

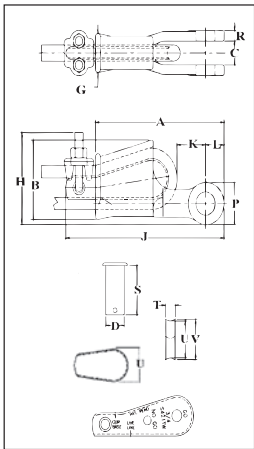
# S-421T Wedge Sockets



**S-421T**

Wedge sockets meet the performance requirements of Federal Specification RR-S-500E, Type C, except those provisions required of the contractor. For additional information, see page 452.

- 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 certification in accordance with ABS 2007 Steel Vessel Rules 1-11-17.7 and ABS Guide for Certification on Cranes available. Certificates available when requested at time of order and may include additional charges.
- 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.



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## S-421T WEDGE SOCKETS (Assembly includes Socket, Wedge, Pin and Wire Rope Clip)

Wire Rope Dia.		S-421T Stock No.	API 2C S-421T Stock No.	S-421TB Stock No.	API 2C S-421TB Stock No.	Weight Each (kg)	Wedge Only	Wedge Only Weight Each (kg)	API 2C Bolt, Nut & Cotter Assy	Standard Bolt, Nut & Cotter Assy	Weight Each (kg)
(in.)	(mm)										
3/8	9-10	1035000	1035005	1035203	1035205	1.44	1035555	.23	1092230	2038971	.17
1/2	11-13	1035009	1035014	1035212	1035214	2.79	1035564	.48	1092248	2038974	.31
5/8	14-16	1035018	1035023	1035221	1035223	4.40	1035573	.81	1092257	2038976	.52
3/4	18-19	1035027	1035032	1035230	1035232	6.58	1035582	1.18	1092293	2038978	.86
7/8	20-22	1035036	1035041	1035249	1035251	9.75	1035591	1.82	1092319	2038980	1.46
1	24-26	1035045	1035050	1035258	1035260	13.9	1035600	2.44	1092337	2038982	2.44
1-1/8	28	1035054	1035059	1035267	1035269	20.5	1035609	3.56	1092364	2038984	3.40
1-1/4	30-32	1035063	1035068	1035276	1035278	29.4	1035618	4.80	1092375	2038971	4.70

Wire Rope Dia.		S-421T Stock No.	API 2C S-421T Stock No.	Dimensions (mm)														
(mm)	(in.)			A	B	C +/- 2.29	D	G	H	J*	K*	L	P	R	S	T	U	V
9-10	3/8	1035000	1035005	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	1035014	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	1035023	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	1035032	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	1035041	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	1035050	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	1035059	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	1035068	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.