Lifting Solutions Group
Axel Johnson International

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*

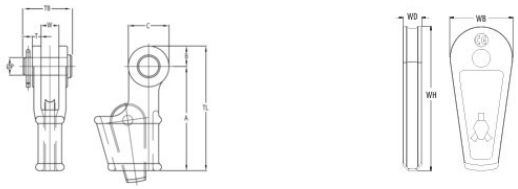
Material: Quenched and tempered cast steel
Marking: Size, wire rope diameter and batch or serial number.
Temperature range: -40°C to +100°C - Use at higher temperatures possible with reduction of WLL.
Finish: Blue painting or hot dipped galvanized
Note: The efficiency of a 6 and 8 strand wire rope/wedge 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 ton	Finish	A mm	B mm	C mm	øP mm mm	T mm	TLmm mm	TB mm	W mm	WH mm mm	WB mm mm	WD mm mm	Weight kg
121500800205	7-8	8	Painted	110	18	36	16	9	128	51	18	70	35	9	0.8
121500800202	7-8	8	Galvanized	110	18	36	16	9	128	51	18	70	35	9	0.8
121501000205	9-10	12	Painted	145	23	46	21	11	168	63	21	74	36	12	1.7
121501000202	9-10	12	Galvanized	145	23	46	21	11	168	63	21	74	36	12	1.7
121501300205	11-13	20	Painted	157	29	57	25	12	185	67	25	115	48	14	2.1
121501300202	11-13	20	Galvanized	157	29	57	25	12	185	67	25	115	48	14	2.1
121501600205	14-16	25	Painted	190	35	70	30	15	225	85	31	135	57	18	4
121501600202	14-16	25	Galvanized	190	35	70	30	15	225	85	31	135	57	18	4
121501900202	18-19	40	Galvanized	210	40	80	35	16	250	95	38	160	70	21	7
121501900205	18-19	40	Painted	210	40	80	35	16	250	95	38	160	70	21	7
121502200205	20-22	55	Painted	252	48	95	41	18	300	110	44	187	77	24	10
121502200202	20-22	55	Galvanized	252	48	95	41	18	300	110	44	187	77	24	10
121502600205	23-26	75	Painted	298	55	110	51	22	353	128	51	212	83	28	15
121502600202	23-26	75	Galvanized	298	55	110	51	22	353	128	51	212	83	28	15
121502900205	27-29	90	Painted	322	65	130	57	25	387	142	57	232	91	30	21
121502900202	27-29	90	Galvanized	322	65	130	57	25	387	142	57	232	91	30	21
121503200205	30-32	110	Painted	350	73	146	63	28	423	155	63	266	108	33	31
121503200202	30-32	110	Galvanized	350	73	146	63	28	423	155	63	266	108	33	31
121503600205	34-36	125	Painted	400	74	148	64	28	474	160	70	298	116	35	37
121503600202	34-36	125	Galvanized	400	74	148	64	28	474	160	70	298	116	35	37
121503900205	37-39	150	Painted	450	80	142	70	30	530	177	77	338	130	38	51
121503900202	37-39	150	Galvanized	450	80	142	70	30	530	177	77	338	130	38	51

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121504200205	40-42	170	Painted	500	87	160	76	33	587	187	76	373	140	41	64
121504200202	40-42	170	Galvanized	500	87	160	76	33	587	187	76	373	140	41	64
121504800205	43-48	225	Painted	550	100	186	89	39	650	215	89	408	146	48	96
121504800202	43-48	225	Galvanized	550	100	186	89	39	650	215	89	408	146	48	96
121505200202	49-52	280	Galvanized	637	105	205	95	46	740	244	101	450	160	53	130
121505200205	49-52	280	Painted	637	105	205	95	46	740	244	101	450	160	53	130
121505800205	54-58	360	Painted	660	125	250	108	54	785	275	114	470	168	58	180
121505800202	54-58	360	Galvanized	660	125	250	108	54	785	275	114	470	168	58	180
121506800205	60-68	425	Painted	835	135	270	121	60	970	300	127	500	176	65	275
121506800202	60-68	425	Galvanized	835	135	270	121	60	970	300	127	500	176	65	275
121507600205	72-76	460	Painted	1,000	150	300	133	76	1,150	355	146	550	244	70	440
121507600202	72-76	460	Galvanized	1,000	150	300	133	76	1,150	355	146	550	244	70	440
121508600205	81-86	625	Painted	1,160	150	300	140	79	1,310	375	159	670	260	80	510
121508600202	81-86	625	Galvanized	1,160	150	300	140	79	1,310	375	159	670	260	80	510

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