

Open Wedge Socket OWS B with Bolt



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, bolt, nut and cotterpin.

2 surface finishes available:

- Model OWS B: blue painted.
- Model OWS BGAL: Hot dipped galvanized.

Model OWS 0.25 and OWS 0.5 only standard available in hot dipped galvanized.

Material: Quenched and tempered cast steel.

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

Temperature range: -40°C to + 110°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).

Part Code	Rope Ø range mm	MBL ton	Finish	A mm	B mm	C mm	øP mm	T mm	TL mm	TB mm	W mm	Weight kg
10.20OWS0025B.GAL	7-8	8	Galvanized	110	18	36	16	9	128	51	18	0.8
10.20OWS005B.GAL	9-10	12	Galvanized	145	23	46	21	11	168	63	21	1.7
10.20OWS01B	11-13	20	Painted	157	29	57	25	12	185	67	25	2.1
10.20OWS01B.GAL	11-13	20	Galvanized	157	29	57	25	12	185	67	25	2.1
10.20OWS02B	14-16	25	Painted	190	35	70	30	15	225	85	31	4
10.20OWS02B.GAL	14-16	25	Galvanized	190	35	70	30	15	225	85	31	4

10.20OWS03B.GAL	18-19	40	Galvanized	210	40	80	35	16	250	95	38	7
10.20OWS03B	18-19	40	Painted	210	40	80	35	16	250	95	38	7
10.20OWS04B	20-22	55	Painted	252	48	95	41	18	300	110	44	10
10.20OWS04B.GAL	20-22	55	Galvanized	252	48	95	41	18	300	110	44	10
10.20OWS05B	23-26	75	Painted	298	55	110	51	22	353	128	51	15
10.20OWS05B.GAL	23-26	75	Galvanized	298	55	110	51	22	353	128	51	15
10.20OWS06B	27-29	90	Painted	322	65	130	57	25	387	142	57	21
10.20OWS06B.GAL	27-29	90	Galvanized	322	65	130	57	25	387	142	57	21
10.20OWS07B	30-32	110	Painted	350	73	146	63	28	423	155	63	31
10.20OWS07B.GAL	30-32	110	Galvanized	350	73	146	63	28	423	155	63	31
10.20OWS08B	34-36	125	Painted	400	74	148	64	28	474	160	70	37
10.20OWS08B.GAL	34-36	125	Galvanized	400	74	148	64	28	474	160	70	37
10.20OWS09B	37-39	150	Painted	450	80	142	70	30	530	177	77	51
10.20OWS09B.GAL	37-39	150	Galvanized	450	80	142	70	30	530	177	77	51
10.20OWS10B	40-42	170	Painted	500	87	160	76	33	587	187	76	64
10.20OWS10B.GAL	40-42	170	Galvanized	500	87	160	76	33	587	187	76	64
10.20OWS11B	43-48	225	Painted	550	100	186	89	39	650	215	89	96
10.20OWS11B.GAL	43-48	225	Galvanized	550	100	186	89	39	650	215	89	96
10.20OWS12B.GAL	49-52	280	Galvanized	637	105	205	95	46	740	244	101	130
10.20OWS12B	49-52	280	Painted	637	105	205	95	46	740	244	101	130
10.20OWS13B	54-58	360	Painted	660	125	250	108	54	785	275	114	180
10.20OWS13B.GAL	54-58	360	Galvanized	660	125	250	108	54	785	275	114	180
10.20OWS14B	60-68	425	Painted	835	135	270	121	60	970	300	127	275

10.20OWS14B.GAL	60-68	425	Galvanized	835	135	270	121	60	970	300	127	275
10.20OWS15B	72-76	460	Painted	1,000	150	300	133	76	1,150	355	146	440
10.20OWS15B.GAL	72-76	460	Galvanized	1,000	150	300	133	76	1,150	355	146	440
10.20OWS16B	81-86	625	Painted	1,160	150	300	140	79	1,310	375	159	510
10.20OWS16B.GAL	81-86	625	Galvanized	1,160	150	300	140	79	1,310	375	159	510

Blueprint

