



**Inch table**

Dimensions in: inches - millimeters

<sup>1</sup> d <sub>1</sub> Thread	<sup>2</sup> Length l	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	h	k	Load bearing capacity
1/4 x 20	1.00 25.4	0.50 - 0.56	1.19 30.2	0.75 19.1	1.38 35.1	0.19 - 0.25	500 lbf 2224 N
5/16 x 18	1.125 28.6	0.56 - 0.62	1.44 36.6	0.88 22.4	1.69 42.9	0.25 - 0.31	900 lbf 4003 N
3/8 x 16	1.25 31.8	0.62 - 0.69	1.69 42.9	1.00 25.4	2.00 50.8	0.31 - 0.38	1300 lbf 5783 N
1/2 x 13	1.50 38.1	0.88 - 0.94	2.13 54.1	1.19 30.2	2.47 62.7	0.44 - 0.50	2400 lbf 10676 N
5/8 x 11	1.75 44.5	1.00 - 1.06	2.56 65.0	1.38 35.1	3.00 76.2	0.56 - 0.62	4000 lbf 17793 N
3/4 x 10	2.00 50.8	1.12 - 1.25	2.81 71.4	1.50 38.1	3.25 82.6	0.62 - 0.69	5000 lbf 22241 N
7/8 x 9	2.25 57.2	1.13 - 1.44	3.19 81.0	1.69 42.9	3.75 95.3	0.75 - 0.81	7000 lbf 31137 N
1 x 8	2.50 63.5	1.50 - 1.62	3.56 90.4	1.81 46.0	4.13 104.9	0.88 - 0.94	9000 lbf 40034 N

**Specification**

- Carbon steel 1030, ASTM A489
- Forged
- Zinc plated

<sup>3</sup> **ST**

**Information**

When installing WN 580 lifting eye bolts, it is of utmost importance to ensure that the face is in firm contact with the mating surface.

Do not apply load across the face of the ring!

The values given in the table are only applicable when the component attached to the ring is steel, cast steel, or cast iron, and is fastened securely to the mating surface.

The load bearing capacity in the table is for straight vertical loading. The capacity is drastically reduced when loading at any angle. Loading must never be made at an angle greater than 45° from the bolt centerline. At an angle of 45°, the load bearing capacity is reduced to 1/4 of the value in the table.

Lifting eye meets MS51937 specification.

see also...

- *Lifting Eye Nuts WN 583*
- *Lifting Eye Bolts DIN 580 (Metric Size)*
- *Safety Swivel Lifting Eye Bolts GN 581 (Metric Size)*

<b>How to order</b>  <sup>1</sup> <sup>2</sup> <sup>3</sup> <b>WN 580-3/4X10-2.00-ST</b>	<b>1</b> Thread d <sub>1</sub>
	<b>2</b> Length l
	<b>3</b> Material