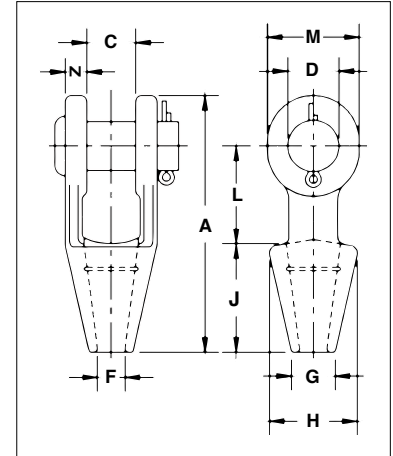


G-416 / S-416



- Forged steel sockets through 1-1/2", cast alloy steel 1-5/8" through 4".
- Spelter socket terminations have an efficiency rating of 100%, based on the catalog strength of wire rope.
- Ratings are based on recommended use with 6 x 7, 6 x 19 or 6 x 37, IPS or XIP (EIP), XXIP (EEIP), RRL, FC or IWRC wire rope.
- Strand constructed with minimal number of wires (e.g. 1 x 7) requires special consideration that socket basket length be five (5) times the strand diameter or fifty (50) times the wire diameter, whichever is the greater.
- All cast steel sockets 1-5/8" and larger are magnetic particle inspected and ultrasonic inspected. Proof testing available on special order.
- Available with bolt nut and cotter: G-416B.
- Open Grooved Sockets meet the performance requirements of Federal Specification RR-S-550F, Type A, except for those provisions required of the contractor.



G-416 / S-416 Open Spelter Sockets

Rope Diameter		Structural Strand Dia. (in)	Ultimate Load (t)	Assembly w/Round Pin Stock No.		Assembly w/Bolt/Nut/Cotter Stock No.		Weight Each (lb)	Replacement Round Pin Kit Stock No.		Replacement Bolt/Nut/cotter Kit Stock No.	
(in)	(mm)			G-416 Galv.	S-416 S.C.	G-416B Galv.	S-416B S.C.		G-4080	S-4080	G-4082	
5/16-3/8	8-10	—	12	1039637	1039646	1044818	1042009	1.30	1085723	1083142	2038971	
7/16-1/2	11-13	—	20	1039655	1039664	1044827	1042018	2.25	1085724	1083160	2038972	
9/16-5/8	14-16	1/2	27	1039673	1039682	1044836	1042027	3.60	1085725	1083188	2038975	
3/4	18	9/16-5/8	43	1039691	1039708	1044845	1042036	5.83	1085726	1083204	2038976	
7/8	20-22	11/16-3/4	55	1039717	1039726	1044854	1042045	9.65	1085727	1083222	2039086	
1	24-26	13/16-7/8	78	1039735	1039744	1044863	1042054	15.50	1085728	1083240	2038980	
1-1/8	28-30	15/16-1	92	1039753	1039762	1044872	1042063	21.50	1085729	1083268	2038982	
1-1/4 - 1-3/8	32-35	1-1/16 - 1-1/8	136	1039771	1039780	1044881	1042065	31.00	1085730	1083286	2038984	
1-1/2	38	1-3/16 - 1-1/4	170	1039799	1039806	1044890	1042074	47.25	1085731	1083302	2038987	
* 1-5/8	* 40-42	1-5/16 - 1-3/8	188	1039815	1039824	1044906	1042083	55.00	1085756	1085765	2039087	
* 1-3/4 - 1-7/8	* 44-48	1-7/16 - 1-5/8	268	1039833	1039842	1044915	1042092	82.00	1085774	1085783	2038989	
* 2 - 2-1/8	* 50-54	1-11/16 - 1-3/4	291	1039851	1039860	1044924	1042101	129.00	1085792	1085809	2038990	
* 2-1/4 - 2-3/8	* 56-60	1-13/16 - 1-7/8	360	1039879	1039888	1044933	1042110	167.00	1085818	1085827	2038992	
* 2-1/2 - 2-5/8	* 64-67	1-15/16 - 2-1/8	424	1041633	1041642	1044942	1042120	252.00	1085736	1085845	2038993	
* 2-3/4 - 2-7/8	* 70-73	2-3/16 - 2-7/16	511	1041651	1041660	1044951	1042129	315.00	1085854	1085863	2038994	
* 3 - 3-1/8	* 75-80	2-1/2 - 2-5/8	563	1041679	1041688	1044960	1042138	380.00	1085872	1085881	2038995	
* 3-1/4 - 3-3/8	* 82-86	2-3/4 - 2-7/8	722	1041697	1041704	1044969	1042147	434.00	1085890	1085907	2038996	
* 3-1/2 - 3-5/8	* 88-92	3 - 3-1/8	779	1041713	1041722	1044978	1042156	563.00	1085916	1085925	2038997	
* 3-3/4 - 4	* 94-102	—	875	1041731	1041740	1044997	1042165	783.00	1085934	1085943	2038998	

Rope Diameter		Stock No.	Dimensions (in)										
(in)	(mm)		A	C	Tolerance C ±	D	F	G	H	J	L	M	N
5/16-3/8	8-10	1039637	4.84	.81	.06	.81	.50	.81	1.69	2.25	1.75	1.50	.44
7/16-1/2	11-13	1039655	5.56	1.00	.06	1.00	.56	.94	1.88	2.50	2.00	1.88	.50
9/16-5/8	14-16	1039673	6.75	1.25	.06	1.19	.69	1.13	2.25	3.00	2.50	2.25	.64
3/4	18	1039691	7.94	1.50	.06	1.38	.81	1.25	2.62	3.50	3.00	2.62	.62
7/8	20-22	1039717	9.25	1.75	.06	1.63	.94	1.50	3.25	4.00	3.50	3.13	.80
1	24-26	1039735	10.56	2.00	.06	2.00	1.13	1.75	3.75	4.50	4.00	3.75	.88
1-1/8	28-30	1039753	11.81	2.25	.12	2.25	1.25	2.00	4.12	5.00	4.62	4.12	1.00
1-1/4 - 1-3/8	32-35	1039771	13.19	2.50	.12	2.50	1.50	2.25	4.75	5.50	5.00	4.75	1.13
1-1/2	38	1039799	15.12	3.00	.12	2.75	1.63	2.75	5.25	6.00	6.00	5.38	1.19
* 1-5/8	* 40-42	1039815	16.25	3.00	.12	3.00	1.75	3.00	5.50	6.50	6.50	5.75	1.31
* 1-3/4 - 1-7/8	* 44-48	1039833	18.25	3.50	.12	3.50	2.00	3.13	6.38	7.50	7.00	6.50	1.56
* 2 - 2-1/8	* 50-54	1039851	21.50	4.00	.12	3.75	2.25	3.75	7.38	8.50	9.00	7.00	1.81
* 2-1/4 - 2-3/8	* 56-60	1039879	23.50	4.50	.12	4.25	2.50	4.00	8.25	9.00	10.00	7.75	2.13
* 2-1/2 - 2-5/8	* 64-67	1041633	25.50	5.00	.12	4.75	2.88	4.50	9.25	9.75	10.75	8.50	2.38
* 2-3/4 - 2-7/8	* 70-73	1041651	27.25	5.25	.25	5.00	3.12	4.88	10.50	11.00	11.00	9.00	2.88
* 3 - 3-1/8	* 75-80	1041679	29.00	5.75	.25	5.25	3.38	5.25	11.12	12.00	11.25	9.50	3.00
* 3-1/4 - 3-3/8	* 82-86	1041697	30.88	6.25	.25	5.50	3.62	5.75	11.88	13.00	11.75	10.00	3.12
* 3-1/2 - 3-5/8	* 88-92	1041713	33.25	6.75	.25	6.00	3.88	6.50	12.38	14.00	12.50	10.75	3.25
* 3-3/4 - 4	* 94-102	1041731	36.25	7.50	.25	7.00	4.25	7.25	13.62	15.00	13.50	12.50	3.50

*Cast alloy steel.