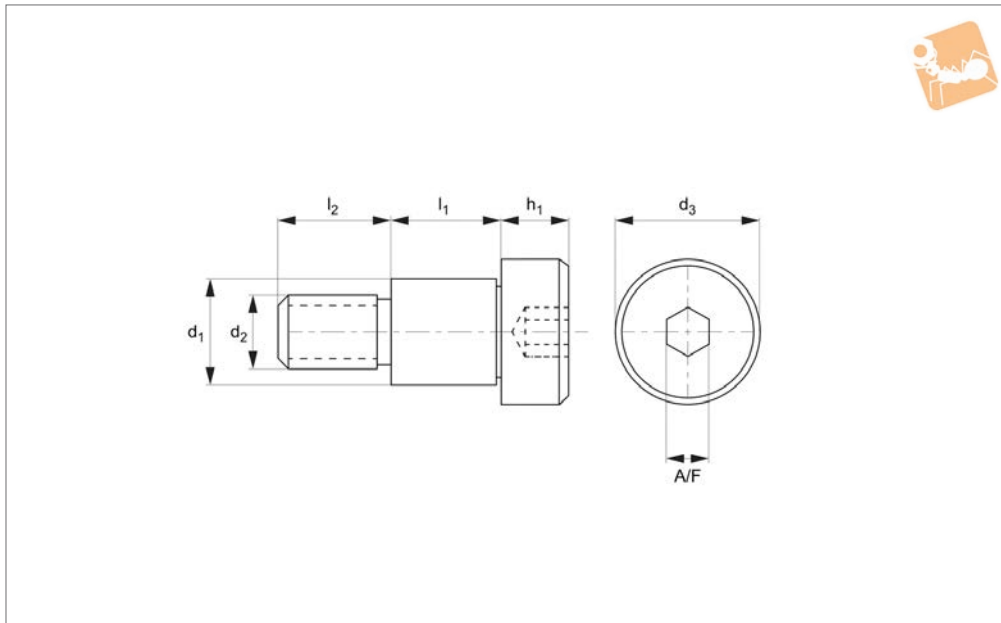




Shoulder Screws - Cap Head

hex drive - 303 stainless

Shoulder Screws



P0130.A2

SHOULDER SCREWS

Material

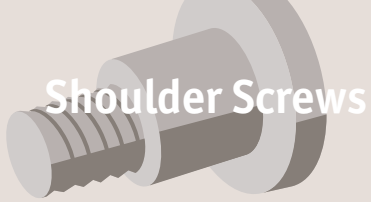
Stainless steel (AISI 303, 1.4305). Tensile strength 550 N/mm². Proof stress min. 190 N/mm², austenitic stainless steel.

Technical Notes

303 series stainless steel provides good resistance to corrosion. It is mildly magnetic.

For torx drive versions please see P0145. Special lengths and diameters produced to drawings.

| Order No. | d ₁ +0 -0.025 | l ₁ +0.05 -0.0 | d ₂ | d ₃ | l ₂ | h ₁ | A/F |
|------------------|-----------------------------|------------------------------|----------------|----------------|----------------|----------------|-----|
| P0130.030-002-A2 | 3 | 2 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-003-A2 | 3 | 3 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-004-A2 | 3 | 4 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-005-A2 | 3 | 5 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-006-A2 | 3 | 6 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-007-A2 | 3 | 7 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-008-A2 | 3 | 8 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-010-A2 | 3 | 10 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-012-A2 | 3 | 12 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-014-A2 | 3 | 14 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-016-A2 | 3 | 16 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-018-A2 | 3 | 18 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-020-A2 | 3 | 20 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.030-025-A2 | 3 | 25 | M 2 | 5 | 4 | 2 | 1.5 |
| P0130.040-002-A2 | 4 | 2 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-003-A2 | 4 | 3 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-004-A2 | 4 | 4 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-005-A2 | 4 | 5 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-006-A2 | 4 | 6 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-007-A2 | 4 | 7 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-008-A2 | 4 | 8 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-010-A2 | 4 | 10 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-012-A2 | 4 | 12 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-014-A2 | 4 | 14 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-016-A2 | 4 | 16 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-018-A2 | 4 | 18 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-020-A2 | 4 | 20 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-025-A2 | 4 | 25 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-030-A2 | 4 | 30 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-035-A2 | 4 | 35 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-040-A2 | 4 | 40 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-045-A2 | 4 | 45 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.040-050-A2 | 4 | 50 | M 3 | 6 | 4 | 3 | 2.0 |
| P0130.050-002-A2 | 5 | 2 | M 4 | 8 | 5 | 4 | 2.5 |



Shoulder Screws

Shoulder Screws - Cap Head

hex drive - 303 stainless



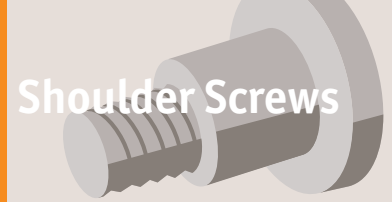
SHOULDER SCREWS

| Order No. | d ₁ +0 -0.025 | l ₁ +0.05 -0.0 | d ₂ | d ₃ | l ₂ | h ₁ | A/F |
|------------------|-----------------------------|------------------------------|----------------|----------------|----------------|----------------|-----|
| P0130.050-003-A2 | 5 | 3 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-004-A2 | 5 | 4 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-005-A2 | 5 | 5 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-006-A2 | 5 | 6 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-007-A2 | 5 | 7 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-008-A2 | 5 | 8 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-010-A2 | 5 | 10 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-012-A2 | 5 | 12 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-014-A2 | 5 | 14 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-016-A2 | 5 | 16 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-018-A2 | 5 | 18 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-020-A2 | 5 | 20 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-025-A2 | 5 | 25 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-030-A2 | 5 | 30 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-035-A2 | 5 | 35 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-040-A2 | 5 | 40 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-045-A2 | 5 | 45 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.050-050-A2 | 5 | 50 | M 4 | 8 | 5 | 4 | 2.5 |
| P0130.060-002-A2 | 6 | 2 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-003-A2 | 6 | 3 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-004-A2 | 6 | 4 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-005-A2 | 6 | 5 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-006-A2 | 6 | 6 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-007-A2 | 6 | 7 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-008-A2 | 6 | 8 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-010-A2 | 6 | 10 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-012-A2 | 6 | 12 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-014-A2 | 6 | 14 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-016-A2 | 6 | 16 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-018-A2 | 6 | 18 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-020-A2 | 6 | 20 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-025-A2 | 6 | 25 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-030-A2 | 6 | 30 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-035-A2 | 6 | 35 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-040-A2 | 6 | 40 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-045-A2 | 6 | 45 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-050-A2 | 6 | 50 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-055-A2 | 6 | 55 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-060-A2 | 6 | 60 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-070-A2 | 6 | 70 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-080-A2 | 6 | 80 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-090-A2 | 6 | 90 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.060-100-A2 | 6 | 100 | M 5 | 10 | 6 | 5 | 3.0 |
| P0130.080-004-A2 | 8 | 4 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-005-A2 | 8 | 5 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-006-A2 | 8 | 6 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-007-A2 | 8 | 7 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-008-A2 | 8 | 8 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-010-A2 | 8 | 10 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-012-A2 | 8 | 12 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-014-A2 | 8 | 14 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-016-A2 | 8 | 16 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-018-A2 | 8 | 18 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-020-A2 | 8 | 20 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-025-A2 | 8 | 25 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-030-A2 | 8 | 30 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-035-A2 | 8 | 35 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-040-A2 | 8 | 40 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-045-A2 | 8 | 45 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-050-A2 | 8 | 50 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-055-A2 | 8 | 55 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-060-A2 | 8 | 60 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-065-A2 | 8 | 65 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-070-A2 | 8 | 70 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-075-A2 | 8 | 75 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-080-A2 | 8 | 80 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-090-A2 | 8 | 90 | M 6 | 12 | 11 | 6 | 4.0 |
| P0130.080-100-A2 | 8 | 100 | M 6 | 12 | 11 | 6 | 4.0 |



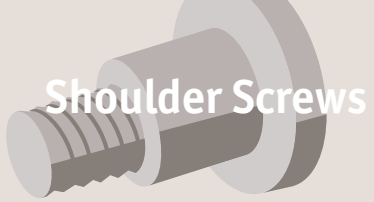
Shoulder Screws - Cap Head

hex drive - 303 stainless



| Order No. | d ₁ +0 -0.025 | l ₁ +0.05 -0.0 | d ₂ | d ₃ | l ₂ | h ₁ | A/F |
|------------------|-----------------------------|------------------------------|----------------|----------------|----------------|----------------|------|
| P0130.100-008-M6 | 10 | 8 | M 6 | 14 | 11 | 7 | 5.0 |
| P0130.100-010-M6 | 10 | 10 | M 6 | 14 | 11 | 7 | 5.0 |
| P0130.100-012-M6 | 10 | 12 | M 6 | 14 | 11 | 7 | 5.0 |
| P0130.100-016-M6 | 10 | 16 | M 6 | 14 | 11 | 7 | 5.0 |
| P0130.100-008-M8 | 10 | 8 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-010-M8 | 10 | 10 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-012-M8 | 10 | 12 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-014-M8 | 10 | 14 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-016-M8 | 10 | 16 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-018-M8 | 10 | 18 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-020-M8 | 10 | 20 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-025-M8 | 10 | 25 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-030-M8 | 10 | 30 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-035-M8 | 10 | 35 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-040-M8 | 10 | 40 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-045-M8 | 10 | 45 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-050-M8 | 10 | 50 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-055-M8 | 10 | 55 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-060-M8 | 10 | 60 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-065-M8 | 10 | 65 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-070-M8 | 10 | 70 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-080-M8 | 10 | 80 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-090-M8 | 10 | 90 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.100-100-M8 | 10 | 100 | M 8 | 14 | 12 | 7 | 5.0 |
| P0130.120-008-A2 | 12 | 8 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-010-A2 | 12 | 10 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-012-A2 | 12 | 12 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-014-A2 | 12 | 14 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-016-A2 | 12 | 16 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-018-A2 | 12 | 18 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-020-A2 | 12 | 20 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-025-A2 | 12 | 25 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-030-A2 | 12 | 30 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-035-A2 | 12 | 35 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-040-A2 | 12 | 40 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-045-A2 | 12 | 45 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-050-A2 | 12 | 50 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-055-A2 | 12 | 55 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-060-A2 | 12 | 60 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-065-A2 | 12 | 65 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-070-A2 | 12 | 70 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-075-A2 | 12 | 75 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-080-A2 | 12 | 80 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-090-A2 | 12 | 90 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.120-100-A2 | 12 | 100 | M 10 | 20 | 16 | 8 | 6.0 |
| P0130.160-025-A2 | 16 | 25 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-030-A2 | 16 | 30 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-035-A2 | 16 | 35 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-040-A2 | 16 | 40 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-045-A2 | 16 | 45 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-050-A2 | 16 | 50 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-055-A2 | 16 | 55 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-060-A2 | 16 | 60 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-065-A2 | 16 | 65 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-070-A2 | 16 | 70 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-075-A2 | 16 | 75 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-080-A2 | 16 | 80 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-090-A2 | 16 | 90 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.160-100-A2 | 16 | 100 | M 12 | 24 | 18 | 11 | 8.0 |
| P0130.200-030-A2 | 20 | 30 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-035-A2 | 20 | 35 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-040-A2 | 20 | 40 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-045-A2 | 20 | 45 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-050-A2 | 20 | 50 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-055-A2 | 20 | 55 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-060-A2 | 20 | 60 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-065-A2 | 20 | 65 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-070-A2 | 20 | 70 | M 16 | 30 | 22 | 14 | 10.0 |

SHOULDER SCREWS



Shoulder Screws

Shoulder Screws - Cap Head hex drive - 303 stainless



| Order No. | d ₁ +0 -0.025 | l ₁ +0.05 -0.0 | d ₂ | d ₃ | l ₂ | h ₁ | A/F |
|------------------|-----------------------------|------------------------------|----------------|----------------|----------------|----------------|------|
| P0130.200-075-A2 | 20 | 75 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-080-A2 | 20 | 80 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-090-A2 | 20 | 90 | M 16 | 30 | 22 | 14 | 10.0 |
| P0130.200-100-A2 | 20 | 100 | M 16 | 30 | 22 | 14 | 10.0 |

SHOULDER SCREWS



Product Overview

Shoulder Screws & Shoulder Bolts



SHOULDER SCREWS

Steel shoulder screws

These are our least expensive option. They are produced to ISO 7379 standards.

Thread sizes from Ø4 M3 to Ø24 M20. We manufacture special shoulder screws to customer drawings with a minimum batch size.



Stainless steel shoulder screws

We have three different grades of stainless steel shoulder screws:

303 series – these are our standard grade of stainless (P0130.A2). They are strong and resistant to corrosion but not to very harsh environments such as salt water.


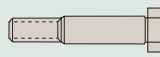




416 series – these are made from harder stainless steel with improved shear strengths but the parts are more prone to corrosion (see part no. P0131 and P0133).

316 series – these shoulder screws (P0130.A4) are very resistant to corrosion but are considerably more expensive than other stainless versions.



Shoulder bolts

Our range of precision shoulder bolts with hexagonal heads come in both steel (grades 8.8 and 10.9) and stainless steel (303 and 316 stainless). These bolts are manufactured to DIN 609 and DIN 610. We also have shoulder bolts for construction, manufactured to DIN 7968.

| | DIN 609 standard length thread | DIN 610 short length thread | DIN 7968 construction |
|---|--|---|---|
| Grade 8.8 steel  |  |  |  |
| Grade 10.9 steel  | P0138.SC | P0140.SC | P0142 |
| 303 stainless steel  | P0139 | P0141 | - |
| | P0138.A2 | P0140.A2 | - |

ov-shoulder-screws-product-overview-a-rmh - Updated 17-02-2023



Shoulder Screw from Automation Components

| Part No. | | Material | Head | Corrosion resistance | Strength | Ø/thread | DIN/ISO |
|----------|--|---------------------|---------------------------|----------------------|----------|------------------------------|----------|
| P0130 | | 303 stainless steel | Hex socket | ✓✓ | ✓ | Min: Ø4/M3 Max: Ø20/M16 | - |
| P0130.A4 | | 316 stainless steel | Hex socket | ✓✓✓ | ✓ | Min: Ø4/M3 Max: Ø20/M16 | ISO 7379 |
| P0131 | | 416 stainless steel | Hex socket | ✓ | ✓✓ | Min: Ø4/M3 Max: Ø12/M10 | - |
| P0132 | | 303 stainless steel | Slotted | ✓✓ | ✓ | Min: Ø4/M3 Max: Ø12/M10 | - |
| P0133 | | 416 stainless steel | Slotted | ✓ | ✓✓ | Min: Ø4/M3 Max: Ø12/M10 | - |
| P0134 | | 303 stainless steel | Hex socket | ✓✓ | ✓ | Min: Ø4/M3 Max: Ø8/M6 | - |
| P0135 | | 303 stainless steel | Hex head | ✓✓ | ✓ | Min: Ø4/M3 Max: Ø12/M10 | - |
| P0136 | | Steel 12,9 | Hex socket | ✗ | ✓✓ | Min: Ø4/M3 Max: Ø24/M20 | ISO 7379 |
| P0137 | | 304 stainless steel | Hex socket | ✓✓ | ✓ | Min: Ø6/M5 Max: Ø20/M16 | ISO 7379 |
| P0138 | | Steel 8,8 | Hex head (long thread) | ✗ | ✓ | Min: Ø9/M8 Max: Ø44/M42 | DIN 610 |
| P0139 | | Steel 10,9 | Hex head (long thread) | ✗ | ✓✓ | Min: Ø9/M8 Max: Ø38/M36 | DIN 610 |
| P0140 | | Steel 8,8 | Hex socket (short thread) | ✗ | ✓✓ | Min: Ø9/M8 Max: Ø44/M42 | DIN 609 |
| P0141 | | Steel 10,9 | Hex socket (short thread) | ✗ | ✓✓ | Min: Ø9/M8 Max: Ø38/M36 | DIN 609 |
| P0142 | | Steel 8,8 | Hex head | ✗ | ✓✓ | Min: Ø12/M12 Max: Ø27/M27 | DIN 7968 |
| P0144 | | 303 stainless steel | Pan head | ✓✓ | ✓✓ | Min: Ø4/M3 Max: Ø10/M8 | DIN 923 |