

S-421T Wedge Sockets



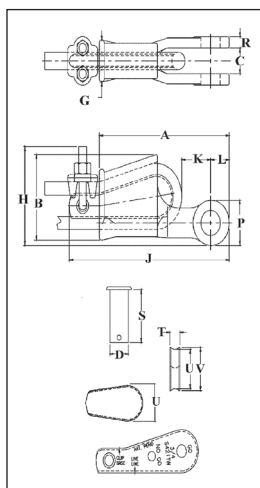
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S-421T



Wedge sockets meet the performance requirements of Federal Specification RR-S-550D, Type C, except those provisions required of the contractor. For additional information, see page 450.



- Wedge socket terminations have an efficiency rating of 80% based on the catalog strength of XXIP wire rope.
- Meets or exceeds all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, these sockets meet other critical performance requirements including fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- Type Approval and certification in accordance with ABS 2006 Steel Vessel Rules. 1-1-17.7, and ABS Guide for Certification of Cranes.
- Basket is cast steel and individually magnetic particle inspected.
- Pin diameter and jaw opening allows wedge and socket to be used in conjunction with closed swage and spelter sockets.
- Secures the tail or "dead end" of the wire rope to the wedge, thus eliminates loss or "Punch out" of the wedge.
- Eliminates the need for an extra piece of rope, and is easily installed.
- The TERMINATOR™ wedge eliminates the potential breaking off of the tail due to fatigue.
- The tail, which is secured by the base of the clip and the wedge, is left undeformed and available for reuse.
- Incorporates Crosby's patented QUIC-CHECK® "Go" and "No-Go" feature cast into the wedge. The proper size rope is determined when the following criteria are met:
 - 1) The wire rope should pass thru the "Go" hole in the wedge.
 - 2) The wire rope should NOT pass thru the "No-Go" hole in the wedge.
- Utilizes standard Crosby Red-U-Bolt® wire rope clip.
- The 9-10mm through 28mm standard S-421 wedge socket can be retrofitted with the new style TERMINATOR™ wedge.
- Available with Bolt, Nut, and Cotter Pin.
- U.S. patent 5,553,360, Canada patent 2,217,004 and foreign equivalents.
- Meets the performance requirements of EN 13411-6: 2003.

S-421T Wedge Sockets Assembly includes Socket, Wedge, Pin and Wire Rope Clip

Wire Rope Dia.		S-421T Stock No.	Weight Each (kg)	S-421TW Stock No. Wedge Only	Wedge Only Weight Each (kg)	Optional G-4082 Bolt, Nut & Cotter	
						G-4082 Stock No.	Weight Each (kg)
9-10	3/8	1035000	1.44	1035555	.23	1092227	.17
11-13	1/2	1035009	2.79	1035564	.48	1092236	.31
14-16	5/8	1035018	4.40	1035573	.81	1092254	.52
18-19	3/4	1035027	6.58	1035582	1.18	1092281	.86
20-22	7/8	1035036	9.75	1035591	1.82	1092307	1.46
24-26	1	1035045	13.9	1035600	2.44	1092325	2.44
28	1-1/8	1035054	20.5	1035609	3.56	1092343	3.40
30-32	1-1/4	1035063	29.4	1035618	4.80	1092372	4.70

Wire Rope Dia.		S-421T Stock No.	Dimensions (mm)														
			A	B	C	D	G	H	J*	K*	L	P	R	S	T	U	V
9-10	3/8	1035000	145	69.1	20.6	20.6	35.1	77.7	198	47.8	22.4	39.6	11.2	54.1	11.2	31.8	35.1
11-13	1/2	1035009	175	88.1	25.4	25.4	41.1	95.5	226	32.0	26.9	49.3	12.7	65.0	13.5	44.5	47.8
14-16	5/8	1035018	210	109	31.8	30.2	53.8	114	273	50.5	31.0	57.2	14.2	82.6	17.5	51.0	55.5
18-19	3/4	1035027	251	130	38.1	35.1	62.0	134	314	61.2	35.6	66.8	16.8	92.2	19.8	59.5	65.0
20-22	7/8	1035036	286	149	44.5	41.4	68.5	156	365	63.0	42.4	79.5	19.1	109	22.4	68.5	74.5
24-26	1	1035045	325	161	51.0	51.0	74.7	177	414	77.2	51.0	95.5	22.4	119	26.2	73.0	83.5
28	1-1/8	1035054	365	176	57.0	57.0	84.0	194	466	65.0	57.0	108	25.4	138	27.9	82.6	90.5
30-32	1-1/4	1035063	415	222	66.5	63.5	90.5	239	520	74.7	59.5	114	26.9	156	30.2	117	125

* Nominal **NOTE:** For intermediate wire rope sizes, use next larger size socket.

The S-423T Super TERMINATOR™ wedge is designed to be assembled only into the Crosby S-421T TERMINATOR™ socket body.

IMPORTANT: The S-423TW for sizes 14mm through 28mm will fit respective size standard Crosby S-421T basket. The 30-32mm S-423TW will only fit the Crosby S-421T 30-32mm basket marked with "TERMINATOR™"