Lifting Solutions Group
Axel Johnson International

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.

... *Read more*

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.

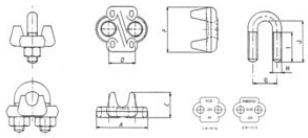
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Blueprint



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
121100700230	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
121100800230	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
121101000230	PCTB-10	9-10	3/8	7/16-14 UNC	3	61	49	22	25	40.3	25	10.7	25	39	0.2
121101100230	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
121101300230	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
121101500230	PCTB-15	14-15	9/16	9/16-12 UNC	3	129	63	31	34	51	34	14	38	63	0.45
121101600230	PCTB-16	16	5/8	9/16-12 UNC	3	129	63	31	34	51	34	14	38	64	0.46
121102000230	PCTB-20	18-20	3/4	5/8-11 UNC	4	176	72	34	39	57	39	15.4	42	73	0.65
121102200230	PCTB-22	22	7/8	3/4-10 UNC	4	305	80	36	44	62	44	18.7	44	79	0.94
121102600230	PCTB-26	24-26	1	3/4-10 UNC	5	305	88	44	47	66	47	18.7	52	93	1.1
121103000230	PCTB-30	28-30	1-1/8	3/4-10 UNC	6	305	90	48	51	69	51	18.7	54	99	1.3
121103400230	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
121103600230	PCTB-36	36	1-3/8	7/8-9 UNC	7	488	105	56	59	80	59	21.2	61	118	2
121104000230	PCTB-40	38-40	1-1/2	7/8-9 UNC	8	488	112	60	66	86	66	21.2	62	124	2.3

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