CERTEX | Lifting Solutions Group
Axel Johnson International

Bow Shackle POWERTEX PBSP Blackline

Product information



POWERTEX

The POWERTEX Blackline Bow Shackle PBSP is a high-strength Grade 6 lifting shackle designed for demanding industrial and entertainment applications where low visual reflection is important. Supplied with an alloy steel screw pin, it allows quick assembly and disassembly for temporary or frequently changed lifting configurations.

The bow shape supports multi-directional loading, making it suitable for use with lifting slings, chains, and wire rope assemblies. Manufactured from quenched and tempered alloy steel with a Blackline painted finish, it is well suited for theatres, stage rigging, event production, and other environments where equipment should remain visually unobtrusive.

It complies with EN 13889, AS 2741 (generally), ASME B30.26, and meets the performance requirements of US Fed. Spec. RR-C-271 Type IVA Class 2 Grade A.

Best used for

- Theatre, stage, and entertainment rigging requiring low visual reflection
- Temporary or frequently changed lifting setups with straight or multi-leg connections

Product benefits

- Blackline painted finish reduces visual reflections in performance environments
- Screw pin allows quick installation and removal for efficient lifting setups
- Bow design accommodates multi-directional loading with slings, chains, and wire rope
- Quenched and tempered Grade 6 alloy steel provides reliable strength for lifting applications
- Closed-die forged bow delivers consistent quality and dimensional accuracy
- Batch markings on the body and screw pin simplify inspection and t ... *Read more*

Material: Forged alloy steel, supplied with alloy screw pin.
Marking: According to standard, POWERTEX (PT or PTEX) , WLL, CE, size, grade and batch number.
Temperature range: -40°C up to +200°C
Finish: Up to 3/8”, matt black powder painted 1/2” and up, matt black electro galvanized
Standard: EN 13889, AS 2741, ASME B30.26

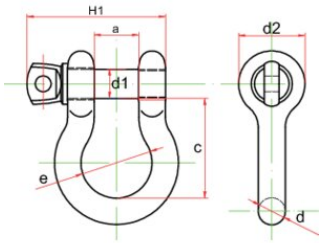
Safety factor: 6:1
Grade: 6

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Blueprint



Technical data

Part code	Code	WLL ton	Size inch	a* mm	c* mm	d mm	d1 mm	d2 mm	e mm	H1 mm	Weight kg
420100050840	1332	0.5	1/4	13	29	6.5	8	17.5	20	38	0.048
420100080840	1333	0.75	5/16	13.5	31	8	9.5	21	21.5	42.5	0.082
420100100840	1334	1	3/8	17	36.5	10	11.2	25	26.2	51.5	0.15
420100200840	1336	2	1/2	20.6	47.75	12.7	15.8	30.5	33.3	67	0.3
420100330840	1337	3.25	5/8	27	60	16	19	40	43	85	0.65
420100480840	1338	4.75	3/4	32	71.5	19	22	48	51	98.5	1.01

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