



## Bow Shackle Powertex PBSP

### Product information

#### **POWERTEX**

Bow type shackle PBSP is a high quality shackle intended for use in demanding environments.

It is supplied with a screw pin for quick and easy opening.

The shackle comply to EN 13889, AS 2741 and meets the performance requirements of US Federal Specification RR-C-271 Type IVA Class 2, Grade A.

#### **Features:**

- Safe – All Powertex shackles are manufactured and tested in accordance to EN 13889
- All bodies and screw pins marked with batch number for traceability
- Larger sizes equipped with arrows to indicate 45 degrees to vertical
- Raised pad for dedicated and easy individual ID (3,25 t and up)
- The bow is forged in closed dies
- All parts are made from alloy steel being quenched and tempered
- All parts including screw pins and nuts are hot dip galvanized for long life
- High quality hot dip galvanization process giving an exclusive mat grey finish
- Screw pins are additionally painted in blue and red for quick and easy detection as original Powertex parts
- Multilanguage user manuals

**Material:** Forged alloy steel, supplied with alloy screw pin.

**Marking:** According to standard, CE-marked, Powertex (PT or PTEX) , WLL, size, grade and batch number.

**Temperature range:** -40°C up to +200°C

**Finish:** All parts hot dip galvanized. Bolt additional powder painted.

**Standard:** EN 13889, AS 2741, ASME B30.26

**Safety factor:** 6:1

**Grade:** 6

Part code	WLL ton	Size inch	a* mm	c* mm	d mm	d1 mm	d2 mm	e mm	H1 mm	Weight kg
420100030880	0.33	3/16	10	22.6	5	6.3	14.5	15.5	29	0.026
420100050880	0.5	1/4	13	29	6.5	8	17.5	20	38	0.048
420100080880	0.75	5/16	13.5	31	8	9.5	21	21.5	42.5	0.082
420100100880	1	3/8	17	36.5	10	11.2	25	26.2	51.5	0.15
420100150880	1.5	7/16	18.5	42.9	11.3	12.7	27	29.5	58	0.2
420100200880	2	1/2	20.6	47.75	12.7	15.8	30.5	33.3	67	0.3
420100330880	3.25	5/8	27	60	16	18.6	40	43	85	0.65
420100480880	4.75	3/4	32	71.5	19	22	48	51	98.5	1.01
420100650880	6.5	7/8	37	84.5	22	25	54	58	114	1.5
420100850880	8.5	1	43.5	96.25	26.5	28	60	68.5	129.5	2.25
420100950880	9.5	1-1/8	48	109	29	32	68	75	144	3.25
420101200880	12	1-1/4	53	120.5	32	35	76	84	157	4.45
420101350880	13.5	1-3/8	59	134	35	38	84	94	171	5.95
420101700880	17	1-1/2	62	148.5	38	42	92	99	186	7.72
420102500880	25	1-3/4	75	178	45	50	106	128	227	12.64
420103500880	35	2	84	197.5	52	55	122	148	253	18.72
420105500880	55	2-1/2	107	269.5	66	70	145	186	318	37
420108500880	85	3	130	325	76	80	165	205	382	58

## Blueprint

