

Open Wedge Socket OWS P with Pin

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 with wedge, pin and cotterpin.

2 surface finishes available:

- Model OWS P : blue painted.
- Model OWS PGAL : Hot dipped galvanized.

Model OWS 0.25 and OWS 0.5 only standard available in hot dipped galvanized ... [Read more](#)

Material: Quenched and tempered cast steel

Marking: Size, wire rope diameter and batch or serial number.

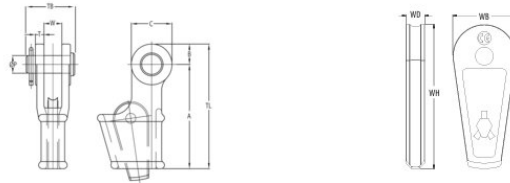
Temperature range: -40°C to +100°C - Use at higher temperatures possible with reduction of WLL.

Finish: Blue painting or hot dipped galvanized

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	Rope Ø range mm	MBL tonnes	Finish	A in	B in	C in	øP mm in	T in	TLmm in	TB in	W in	WH mm in	WB mm in	WD mm in	Weight lb
121500800205	7-8	8	Painted	4.33	0.71	1.42	0.63	0.35	5.04	2.01	0.71	2.76	1.38	0.35	1.76
121500800202	7-8	8	Galvanized	4.33	0.71	1.42	0.63	0.35	5.04	2.01	0.71	2.76	1.38	0.35	1.76
121501000205	9-10	12	Painted	5.71	0.91	1.81	0.83	0.43	6.61	2.48	0.83	2.91	1.42	0.47	3.75
121501000202	9-10	12	Galvanized	5.71	0.91	1.81	0.83	0.43	6.61	2.48	0.83	2.91	1.42	0.47	3.75
121501300205	11-13	20	Painted	6.18	1.14	2.24	0.98	0.47	7.28	2.64	0.98	4.53	1.89	0.55	4.63
121501300202	11-13	20	Galvanized	6.18	1.14	2.24	0.98	0.47	7.28	2.64	0.98	4.53	1.89	0.55	4.63
121501600205	14-16	25	Painted	7.48	1.38	2.76	1.18	0.59	8.86	3.35	1.22	5.31	2.24	0.71	8.82
121501600202	14-16	25	Galvanized	7.48	1.38	2.76	1.18	0.59	8.86	3.35	1.22	5.31	2.24	0.71	8.82
121501900202	18-19	40	Galvanized	8.27	1.57	3.15	1.38	0.63	9.84	3.74	1.5	6.3	2.76	0.83	15.43
121501900205	18-19	40	Painted	8.27	1.57	3.15	1.38	0.63	9.84	3.74	1.5	6.3	2.76	0.83	15.43
121502200205	20-22	55	Painted	9.92	1.89	3.74	1.61	0.71	11.81	4.33	1.73	7.36	3.03	0.94	22.05
121502200202	20-22	55	Galvanized	9.92	1.89	3.74	1.61	0.71	11.81	4.33	1.73	7.36	3.03	0.94	22.05
121502600205	23-26	75	Painted	11.73	2.17	4.33	2.01	0.87	13.9	5.04	2.01	8.35	3.27	1.1	33.07
121502600202	23-26	75	Galvanized	11.73	2.17	4.33	2.01	0.87	13.9	5.04	2.01	8.35	3.27	1.1	33.07
121502900205	27-29	90	Painted	12.68	2.56	5.12	2.24	0.98	15.24	5.59	2.24	9.13	3.58	1.18	46.3
121502900202	27-29	90	Galvanized	12.68	2.56	5.12	2.24	0.98	15.24	5.59	2.24	9.13	3.58	1.18	46.3
121503200205	30-32	110	Painted	13.78	2.87	5.75	2.48	1.1	16.65	6.1	2.48	10.47	4.25	1.3	68.34
121503200202	30-32	110	Galvanized	13.78	2.87	5.75	2.48	1.1	16.65	6.1	2.48	10.47	4.25	1.3	68.34
121503600205	34-36	125	Painted	15.75	2.91	5.83	2.52	1.1	18.66	6.3	2.76	11.73	4.57	1.38	81.57
121503600202	34-36	125	Galvanized	15.75	2.91	5.83	2.52	1.1	18.66	6.3	2.76	11.73	4.57	1.38	81.57
121503900205	37-39	150	Painted	17.72	3.15	5.59	2.76	1.18	20.87	6.97	3.03	13.31	5.12	1.5	112.44
121503900202	37-39	150	Galvanized	17.72	3.15	5.59	2.76	1.18	20.87	6.97	3.03	13.31	5.12	1.5	112.44

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Part code	Rope Ø range mm	MBL tonnes	Finish	A in	B in	C in	øP mm in	T in	TLmm in	TB in	W in	WH mm in	WB mm in	WD mm in	Weight lb
121504200205	40-42	170	Painted	19.69	3.43	6.3	2.99	1.3	23.11	7.36	2.99	14.69	5.51	1.61	141.1
121504200202	40-42	170	Galvanized	19.69	3.43	6.3	2.99	1.3	23.11	7.36	2.99	14.69	5.51	1.61	141.1
121504800205	43-48	225	Painted	21.65	3.94	7.32	3.5	1.54	25.59	8.46	3.5	16.06	5.75	1.89	211.64
121504800202	43-48	225	Galvanized	21.65	3.94	7.32	3.5	1.54	25.59	8.46	3.5	16.06	5.75	1.89	211.64
121505200202	49-52	280	Galvanized	25.08	4.13	8.07	3.74	1.81	29.13	9.61	3.98	17.72	6.3	2.09	286.6
121505200205	49-52	280	Painted	25.08	4.13	8.07	3.74	1.81	29.13	9.61	3.98	17.72	6.3	2.09	286.6
121505800205	54-58	360	Painted	25.98	4.92	9.84	4.25	2.13	30.91	10.83	4.49	18.5	6.61	2.28	396.83
121505800202	54-58	360	Galvanized	25.98	4.92	9.84	4.25	2.13	30.91	10.83	4.49	18.5	6.61	2.28	396.83
121506800205	60-68	425	Painted	32.87	5.31	10.63	4.76	2.36	38.19	11.81	5	19.69	6.93	2.56	606.27
121506800202	60-68	425	Galvanized	32.87	5.31	10.63	4.76	2.36	38.19	11.81	5	19.69	6.93	2.56	606.27
121507600205	72-76	460	Painted	39.37	5.91	11.81	5.24	2.99	45.28	13.98	5.75	21.65	9.61	2.76	970.03
121507600202	72-76	460	Galvanized	39.37	5.91	11.81	5.24	2.99	45.28	13.98	5.75	21.65	9.61	2.76	970.03
121508600205	81-86	625	Painted	45.67	5.91	11.81	5.51	3.11	51.57	14.76	6.26	26.38	10.24	3.15	1,124.36
121508600202	81-86	625	Galvanized	45.67	5.91	11.81	5.51	3.11	51.57	14.76	6.26	26.38	10.24	3.15	1,124.36