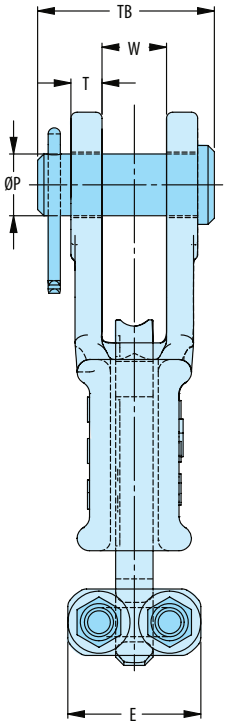
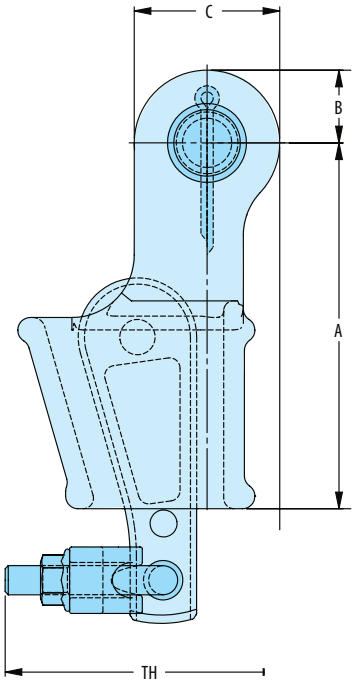
Tailgrip Open Wedge Sockets with pin

Quenched and tempered cast steel





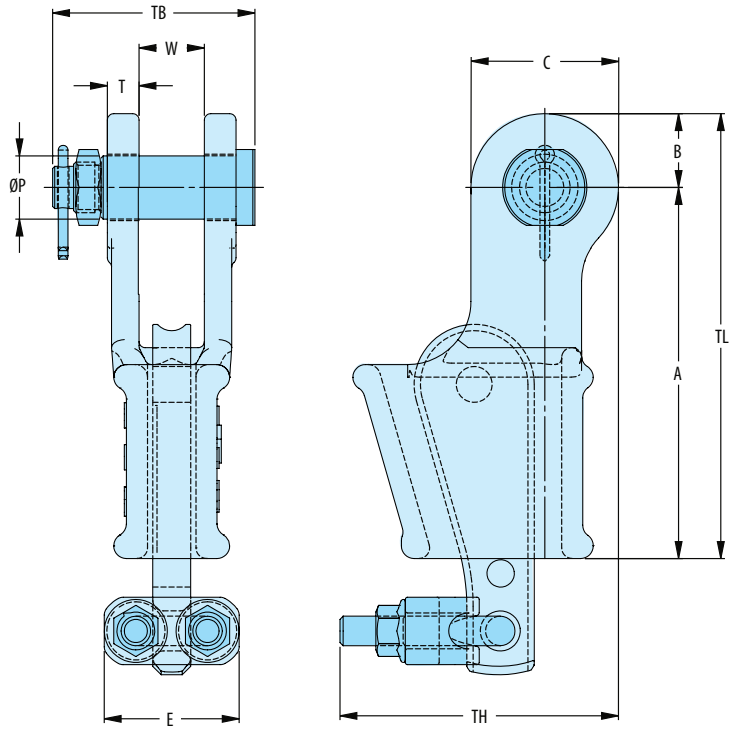
Model nr.	MBL (UStons)	for wire ø		Dimensions (inch)										Weight (lbs)
		mm	inch	A	B	C	E	øP	T	TH	TL	TB	W	
OWS-TG 0.5 P	13	9-10	⅜	5 11⁄16	⅞	1 13⁄16	1 9⁄16	13⁄16	7⁄16	3	6 ½	2 ½	13⁄16	4,2
OWS-TG 1 P	22	11-13	½	5 ¾	1 ⅛	2 ¼	2 ¼	1	½	4	6 ⅞	2 ⅝	1	5,3
OWS-TG 2 P	28	14-16	⅝	6 15⁄16	1 ⅜	2 ¾	2 2⁄4	1 3⁄16	9⁄16	4 15⁄16	8 5⁄16	3 ⅜	1 ¼	11
OWS-TG 3 P	44	18-19	¾	8 ⅜	1 9⁄16	3 ⅛	2 ⅝	1 ⅜	⅝	5 ⅝	9 13⁄16	3 ¾	1 ½	17,6
OWS-TG 4 P	61	20-22	⅞	9 6⁄16	1 ⅞	3 ¾	3	1 ⅝	¾	6 ¾	11 4⁄16	4 5⁄16	1 ¾	24,2
OWS-TG 5 P	83	24-26	1	10 13⁄16	2 3⁄16	4 5⁄16	3 5⁄16	2	⅞	7 ⅜	13	5 1⁄16	2	35,2
OWS-TG 6 P	99	27-29	1 ⅛	12 3⁄16	2 9⁄16	5 ⅛	3 ⅝	2 ¼	1	8 9⁄16	14 ¾	5 9⁄16	2 ¼	50,6
OWS-TG 7 P	121	30-32	1 ¼	13 ¾	2 ⅞	5 ¾	4 ¼	2 ½	1 ⅛	9 ⅜	16 ⅝	6 ⅛	2 ½	74,8

MBL = Minimum Breaking Load
The standard finish of our sockets is blue. Hot dipped galvanized is also available. All sockets can be provided with Declaration of compliance according EN 10204-2.1. Material certificate according EN 10204-3.1 and EC Declaration according machine directive 2006/42/EC.
Meets performance requirements of API 2C.

SEE OUR WARNINGS AND APPLICATION INSTRUCTIONS

Tailgrip Open Wedge Sockets with bolt and nut

Quenched and tempered cast steel



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Warning and safety information

Required resin volume for socketing wire rope terminations

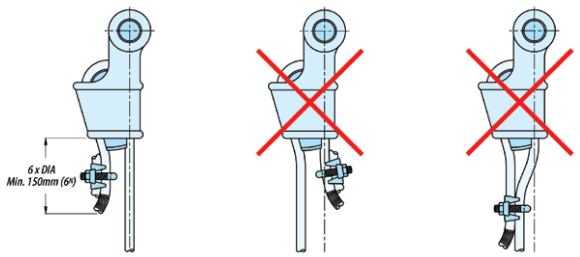
For wire rope Ø		Approximate resin volume
mm	inch	cc
6 - 7	¼	9
8 - 10	⅜	15
11 - 13	½	35
14 - 16	⅝	50
18 - 19	¾	80
20 - 22	⅞	120
23 - 26	1	160
27 - 30	1 ⅛	220
31 - 36	1 ½ - 1 ⅜	350
37 - 39	1 ½	425
40 - 42	1 ⅝	500
43 - 48	1 ¾ - 1 ⅞	700
49 - 54	2 - 2 ⅛	1200
55 - 60	2 ¼ - 2 ⅜	1450
61 - 68	2 ½ - 2 ⅝	1850
69 - 75	2 ¾ - 2 ⅞	2250
76 - 80	3 - 3 ⅛	3500
81 - 86	3 ¼ - 3 ⅜	4000
87 - 93	3 ½ - 3 ⅝	5000
94 - 102	3 ¾ - 4	7500
108 - 115	4 ¼ - 4 ½	10500
120 - 130	4 ¾ - 5	14000
135 - 140	5 ½	16000
141 - 153	5 ¾ - 6	20000
154 - 165	6 ¼ - 6 ½	26000
166 - 178	6 ¾ - 7	33000
179 - 191	7 ¼ - 7 ½	39000
192 - 204	7 ¾ - 8	48000

WARNINGS

- Always carry out a visual inspection before using a socket and pin.
- Never use a part showing cracks.
- Do not side-load a socket.
- Repairs are not allowed, for any repairs contact your supplier.
- Never shock-load a socket.

Wedge Sockets

- Always mount the loaded part of the wire in the centre line of the pin (see figures below).
- Make sure you are using the correct house, rope and wedge size combination.
- Nominal intermediate rope sizes should be used with the biggest socket within the range.
- Secure properly the dead end with a wire rope clip.
- Do not attach the dead end to the live wire.
- The dead end should have a length of 6 times the wire diameter with a minimum of 150 mm.
- Ensure that the wire rope and wedge are fully seated after the first load.
- A load may slip if the connection is not properly installed.
- Inspect the connection regularly.
- The efficiency of a 6 or 8 strand wire rope and most high performance ropes with a Ropeblock wedge socket connection is 80% of the MBL of the wire rope, but limited to the MBL of the socket.
- Check your wire rope supplier for efficiency rating details when used with high performance ropes or test the assembly type to determine efficiency.

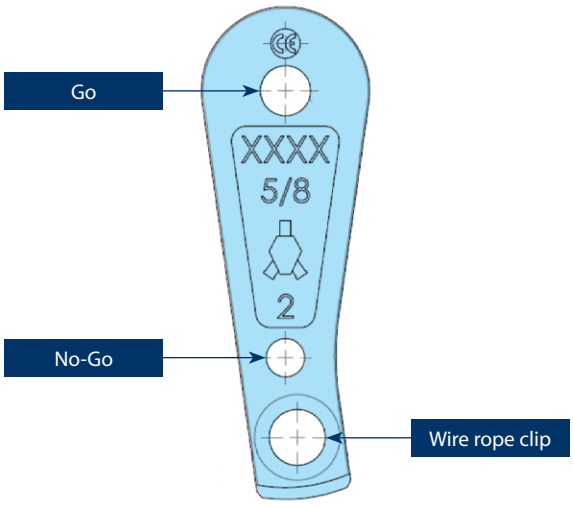


correct | incorrect | incorrect

Warning and safety information

Tailgrip Wedge Sockets

- Check that the wire rope is suitable for the socket application.
- Check that socket, wedge and wire rope clip match to fit the wire rope size. The correct wire rope size can be checked with the Go - No Go feature, implemented in the wedge.
  - The wire rope MUST pass thru the 'Go' hole in the wedge
  - The wire rope shall NOT pass thru the 'No-Go' hole in the wedge



- After mounting the wire rope in a loop through the OWS socket, place the wedge correctly in the socket. *(See Figure 1)*
- Pre-tension the wire rope, so that wedge is fixed inside the socket housing.
- Mount the wire rope clip on the dead end section, gripping the tail of the wire rope. *(See Figure 2)*

Figure 1

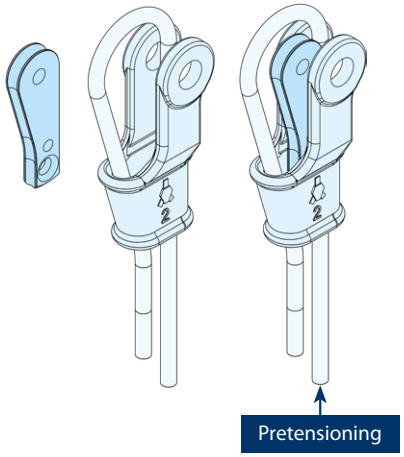
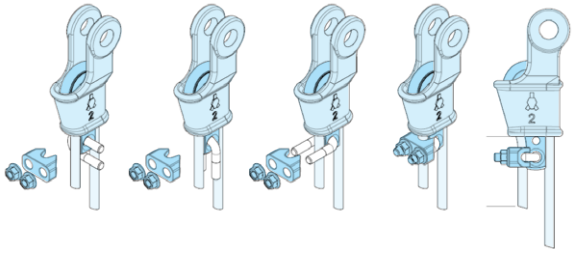


Figure 2



- The dead end length or tail length should be a minimum of:
  - **Standard 6-8 Strand Wire Rope**
    Minimum of 6 rope diameters, but not less than 150mm
  - **Rotation resistant Wire Rope**
    Minimum of 18 rope diameters, but not less than 150mm

- Tighten nuts on clip to recommended torque.

OWS Type	0,5	1	2	3	4	5	6	7
Wire rope clips Type*	10	13	16	19	22	26	30	34
Torque [Nm]	9	33	49	68	107	147	212	296

** Clips per EN 13411-5*