



## Bow Shackle Powertex PBSB

### Product information

#### **POWERTEX**

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

It is supplied with a hexagon head safety bolt with nut and stainless steel cotter pin.

The shackle comply to EN 13889 and meets the performance requirements of US Federal Specification RR-C-271 Type IVA Class 3, Grade A.

#### **Features:**

- Safe – All Powertex shackles are manufactured and tested in accordance to EN 13889
- All bodies and bolts 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 bolts and nuts are hot dip galvanized for long life
- High quality hot dip galvanization process giving an exclusive mat grey finish
- Safety bolts and nuts are additionally painted in blue and red for quick and easy detection as original Powertex parts
- Retaining pins made from stainless steel
- Multilanguage user manuals

**Material:** Forged alloy steel, supplied with safety bolt and nuts. Stainless steel retaining pins.

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

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

**Finish:** All parts hot dip galvanized + head-bolt and nut 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
420100050860	0.5	1/4	13	29	6.5	8	17.5	20	42.5	0.05
420100080860	0.75	5/16	13.5	31	8	9.5	21	21.5	47	0.1
420100100860	1	3/8	17	37	10	11.2	25	26.2	56.5	0.15
420100150860	1.5	7/16	18.5	43	11.3	12.7	27	29.5	63.5	0.22
420100200860	2	1/2	20.6	48	12.7	15.8	30.5	33.3	75.5	0.36
420100330860	3.25	5/8	27	60	16	18.8	40	43	92	0.76
420100480860	4.75	3/4	32	72	19	22	48	51	106	1.2
420100650860	6.5	7/8	37	85	22	25	54	58	120	1.8
420100850860	8.5	1	43.5	96	26.5	28	60	68.5	135	2.6
420100950860	9.5	1-1/8	48	109	29	32	68	75	143	3.8
420101200860	12	1-1/4	53	121	32	35	76	84	164	5.3
420101350860	13.5	1-3/8	59	134	35	38	84	94	182	7.2
420101700860	17	1-1/2	62	149	38	42	92	99	195	9.4
420102500860	25	1-3/4	75	178	45	50	106	128	224	15
420103500860	35	2	84	197	52	56	122	148	248	24
420105500860	55	2-1/2	107	270	66	70	145	186	302	45
420108500860	85	3	130	325	76	80	165	205	395	70

## Blueprint

