

Wire Rope Clip with Forged Bridge Powertex PCTB

Product information



The Powertex Wire Rope Clip with forged Bridge PCTB is suitable for suspending static loads and single-use lifting operations. Available in sizes from 6 to 40 mm, this wire rope clip is designed and tested in accordance with the EN 13411-5B standard, ensuring compliance and reliability in every use.

Product benefits

Safety compliance: These wire rope clips comply with EN 13411-5 (Type B) standards, meeting stringent safety and quality requirements.

Superb grip: The bridge features distinctive friction ridges that increase friction between the bridge and the wire rope, ensuring a secure grip where the rope makes contact with the bridge.

High load capacity: When correctly mounted, the assembly can withstand up to 80% of the rope's minimum breaking load (MBL), providing robust and reliable performance.

Compatibility: Designed for use with six-stranded right-hand lay ropes in 6x19 (M) and 6x36 classes and right-hand ordinary lay wire rope in 8x19 class up to 1960 N/mm², with fiber core and steel core.

Durable finish: 7-10 mm Dacromet, >10 mm are hot-dip galvanized

Full traceability: Every Wire Rope Clip is marked with Powertex or PX branding, Size, and a traceability code, ensuring traceability to the production lot and raw materials.

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Material: Carbon steel

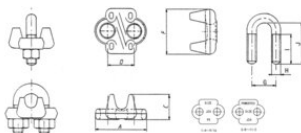
Marking: Powertex (PX), Size, Batch no/traceability code

Finish: Dacromet or Hot-dip galvanized

Warning: Not suitable for use with compacted, hammered, or plastic-covered steel wire ropes. Additionally, these clips should not be used with spiral strand ropes.

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Blueprint



Technical data

| Part code | Code | Rope Ø range mm | Size | Thread | No. of clips when lifting | Torque Nm | A mm | C mm | D mm | F mm | G mm | H mm | I mm | J mm | Weight kg |
|-----------|---------|-----------------|-------|-------------|---------------------------|-----------|------|------|------|------|------|------|------|-------|-----------|
| PCTB-7 | PCTB-7 | 6-7 | 1/4 | 5/16-18 UNC | 2 | 20.3 | 38.5 | 16.4 | 19 | 30.7 | 19 | 7.4 | 18 | 28 | 0.08 |
| PCTB-8 | PCTB-8 | 8 | 5/16 | 3/8-16 UNC | 3 | 40.7 | 43.2 | 20.5 | 22.6 | 33.3 | 22.6 | 9.2 | 21 | 37 | 0.12 |
| PCTB-10 | PCTB-10 | 9-10 | 3/8 | 7/16-14 UNC | 3 | 61 | 49 | 22 | 25 | 40.3 | 25 | 10.7 | 25 | 39 | 0.2 |
| PCTB-11 | PCTB-11 | 11 | 7/16 | 1/2-13 UNC | 3 | 88 | 58 | 28 | 30.5 | 47.3 | 30.5 | 12.1 | 26 | 50 | 0.32 |
| PCTB-13 | PCTB-13 | 12-13 | 1/2 | 1/2-13 UNC | 3 | 88 | 58 | 28 | 30.5 | 47.3 | 30.5 | 12.1 | 26 | 51 | 0.33 |
| PCTB-15 | PCTB-15 | 14-15 | 9/16 | 9/16-12 UNC | 3 | 129 | 63 | 31 | 34 | 51 | 34 | 14 | 38 | 63 | 0.45 |
| PCTB-16 | PCTB-16 | 16 | 5/8 | 9/16-12 UNC | 3 | 129 | 63 | 31 | 34 | 51 | 34 | 14 | 38 | 64 | 0.46 |
| PCTB-20 | PCTB-20 | 18-20 | 3/4 | 5/8-11 UNC | 4 | 176 | 72 | 34 | 39 | 57 | 39 | 15.4 | 42 | 73 | 0.65 |
| PCTB-22 | PCTB-22 | 22 | 7/8 | 3/4-10 UNC | 4 | 305 | 80 | 36 | 44 | 62 | 44 | 18.7 | 44 | 79 | 0.94 |
| PCTB-26 | PCTB-26 | 24-26 | 1 | 3/4-10 UNC | 5 | 305 | 88 | 44 | 47 | 66 | 47 | 18.7 | 52 | 93 | 1.1 |
| PCTB-30 | PCTB-30 | 28-30 | 1-1/8 | 3/4-10 UNC | 6 | 305 | 90 | 48 | 51 | 69 | 51 | 18.7 | 54 | 99 | 1.3 |
| PCTB-34 | PCTB-34 | 32-34 | 1-1/4 | 7/8-9 UNC | 7 | 488 | 104 | 53 | 58.2 | 78.5 | 58.5 | 21.2 | 58.5 | 111.5 | 1.8 |
| PCTB-36 | PCTB-36 | 36 | 1-3/8 | 7/8-9 UNC | 7 | 488 | 105 | 56 | 59 | 80 | 59 | 21.2 | 61 | 118 | 2 |
| PCTB-40 | PCTB-40 | 38-40 | 1-1/2 | 7/8-9 UNC | 8 | 488 | 112 | 60 | 66 | 86 | 66 | 21.2 | 62 | 124 | 2.3 |