

Closed Wedge Socket CWS

Product information



Intended for attaching of wire rope where switching often occur, e.g. blocks of mobilecranes, or to be able to adjust the length of the wire rope. See recommended assembly to get correct results. The wedge socket is delivered complete.

Marking house and wedge: Wire \varnothing mm.

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Material: Cast alloy steel with high mechanical properties.

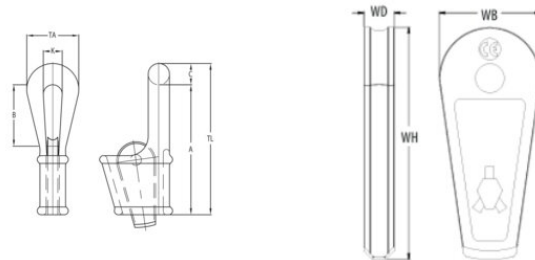
Temperature range: - 40°C to + 110°C - Use at higher temperatures possible with reduction of WLL.

Finish: Blue painted (P) or hot dip galvanized (G).

Note: The efficiency of a 6 and 8 strand wire rope/wedge socket connection is 80% of the minimum breaking load of the wire but limited to the minimum breaking load of the socket (MBL).

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Blueprint



Technical data

Part code	Code	Rope Ø range mm	MBL tonnes	Finish	A in	B in	C in	K in	TA mm in	TLmm in	WH in	WB in	WD in	Weight lb
121501900172	CWS 303	18-19	40	Galvanized	8.66	3.94	1.34	1.57	3.54	10	6.3	2.76	0.83	15.43
121501900175	CWS 303	18-19	40	Painted	8.66	3.94	1.34	1.57	3.54	10	6.3	2.76	0.83	15.43
121502200172	CWS 304	20-22	55	Galvanized	8.86	4.92	1.65	1.85	4.33	10.51	7.36	3.03	0.94	19.84
121502200175	CWS 304	20-22	55	Painted	8.86	4.92	1.65	1.85	4.33	10.51	7.36	3.03	0.94	19.84
121502600172	CWS 305	24-26	75	Galvanized	11.42	5.12	1.97	2.17	4.92	13.39	8.35	3.27	1.1	30.86
121502600175	CWS 305	24-26	75	Painted	11.42	5.12	1.97	2.17	4.92	13.39	8.35	3.27	1.1	30.86
121502900172	CWS 306	27-29	90	Galvanized	12.8	5.71	2.36	2.76	5.98	15.16	9.13	3.58	1.18	48.5
121502900175	CWS 306	27-29	90	Painted	12.8	5.71	2.36	2.76	5.98	15.16	9.13	3.58	1.18	48.5
121503200172	CWS 307	30-32	110	Galvanized	14.17	6.3	2.68	2.95	6.5	16.85	10.47	4.25	1.3	66.14
121503200175	CWS 307	30-32	110	Painted	14.17	6.3	2.68	2.95	6.5	16.85	10.47	4.25	1.3	66.14
121503600172	CWS 308	34-36	125	Galvanized	15.75	7.09	2.68	2.95	6.5	18.43	11.73	4.57	1.38	83.78
121503600175	CWS 308	34-36	125	Painted	15.75	7.09	2.68	2.95	6.5	18.43	11.73	4.57	1.38	83.78
121503900172	CWS 309	37-39	150	Galvanized	19.69	9.45	2.83	3.15	7.28	22.52	13.31	5.12	1.5	108.03
121503900175	CWS 309	37-39	150	Painted	19.69	9.45	2.83	3.15	7.28	22.52	13.31	5.12	1.5	108.03
121504200172	CWS 310	40-42	170	Galvanized	23.62	12.2	3.15	3.54	8.27	26.77	14.69	5.51	1.61	143.3
121504200175	CWS 310	40-42	170	Painted	23.62	12.2	3.15	3.54	8.27	26.77	14.69	5.51	1.61	143.3
121504800172	CWS 311	43-48	225	Galvanized	25.2	12.8	3.54	3.94	8.86	28.74	16.06	5.75	1.89	220.46
121504800175	CWS 311	43-48	225	Painted	25.2	12.8	3.54	3.94	8.86	28.74	16.06	5.75	1.89	220.46
121505200172	CWS 312	49-52	280	Galvanized	28.35	14.76	3.94	4.33	9.65	32.28	17.72	6.3	2.09	330.69
121505200175	CWS 312	49-52	280	Painted	28.35	14.76	3.94	4.33	9.65	32.28	17.72	6.3	2.09	330.69
121505800172	CWS 313	54-58	360	Galvanized	30.51	15.75	4.33	4.72	10.43	34.84	18.5	6.61	2.28	352.74
121505800175	CWS 313	54-58	360	Painted	30.51	15.75	4.33	4.72	10.43	34.84	18.5	6.61	2.28	352.74

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Part code	Code	Rope Ø range mm	MBL tonnes	Finish	A in	B in	C in	K in	TA mm in	TLmm in	WH in	WB in	WD in	Weight lb
121506400172	CWS 314	61-64	425	Galvanized	35.43	18.5	4.92	5.12	11.81	40.35	19.69	6.93	2.56	507.06
121506400175	CWS 314	61-64	425	Painted	35.43	18.5	4.92	5.12	11.81	40.35	19.69	6.93	2.56	507.06
121507600172	CWS 315	72-76	460	Galvanized	39.37	16.73	5.12	5.91	12.99	44.49	21.65	9.61	2.76	793.66
121507600175	CWS 315	72-76	460	Painted	39.37	16.73	5.12	5.91	12.99	44.49	21.65	9.61	2.76	793.66
121508600172	CWS 316	81-86	625	Galvanized	44.29	20.67	5.31	6.5	14.17	49.61	26.38	10.24	3.15	1,014.13
121508600175	CWS 316	81-86	625	Painted	44.29	20.67	5.31	6.5	14.17	49.61	26.38	10.24	3.15	1,014.13