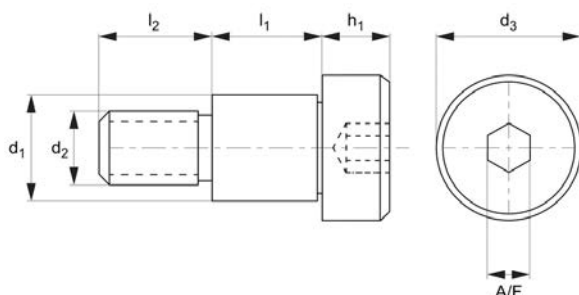




# Shoulder Screws - Cap Head

hex drive - 316 stainless, blackened

## Shoulder Screws



**P0130.B4**

SHOULDER SCREWS

### Material

Stainless steel (AISI 316, 1.440) black oxide coating.  
Tensile strength 480 N/mm<sup>2</sup>.  
Proof stress min. 200 N/mm<sup>2</sup>, austenitic

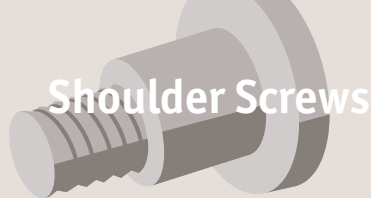
stainless steel.

### Technical Notes

Highly resistant to corrosion (including from salt water).

Shim washers can be used to reduce shoulder length if required. It is non-magnetic.

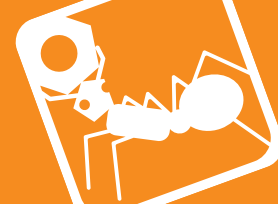
| Order No.        | d <sub>1</sub><br>+0 -0.025 | l <sub>1</sub><br>+0.05 -0.0 | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub> | h <sub>1</sub> | A/F |
|------------------|-----------------------------|------------------------------|----------------|----------------|----------------|----------------|-----|
| P0130.030-003-B4 | 3                           | 3                            | M 2            | 5              | 4              | 2              | 1.5 |
| P0130.030-004-B4 | 3                           | 4                            | M 2            | 5              | 4              | 2              | 1.5 |
| P0130.030-005-B4 | 3                           | 5                            | M 2            | 5              | 4              | 2              | 1.5 |
| P0130.030-006-B4 | 3                           | 6                            | M 2            | 5              | 4              | 2              | 1.5 |
| P0130.030-007-B4 | 3                           | 7                            | M 2            | 5              | 4              | 2              | 1.5 |
| P0130.030-008-B4 | 3                           | 8                            | M 2            | 5              | 4              | 2              | 1.5 |
| P0130.030-010-B4 | 3                           | 10                           | M 2            | 5              | 4              | 2              | 1.5 |
| P0130.040-004-B4 | 4                           | 4                            | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-005-B4 | 4                           | 5                            | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-006-B4 | 4                           | 6                            | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-007-B4 | 4                           | 7                            | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-008-B4 | 4                           | 8                            | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-010-B4 | 4                           | 10                           | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-012-B4 | 4                           | 12                           | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-014-B4 | 4                           | 14                           | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-016-B4 | 4                           | 16                           | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-018-B4 | 4                           | 18                           | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.040-020-B4 | 4                           | 20                           | M 3            | 6              | 4              | 3              | 2.0 |
| P0130.050-005-B4 | 5                           | 5                            | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-006-B4 | 5                           | 6                            | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-007-B4 | 5                           | 7                            | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-008-B4 | 5                           | 8                            | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-010-B4 | 5                           | 10                           | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-012-B4 | 5                           | 12                           | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-014-B4 | 5                           | 14                           | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-016-B4 | 5                           | 16                           | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-018-B4 | 5                           | 18                           | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-020-B4 | 5                           | 20                           | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-025-B4 | 5                           | 25                           | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.050-030-B4 | 5                           | 30                           | M 4            | 8              | 5              | 4              | 2.5 |
| P0130.060-006-B4 | 6                           | 6                            | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-007-B4 | 6                           | 7                            | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-008-B4 | 6                           | 8                            | M 5            | 10             | 6              | 5              | 3.0 |



# Shoulder Screws

## Shoulder Screws - Cap Head

hex drive - 316 stainless, blackened



SHOULDER SCREWS

| Order No.        | d <sub>1</sub><br>+0 -0.025 | l <sub>1</sub><br>+0.05 -0.0 | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub> | h <sub>1</sub> | A/F |
|------------------|-----------------------------|------------------------------|----------------|----------------|----------------|----------------|-----|
| P0130.060-010-B4 | 6                           | 10                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-012-B4 | 6                           | 12                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-014-B4 | 6                           | 14                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-016-B4 | 6                           | 16                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-018-B4 | 6                           | 18                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-020-B4 | 6                           | 20                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-025-B4 | 6                           | 25                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-030-B4 | 6                           | 30                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-035-B4 | 6                           | 35                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-040-B4 | 6                           | 40                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-045-B4 | 6                           | 45                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.060-050-B4 | 6                           | 50                           | M 5            | 10             | 6              | 5              | 3.0 |
| P0130.080-008-B4 | 8                           | 8                            | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-010-B4 | 8                           | 10                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-012-B4 | 8                           | 12                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-014-B4 | 8                           | 14                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-016-B4 | 8                           | 16                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-018-B4 | 8                           | 18                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-020-B4 | 8                           | 20                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-025-B4 | 8                           | 25                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-030-B4 | 8                           | 30                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-035-B4 | 8                           | 35                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-040-B4 | 8                           | 40                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-045-B4 | 8                           | 45                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.080-050-B4 | 8                           | 50                           | M 6            | 12             | 11             | 6              | 4.0 |
| P0130.100-008-B4 | 10                          | 8                            | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-010-B4 | 10                          | 10                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-012-B4 | 10                          | 12                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-014-B4 | 10                          | 14                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-016-B4 | 10                          | 16                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-020-B4 | 10                          | 20                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-025-B4 | 10                          | 25                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-030-B4 | 10                          | 30                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-035-B4 | 10                          | 35                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-040-B4 | 10                          | 40                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-045-B4 | 10                          | 45                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-050-B4 | 10                          | 50                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-055-B4 | 10                          | 55                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-060-B4 | 10                          | 60                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-065-B4 | 10                          | 65                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.100-070-B4 | 10                          | 70                           | M 8            | 14             | 12             | 7              | 5.0 |
| P0130.120-008-B4 | 12                          | 8                            | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-010-B4 | 12                          | 10                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-012-B4 | 12                          | 12                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-014-B4 | 12                          | 14                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-016-B4 | 12                          | 16                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-018-B4 | 12                          | 18                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-020-B4 | 12                          | 20                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-025-B4 | 12                          | 25                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-030-B4 | 12                          | 30                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-035-B4 | 12                          | 35                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-040-B4 | 12                          | 40                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-045-B4 | 12                          | 45                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-050-B4 | 12                          | 50                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-055-B4 | 12                          | 55                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-060-B4 | 12                          | 60                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-065-B4 | 12                          | 65                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.120-070-B4 | 12                          | 70                           | M 10           | 20             | 16             | 8              | 6.0 |
| P0130.160-025-B4 | 16                          | 25                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-030-B4 | 16                          | 30                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-035-B4 | 16                          | 35                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-040-B4 | 16                          | 40                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-045-B4 | 16                          | 45                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-050-B4 | 16                          | 50                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-055-B4 | 16                          | 55                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-060-B4 | 16                          | 60                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-065-B4 | 16                          | 65                           | M 12           | 24             | 18             | 11             | 8.0 |
| P0130.160-070-B4 | 16                          | 70                           | M 12           | 24             | 18             | 11             | 8.0 |



## Shoulder Screws - Cap Head

hex drive - 316 stainless, blackened

## Shoulder Screws



| Order No.        | $d_1$<br>+0 -0.025 | $l_1$<br>+0.05 -0.0 | $d_2$ | $d_3$ | $l_2$ | $h_1$ | A/F  |
|------------------|--------------------|---------------------|-------|-------|-------|-------|------|
| P0130.160-075-B4 | 16                 | 75                  | M 12  | 24    | 18    | 11    | 8.0  |
| P0130.160-080-B4 | 16                 | 80                  | M 12  | 24    | 18    | 11    | 8.0  |
| P0130.160-090-B4 | 16                 | 90                  | M 12  | 24    | 18    | 11    | 8.0  |
| P0130.160-100-B4 | 16                 | 100                 | M 12  | 24    | 18    | 11    | 8.0  |
| P0130.200-030-B4 | 20                 | 30                  | M 16  | 30    | 22    | 14    | 10.0 |
| P0130.200-035-B4 | 20                 | 35                  | M 16  | 30    | 22    | 14    | 10.0 |
| P0130.200-040-B4 | 20                 | 40                  | M 16  | 30    | 22    | 14    | 10.0 |
| P0130.200-045-B4 | 20                 | 45                  | M 16  | 30    | 22    | 14    | 10.0 |
| P0130.200-050-B4 | 20                 | 50                  | M 16  | 30    | 22    | 14    | 10.0 |

SHOULDER SCREWS