

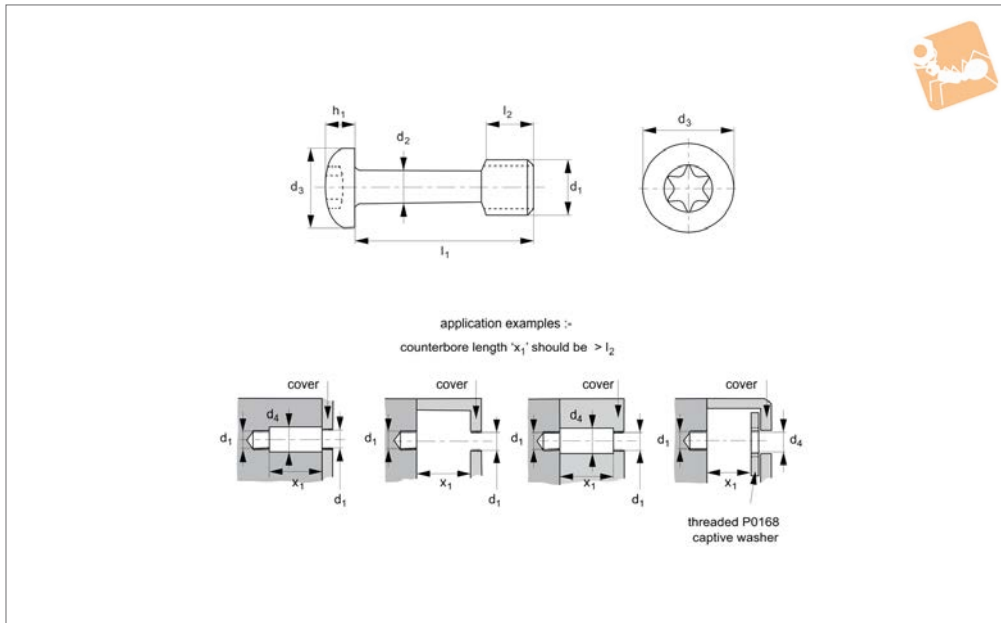


Captive Screws - Pan Head

TX drive - 303 stainless, blackened



Captive Screws



P0150.B2

CAPTIVE SCREWS

Material

Stainless steel (AISI 303, 1.4305), black oxide coating. Tensile strength 550 N/mm². Proof stress min. 190 N/mm², austenitic stainless steel.
Also available on request in steel (anodised, black oxide or zinc plated), stainless steel (AISI 316, 1.440), brass, aluminium etc.

Technical Notes

Used to comply with the Machinery Directive 2006/42/EC. Generally to ISO 14583. Often used with our captive washer (P0168) or retaining flanges (P0169 - for sheet metal applications). The use of our captive washer should be considered when fitted in panels with unthreaded holes.
*M 8 sizes have a reduced TX size.

Important Notes

Please note that these screws have a reduced diameter shank and should not be tightened to the recommended torque for an equivalent machine screw of size d₁.

| Order No. | d ₁ | l ₁ ±0.25 | d ₂ ±0.12 | l ₂ ±0.25 | d ₃ max. | d ₄ min. | h ₁ max. | TX size |
|------------------|----------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|---------|
| P0150.030-008-B2 | M 3 | 8 | 2.0 | 4.5 | 6 | 3.5 | 2.5 | TX-10 |
| P0150.030-010-B2 | M 3 | 10 | 2.0 | 4.5 | 6 | 3.5 | 2.5 | TX-10 |
| P0150.030-016-B2 | M 3 | 16 | 2.0 | 4.5 | 6 | 3.5 | 2.5 | TX-10 |
| P0150.030-020-B2 | M 3 | 20 | 2.0 | 4.5 | 6 | 3.5 | 2.5 | TX-10 |
| P0150.030-025-B2 | M 3 | 25 | 2.0 | 4.5 | 6 | 3.5 | 2.5 | TX-10 |
| P0150.030-030-B2 | M 3 | 30 | 2.0 | 4.5 | 6 | 3.5 | 2.5 | TX-10 |
| P0150.040-008-B2 | M 4 | 8 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.040-010-B2 | M 4 | 10 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.040-012-B2 | M 4 | 12 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.040-016-B2 | M 4 | 16 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.040-020-B2 | M 4 | 20 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.040-025-B2 | M 4 | 25 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.040-030-B2 | M 4 | 30 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.040-040-B2 | M 4 | 40 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.040-050-B2 | M 4 | 50 | 2.8 | 6.0 | 8 | 4.5 | 3.2 | TX-20 |
| P0150.050-010-B2 | M 5 | 10 | 3.7 | 7.5 | 10 | 5.5 | 3.9 | TX-25 |
| P0150.050-012-B2 | M 5 | 12 | 3.7 | 7.5 | 10 | 5.5 | 3.9 | TX-25 |
| P0150.050-016-B2 | M 5 | 16 | 3.7 | 7.5 | 10 | 5.5 | 3.9 | TX-25 |
| P0150.050-020-B2 | M 5 | 20 | 3.7 | 7.5 | 10 | 5.5 | 3.9 | TX-25 |
| P0150.050-025-B2 | M 5 | 25 | 3.7 | 7.5 | 10 | 5.5 | 3.9 | TX-25 |
| P0150.050-030-B2 | M 5 | 30 | 3.7 | 7.5 | 10 | 5.5 | 3.9 | TX-25 |
| P0150.050-040-B2 | M 5 | 40 | 3.7 | 7.5 | 10 | 5.5 | 3.9 | TX-25 |
| P0150.050-050-B2 | M 5 | 50 | 3.7 | 7.5 | 10 | 5.5 | 3.9 | TX-25 |
| P0150.060-010-B2 | M 6 | 10 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.060-012-B2 | M 6 | 12 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.060-016-B2 | M 6 | 16 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.060-020-B2 | M 6 | 20 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.060-025-B2 | M 6 | 25 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |



| Order No. | d ₁ | l ₁ ±0.25 | d ₂ ±0.12 | l ₂ ±0.25 | d ₃ max. | d ₄ min. | h ₁ max. | TX size |
|------------------|----------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|---------|
| P0150.060-030-B2 | M 6 | 30 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.060-040-B2 | M 6 | 40 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.060-050-B2 | M 6 | 50 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.060-060-B2 | M 6 | 60 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.060-080-B2 | M 6 | 80 | 4.2 | 7.5 | 12 | 6.5 | 4.7 | TX-30 |
| P0150.080-012-B2 | M 8 | 12 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-016-B2 | M 8 | 16 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-020-B2 | M 8 | 20 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-025-B2 | M 8 | 25 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-030-B2 | M 8 | 30 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-035-B2 | M 8 | 35 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-040-B2 | M 8 | 40 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-045-B2 | M 8 | 45 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-050-B2 | M 8 | 50 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-060-B2 | M 8 | 60 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |
| P0150.080-080-B2 | M 8 | 80 | 6.0 | 10.0 | 16 | 8.5 | 6.1 | TX-30* |