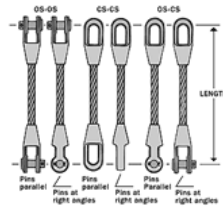


## PRODUCT CATALOG

### Spelter Sockets

- ▶ Manufactured from molten zinc
- ▶ Used on boom pendants, guylines, raising lines, backstays, lifting bridles and more
- ▶ Design factor of five used to establish rated capacities



Boom pendants, guylines, raising lines, backstays, lifting bridles and more. Those are the uses of our wire rope assemblies, offered in both poured (spelter) sockets and mechanically swaged sockets. A design factor of five has been used to establish the rated capacities seen in the charts.

Molten zinc is the standard socketing material, however, an epoxy socketing material can be specified. Both have the same Rated Capacity. Steel forgings are used on rope sizes 1/2" through 1-1/2" and cast steel fittings are used for larger sizes. Rope sizes larger than 4" are available on special order. The assembly lengths are measured from the centerline point of the pin for open sockets and the bearing point for closed sockets.

### 110 Spelter Socket

IWRC Rope Dia. (inches)	RATED CAPACITY IN TONS OF 2,000 LBS.	
	XIP®	XXIP®
<b>6x19 and 6x36 IWRC</b>		
1/2	2.7	2.9
9/16	3.4	3.7
5/8	4.1	4.5
3/4	5.9	6.5
7/8	8	8.8
1	10	11
1 1/8	13	14
1 1/4	16	18
1 3/8	19	21
1 1/2	23	25
1 5/8	26	29
1 3/4	31	34
1 7/8	35	38
2	40	43
2 1/8	44	49
2 1/4	49	54
2 3/8	55	60
2 1/2	60	66
2 5/8	66	73
2 3/4	72	79

2 7/8	78	86
3	85	94
3 1/8	92	101
3 1/4	98	108
3 3/8	106	116
3 1/2	113	124
3 5/8	120	132
3 3/4	128	141
4	144	159

All dimensions in inches.

### 110 Closed Spelter Socket

Rope Dia.	B	C	D	F	J	K	L
<b>FORGED STEEL</b>							
7/16 – 1/2	0.69	2	1.16	0.56	2.5	0.88	2.25
9/16 – 5/8	0.81	2.63	1.41	0.69	3	1	2.5
3/4	1.06	3	1.66	0.81	3.56	1.25	3
7/8	1.25	3.63	1.88	0.94	4	1.5	3.5
1	1.38	4.13	2.3	1.13	4.44	1.75	4
1 1/8	1.5	4.5	2.56	1.25	5	2	4.5
1 1/4 – 1 3/8	1.63	5.3	2.81	1.5	5.5	2.25	5
1 1/2	1.94	5.33	3.19	1.63	6	2.5	6
<b>CAST STEEL</b>							
1 5/8	2.13	5.75	3.25	1.75	6.5	2.75	6.5
1 3/4 – 1 7/8	2.19	6.75	3.75	2	7.5	3	7.56
2 – 2 1/8	2.44	7.63	4.38	2.25	8.5	3.25	8.56
2 1/4 – 2 3/8	2.63	8.5	5	2.5	9	3.63	9.5
2 1/2 – 2 5/8	3.12	9.5	5.5	2.88	9.75	4	10.62
2 3/4 – 2 7/8	3.12	10.75	6.25	3.12	11	4.88	11.25
3 – 3 1/8	3.25	11.5	6.75	3.38	12	5.25	11.75
3 1/4 – 3 3/8	4	12.25	7.25	3.62	13	5.75	12.25
3 1/2 – 3 5/8	4	13	7.75	3.88	14	6.25	13
3 3/4 – 4	4.25	14.25	8.5	4.25	15	7	14

All dimensions in inches.

### 110 Open Spelter Socket

Rope Dia.	C	D	F	J	L	M
<b>FORGED STEEL</b>						
7/16 – 1/2	1	1	0.56	2.5	2	1.88
9/16 – 5/8	1.25	1.19	0.69	3	2.5	2.25
3/4	1.5	1.38	0.81	3.5	3	2.62
7/8	1.75	1.63	0.94	4	3.5	3.13
1	2	2	1.13	4.5	4	3.75
1 1/8	2.25	2.25	1.25	5	4.62	4.12
1 1/4 – 1 3/8	2.5	2.5	1.5	5.5	5	4.75
1 1/2	3	2.75	1.63	6	6	5.38
<b>CAST STEEL</b>						
1 5/8	3	3	1.75	6.5	6.5	5.75
1 3/4 – 1 7/8	3.5	3.5	2	7.5	7	6.5
2 – 2 1/8	4	3.75	2.25	8.5	9	7
2 1/4 – 2 3/8	4.5	4.25	2.5	9	10	7.75
2 1/2 – 2 5/8	5	4.75	2.88	9.75	10.75	8.5
2 3/4 – 2 7/8	5.25	5	3.12	11	11	9

3 – 3 1/8	5.75	5.25	3.38	12	11.25	9.5
3 1/4 – 3 3/8	6.25	5.5	3.62	13	11.75	10
3 1/2 – 3 5/8	6.75	6	3.88	14	12.5	10.75
3 3/4 – 4	7.5	7	4.25	15	13.5	12.5

All dimensions in inches.

Union, a WireCo WorldGroup brand, produces wire rope for a variety of applications – each with their own exacting specifications. We employ the most experienced, talented, licensed engineers in the industry to design solutions for your application. Eight WireCo WorldGroup manufacturing operations and seven distribution centers in North America, plus manufacturing facilities in Mexico, Germany and China, give our customers unparalleled support and global reach. Find out for yourself why Union wire ropes have proven themselves time and time again in the field. **Union: Tested, Tough & True.**