



Inch table

Dimensions in: inches - millimeters

d ₁	l ₁ ^{+0.02} / ₋₀		d ₂ ±0.005		d ₃	l ₂ ⁺⁰ / _{-0.04}	l ₃ max.	m	Location bore	Double shear strength
	1	2	1	2						
0.250 ^{-0.003} / _{-0.002} 6.4 ^{-0.08} / _{-0.05}	1.00 25.4	2.00 50.8	3.00 76.2	4.00 101.6	-	-	-	0.47 11.9	0.2500 ±0.004 6.4 ±0.1	9217 lbf 41 kN
0.313 ^{-0.004} / _{-0.002} 8.0 ^{-0.1} / _{-0.05}	1.00 25.4	2.00 50.8	3.00 76.2	4.00 101.6	6.00 152.4	-	-	0.47 11.9	0.3125 ±0.004 7.9 ±0.1	14388 lbf 64 kN
0.375 ^{-0.003} / _{-0.001} 9.5 ^{-0.08} / _{-0.03}	1.00 25.4	1.50 38.1	1.75 44.5	2.00 50.8	2.50 63.5	3.00 76.2	4.00 101.6	6.00 152.4	0.3750 ±0.004 9.5 ±0.1	20682 lbf 92 kN
0.500 ^{-0.003} / _{-0.002} 12.7 ^{-0.08} / _{-0.05}	2.00 50.8	3.00 76.2	4.00 101.6	6.00 152.4	-	-	-	0.75 19.1	0.5000 ±0.005 12.7 ±0.13	36869 lbf 164 kN
0.625 ^{-0.003} / _{-0.002} 15.9 ^{-0.08} / _{-0.05}	2.00 50.8	3.00 76.2	4.00 101.6	-	-	-	-	0.94 23.9	0.6250 ±0.005 15.9 ±0.13	57776 lbf 257 kN

Specification

- Shank pin
Stainless steel 17-4 PH, heat treated
- T-handle
Aluminum die-cast A383, black anodized finish
- Inner spindle
Stainless steel 17-4 PH
- Balls
Stainless steel AISI 440C
- Key ring / spring
Stainless steel AISI 304
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

Accessory

- Ball chains GN 111 / GN 111.5 → page 1236
- Retaining cables GN 111.2 → page 1238
- Spiral retaining cables GN 111.4 → page 1237
- Flanged receptacles FR 100.2
→ www.jwwinco.com

Information

WN 100.1 T-handle ball lock pins have a wide range of applications in fastening, locating, and alignment applications. The balls will not release until the button on the handle is depressed. Once the button is depressed, the balls retract into the shank allowing the pin to be inserted or removed into or out of a hole.

The technical section contains the load ratings for the double shear strength (breaking strength).

see also...

- [List of Lock Pin Types](#) → page 1058
- [Ball Lock Pins RP 200.1 \(with Knob\)](#) → page 1068

On request

- Pins in other diameters, materials, lengths, handle configurations and other modifications

How to order

WN 100.1-0.625-2.00

- 1 Pin diameter d₁
- 2 Length l₁

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10