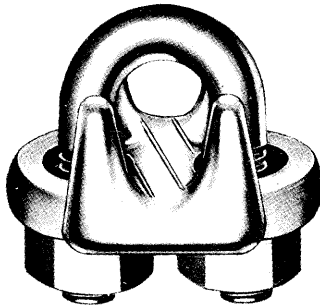




W.J. KEATING LIMITED

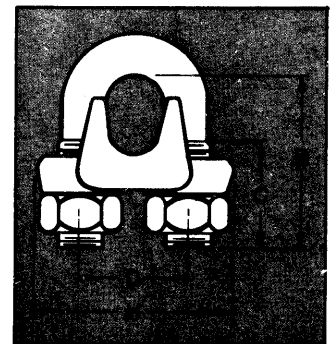
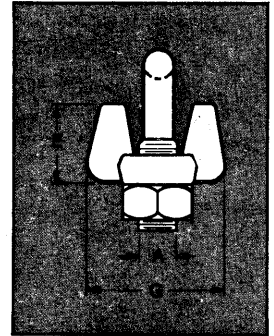
WIRE ROPE CLIPS

- Forged base
- Rolled Threads*
- "Hot dip" galvanized to resist corrosive and rusting action



K-1004

All sizes 1/4" and larger, meet Federal Specification FF-C-450 TYPE 1 CLASS 1.



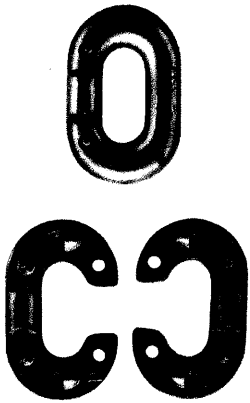
*Rolled Threads 1/8" Through 1 1/2" sizes.

Part No.	Clip and Rope Size Inches	DIMENSIONS IN INCHES							Weight Pounds Per 100
		A	B	C	D	E	G	H	
901-0015	1/8	7/32	23/32	7/16	15/32	13/32	13/16	15/16	6
901-0033	3/16	1/4	31/32	9/16	19/32	1/2	15/16	15/32	10
901-0051	1/4	5/16	11/32	1/2	3/4	21/32	13/16	17/16	18
901-0079	5/16	3/8	13/8	3/4	7/8	23/32	15/16	111/16	30
901-0097	3/8	7/16	1 1/2	3/4	1	29/32	15/8	115/16	47
901-0113	7/16	1/2	1 7/8	1	13/16	11/32	113/16	29/32	76
901-0131	1/2	1/2	1 7/8	1	13/16	1 1/8	129/32	29/32	80
901-0159	9/16	9/16	2 1/4	1 1/4	15/16	1 7/32	21/16	2 1/2	104
901-0177	5/8	9/16	2 3/8	1 1/4	15/16	1 11/32	21/16	2 1/2	106
901-0195	3/4	5/8	2 3/4	1 7/16	1 1/2	1 13/32	2 1/4	2 27/32	150
901-0211	7/8	3/4	3 1/8	1 5/8	1 3/4	1 19/32	2 7/16	3 5/32	212
901-0239	1	3/4	3 1/2	1 13/16	1 7/8	1 25/32	2 5/8	3 15/32	250
901-0257	1 1/8	3/4	3 7/8	2	2	1 29/32	2 13/16	3 19/32	280
901-0275	1 1/4	7/8	4 1/4	2 1/8	2 5/16	2 3/16	3 1/8	4 1/8	415
901-0293	1 3/8	7/8	4 5/8	2 5/16	2 3/8	2 5/16	3 1/8	4 3/16	460
901-0319	1 1/2	7/8	4 15/16	2 3/8	2 19/32	2 17/32	3 13/32	4 7/16	530
901-0337	1 5/8	1	5 5/16	2 5/8	2 3/4	2 21/32	3 5/8	4 3/4	700
901-0355	1 3/4	1 1/8	5 3/4	2 3/4	3 1/16	2 15/16	3 13/16	5 9/32	925
901-0373	2	1 1/4	6 7/16	3	3 3/8	3 9/32	4 7/16	5 7/8	1325
901-0391	2 1/4	1 1/4	7 1/8	3 3/16	3 7/8	3 15/16	4 9/16	6 3/8	1625
901-0417	2 1/2	1 1/4	7 11/16	3 7/16	4 1/8	4 7/16	4 11/16	6 5/8	1775
901-0435	2 3/4	1 1/4	8 5/16	3 9/16	4 3/8	4 7/8	5	6 7/8	2200
901-0453	3	1 1/2	9 3/16	3 7/8	4 3/4	5 11/32	5 5/16	7 5/8	3100
901-0426	3 1/2	1 1/2	10 3/4	4 1/2	5 1/2	6	6 3/16	8 3/8	4000



LINKS

REPLACEMENT LINKS



- Hot Dipped Galvanized
- Except Alloy
- Forged steel.
- Integral rivets join the two halves — matched lugs distribute the load.
- Meets or exceeds Federal Specifications RR-C-271b Type II.

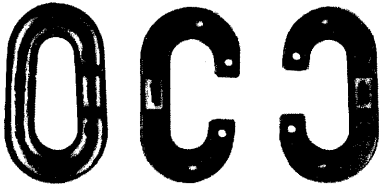
Part No.		Size Inches	Links Per Box	Overall Dimensions Inches	Inside Dimensions Inches	Safe Working Load — Pounds**		Weight Pounds Per 100
Alloy	C.S.					Alloy	C.S.	
	901-3094	$\frac{1}{16}$	20	$1\frac{3}{16} \times 2\frac{5}{32}$	$1\frac{1}{16} \times 1\frac{1}{32}$	—	800	2.50
	901-3110	$\frac{1}{4}$	10	$1\frac{1}{2} \times 1$	$\frac{7}{8} \times \frac{7}{16}$	—	1325	6.25
920-8505	901-3138	$\frac{5}{16}$	10	$1\frac{11}{16} \times 1\frac{5}{32}$	$\frac{15}{16} \times \frac{15}{32}$	3000	1950	12.50
920-8605	901-3156	$\frac{3}{8}$	10	$2\frac{1}{16} \times 1\frac{3}{8}$	$1\frac{1}{8} \times \frac{9}{16}$	4200	2750	20.00
920-8705	901-3174	$\frac{7}{16}$	10	$2\frac{11}{32} \times 1\frac{17}{32}$	$1\frac{9}{32} \times \frac{19}{32}$	5400	3625	27.50
920-8805	901-3192	$\frac{1}{2}$	10	$2\frac{21}{32} \times 1\frac{23}{32}$	$1\frac{15}{32} \times 2\frac{1}{32}$	7000	4750	37.50
920-9005	901-3236	$\frac{5}{8}$	10	$3\frac{5}{16} \times 2\frac{3}{32}$	$1\frac{13}{16} \times 2\frac{25}{32}$	10800	7250	72.50
920-9205	901-3254	$\frac{3}{4}$	10	$3\frac{7}{8} \times 2\frac{1}{2}$	$2\frac{1}{8} \times 1\frac{15}{16}$	15000	10250	122.50
920-9405	901-3272	$\frac{7}{8}$	In Bulk	$4\frac{1}{2} \times 2\frac{15}{16}$	$2\frac{1}{2} \times 1\frac{1}{8}$	18000	12000	175.00
920-9605	901-3290	*1	In Bulk	$5 \times 3\frac{5}{16}$	$2\frac{3}{4} \times 1\frac{1}{4}$	24000	15500	250.00
	901-3316	*1 $\frac{1}{8}$	In Bulk	$5\frac{5}{8} \times 3\frac{11}{16}$	$3\frac{1}{8} \times 1\frac{3}{8}$	—	19500	375.00
	901-3334	*1 $\frac{1}{4}$	In Bulk	$6\frac{1}{8} \times 4\frac{3}{16}$	$3\frac{1}{4} \times 1\frac{5}{8}$	—	24000	500.00

*Have reinforced rivet holes. All sizes have rivet holes countersunk.

†Have rivets only — no interlocking lugs.

**Ultimate load is four times the Safe Working Load.

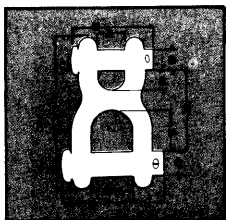
PEAR SHAPE REPLACEMENT LINKS



- Forged steel.
- Replacement links having larger inside dimensions making it easier to attach hooks or other fittings to the chain.
- Hot Dip Galvanized

Part No.	Size Inches	Inside Width Small End Inches	Inside Width Large End Inches	Inside Length Inches	Weight Pounds Per 100	Safe Working Load* Pounds
901-3432	$\frac{3}{8}$	$\frac{9}{16}$	$1\frac{3}{16}$	2	25	1850
901-3450	$\frac{1}{2}$	$1\frac{1}{16}$	1	$2\frac{1}{2}$	50	3300
901-3478	$\frac{5}{8}$	$1\frac{3}{16}$	$1\frac{1}{8}$	$2\frac{3}{4}$	75	5000
901-3496	$\frac{3}{4}$	1	$1\frac{1}{4}$	$3\frac{1}{8}$	125	7100
901-3511	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$3\frac{11}{16}$	200	9600
OA	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$3\frac{3}{8}$	325	12400
OA	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$4\frac{1}{4}$	430	15600

*Ultimate Load is four times the Safe Working Load.



DOUBLE CLEVIS LINK

- Designed for linking all popular sizes of chain to rings, end links, eye hooks, pad eyes, tractor eyebolts, etc.
- Pins can be removed with pliers or screwdriver.
- All pins alloy steel.

Part No.	Chain Size Inches	Safe Working Load* Pounds	DIMENSIONS IN INCHES										Weight Pounds Each
			A	B	C	D	E	F	L	N	P	R	
901-3021	$\frac{1}{4}$	3250	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{3}{4}$	$2\frac{13}{16}$	1.47	1.79	$1\frac{1}{2}$	.44
901-3049	$\frac{5}{16}$ - $\frac{3}{8}$	6600	$\frac{9}{16}$	1	$\frac{5}{8}$	$\frac{7}{16}$	$\frac{15}{32}$	1	$3\frac{17}{32}$	1.86	2.38	$1\frac{29}{32}$	.81
901-3067	$\frac{7}{16}$	8750	$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{11}{16}$	$\frac{9}{16}$	$\frac{19}{32}$	$1\frac{13}{32}$	$4\frac{1}{16}$	2.12	2.66	$2\frac{3}{16}$	1.28
901-3085	$\frac{1}{2}$	11250	$1\frac{3}{16}$	$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{5}{8}$	$2\frac{1}{32}$	$1\frac{1}{4}$	$4\frac{17}{32}$	2.38	2.91	$2\frac{15}{32}$	1.68

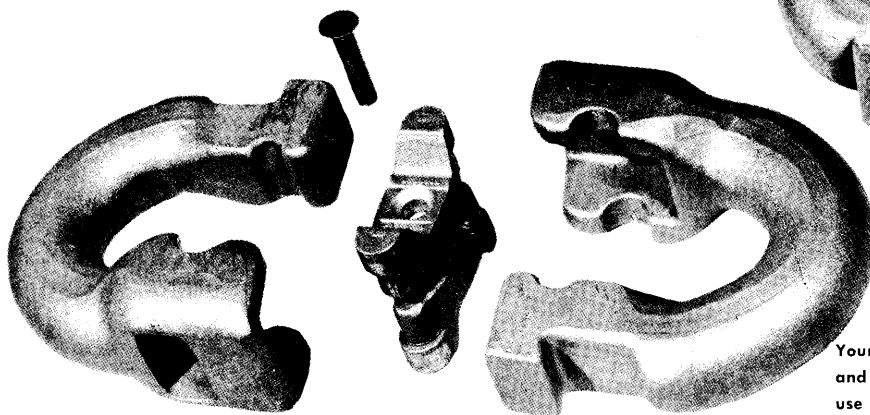
All dimensions approximate and subject to minor changes without notice.

*Ultimate load is 3.2 times the safe working load.

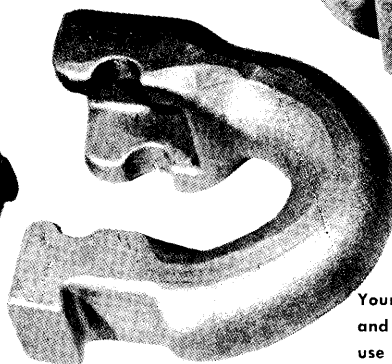
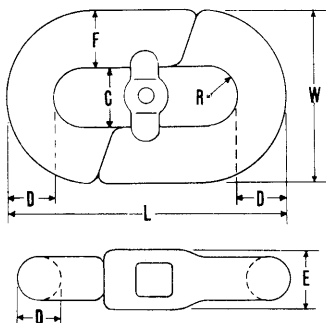


W.J. KEATING LIMITED

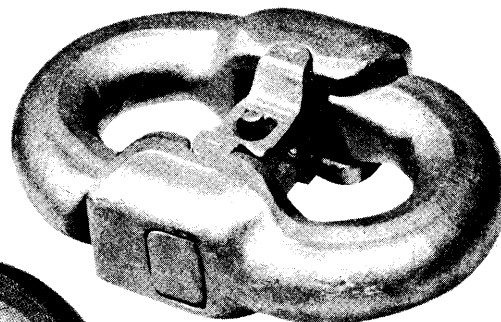
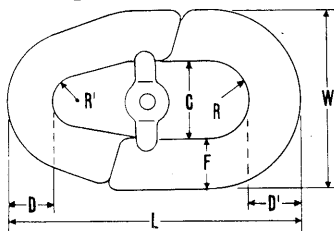
CONNECTING LINKS



K-1071
symmetrical



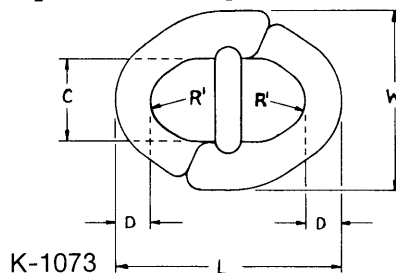
K-1072
pear shape



Wedglok
PATENTED AND PATENTS PENDING

Your chain connections are easily made, long lasting, and stronger than the chain itself when you use Wedglok heavy duty links. Connectors for chain up to 3" diameter are made with drop forged alloy steel and heat treated to get an average strength of 135,000 psi, 285 Brinell Hardness and minimum elongation of 15%.

symmetrical pear shape



K-1073

Style	Part No.	For Use With Alloy Chain Sizes Listed	*Working Load Limit	Ap- prox. Wt., Lbs.	C	D	D'	E	F	L	R	R'	W
Symmetrical	183-4002	1/4" and 5/16" only	5,100	1/3	9/16	3/8		47/64	17/32	2 17/32	9/32		1 5/8
Symmetrical	183-4020	9/32" and 3/8" only	6,600	1/2	3/4	13/32		3/4	9/16	2 13/16	3/8		1 7/8
Symmetrical	183-4048	5/16" - 3/8" - 7/16"	6,600	1/3	9/16	3/8		3/4	1/2	2 1/8	9/32		1 9/16
Pear	183-4066	5/16" - 3/8" - 7/16"	6,600	1/2	15/16	13/32	7/16	3/4	9/16	2 15/16	15/32	1/4	2 1/16
Symmetrical Pear	183-4084	5/16" - 3/8" - 7/16"	6,600	1/2	15/16	13/32		3/4	1/2	2 3/4	1/4	3/8	1 15/16
Symmetrical	183-4100	3/8" - 7/16"	6,600	1/2	15/16	7/16		3/4	9/16	3 1/8	15/32		2 1/16
Symmetrical	183-4128	7/16" and 1/2" only	11,500	1	1	1/2		1 1/64	3/4	3 1/4	1/2		2 1/2
Pear	183-4011	1/2" - 9/16" - 5/8"	17,000	1 3/4	1 9/16	11/16	13/16	1 7/32	7/8	4 13/16	25/32	9/16	3 5/16
Symmetrical	183-4039	1/2" - 9/16" - 5/8"	17,000	1 7/8	1 9/16	13/16		1 7/32	7/8	5 3/8	25/32		3 5/16
Symmetrical Pear	183-4057	1/2" - 9/16" - 5/8"	17,000	1 1/2	1 9/16	11/16		1 7/32	7/8	4 1/4	9/16	9/16	3 5/16
Symmetrical	183-4075	9/16" and 5/8" only	17,000	1 1/2	1 9/16	11/16		1 7/64	7/8	4 1/4	9/16		3 5/16
Heavy Duty Pear	183-4093	3/4" - 7/8"	29,000	4 1/2	2 1/16	7/8	1 1/8	1 19/32	1 1/8	6	1 1/32	9/16	4 5/16
Heavy Duty Sym. Pear	183-4119	3/4" - 7/8"	29,000	3 1/2	2 1/16	7/8		1 19/32	1 1/8	5 1/2		9/16	4 5/16
Heavy Duty Pear	183-4609	7/8" - 1 3/16"	45,000	8	2 5/16	1 1/8	1 11/32	1 13/16	1 11/32	7 5/16	1 5/32	3/4	5
Heavy Duty Sym.	183-4627	1" - 1 1/8"	35,000	5 1/2	2 1/16	1 1/8		1 19/32	1 1/8	6 1/2	1 1/32		4 5/16
Heavy Duty Sym. Pear	183-4645	1" - 1 1/8" - 1 3/16"	45,000	6	2 5/16	1 1/8		1 13/16	1 11/32	6 1/2	3/4	3/4	5
Heavy Duty Sym.	183-4663	1 3/16" - 1 1/4"	50,000	8	2 5/16	1 11/32		1 13/16	1 11/32	8 1/8	1 5/32		5
Heavy Duty Sym.	183-4681	1 1/2" - 1 5/8"	80,000	14	2 1/2	1 1/2		2 1/2	1 11/16	9 1/4	1 1/4		5 7/8
Heavy Duty Sym.	183-4707	1 3/4"	115,000	21	2 3/4	1 3/4		2 29/32	2	10 1/4	1 3/8		6 3/4
Heavy Duty Sym.	183-4725	2" - 2 1/4"	160,000	40	2 3/4	2		3 1/32	2 1/2	12	1 3/8		7 3/4
Heavy Duty Sym.	183-4404	2 1/2" - 3"	300,000	100	3 5/8	3		4 7/16	3 5/16	17	1 13/16		10 1/4



LINKS AND RINGS

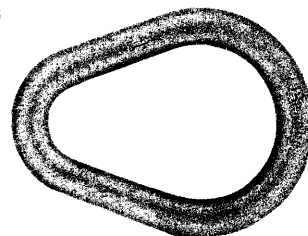
WELDLESS SLING LINKS

Self Colored or
Hot Dip Galvanized

- Forged from special bar quality carbon or alloy steels.
- Weldless
- Quenched and tempered.

Part No.		Diameter Stock Inches	Inside Length Inches	Inside Width Small End	Inside Width Large End	Weight Pounds Each	Safe Working Load.* Single Pull Pounds	
Carbon	Alloy						C.S.	Alloy
901-3897	962-6115	3/8	2 1/4	3/4	1 1/2	.13	1600	2600
901-3913	962-6215	1/2	3	1	2	.55	2900	4000
901-3931	962-6315	5/8	3 3/4	1 1/4	2 1/2	1.10	4200	5800
901-3959	962-6415	3/4	4 1/2	1 1/2	3	1.95	6000	8200
901-3977	962-6515	7/8	5 1/4	1 3/4	3 1/2	2.78	8300	11400
901-3995	962-6615	1	6	2	4	4.30	10800	14800
901-4011	—	1 1/4	7 3/4	2 1/2	5	8.50	16750	—
901-4039	—	1 3/8	8 1/4	2 3/4	5 1/2	11.50	20500	—

* Minimum Ultimate Load is 6 times the Safe Working Load.

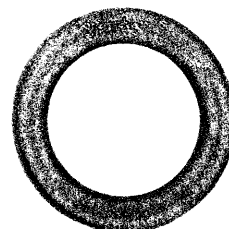


WELDLESS SLING LINKS

WELDLESS RINGS

Part No.	DIMENSIONS		Weight Pounds Each	Safe Working Load.* Single Pull Pounds
	Diameter Stock Inches	Inside Diameter Inches		
901-3780	7/8	4	2.70	7200
901-3806	7/8	5 1/2	3.40	5600
901-3824	1	4	3.50	10800
901-3842	1 1/8	6	6.50	10400
901-3860	1 1/4	5	7.00	17000
901-3888	1 3/8	6	10.63	19000

* Minimum Ultimate Load is 6 times the Safe Working Load.



Weldless Rings meet
Federal Specification
RR-C271b Type VI

WELDLESS END LINKS

Self Colored or
Hot Dip Galvanized

Part No. Galv.	Diameter Stock Inches	Inside Length Inches	Inside Width Inches	Weight Pounds Each	Safe Working Loads* Pounds
901-4057	5/16	1 3/4	1/2	.15	2500
901-4075	3/8	1 7/8	9/16	.23	3800
901-4093	1/2	2 3/8	3/4	.45	6500
901-4119	5/8	3 1/4	1	1.00	9300
901-4137	3/4	3 1/2	1 1/8	1.51	14000
901-4155	7/8	5 1/8	2	2.75	12000
901-4173	1	5 3/4	2 1/4	3.95	15200
901-4191	1 1/4	7	2 1/2	7.30	26400
901-4217	1 3/8	7 3/4	2 3/4	10.38	30000

* Minimum Ultimate Load is 5 times the Safe Working Load.



WELDLESS END LINKS

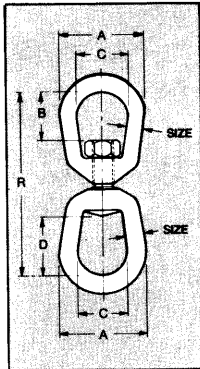
All dimensions approximate and subject to
minor changes without notice.



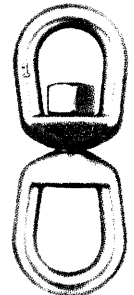
FORGED SWIVELS

REGULAR

Hot Dip Galvanized



Part No.	Size Inches	Safe Working Load-Pounds*	DIMENSIONS IN INCHES					Weight Pounds Each
			A	B	C	D	R	
901-6019	1/4	850	1 1/4	1 1/16	3/4	1 1/16	2 15/16	.25
901-6037	5/16	1250	1 5/8	1 3/16	1	1 1/4	3 9/16	.37
901-6055	3/8	2250	2	1 5/16	1 1/4	1 1/2	4 5/16	.69
901-6073	1/2	3600	2 1/2	1 5/16	1 1/2	2	5 7/16	1.43
901-6091	5/8	5200	3	1 9/16	1 3/4	2 3/8	6 9/16	2.50
901-6117	3/4	7200	3 1/2	1 3/4	2	2 5/8	7 3/16	4.13
901-6135	7/8	10000	4	2 1/16	2 1/4	3 1/16	8 3/8	6.25
901-6153	1	12500	4 1/2	2 5/16	2 1/2	3 1/2	9 5/8	9.00
901-6171	1 1/8	15200	5	2 3/8	2 3/4	3 3/4	10 3/8	12.46
901-6199	1 1/4	18000	5 5/8	2 11/16	3 1/8	2 11/16	11 1/8	16.37
901-6215	1 1/2	45200	7	4 3/16	4	4 3/16	17 1/8	49.06



K-1051

*Ultimate Load is five times the Safe Working Load

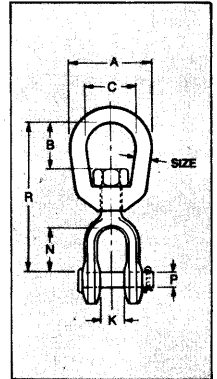
JAW END

Hot Dip Galvanized



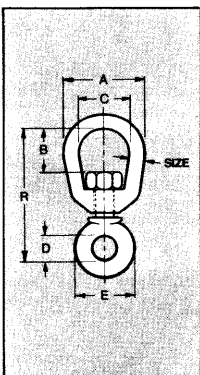
K-1052

Part No.	Size Inches	Safe Working Load-Pounds*	DIMENSIONS IN INCHES							Weight Pounds Each
			A	B	C	K	N	P	R	
901-6395	¼	850	1¼	1⅞	¾	15/32	⅞	¼	2⅝	.21
901-6411	⅝	1250	1⅝	1⅜	1	½	⅞	⅝	2⅞	.37
901-6439	⅜	2250	2	1⅝	1¼	⅝	1⅞	⅜	3⅝	.62
901-6457	½	3600	2½	1⅝	1½	¾	1⅝	½	4½	1.25
901-6475	⅝	5200	3	1⅞	1¾	1⅝	1½	⅝	5⅝	2.48
901-6493	¾	7200	3½	1¾	2	1⅞	1¾	¾	6⅞	3.88
901-6518	⅞	10000	4	2⅞	2¼	1⅜	2⅞	⅞	7	5.75
901-6536	1	12500	4½	2⅝	2½	1¾	2⅞	1⅞	8⅞	10.25
901-6554	1⅞	15200	5	2⅝	2¾	1¾	2⅞	1⅞	8⅞	11.00
901-6572	1¼	18000	5⅝	2⅞	3⅞	2⅞	2⅞	1⅞	9⅞	15.75
901-6590	1½	45200	7	4⅞	4	2⅞	4⅞	2¼	14¾	54.75



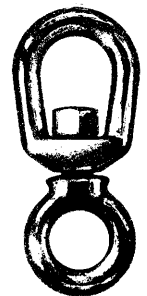
*Ultimate Load is five times the Safe Working Load

CHAIN



Part No.	Size Inches	Safe Working Load-Pounds*	DIMENSIONS IN INCHES						Weight Pounds Each
			A	B	C	D	E	R	
901-6233	1/4	850	1 1/4	1 1/16	3/4	7/16	15/16	2 1/4	.13
901-6251	5/16	1250	1 5/8	1 3/16	1	1/2	1 1/8	2 23/32	.25
901-6279	3/8	2250	2	1 5/16	1 1/4	3/4	1 1/2	3 7/16	.61
901-6297	1/2	3600	2 1/2	1 5/16	1 1/2	7/8	1 7/8	4 1/4	1.00
901-6313	5/8	5200	3	1 9/16	1 3/4	1 1/16	2 3/16	5 1/8	1.75
901-6331	3/4	7200	3 1/2	1 3/4	2	1 1/4	2 5/8	5 25/32	3.09

Self Colored or
Hot Dip Galvanized



K-1053

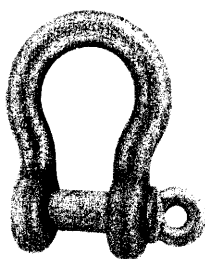
*Ultimate Load is five times the Safe Working Load

All dimensions approximate and subject to minor changes without notice.



W.J. KEATING LIMITED

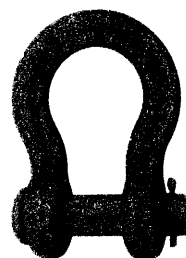
FORGED SHACKLES



Screw pin anchor shackles meet Federal Specification RR-C-271b Type IV Class 1.

K-1005

- Safe Working Load permanently shown on every shackle.
- Forged, Quenched and Tempered, with alloy pins.
- Capacities $\frac{1}{3}$ thru 150 tons.
- Shackles can be furnished proof tested with certificates per requirements of A.B.S. and/or I.C.G.B. Charges for proof testing and certification available on request.
- Hot Dip Galvanized or Self Colored

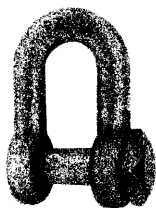


Round pin anchor shackles meet Federal Specification RR-C-271b Type IV Class 4.

K-1006

ANCHOR SHACKLES

Part No. Screw Pin	Part No. Round Pin	Safe Working Load Tons	Nominal Shackle Size Inches	DIMENSIONS IN INCHES							Weight Pounds Each 213 209	
				Inside Length	Inside Width		Diameter		Tolerance Plus or Minus			
					at Pin	at Bow	Pin	Outside of Eye	Length	Width		
901-8357	—	⅓	⅜	⅞	⅜	1⅛	¼	⅑	⅙	⅙	—	.05
901-8375	901-8017	½	¼	1⅛	½	25/32	5/16	1⅛	⅙	⅙	.13	.10
901-8393	901-8035	¾	5/16	1⅞	17/32	27/32	⅜	13/16	⅙	⅙	.18	.19
901-8419	901-8071	1	⅜	1⅞	21/32	1⅞	7/16	31/32	⅙	⅙	.25	.25
901-8437	901-8099	1½	7/16	1⅞	23/32	1⅞	½	1⅛	⅙	⅙	.38	.50
901-8455	901-8115	2	½	1⅞	13/16	15/16	⅝	13/16	⅙	⅙	.56	.75
901-8473	901-8133	3¼	⅝	2⅜	1⅙	1⅞	¾	1⅞	⅙	⅙	1.25	1.44
901-8491	901-8151	4¾	¾	2⅞	1¼	2	⅞	1⅞	¼	⅙	2.32	2.25
901-8516	901-8179	6½	⅞	35/16	17/16	29/32	1	2⅞	¼	⅙	3.40	3.50
901-8534	901-8197	8½	1	3¾	1⅞	2⅞	1⅝	2⅜	¼	⅙	5.00	5.00
901-8552	901-8213	9½	1⅝	4¼	1⅞	29/32	1¼	2⅞	¼	⅙	6.97	7.25
901-8570	901-8231	12	1¼	4⅞	2⅞	3¼	1⅝	3	¼	⅙	10.13	9.75
901-8598	901-8259	13½	1⅝	55/16	2¼	3½	1½	35/16	¼	⅙	13.25	13.25
901-8614	901-8277	17	1½	5¾	2⅜	3⅞	1⅝	3⅝	¼	⅙	17.25	17.70
901-8632	901-8295	25	1¾	7	2⅞	5	2	45/16	¾	⅙	29.46	30.38
901-8650	—	35	2	7¾	3¼	5¾	2¼	5	¾	⅙	45.75	45.00
901-8678	—	55	2½	10½	4⅝	7¼	2¾	6	¾	¼	—	85.75



Trawling shackle with thin square head with screw pin.

K-1014

TRAWLING SHACKLES Self Colored only

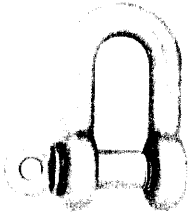
Part No.	Safe Working Load Tons	Nominal Shackle Size Inches	DIMENSIONS IN INCHES						Weight Pounds Each
			Inside Length	Inside Width at Pin	Diameter		Tolerances Plus or Minus		
					Pin	Outside of Eye	Length	Width	
901-8703	2	½	1 ⅝	13/16	⅝	1 3/16	⅛	1/16	.75
901-8721	3¼	⅝	2	1 1/16	¾	1 9/16	⅛	1/16	1.24
901-8749	4¾	¾	2 ⅜	1 ¼	⅞	1 ⅞	¼	1/16	2.25
901-8767	6½	⅞	2 13/16	1 7/16	1	2 ⅞	¼	1/16	3.28
901-8785	8½	1	3 3/16	1 11/16	1 ⅛	2 ⅜	¼	1/16	4.66

NOTE: Proof load 2.2 times Safe Working Load. Minimum Ultimate Strength is 6 times the Safe Working Load.

All dimensions approximate and subject to minor changes without notice

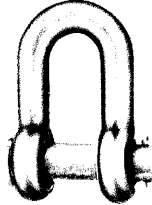


FORGED SHACKLES



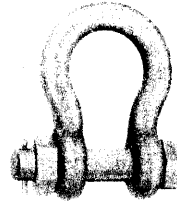
K-1007

Screw pin chain shackles meet Federal Specification RR-C-271b Type IV Class 2.



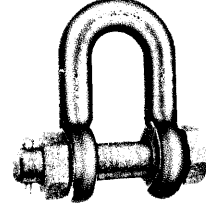
K-1008

Round pin chain shackles meet Federal Specification RR-C-271b Type IV Class 5.



K-1009

Bolt type anchor shackles with thin head bolt — nut with cotter pin. Meets Federal Specification RR-C-271b Type IV Class 6.



K-1010

Bolt type chain shackles. Thin hex head bolt — nut with cotter pin.

CHAIN SHACKLES — ROUND PIN & SCREW PIN

Part No. Screw Pin	Part No. Round Pin	Safe Working Load Tons	Nominal Shackle Size Inches	DIMENSIONS IN INCHES				Weight Pounds Each	
				Inside Length	Inside Width	Diameter			
						Pin	Outside of Eye		
901-9150	901-8810	1/2	1/4	7/8	15/32	5/16	11/16	.11	.10
901-9178	901-8838	3/4	5/16	1 1/32	17/32	3/8	13/16	.18	.17
901-9196	901-8856	1	3/8	1 1/4	21/32	7/16	31/32	.24	.25
901-9212	901-8874	1 1/2	7/16	1 7/16	23/32	1/2	1 1/16	.50	.38
901-9230	901-8892	2	1/2	1 5/8	13/16	5/8	13/16	.59	.50
901-9258	901-8918	3 1/4	5/8	2	1 1/16	3/4	1 9/16	1.21	1.21
901-9276	901-8936	4 3/4	3/4	2 3/8	1 1/4	7/8	1 7/8	2.25	2.00
901-9294	901-8954	6 1/2	7/8	2 13/16	1 7/16	1	2 1/8	3.16	3.28
901-9310	901-8972	8 1/2	1	3 3/16	1 11/16	1 1/8	2 3/8	4.75	4.75
901-9338	901-8990	9 1/2	1 1/8	3 9/16	1 13/16	1 1/4	2 5/8	6.75	6.30
901-9356	901-9016	12	1 1/4	3 15/16	2 1/32	1 3/8	3	9.06	9.00
901-9374	901-9034	13 1/2	1 3/8	4 3/8	2 1/4	1 1/2	3 5/16	11.63	12.00
901-9392	901-9052	17	1 1/2	4 13/16	2 3/8	1 5/8	3 3/8	15.95	16.15
901-9418	901-9070	25	1 3/4	5 3/4	2 7/8	2	4 5/16	26.75	26.75
901-9436	901-9098	35	2	6 3/4	3 1/4	2 1/4	5	42.31	43.25
901-9454	—	* 55	2 1/2	8	4 1/8	2 3/4	6	72.75	—

* Furnished in Screw Pin Only.

BOLT TYPE ANCHOR & CHAIN SHACKLES

Part No. Safety Anchor	Part No. Safety Chain	Safe Working Load Tons	Nominal Shackle Size Inches	DIMENSIONS IN INCHES					Weight Pounds Each	
				Inside Length		Inside Width at Pin	Diameter			
							Pin	Outside of Eye		
902-9472	902-9775	2	½	1⅞	1⅝	13⁄16	⅝	1⅜1⁄16	.79	.75
902-9490	902-9793	3¼	⅝	2⅜	2	1⅞1⁄16	¾	1⅞1⁄16	1.25	1.25
902-9515	902-9819	4¾	¾	213⁄16	2⅜	1¼	7⁄8	1⅞	2.72	2.25
902-9533	902-9837	6½	7⁄8	3⅞1⁄16	213⁄16	17⁄16	1	2⅞	4.00	3.50
902-9551	902-9855	8½	1	3¾	3⅞1⁄16	111⁄16	1⅞	2⅜	6.00	5.25
902-9579	902-9873	9½	1⅞	4¼	39⁄16	113⁄16	1¼	2⅝	8.27	7.60
902-9597	902-9891	12	1¼	411⁄16	315⁄16	2132	1⅜	3	11.50	10.25
902-9613	902-9917	13½	1⅜	5⅞	4⅞	2¼	1½	3⅞1⁄16	15.25	13.75
902-9631	902-9935	17	1½	5¾	413⁄16	2⅜	1⅝	3⅝	20.00	18.50
902-9659	902-9953	25	1¾	7	5¾	27⁄8	2	4⅞1⁄16	33.91	31.00
902-9677	902-9971	35	2	7¾	6¾	3¼	2¼	5	51.00	46.75
902-9695	902-9999	55	2½	10½	8	4⅞	2¾	6	98.25	85.00
902-9711	902-0013	† 85	3	13	8½	5	3¼	6½	156.00	124.25
902-9739	—	†120	3½	14⅞	—	5¼	3¾	8	265.00	—
902-9757	—	†150	4	14½	—	5½	4¼	9	338.00	—

NOTE: Proof Load is 2.2 times the Safe Working Load. Minimum Ultimate Load is 6 times the Safe Working Load.

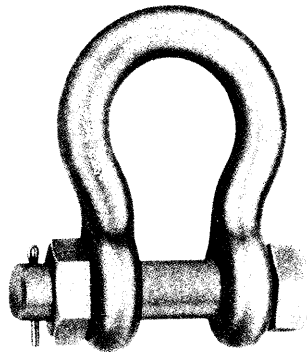
† Individually proof tested.

All dimensions approximate and subject to minor changes without notice



FORGED ALLOY SHACKLES

BOLT TYPE ANCHOR SHACKLES



K-1015

- Safe Working Load is permanently shown on every shackle.
- Alloy bows, Alloy bolts.
- Individually proof tested.

Part No.	Safe Working Load* Tons	Nominal Shackle Size Inches	Inside Length 2140	Inside Width at P'n	DIMENSIONS IN INCHES		Tolerances Plus or Minus		Weight Pounds Each
					Pin	Outside of Eye			
902-1110	30	1 1/2	5 3/4	2 3/8	1 5/8	3 5/8	1/4	1/8	20.80
902-1138	40	1 3/4	7	2 7/8	2	4 5/16	3/4	1/8	33.91
902-1156	50	2	7 3/4	3 1/4	2 1/4	5	3/4	1/8	51.75
902-1174	80	2 1/2	10 1/2	4 1/8	2 3/4	6	3/4	1/4	101.59
902-1192	110	3	13	5	3 1/4	6 1/2	1/4	1/4	178.
902-1218	140	3 1/2	14 5/8	5 1/4	3 3/4	8	1/4	1/4	265.
902-1236	175	4	14 1/2	5 1/2	4 1/4	9	1/4	1/4	338.

*Proof Load is 2.2 times the Safe Working Load.

Minimum Ultimate Strength is 6 times the Safe Working Load.

All dimensions approximate and subject to minor changes without notice.



W.J. KEATING LIMITED

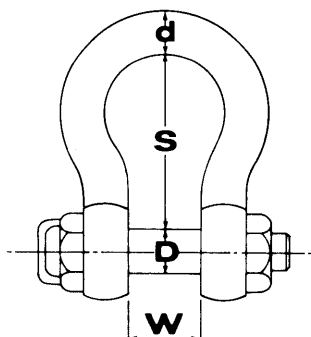


K-1016

ALLOY STEEL BOW SHACKLES HEAT TREATED FOR OPTIMUM STRENGTH

Part No.	Working Load Tonnes	Body		Pin		Jaw		Inside Length		Approx. Weight each
		ins	d mm	ins	D mm	ins	W mm	ins	S mm	
102-1400	150	4	102	4½	115	6½	165	17	432	180 Kg
102-1414	200	4½	115	4¾	125	7	178	20	508	240 Kg
102-1450	300	5¼	133	5¾	146	8	204	24	610	380 Kg
102-1478	400	6	153	6⅝	168	8¾	222	26	661	560 Kg
102-1496	500	7	175	7½	191	9½	242	28	712	800 Kg

Fitted with a special hand grip using a W3 TYPE PIN



For working loads up to 500 tonnes

Recommended Working Load Limit in Tonnes stamped on each Shackle.

*Average Working Load Limit to ultimate Breaking Load is 6 to 1 up to 50 tonnes, 5 to 1 from 62 tonnes and over.

Proof Load equals Twice Working Load Limit up to 50 tonnes. Over this size according to I.L.O. specification.

When ordering use Shackle Code Letter and load with type of pin required.

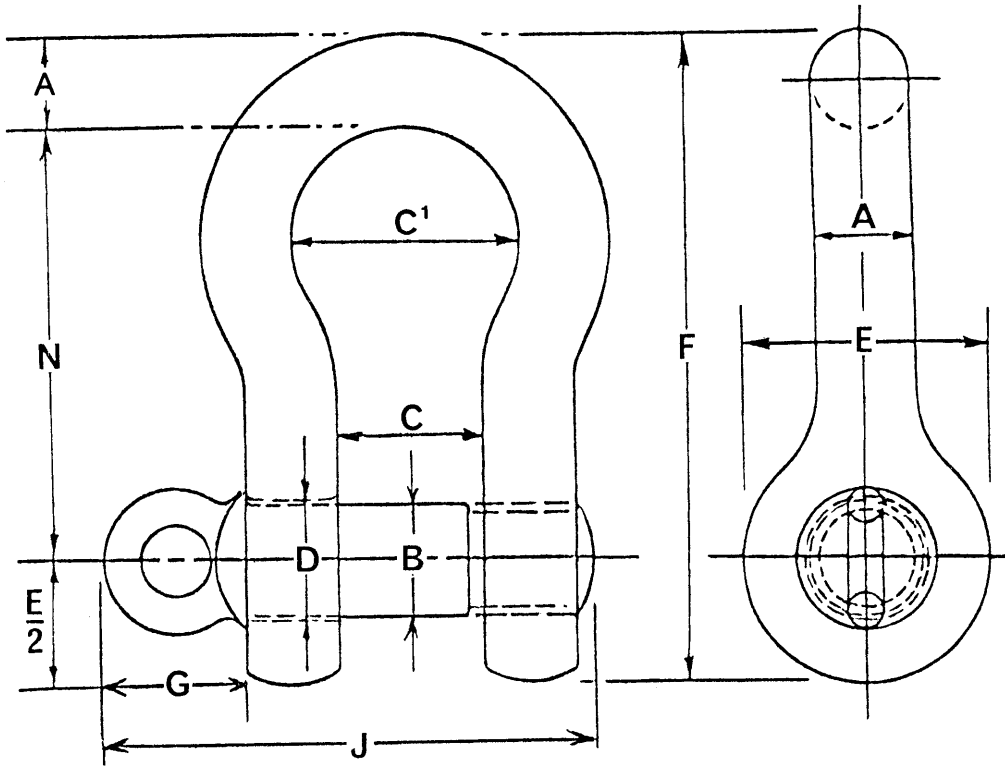
Test Certificates supplied.

Table dimensions given are subject to normal tolerances.



W.J. KEATING LIMITED

MANGANESE BRONZE SHACKLES

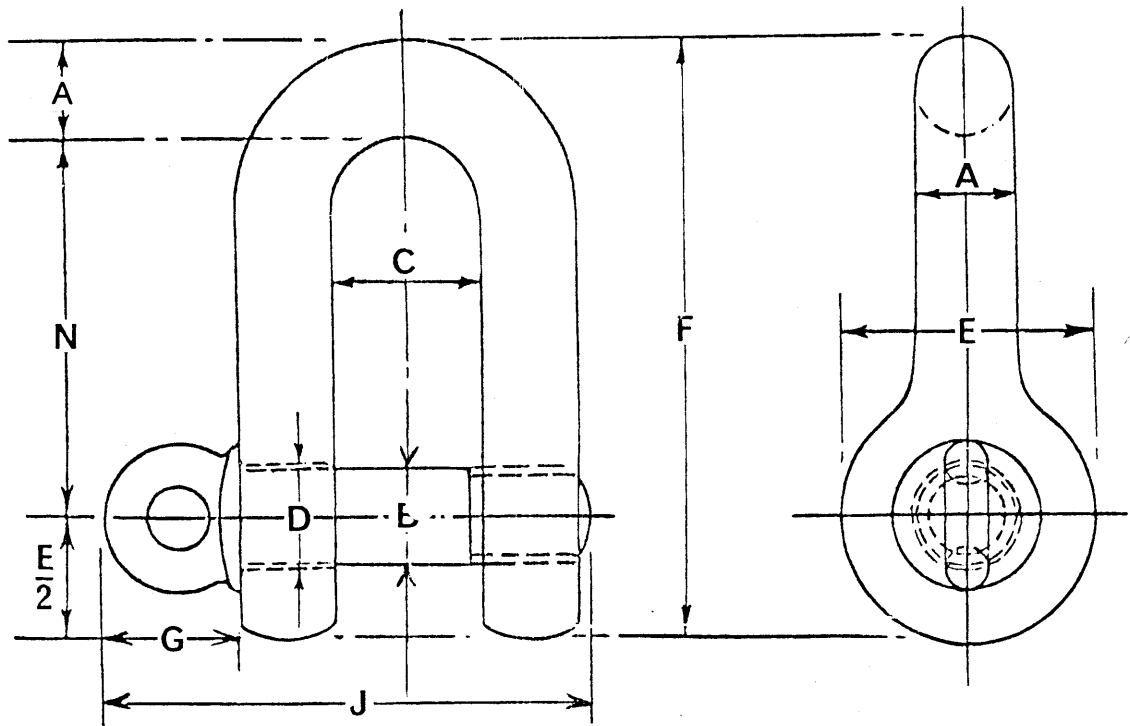


STANDARD BOW SHACKLES

Part No.	TYPE	BODY DIA A	PIN DIA B	C	C'	D	E	F	G	J	N	S.W.L. LONG TONS
628-6241	AD	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1"	$\frac{19}{16}$ "	$\frac{13}{16}$ "	$\frac{15}{8}$ "	$\frac{43}{16}$ "	$\frac{1}{3}$ "	$\frac{33}{8}$ "	$\frac{23}{4}$ "	1.250
628-6243	AE	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{11}{4}$ "	$\frac{11}{16}$ "	$\frac{11}{8}$ "	$\frac{31}{4}$ "	$\frac{25}{32}$ "	$\frac{221}{32}$ "	$\frac{23}{16}$ "	.875
628-6240	AF	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{11}{16}$ "	$\frac{11}{8}$ "	$\frac{9}{16}$ "	$\frac{15}{16}$ "	$\frac{219}{32}$ "	$\frac{19}{32}$ "	$\frac{25}{32}$ "	$\frac{15}{16}$ "	.312
628-6242	AG	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	$\frac{7}{16}$ "	$\frac{11}{16}$ "	$\frac{113}{16}$ "	$\frac{15}{32}$ "	$\frac{119}{32}$ "	$\frac{17}{32}$ "	.125
	AH	$\frac{7}{8}$ "	1"	$\frac{13}{8}$ "	$\frac{23}{16}$ "	$\frac{11}{16}$ "	$\frac{21}{4}$ "	$\frac{53}{16}$ "	$\frac{13}{8}$ "	$\frac{43}{8}$ "	$\frac{33}{16}$ "	2.125



MANGANESE BRONZE SHACKLES

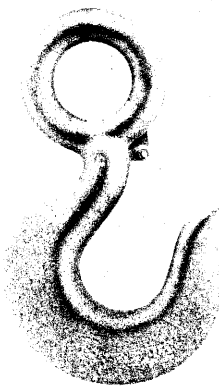


STANDARD STRAIGHT SHACKLES

Part No.	TYPE	BODY DIA A	PIN DIA B	C	D	E	F	G	J	N	S.W.L. LONG TONS
628-6239	AI	$1\frac{1}{2}''$	$\frac{5}{8}''$	$\frac{3}{4}''$	$1\frac{1}{16}''$	$1\frac{1}{8}''$	3"	$\frac{25}{32}''$ 3	$2\frac{21}{32}''$	$1\frac{15}{16}''$	1
628-6258	AJ	1"	$1\frac{1}{8}''$	$1\frac{1}{2}''$	$1\frac{3}{16}''$	$2\frac{1}{2}''$	$6\frac{1}{16}''$	$1\frac{19}{32}''$ 3	$5\frac{11}{32}''$	$3\frac{13}{16}''$	4
628-6238	AK	$\frac{7}{8}''$	1"	$1\frac{3}{8}''$	$1\frac{1}{16}''$	$2\frac{1}{4}''$	$5\frac{3}{8}''$	$1\frac{3}{8}''$ 3	$4\frac{5}{8}''$	$3\frac{3}{8}''$	3
628-6237	AL	2"	$2\frac{1}{4}''$	3"	$2\frac{5}{16}''$	$4\frac{1}{2}''$	$11\frac{7}{8}''$	$3\frac{3}{16}''$ 3	$10\frac{11}{16}''$	$7\frac{5}{8}''$	14

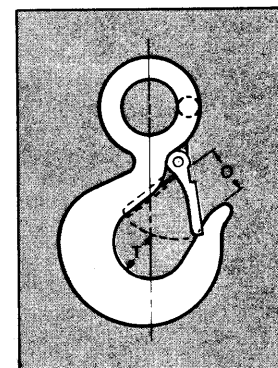
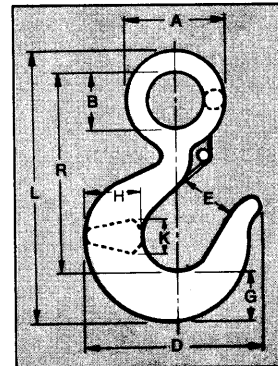


EYE HOOKS



K-1017

- The most complete line of eye and shank hooks — $\frac{3}{4}$ ton through 300 ton capacities.
- Available in three materials — carbon steel, alloy steel and bronze.
- Quenched and tempered.
- Rated capacity is permanently shown on each hook.



Eye Hook Dimensions with Latch Assembled

REVERSED EYE HOOKS — Reversed eye hooks also available with eye at right angle to plane of hook.

NOTE: Proof load twice safe working load. $\frac{3}{4}$ ton through 40 ton carbon — average straightening load (ultimate load) is five times safe working load. All bronze and alloy hooks — average straightening load (ultimate load) is four times safe working load.

Part No. Carbon	Part No. Alloy	Safe Working Load — Tons		DIMENSIONS IN INCHES												Weight Pounds Each
		C*	A	A	B	D	E	G	H	K	L	R	T	O		
902-3118	902-3369	¾	1	1.47	.75	2.88	.94	.75	.81	.56	4.34	3.22	.81	.88	.50	
902-3136	902-3387	1	1½	1.75	.91	3.19	1.03	.84	.94	.62	4.94	3.66	.81	.97	.75	
902-3154	902-3403	1½	2	2.03	1.12	3.62	1.06	1.00	1.16	.75	5.56	4.09	.84	1.00	1.00	
902-3172	902-3421	2	3	2.41	1.25	4.09	1.22	1.12	1.31	.84	6.81	4.69	1.19	1.12	1.70	
902-3190	902-3449	3	4½	2.94	1.56	4.94	1.50	1.44	1.62	1.12	7.91	5.75	1.38	1.34	3.60	
902-3216	902-3467	5	7	3.81	2.00	6.50	1.88	1.81	2.06	1.38	10.09	7.38	1.78	1.69	7.50	
902-3234	902-3485	7½	11	4.69	2.44	7.56	2.25	2.25	2.62	1.62	12.44	9.06	2.12	2.06	13.00	
902-3252	902-3500	10	15	5.38	2.84	8.69	2.50	2.59	2.94	1.94	13.94	10.06	2.56	2.25	19.00	
902-3270	902-3528	15	22	6.62	3.50	11.00	3.38	3.00	3.50	2.38	17.09	12.50	2.88	3.00	35.00	
902-3289	902-3546	20	30	7.00	3.50	13.62	4.00	3.66	4.62	3.00	19.47	14.06	3.44	3.62	60.00	
902-3305	902-3564	25	37	8.50	4.50	14.06	4.25	4.56	5.00	3.75	24.75	18.19	3.88	3.75	105.00	
902-3323	902-3582	30	45	9.31	4.94	15.44	4.75	5.06	5.50	4.12	27.38	20.12	4.75	4.25	148.00	
902-3341	902-3608	40	60	10.75	5.69	18.50	5.75	6.00	6.50	4.62	32.25	23.72	5.69	5.12	228.00	

C — Carbon steel.

A — Alloy steel.

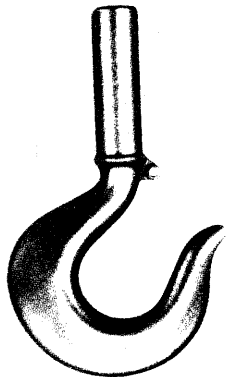
* Supplied hot dip galvanized thru 15 tons. Self colour also available.

All dimensions approximate and subject to minor changes without notice.



W.J. KEATING LIMITED

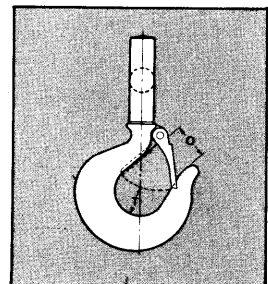
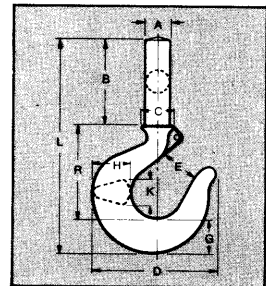
SHANK HOOKS



K-1018

- Forged Steel, alloy steel, hi-strength bronze.*
- Load Rating stamped on each hook.

NOTE: Proof load is twice safe working load. $\frac{3}{4}$ ton through 50 ton carbon — average straightening load (ultimate load) is five times safe working load. All bronze and alloy hooks — average straightening load (ultimate load) is four times safe working load.



Shank Hook Dimensions
with Latch Assembled

Part No. Carbon	Part No. Alloy	Safe Working Load — Tons			DIMENSIONS IN INCHES													Weight Pounds
		C*	A	B	A	B	C	D	E	G	H	K	R	L	O	T	Each	
902-4180	902-4607	¾	1	.5	.59	2.00	.69	2.88	.94	.75	.81	.56	2.28	5.00	.88	.81	.50	
902-4206	902-4625	1	1½	.6	.66	2.25	.78	3.19	1.03	.84	.94	.62	2.53	5.62	.97	.81	.75	
902-4224	902-4643	1½	2	1.0	.72	2.50	.88	3.62	1.06	1.00	1.16	.75	2.69	6.22	1.00	.84	1.00	
902-4242	902-4661	2	3	1.4	.88	2.75	1.00	4.09	1.22	1.12	1.31	.84	3.06	6.94	1.12	1.19	1.85	
902-4260	902-4689	3	4½	2.0	1.16	3.25	1.25	4.94	1.50	1.44	1.62	1.12	3.78	8.47	1.34	1.38	3.85	
902-4288	902-4705	5	7	3.5	1.41	3.75	1.56	6.50	1.88	1.81	2.06	1.38	4.75	10.31	1.69	1.78	7.25	
902-4304	902-4723	7½	11	5.0	1.69	4.25	1.94	7.56	2.25	2.25	2.62	1.62	5.88	12.38	2.06	2.12	13.00	
902-4322	902-4741	10	15	6.5	1.84	4.50	2.19	8.69	2.50	2.59	2.94	1.94	6.44	13.50	2.25	2.56	17.25	
902-4340	902-4769	15	22	10.0	2.25	5.50	2.62	11.00	3.38	3.00	3.50	2.38	7.94	16.44	3.00	2.88	33.00	
902-4386	902-4803	20	30	13.0	2.75	10.00	3.12	13.62	4.00	3.66	4.62	3.00	9.44	23.09	3.62	3.44	72.00	
902-4402	902-4821	20	30	—	2.75	18.00	3.12	13.62	4.00	3.66	4.62	3.00	9.44	31.09	3.62	3.44	85.50	
902-4420	902-4849	25	37	—	4.00	15.00	3.25	14.06	4.25	4.56	5.00	3.75	11.69	31.25	3.75	3.88	134.00	
902-4448	902-4867	25	37	—	4.00	24.00	3.25	14.06	4.25	4.56	5.00	3.75	11.69	40.25	3.75	3.88	172.00	
902-4466	902-4885	30	45	—	4.00	15.00	3.50	15.44	4.75	5.06	5.50	4.12	13.00	33.06	4.25	4.75	182.00	
902-4484	902-4901	30	45	—	4.00	24.00	3.50	15.44	4.75	5.06	5.50	4.12	13.00	42.06	4.25	4.75	214.00	
902-4509	902-4929	40	60	—	4.50	14.50	4.12	18.50	5.75	6.00	6.50	4.62	15.50	36.00	5.12	5.69	268.00	
902-4545	902-4965	40	60	—	4.50	26.00	4.12	18.50	5.75	6.00	6.50	4.62	15.50	47.50	5.12	5.69	312.00	
902-4563	902-4983	50	75	—	5.00	15.00	4.50	20.62	6.50	6.69	7.25	5.00	19.38	41.06	—	—	390.00	
902-4581	902-5009	50	75	—	5.00	23.00	4.50	20.62	6.50	6.69	7.25	5.00	19.38	49.06	—	—	426.00	
	902-5027	—	100	—	7.00	15.00	7.00	23.12	5.88	8.62	9.88	5.50	18.50	42.12	—	—	610.00	
	902-5045	—	100	—	7.00	21.00	7.00	23.12	5.88	8.62	9.88	5.50	18.50	48.12	—	—	675.00	
	902-5063	—	150	—	7.25	18.00	7.25	24.38	6.00	9.12	10.88	6.00	18.50	45.62	—	—	735.00	
	902-5081	—	200	—	8.00	20.00	8.00	26.69	6.50	10.00	11.81	7.00	20.50	50.50	—	—	1020.00	
	902-5090	—	300	—	9.50	20.00	9.50	30.12	8.00	10.94	12.94	7.25	23.75	54.69	—	—	1390.00	

A — Alloy steel. B Bronze, high strength. C — Carbon steel.

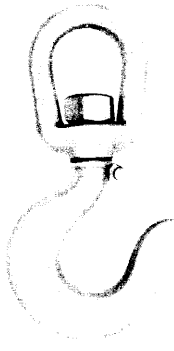
* Available hot dip galvanized thru 15 tons.

*Bronze Hooks made to order.

All dimensions approximate and subject to minor changes without notice.

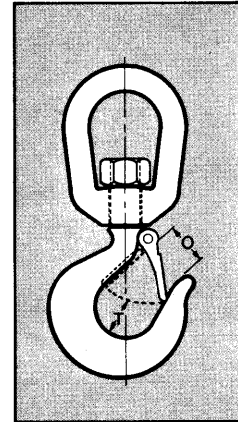
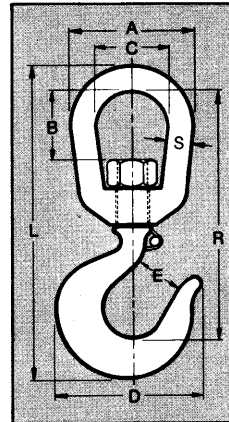


SWIVEL HOOKS



K-1020

- Forged, quenched and tempered.
- Rated capacity is permanently shown on each hook.



Swivel Hook
Dimensions with
Latch Assembled

Part No. Carbon	Part No. Alloy	Safe Working Load — Tons		DIMENSIONS IN INCHES										Weight Pounds Each
		C	A	A	B	C	D	E	L	R	S	T	O	
902-5312	902-5508	¾	1	2	15/16	1¼	27/8	15/16	59/16	415/32	¾	13/16	7/8	.75
902-5330	902-5526	1	1½	2½	15/16	1½	33/16	11/32	65/8	59/32	½	13/16	31/32	1.25
902-5358	902-5544	1½	2	3	15/8	1¾	35/8	11/16	75/8	61/64	5/8	27/32	1	2.25
902-5376	902-5562	2	3	3	19/16	1¾	43/32	17/32	81/8	63/8	5/8	13/16	11/8	2.57
902-5394	902-5580	3	4½	3½	1¾	2	415/16	1½	919/32	713/32	¾	13/8	111/32	4.75
902-5410	902-5606	5	7	4½	25/16	2½	6½	17/8	1213/32	919/32	1	125/32	111/16	10.29
902-5438	902-5624	7½	11	5	23/8	2¾	79/16	2¼	14½	111/8	11/8	21/8	21/16	16.25
902-5456	902-5642	10	15	55/8	211/16	31/8	811/16	2½	157/8	121/32	1¼	29/16	2¼	23.25
902-5474	902-5660	15	22	7	43/16	4	11	33/8	211/16	169/16	1½	27/8	3	49.75
902-5492	902-5688	20	30	7	43/16	4	135/8	4	237/32	181/16	1½	37/16	35/8	70.50

C — Carbon Steel

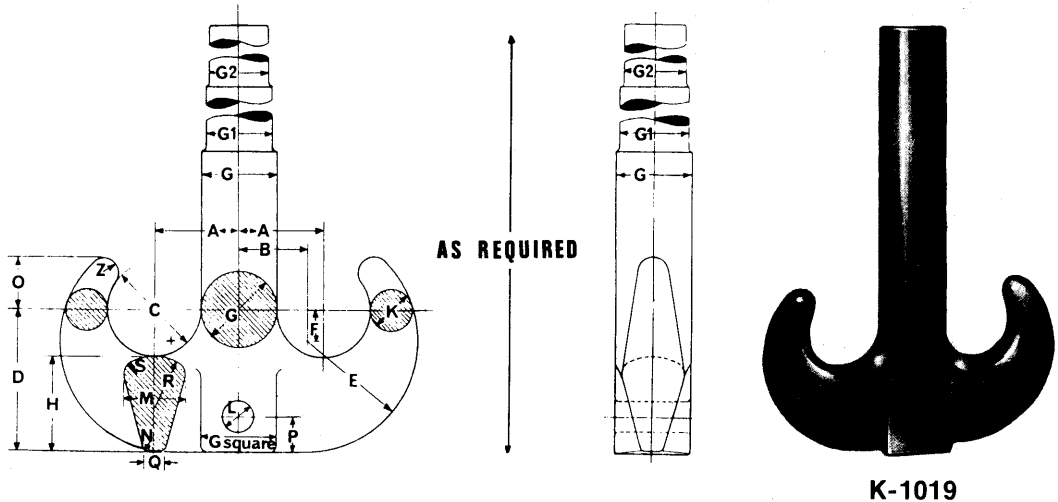
A — Hook-alloy Steel; Bail-carbon Steel

NOTE: Average proof load is twice safe working load. ¾ ton through 20 ton carbon — average straightening load (ultimate load) is five times safe working load. All alloy hooks — average straightening load (ultimate load) is four times safe working load.

Carbon Steel Hooks Supplied
Galvanized. Self Colour
Available.
Alloy Hooks Supplied Painted.



RAMSHORN HOOK Forged Steel



- Forgings only Normalised or fully machined, at customers option, Tested and Certified.
- Can also be fitted with nut and crosshead.
- Dim. G1 and G2 to customer specifications.

Part No.	S.W.L. Tons	C	A	B	D	E	F	G	H1	K	L	M	N	O	P	Q	R	S	Z
991-7039	20	4 $\frac{3}{8}$	4 $\frac{3}{8}$	3 $\frac{3}{8}$	7	5 $\frac{5}{8}$	1 $\frac{3}{8}$	4	4 $\frac{3}{8}$	2 $\frac{1}{8}$	1 $\frac{1}{2}$	3	$\frac{5}{8}$	2 $\frac{3}{8}$	2 $\frac{1}{2}$	1 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{9}{8}$	$\frac{1}{2}$
991-7048	25	5 $\frac{1}{2}$	4 $\frac{3}{8}$	3 $\frac{3}{8}$	7 $\frac{1}{2}$	6 $\frac{1}{8}$	1 $\frac{3}{8}$	4 $\frac{1}{2}$	5 $\frac{1}{8}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{3}{8}$	$\frac{5}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{9}{8}$	$\frac{1}{2}$
991-7057	30	5 $\frac{3}{4}$	5 $\frac{1}{2}$	4 $\frac{1}{8}$	8 $\frac{1}{8}$	6 $\frac{1}{8}$	1 $\frac{3}{8}$	4 $\frac{3}{4}$	5 $\frac{1}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{7}{8}$	3 $\frac{1}{8}$	$\frac{11}{8}$	1
991-7066	35	6	5 $\frac{1}{2}$	4 $\frac{1}{8}$	9 $\frac{1}{8}$	7 $\frac{1}{2}$	1 $\frac{3}{8}$	5	6 $\frac{1}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{3}{8}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	1 $\frac{7}{8}$	3 $\frac{1}{8}$	$\frac{11}{8}$	1
991-7075	40	6 $\frac{3}{4}$	5 $\frac{1}{2}$	4 $\frac{1}{8}$	9 $\frac{1}{8}$	7 $\frac{1}{2}$	1 $\frac{3}{8}$	5 $\frac{1}{2}$	6 $\frac{1}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	4 $\frac{1}{2}$	$\frac{3}{8}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	1 $\frac{7}{8}$	3 $\frac{1}{8}$	$\frac{11}{8}$	1 $\frac{1}{2}$
991-7084	45	6 $\frac{3}{4}$	6 $\frac{1}{2}$	4 $\frac{1}{8}$	10 $\frac{1}{8}$	8	2 $\frac{1}{2}$	5 $\frac{1}{2}$	6 $\frac{1}{8}$	3	2 $\frac{1}{8}$	4 $\frac{1}{2}$	$\frac{3}{8}$	3 $\frac{1}{8}$	3	1 $\frac{7}{8}$	3 $\frac{1}{8}$	$\frac{7}{8}$	1 $\frac{1}{2}$
991-7093	50	7	6 $\frac{3}{8}$	5 $\frac{1}{8}$	10 $\frac{1}{8}$	8 $\frac{1}{2}$	2 $\frac{3}{8}$	5 $\frac{1}{2}$	7 $\frac{1}{8}$	3 $\frac{1}{2}$	2 $\frac{1}{8}$	4 $\frac{1}{2}$	$\frac{2}{8}$	3 $\frac{1}{8}$	3	1 $\frac{7}{8}$	3 $\frac{1}{8}$	$\frac{7}{8}$	1 $\frac{1}{2}$
991-7106	60	7 $\frac{1}{2}$	6 $\frac{3}{8}$	5 $\frac{1}{8}$	11 $\frac{1}{8}$	9	2 $\frac{3}{8}$	6	7 $\frac{1}{8}$	3 $\frac{1}{2}$	2 $\frac{1}{8}$	5 $\frac{1}{2}$	$\frac{1}{2}$	4 $\frac{1}{8}$	3	1 $\frac{7}{8}$	3 $\frac{1}{8}$	$\frac{7}{8}$	1 $\frac{1}{2}$
991-7119	70	8	7 $\frac{1}{8}$	5 $\frac{1}{8}$	12 $\frac{1}{8}$	9 $\frac{1}{2}$	2 $\frac{3}{8}$	6 $\frac{1}{2}$	8 $\frac{1}{8}$	3 $\frac{1}{2}$	2 $\frac{1}{8}$	5 $\frac{1}{2}$	$\frac{1}{2}$	4 $\frac{1}{8}$	3	1 $\frac{7}{8}$	4 $\frac{1}{8}$	1	1 $\frac{1}{2}$
991-7128	80	8 $\frac{3}{8}$	7 $\frac{1}{8}$	5 $\frac{1}{8}$	13 $\frac{1}{8}$	10 $\frac{1}{2}$	2 $\frac{3}{8}$	6 $\frac{1}{2}$	8 $\frac{1}{8}$	3 $\frac{1}{2}$	2 $\frac{1}{8}$	5 $\frac{1}{2}$	$\frac{1}{2}$	4 $\frac{1}{8}$	3 $\frac{1}{2}$	2 $\frac{1}{8}$	4 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$
991-7137	100	9	8	6	14 $\frac{1}{8}$	11 $\frac{3}{8}$	3	7	9 $\frac{1}{8}$	4 $\frac{1}{2}$	3 $\frac{1}{8}$	6 $\frac{3}{8}$	$\frac{5}{8}$	5 $\frac{1}{8}$	4 $\frac{1}{2}$	2 $\frac{1}{8}$	5 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$
991-7155	120	9 $\frac{1}{2}$	8 $\frac{1}{2}$	6 $\frac{3}{8}$	15 $\frac{1}{8}$	12 $\frac{1}{2}$	3 $\frac{1}{2}$	7 $\frac{1}{2}$	10 $\frac{1}{8}$	4 $\frac{1}{2}$	3 $\frac{1}{8}$	7	$\frac{11}{8}$	5 $\frac{1}{8}$	4 $\frac{1}{2}$	2 $\frac{1}{8}$	5 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$
991-7173	140	10	9	6 $\frac{3}{8}$	16 $\frac{1}{8}$	12 $\frac{3}{8}$	3 $\frac{1}{2}$	8	11 $\frac{1}{8}$	5 $\frac{1}{2}$	3 $\frac{1}{8}$	7 $\frac{1}{2}$	$\frac{11}{8}$	6 $\frac{1}{8}$	5	2 $\frac{1}{8}$	6 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$
991-7191	160	10 $\frac{1}{2}$	9 $\frac{1}{2}$	7 $\frac{1}{8}$	17 $\frac{1}{8}$	13 $\frac{3}{8}$	3 $\frac{1}{2}$	8 $\frac{1}{2}$	12 $\frac{1}{8}$	5 $\frac{1}{2}$	4 $\frac{1}{8}$	7 $\frac{1}{2}$	$\frac{11}{8}$	6 $\frac{1}{8}$	5	3 $\frac{1}{8}$	6 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$
991-7217	180	11	10	7 $\frac{3}{8}$	18 $\frac{1}{8}$	14 $\frac{3}{8}$	4	9	12 $\frac{3}{8}$	5 $\frac{1}{2}$	4 $\frac{1}{8}$	8 $\frac{1}{2}$	$\frac{11}{8}$	6 $\frac{1}{8}$	5 $\frac{1}{2}$	3 $\frac{1}{8}$	7	1 $\frac{1}{8}$	2 $\frac{1}{8}$
991-7235	200	11 $\frac{1}{2}$	10 $\frac{1}{2}$	7 $\frac{3}{8}$	19 $\frac{1}{8}$	15 $\frac{1}{8}$	4 $\frac{1}{2}$	9 $\frac{1}{2}$	13 $\frac{3}{8}$	6	4 $\frac{1}{8}$	8 $\frac{1}{2}$	$\frac{11}{8}$	7 $\frac{1}{8}$	5 $\frac{1}{2}$	3 $\frac{1}{8}$	7 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{2}$

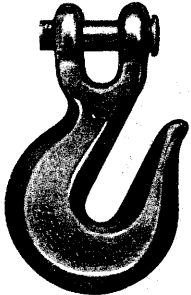
LARGER SIZES ON APPLICATION



W.J. KEATING LIMITED

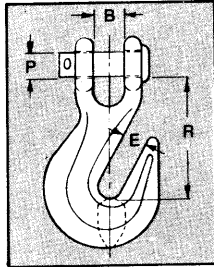
CHAIN HOOKS

CLEVIS GRAB HOOKS



Forged
Carbon
Steel
Quenched &
Tempered

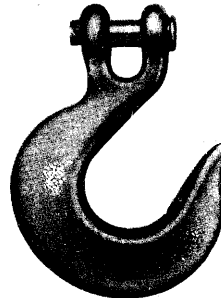
Forged
Alloy Steel
Quenched &
Tempered



Part No. C.S.	Part No. Alloy	Size of Chain	Safe Working Load		DIMENSIONS IN INCHES				Weight Pounds Each
			C.S.	ALLOY	B	E	P	R	
902-7105	902-7249	1/4"	2,600	3,600	7/16	1 1/32	3/8	1 13/16	.35
902-7123	902-7267	5/16"	3,900	5,400	1/2	7/16	7/16	2 3/32	.65
902-7141	902-7285	3/8"	5,400	7,500	19/32	1/2	15/32	2 15/32	1.00
902-7169	902-7301	7/16"	7,200	10,000	2 1/32	9/16	9/16	2 25/32	1.25
902-7187	902-7329	1/2"	9,200	12,750	3/4	2 1/32	9/8	3 3/32	2.06
902-7203	902-7347	5/8"	12,750	19,000	29/32	2 1/2	3/4	4 3/32	4.25
902-7221	902-7365	3/4"	18,500	27,000	15/16	1 5/16	7/8	4 5/8	6.70

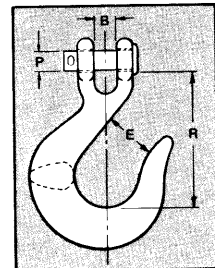
K-1024

CLEVIS SLIP HOOKS



Forged
Carbon
Steel
Quenched &
Tempered

Forged
Alloy Steel
Quenched &
Tempered



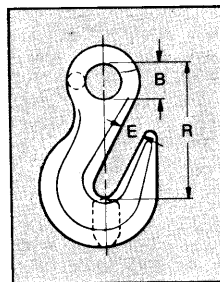
K-1025

EYE GRAB HOOKS



Forged
Carbon
Steel
Quenched &
Tempered

Forged
Alloy Steel
Quenched &
Tempered



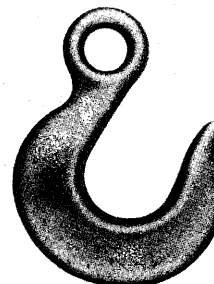
K-1026

Part No. Carbon	Part No. Alloy	Size of Chain	SAFE WORKING LOAD		DIMENSIONS IN INCHES			Weight Pounds Each
			C.S.	ALLOY	B	E	R	
902-6204	902-6384	1/4"	2,600	3,600	1/2	1 1/32	1 13/32	.28
902-6222	902-6400	5/16"	3,900	5,400	9/16	7/16	2 1/4	.50
902-6240	902-6428	3/8"	5,400	7,500	2 1/32	1/2	2 3/16	.81
902-6268	902-6446	7/16"	7,200	10,000	3/4	9/16	2 15/16	1.25
902-6286	902-6464	1/2"	9,200	12,750	7/8	2 1/32	3 3/8	1.75
902-6302	902-6482	5/8"	12,750	19,000	1 1/16	2 5/32	4 3/32	3.25
902-6320	902-6507	3/4"	18,500	27,000	1 5/8	1 1/16	5 5/32	6.00
902-6348	902-6525	7/8"	24,000	35,000	1 5/16	1 1/16	5 29/32	9.17
902-6366	902-6543	1"	30,000	45,000	1 13/16	1 3/16	6 23/32	14.00

EYE SLIP HOOKS

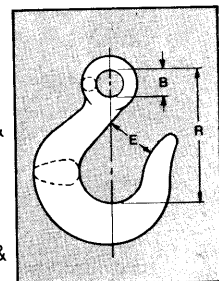
Part No. Carbon	Part No. Alloy	Size of Chain	Safe Working Load* Lbs.		DIMENSIONS IN INCHES			Weight Pounds Each
			C.S.	ALLOY	B	E	R	
902-6749	902-6927	1/4"	1,950	2,750	1/2	1 5/16	2 17/32	.40
902-6767	902-6945	5/16"	2,875	4,300	5/8	1 1/16	2 29/32	.70
902-6785	902-6963	3/8"	4,000	5,250	23/32	1 5/16	3 5/16	1.00
902-6801	902-6981	7/16"	5,000	7,000	13/16	1 9/16	3 7/8	1.56
902-6829	902-7007	1/2"	6,500	9,000	1 5/16	1 11/16	4 9/32	2.31
902-6847	902-7025	5/8"	9,250	13,500	1 1/8	2	5 7/32	3.78
902-6865	902-7043	3/4"	12,500	19,250	1 3/8	2 1/8	5 25/32	6.25
902-6883	902-7061	7/8"	17,250	26,000	1 9/16	2 3/4	7 5/32	10.42
902-6909	902-7089	1"	22,700	34,000	1 13/16	3	8 3/32	15.50

*Ultimate Load is four times the Safe Working Load.



Forged
Carbon
Steel
Quenched &
Tempered

Forged
Alloy Steel
Quenched &
Tempered



K-1027

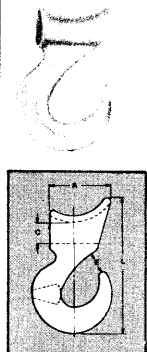
All dimensions approximate and subject to minor changes without notice



W.J. KEATING LIMITED

HOOKS • SNAP • CHOKER

K-1054



- FORGED ALLOY STEEL through $\frac{3}{4}$ ".
- CAST ALLOY STEEL — $\frac{7}{8}$ " through $1\frac{1}{2}$ ".
- Wide throat to take heavy thimbles.

*Ultimate Load is 5 times Safe Working Load.

†When ordering, EYE diameter ("C") should be specified.

SLIDING CHOKER HOOKS Quenched & Tempered

Part No.	Single Part Rope Size	Eight Part Rope Size	Safe Working Load* Pounds	DIMENSIONS IN INCHES				Weight Pounds Each
				A	C	E	L	
902-8042	$\frac{3}{8}$		2,500	$2\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{8}$	$4\frac{9}{32}$	.75
902-8060	$\frac{1}{2}$	$\frac{1}{8}$	3,300	$2\frac{1}{4}$	$\frac{3}{4}$	$2\frac{5}{32}$	$4\frac{31}{32}$	1.25
902-8088	$\frac{5}{16}$	$\frac{3}{16}$	5,000	$3\frac{1}{16}$	$\frac{3}{4}$ or 1	$1\frac{5}{16}$	$6\frac{3}{8}$	3.10
902-8122	$\frac{3}{4}$	$\frac{1}{4}$	8,000	$3\frac{3}{8}$	1 or $1\frac{7}{16}$	$1\frac{5}{32}$	$7\frac{21}{32}$	5.00
902-8168	$\frac{7}{8}$ - 1	$\frac{3}{8}$	15,000	$4\frac{1}{2}$	$1\frac{1}{4}$ or 2	$1\frac{5}{8}$	$9\frac{1}{2}$	16.25
902-8202	$1\frac{1}{8}$ - $1\frac{1}{4}$	$\frac{7}{16}$	23,000	$5\frac{5}{8}$	$2\frac{5}{16}$	$1\frac{3}{4}$	$11\frac{5}{8}$	28.25
902-8220	$1\frac{3}{8}$ - $1\frac{1}{2}$	$\frac{1}{2}$ - $\frac{9}{16}$	30,000	7	$2\frac{13}{16}$	$2\frac{3}{16}$	$14\frac{1}{2}$	67.50

K-1055



- Pressed steel latches and stainless steel springs, bolts and nuts.

- Safe Working Loads shown are based on Ultimate Load that is 4 times the Safe Working Load.

SNAP HOOKS Forged Steel, Quenched & Tempered Galvanized

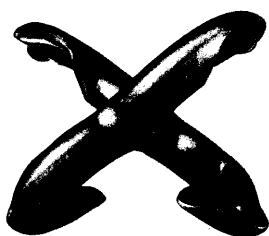
Part No.	Hook Size Inches	Safe Working Load Pounds	Inside Diam. of Eye Inches	Throat Opening Inches	Length Overall Inches	Weight Pounds Per 100
902-3056	$\frac{7}{16}$	750	$\frac{3}{4}$	$\frac{3}{4}$	$3\frac{15}{16}$	24.00
902-3074	$\frac{9}{16}$	1,000	$1\frac{1}{8}$	$1\frac{3}{16}$	$4\frac{3}{4}$	50.00

SWING LINKS

FORGED STEEL

- Forged steel half links connected by a bronze rivet, for the quick connecting of chain links.
- The link, and interlocking lugs, remain firmly joined while under tension.
- The link is easily removed when the tension is relaxed.

K-1056



Part No.	Size Inches	DIMENSIONS IN INCHES			Weight Pounds Per 100
		Width	Length	I.D. Eye	
901-4397	$\frac{1}{4}$	$\frac{7}{8}$	$1\frac{7}{8}$	$\frac{3}{8}$	8.5
901-4413	$\frac{5}{16}$	1	$2\frac{1}{8}$	$\frac{3}{8}$	12
901-4431	$\frac{3}{8}$	$1\frac{5}{16}$	$2\frac{9}{16}$	$\frac{9}{16}$	20.5
901-4459	$\frac{1}{2}$	$1\frac{5}{8}$	$3\frac{5}{16}$	$\frac{5}{8}$	43
901-4477	$\frac{5}{8}$	$2\frac{1}{16}$	$4\frac{3}{16}$	$1\frac{3}{16}$	92
901-4495	$\frac{3}{4}$	$2\frac{9}{16}$	$4\frac{7}{8}$	$1\frac{1}{16}$	155
901-4510	1	$3\frac{1}{4}$	$6\frac{1}{2}$	$1\frac{1}{4}$	345



Drop Forged, Galvanized Hooks

Specifications and Stock Numbers, 4181



Round,
Loose
Hook,

K-3010

Size Inches	Stock Number	Dimensions in Inches			Weight in Pounds	Working Load Limit*, Pounds
		Length	I.D. of Eye	Throat Opening		
1/2	389-0835	37/16	7/8	3/4	5/16	500
5/8	389-1035	43/8	1 1/16	15/16	5/8	700
3/4	389-1235	47/8	1 3/16	1 1/16	7/8	1,200
7/8	389-1435	5 1/2	1 1/4	1 1/4	15/16	1,500
1	389-1635	6 1/2	1 7/16	1 5/16	2 1/16	1,800
1 1/8	389-1835	7	1 1/2	1 7/16	2 3/4	2,200
1 1/4	389-2035	7 3/16	1 5/8	1 5/8	4	2,900
1 3/8	389-2235	8 1/2	1 13/16	1 13/16	5 5/16	3,300
1 1/2	389-2435	9 1/4	1 15/16	2	6	3,700

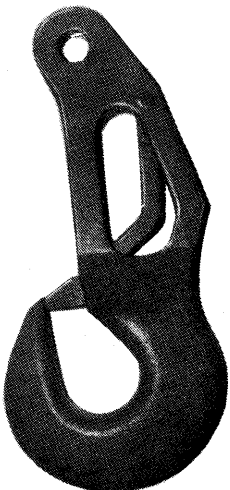
Specifications and Stock Numbers, 4184



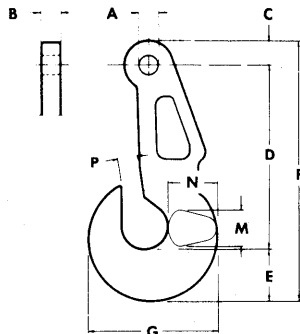
Bosloc
Safety Hook.

K-3011

Hook Number	Stock Number	Dimensions in Inches			Weight in Pounds	Working Load Limit*, Tons
		Length	Swivel Size	Throat Opening		
2	389-6235	57/16	3/8	1	1	3/4
3	389-6335	67/32	7/16	1	1 1/2	1 1/2
4	389-6435	7 1/8	1/2	1	2 1/4	2
5	389-6535	7 9/16	1/2	1 1/8	2 3/4	3
6	389-6635	8 3/4	5/8	1 5/16	3 1/2	4
7	389-6735	9 15/32	5/8	1 3/8	5	4 1/2



K-3012



HANDY LATCH HOOK

An ideal hook for single line crane service—fast, simple, safe. The hook tender can position the hook and operate the latch with one hand. The spring loaded safety latch closes automatically on trigger release. These cast alloy steel hooks are heat treated, 100% Magnaflux inspected, and proof tested—to insure utmost reliability.

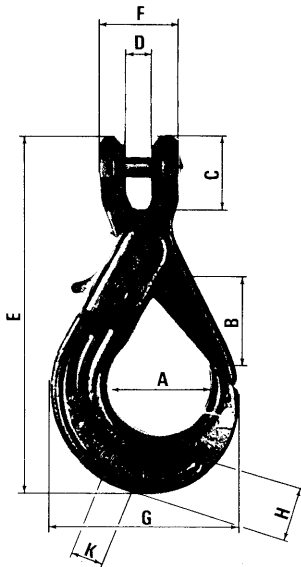
CAPACITY TONS	LINE SIZE	A	B	C	D	E	F	G	M	N	P	WEIGHT
5	5/8 - 3/4	1-1/32	1	1 3/8	12 1/4	2 1/4	15 7/8	7	2	2 3/4	1 1/4	22
10	7/8 - 1	1-9/32	1 1/4	1 5/8	13	3	17 3/4	8 1/2	2 1/2	3 1/2	1 1/2	35
15	1 1/8 - 1 1/4	1-17/32	1 1/2	1 7/8	14 3/4	3 3/4	20 1/4	10 1/4	3	4	2	49



W.J. KEATING LIMITED

LOCKING SAFETY HOOKS FOR USE WITH GRADE 80 CHAIN ASSEMBLIES

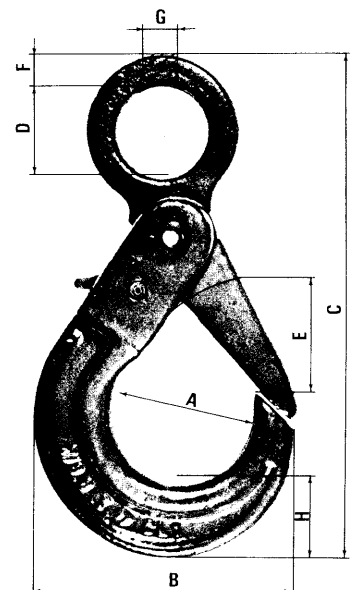
CLEVIS SAFETY HOOK



Part No.	SWL SAFETY FACTOR 5 to 1	Chain Size in. mm.	A	B	C	D	E	F	G	H	I	J	K	Wt. in kg
091-1516	1,5 T	1/4 8	46	38	26	8	157	32	88	29	21	0,90		
091-1525	3 T	3/8 10	56	43	35	10	199	43	117	36	30	1,58		
091-1534	5,25 T	1/2 13	72	54	46	13	243	54	136	43	36	3,10		
091-1543	8,3 T	5/8 16	90	67	56	16	300	68	173	54	46	6,26		

EYE SAFETY HOOK

Part No.	SWL SAFETY FACTOR 5 to 1	Chain Size in. mm.	A	B	C	D	E	F	G	H	Wt. in kg
091-1561	1,5 T	1/4 8	46	88	172	30	38	11	10	29	0,90
091-1570	3,0 T	3/8 10	56	117	215	36	43	15	12	36	1,50
091-1589	5 T	1/2 13	72	136	260	47	54	19	16	43	3,10
091-1598	8 T	5/8 16	90	173	328	60	67	24	19,5	54	6,20





W.J. KEATING LIMITED

735 AVOCA AVENUE, DORVAL, QUE., CANADA, H9P 1G4 TEL. 514-631-9815

TELEX 05-822633

5751117

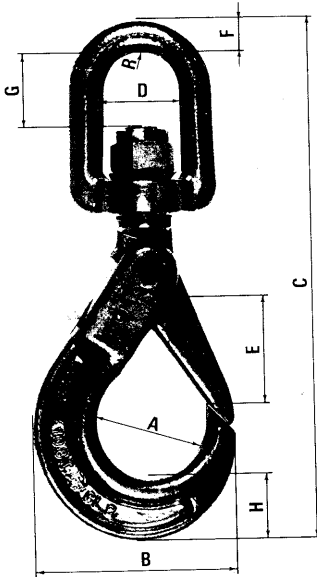
EAGLE

SALES AGENTS

DDLEY

WLO

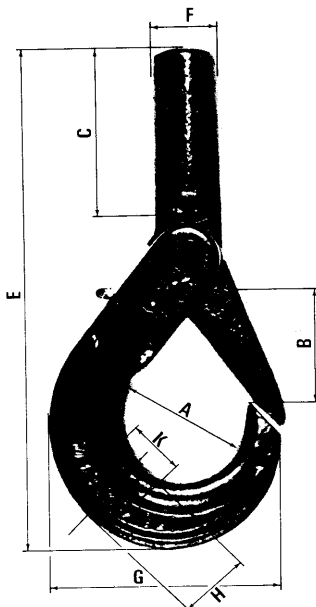
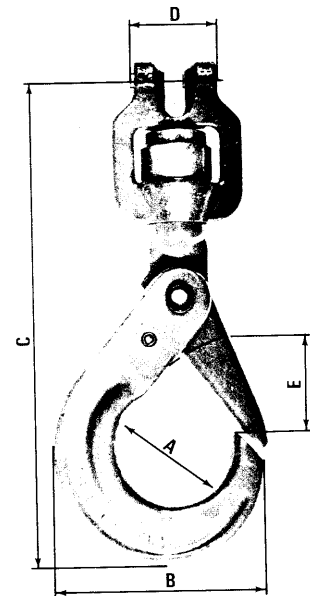
EYE SWIVEL SAFETY HOOK



Part No.	SWL 5:1	CHAIN SIZE	A	B	C	D	E	F	G	H	Weight in kg
091-1605	1,5 T	1/4	46	88	218	34	38	14	38	29	1,1
091-1614	3 T	3/8	56	117	270	38	43	18	40	36	1,7
091-1623	5 T	1/2	72	136	347	56	54	25	63	43	3,4
091-1632	8 T	5/8	90	173	415	60	67	27	68	54	6,9

CLEVIS SWIVEL SAFETY HOOK

Part No.	SWL 5:1	CHAIN SIZE	A	B	C	D	E	Weight in kg
091-1641	1,5 T	5/16	46	88	200	36	38	1,00
091-1650	2,5 T	3/8	46	88	200	36	38	1,00



SHANK TYPE SAFETY HOOK

Part No.	SWL SAFETY FACTOR 5:1	CHAIN SIZE	A	B	C	E	F	G	H	K	Weight in kg
091-1669	1,5 T	1/4	46	38	60	190	26	88	29	21	0,7
091-1678	3 T	3/8	56	43	74	230	30	117	36	30	1,0
091-1687	5 T	1/2	72	54	85	280	38	136	43	36	2,5
091-1696	8 T	5/8	90	67	100	340	45	173	54	46	5,7



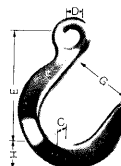
W.J. KEATING LIMITED

GRADE 80 CHAIN ACCESSORIES

EYE FOUNDRY HOOK

drop forged – heat treated

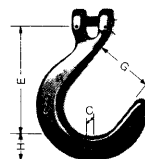
Part No.	Nominal Size	Trade Size		Working Load Limit		E	C	D	G	H	Weight each
		mm	inch	kg	pounds	inch	inch	inch	inch	inch	
091-0385	6-8	6	$\frac{7}{32}$	1120	2470	$3\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	2	$\frac{15}{16}$	1.21
091-0401	8-8	8	$\frac{5}{16}$	2000	4400	$4\frac{7}{8}$	1	$\frac{5}{8}$	$2\frac{1}{2}$	$1\frac{3}{16}$	3.30
091-0410	10-8	10	$\frac{3}{8}$	3200	7000	$5\frac{3}{4}$	$1\frac{1}{4}$	$\frac{3}{4}$	3	$1\frac{3}{8}$	3.74
091-0429	13-8	13	$\frac{1}{2}$	5000	11000	$6\frac{7}{8}$	$1\frac{1}{2}$	1	$3\frac{1}{2}$	$1\frac{5}{8}$	7.04
091-0438	16-8	16	$\frac{5}{8}$	8000	17600	$8\frac{1}{8}$	$1\frac{3}{4}$	$1\frac{1}{4}$	4	$1\frac{7}{8}$	11.7
091-0447	18/20-8	18/20	$\frac{3}{4}$	12500	27500	$9\frac{1}{4}$	2	$1\frac{9}{16}$	$4\frac{1}{2}$	$2\frac{1}{8}$	17.2
091-0456	22-8*	22	$\frac{7}{8}$	15000	33000	$10\frac{1}{2}$	$2\frac{9}{16}$	$1\frac{13}{16}$	5	$2\frac{3}{4}$	21.6
091-0465	26-8*	26	1	20000	44000	12	$2\frac{7}{8}$	$2\frac{1}{16}$	$5\frac{3}{8}$	$3\frac{1}{8}$	31.3
091-0474	32-8*	32	$1\frac{1}{4}$	32000	70500	$12\frac{7}{8}$	$3\frac{1}{4}$	$2\frac{3}{8}$	6	$3\frac{5}{8}$	47.3



CLEVIS FOUNDRY HOOK

drop forged – heat treated

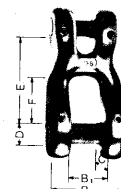
Part No.	Nominal Size	Trade Size		Working Load Limit		E	C	H	G	Weight each
		mm	inch	kg	pounds	inch	inch	inch	inch	
091-0483	8-8	8	$\frac{5}{16}$	2000	4400	$4\frac{5}{16}$	$\frac{13}{32}$	$\frac{29}{32}$	$2\frac{5}{8}$	2.20
091-0492	10-8	10	$\frac{3}{8}$	3200	7000	$5\frac{3}{16}$	$1\frac{1}{16}$	$1\frac{3}{8}$	3	3.52
091-0508	13-8	13	$\frac{1}{2}$	5000	11000	$6\frac{5}{16}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$3\frac{1}{2}$	7.26
091-0517	16-8	16	$\frac{5}{8}$	8000	17600	$7\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	4	11.9
091-0526	18-8	18	$\frac{3}{4}$	10000	22000	$8\frac{9}{8}$	2	$2\frac{1}{8}$	$4\frac{1}{2}$	18.9
091-0535	22-8	22	$\frac{7}{8}$	15000	33000	$9\frac{3}{8}$	$2\frac{3}{16}$	$2\frac{3}{8}$	$4\frac{7}{8}$	25.8



SPECIAL COUPLING SHACKLE

drop forged – heat treated

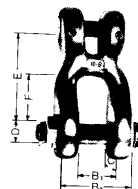
Part No.	Nominal Size	Trade Size		Working Load Limit		E	B ₁	B ₂	C	D	F	Weight each
		mm	inch	kg	pounds	inch	inch	inch	inch	inch	inch	
091-0544	10-8	10	$\frac{3}{8}$	3200	7000	$2\frac{9}{16}$	$\frac{13}{16}$	$1\frac{7}{8}$	$1\frac{1}{4}$	$\frac{5}{8}$	$1\frac{7}{16}$	1.10
091-0553	13-8	13	$\frac{1}{2}$	5000	11000	$3\frac{5}{16}$	$1\frac{1}{16}$	$2\frac{3}{8}$	$1\frac{9}{16}$	$\frac{3}{4}$	$1\frac{13}{16}$	2.53
091-0562	16-8	16	$\frac{5}{8}$	8000	17600	$3\frac{11}{16}$	$1\frac{5}{16}$	3	$1\frac{7}{8}$	$\frac{15}{16}$	$2\frac{3}{16}$	4.30
091-0571	18-8	18	$\frac{3}{4}$	10000	22000	$4\frac{1}{8}$	$1\frac{5}{8}$	$3\frac{3}{4}$	$2\frac{3}{8}$	$1\frac{3}{16}$	$2\frac{5}{8}$	8.60



SPECIAL COUPLING SHACKLE WITH BOLT

drop forged – heat treated

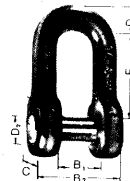
Part No.	Nominal Size	Trade Size		Working Load Limit		E	B ₁	B ₂	C	D	F	Weight each
		mm	inch	kg	pounds	inch	inch	inch	inch	inch	inch	
091-0580	10-8	10	$\frac{3}{8}$	3200	7000	$2\frac{9}{16}$	$\frac{13}{16}$	$1\frac{7}{8}$	$1\frac{1}{4}$	$\frac{5}{8}$	$1\frac{7}{16}$	1.32
091-0606	13-8	13	$\frac{1}{2}$	5000	11000	$3\frac{5}{16}$	$1\frac{1}{16}$	$2\frac{3}{8}$	$1\frac{9}{16}$	$\frac{3}{4}$	$1\frac{13}{16}$	2.86
091-0615	16-8	16	$\frac{5}{8}$	8000	17600	$3\frac{11}{16}$	$1\frac{5}{16}$	3	$1\frac{7}{8}$	$\frac{15}{16}$	$2\frac{3}{16}$	4.84
091-0624	18-8	18	$\frac{3}{4}$	10000	22000	$4\frac{1}{8}$	$1\frac{5}{8}$	$3\frac{3}{4}$	$2\frac{3}{8}$	$1\frac{3}{16}$	$2\frac{5}{8}$	9.35



SPECIAL CHAIN SHACKLE

drop forged – heat treated

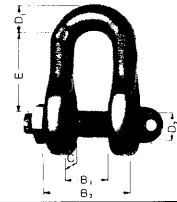
Part No.	Nominal Size	Shackle No. to	Trade Size		Working Load Limit		E	B ₁	B ₂	C	D ₁	D ₂	Weight each
			mm	inch	kg	pounds	inch	inch	inch	inch	inch	inch	
091-0633	10-8	1	10	$\frac{3}{8}$	3200	7000	$1\frac{15}{16}$	$\frac{13}{16}$	$1\frac{7}{8}$	$1\frac{1}{4}$	$\frac{19}{32}$	$\frac{5}{8}$	.79
091-0642	13-8	1,6	13	$\frac{1}{2}$	5000	11000	$2\frac{3}{8}$	$1\frac{1}{16}$	$2\frac{3}{8}$	$1\frac{9}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	1.54
091-0651	16-8	2,5	16	$\frac{5}{8}$	8000	17600	$2\frac{7}{8}$	$1\frac{1}{16}$	3	$1\frac{7}{8}$	$\frac{29}{32}$	$\frac{15}{16}$	3.08
091-0660	18/20-8	4	18/20	$\frac{3}{4}$	12500	27500	$3\frac{9}{16}$	$1\frac{5}{8}$	$3\frac{3}{4}$	$2\frac{3}{8}$	$1\frac{1}{8}$	$1\frac{3}{16}$	6.16
091-0679	22-8	5	22	$\frac{7}{8}$	15000	33000	$4\frac{3}{8}$	$1\frac{7}{8}$	$4\frac{3}{16}$	$2\frac{7}{8}$	$1\frac{5}{16}$	$1\frac{1}{8}$	9.13
091-0688	26-8	6	26	1	20000	44000	$4\frac{3}{4}$	$2\frac{3}{32}$	$4\frac{3}{4}$	$3\frac{1}{16}$	$1\frac{7}{16}$	$1\frac{17}{32}$	13.0
091-0697	28-8	8	28	$1\frac{1}{8}$	25000	55100	$5\frac{1}{2}$	$2\frac{3}{8}$	$5\frac{3}{8}$	$3\frac{9}{16}$	$1\frac{5}{8}$	$1\frac{3}{4}$	19.4
091-0704	32-8	10	32	$1\frac{1}{4}$	32000	70500	$5\frac{3}{4}$	$2\frac{5}{8}$	$5\frac{7}{8}$	$3\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{7}{8}$	23.5
091-0713	36-8	12	36	$1\frac{3}{8}$	40000	88100	$6\frac{1}{4}$	$2\frac{7}{8}$	$6\frac{5}{8}$	$4\frac{1}{8}$	2	$1\frac{1}{32}$	27.5
091-0722	40-8	16	40	$1\frac{1}{2}$	50000	110100	$7\frac{1}{4}$	$3\frac{3}{16}$	$7\frac{1}{4}$	$4\frac{3}{4}$	$2\frac{3}{16}$	$2\frac{3}{8}$	39.6
091-0731	45-8	20	45	$1\frac{3}{4}$	63000	138700	$8\frac{1}{4}$	$3\frac{1}{2}$	$8\frac{1}{8}$	$5\frac{3}{8}$	$2\frac{3}{8}$	$2\frac{11}{16}$	62.5





W.J. KEATING LIMITED

GRADE 80 CHAIN ACCESSORIES SPECIAL CHAIN SHACKLE WITH BOLT



drop forged – heat treated

Part No.	Nominal Size	Shackle No. to		Working Load Limit		E	B ₁	B ₂	C	D ₁	D ₂	Weight each	
		DIN 82101	mm	inch	kg	pounds	inch	inch	inch	inch	inch	inch	pounds
091-0740	10-8	1	10	3/8	3200	7000	1 15/16	1 3/16	1 7/8	1 1/4	19/32	5/8	.86
091-0759	13-8	1,6	13	1/2	5000	11000	2 3/8	1 1/16	2 3/8	1 9/16	3/4	3/4	1.87
091-0768	16-8	2,5	16	5/8	8000	17600	2 7/8	1 5/16	3	1 7/8	29/32	15/16	3.30
091-0777	18/20-8	4	18/20	3/4	12500	27500	3 9/16	1 5/8	3 3/4	2 3/8	1 1/8	1 3/16	6.60
091-0786	22-8	5	22	7/8	15000	33000	4 3/8	1 7/8	4 3/16	2 7/8	1 5/16	1 3/8	9.90
091-0795	26-8	6	26	1	20000	44000	4 3/4	2 3/32	4 3/4	3 1/16	1 7/16	1 17/32	14.5
091-0802	28-8	8	28	1 1/8	25000	55100	5 1/2	2 3/8	5 3/8	3 9/16	1 5/8	1 3/4	20.7
091-0811	32-8	10	32	1 1/4	32000	70500	5 3/4	2 5/8	5 7/8	3 3/4	1 3/4	1 7/8	26.0
091-0820	36-8	12	36	1 3/8	40000	88100	6 1/4	2 7/8	6 5/8	4 1/8	2	1 1/32	30.2
091-0839	40-8	16	40	1 1/2	50000	110100	7 1/4	3 3/16	7 1/4	4 3/4	2 3/16	2 3/8	42.5
091-0848	45-8	20	45	1 3/4	63000	138700	8 1/4	3 1/2	8 1/8	5 3/8	2 3/8	2 11/16	65.6

CLEVIS GRAB HOOK WITH SAFETY LATCH

drop forged – heat treated

Patent pend.



Part No.	Nominal Size	Trade Size		Working Load Limit		E	G	Weight each
		mm	inch	kg	pounds	inch	inch	pounds
091-0857	8-8	8	$\frac{5}{16}$	2000	4400	$2\frac{9}{16}$	$\frac{3}{8}$	1.00
091-0866	8-8	8	$\frac{5}{16}$	2000	4400	$2\frac{9}{16}$	$\frac{3}{8}$	1.00
091-0875	10-8	10	$\frac{3}{8}$	3200	7000	3	$\frac{1}{2}$	2.10
091-0884	13-8	13	$\frac{1}{2}$	5000	11000	$3\frac{3}{4}$	$\frac{19}{32}$	4.18
091-0893	16-8	16	$\frac{5}{8}$	8000	17600	$4\frac{1}{2}$	$\frac{11}{16}$	5.70
091-0900	18-8	18	$\frac{3}{4}$	10000	22000	$5\frac{3}{8}$	$\frac{3}{4}$	11.70
091-0919	22-8	22	$\frac{7}{8}$	15000	33000	$5\frac{11}{16}$	$\frac{29}{32}$	19.60

CLEVIS SWING HOOK WITH SAFETY LATCH

drop forged – heat treated



Part No.	Nominal Size	Trade Size		Working Load Limit		E	C	G	H	Weight each
		mm	inch	kg	pounds	inch	inch	inch	inch	pounds
091-0937	8-8	8	$\frac{5}{16}$	2000	4400	$2\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{16}$	1	.88
091-0946	10-8	10	$\frac{3}{8}$	3200	7000	$3\frac{1}{2}$	$\frac{25}{32}$	$1\frac{3}{8}$	$1\frac{1}{4}$	1.76
091-0955	13-8	13	$\frac{1}{2}$	5000	11000	$4\frac{1}{2}$	1	$1\frac{11}{16}$	$1\frac{5}{8}$	3.85
091-0964	16-8	16	$\frac{5}{8}$	8000	17600	$5\frac{3}{8}$	$1\frac{1}{4}$	$2\frac{3}{32}$	$1\frac{15}{16}$	6.38
091-0973	18-8	18	$\frac{3}{4}$	10000	22000	$6\frac{7}{8}$	$1\frac{9}{16}$	$2\frac{19}{32}$	$2\frac{9}{32}$	11.90
091-0982	22-8	22	$\frac{7}{8}$	15000	33000	$7\frac{5}{8}$	2	$2\frac{7}{8}$	$2\frac{5}{8}$	16.90



EYE HOOK WITH SAFETY LATCH

drop forged – heat treated

Part No.	Nominal Size	Trade Size		Hook No. to DIN 689	Working Load Limit		E	C	D	G	H	Weight each
		mm	inch		kg	pounds	inch	inch	inch	inch	inch	pounds
091-0991	8-8	8	$\frac{5}{16}$	0,5	2000	4400	$3\frac{3}{8}$	$\frac{21}{32}$	$\frac{5}{8}$	$\frac{15}{16}$	$\frac{7}{8}$	0.66
091-1008	8-8	8	$\frac{5}{16}$	0,5	2000	4400	$3\frac{3}{8}$	$\frac{21}{32}$	$\frac{5}{8}$	$\frac{15}{16}$	$\frac{7}{8}$	0.66
091-1017	10-8	10	$\frac{3}{8}$	1	3200	7000	$4\frac{9}{16}$	$\frac{15}{16}$	$\frac{3}{4}$	$1\frac{5}{16}$	$1\frac{7}{32}$	1.87
091-1026	13-8	13	$\frac{1}{2}$	1,6	5000	11000	$5\frac{7}{16}$	$1\frac{1}{8}$	1	$1\frac{17}{32}$	$1\frac{7}{16}$	3.08
091-1035	16-8	16	$\frac{5}{8}$	2,5	8000	17600	$6\frac{7}{8}$	$1\frac{3}{8}$	$1\frac{1}{4}$	$1\frac{15}{16}$	$1\frac{13}{16}$	5.72
091-1044	18/20-8	18/20	$\frac{3}{4}$	4	12500	27500	$8\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{9}{16}$	$2\frac{7}{16}$	$2\frac{5}{16}$	12.54
091-1053	22-8	22	$\frac{7}{8}$	5	15000	33000	$9\frac{5}{16}$	$1\frac{15}{16}$	$1\frac{13}{16}$	$2\frac{3}{4}$	$2\frac{9}{16}$	16.9
091-1062	26-8	26	1	6,3	20000	44000	$10\frac{7}{8}$	$2\frac{3}{16}$	$2\frac{1}{16}$	$3\frac{1}{16}$	$2\frac{7}{8}$	24.0
091-1071	32-8	32	$1\frac{1}{4}$	8	32000	70500	$12\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{3}{8}$	$3\frac{1}{2}$	$3\frac{1}{4}$	35.9

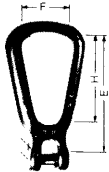


W.J. KEATING LIMITED

GRADE 80 CHAIN ACCESSORIES

PEAR SHAPE MASTER LINK

for Single Leg and reevable Collar Slings – drop forged – heat treated

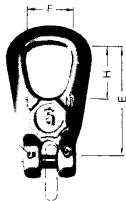


Part No.	Nominal Size	Trade Size		Working Load Limit		E	F	H	Weight each
		mm	inch	kg	pounds	inch	inch	inch	pounds
091-0009	8-8	8	$\frac{5}{16}$	2 000	4 400	$3\frac{1}{4}$	$1\frac{1}{4}$	$2\frac{1}{32}$	.59
091-0027	10-8	10	$\frac{3}{8}$	3 200	7 000	5	2	4	1.87
091-0045	13-8	13	$\frac{1}{2}$	5 000	11 000	$6\frac{1}{4}$	$2\frac{3}{8}$	$4\frac{3}{4}$	3.52
091-0063	16-8	16	$\frac{5}{8}$	8 000	17 600	$7\frac{1}{2}$	$3\frac{1}{8}$	$5\frac{1}{2}$	6.60
091-0081	18-8	18	$\frac{3}{4}$	10 000	22 000	$9\frac{1}{4}$	4	$6\frac{1}{8}$	12.65
091-0107	22-8	22	$\frac{7}{8}$	15 000	33 000	10	$4\frac{3}{8}$	$7\frac{3}{4}$	16.50

LOW HEIGHT MASTER LINK

for Double Leg Sling – drop forged – heat treated

Patent No. 2411725

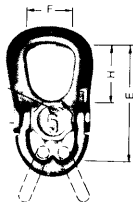


Part No.	Nominal Size	Trade Size		Working Load Limit		E	F	H	Weight each
		mm	inch	kg	pounds	inch	inch	inch	pounds
091-0125	10-8	10	$\frac{3}{8}$	3 200	7 000	$4\frac{3}{4}$	2	$2\frac{1}{4}$	2.42
091-0143	13-8	13	$\frac{1}{2}$	5 000	11 000	$4\frac{15}{16}$	$2\frac{1}{8}$	$2\frac{9}{16}$	3.75
091-0161	16-8	16	$\frac{5}{8}$	8 000	17 600	$6\frac{5}{16}$	$2\frac{7}{8}$	$3\frac{1}{2}$	6.60
091-0189	18-8	18	$\frac{3}{4}$	10 000	22 000	$7\frac{1}{16}$	$3\frac{1}{8}$	$4\frac{1}{4}$	9.35

DOUBLE LEG LOW HEIGHT MASTER LINK

for Single Leg Sling – drop forged – heat treated

Patent No. 2411725



Part No.	Nominal Size (2-legs)	Trade Size		Working Load Limit		E	F	H	Weight each
		mm	inch	kg	pounds	inch	inch	inch	pounds
091-0205	10-8	10	$\frac{3}{8}$	3 200	7 000	$4\frac{5}{8}$	2	$2\frac{1}{4}$	2.64
091-0223	13-8	13	$\frac{1}{2}$	5 000	11 000	5	$2\frac{1}{8}$	$2\frac{9}{16}$	3.52
091-0241	16-8	16	$\frac{5}{8}$	8 000	17 600	$6\frac{1}{8}$	$2\frac{7}{8}$	$3\frac{3}{8}$	6.15
091-0269	18-8	18	$\frac{3}{4}$	10 000	22 000	$6\frac{7}{8}$	$3\frac{1}{8}$	$4\frac{1}{4}$	7.70

* Working Load Limit for 60° inclination <

EYE SAFETY HOOK

drop forged – heat treated



Part No.	Nominal Size	Trade Size		Working Load Limit		E	D	G	Weight each
		mm	inch	kg	pounds	inch	inch	inch	pounds
091-0287	2	10	$\frac{3}{8}$	3 200	7 000	$6\frac{7}{8}$	$1\frac{3}{16}$	$1\frac{1}{4}$	2.64
091-0303	4	16	$\frac{5}{8}$	8 000	17 600	$7\frac{1}{4}$	$1\frac{5}{8}$	$2\frac{3}{32}$	7.70

CLEVIS SAFETY HOOK

with pin coupline – drop forged – heat treated



Part No.	Nominal Size	Trade Size		Working Load Limit		E	G	H	C	Weight each
		mm	inch	kg	pounds	inch	inch	inch	inch	pounds
091-0321	10-8	10	$\frac{3}{8}$	3 200	7 000	$4\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{15}{16}$	2.53
091-0367	16-8	16	$\frac{5}{8}$	8 000	17 600	$7\frac{1}{8}$	$1\frac{7}{8}$	$1\frac{5}{8}$	$1\frac{5}{16}$	8.47



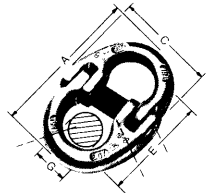
W.J. KEATING LIMITED

735 AVOCA AVENUE, DORVAL, QUE., CANADA, H9P 1G4 TEL. 514-631-9815 TELEX 05-822633

GRADE 80 CHAIN ACCESSORIES

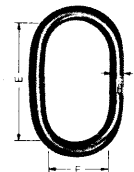
CHAIN CONNECTOR

drop forged - heat treated



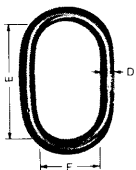
Part No.	Nominal Size	Trade Size		Working Load Limit		E	A	C	G	Weight each
		mm	inch	kg	pounds	inch	inch	inch	inch	
091-1080										
091-1099	6-8	6	$\frac{7}{32}$	1 120	2 470	$1\frac{3}{4}$	$2\frac{5}{16}$	$1\frac{9}{16}$	$\frac{5}{8}$	.26
091-1106	8-8	8	$\frac{5}{16}$	2 000	4 400	$2\frac{1}{16}$	$2\frac{3}{4}$	$1\frac{25}{32}$	$1\frac{1}{16}$	.42
091-1115	10-8	10	$\frac{3}{8}$	3 200	7 000	$2\frac{3}{4}$	$3\frac{9}{16}$	$2\frac{1}{4}$	$\frac{7}{8}$	.68
091-1124	13-8	13	$\frac{1}{2}$	5 000	11 000	$3\frac{1}{2}$	$4\frac{5}{8}$	$2\frac{25}{32}$	1	1.32
091-1133	16-8	16	$\frac{5}{8}$	8 000	17 600	4	$5\frac{5}{16}$	$3\frac{25}{32}$	$1\frac{1}{4}$	2.09
091-1142	18/20-8	18/20	$\frac{3}{4}$	12 500	27 500	$4\frac{3}{8}$	$6\frac{1}{8}$	4	$1\frac{1}{2}$	3.52
091-1151	22-8	22	$\frac{7}{8}$	15 000	33 000	$5\frac{3}{16}$	$7\frac{3}{16}$	$4\frac{7}{16}$	$1\frac{3}{4}$	5.06
091-1160	26-8	26	1	20 000	44 000	$5\frac{7}{8}$	$8\frac{1}{16}$	$4\frac{15}{16}$	2	7.37
091-1179	32-8	32	$1\frac{1}{4}$	32 000	70 500	$6\frac{5}{8}$	$9\frac{1}{4}$	$5\frac{3}{4}$	$2\frac{7}{16}$	11.66

MASTER OBLONG LINK FOR SINGLE LEG SLINGS



Part No.	Nominal Size	Trade Size		Working Load Limit		E	F	D	Weight each
		mm	inch	kg	pounds	inch	inch	inch	
091-1188									
091-1197	6-8	6	$\frac{7}{32}$	1 600	3 500	$4\frac{3}{8}$	$2\frac{3}{8}$	$\frac{1}{2}$	.77
091-1204	8-8	8	$\frac{5}{16}$	2 800	6 200	$5\frac{3}{8}$	3	$\frac{11}{16}$	1.85
091-1213	10-8	10	$\frac{3}{8}$	4 500	9 900	$6\frac{1}{4}$	$3\frac{1}{2}$	$\frac{7}{8}$	3.30
091-1222	13-8	13	$\frac{1}{2}$	7 100	15 600	7	4	1	5.15
091-1231	16-8	16	$\frac{5}{8}$	11 200	24 700	8	$4\frac{3}{8}$	$1\frac{1}{4}$	8.80
091-1240	18-8	18	$\frac{3}{4}$	14 000	30 800	$10\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{3}{8}$	14.2
091-1259	20-8	20	$\frac{3}{4}$	18 000	39 600	12	$6\frac{1}{4}$	$1\frac{1}{2}$	19.8
091-1268	22-8	22	$\frac{7}{8}$	21 200	46 700	$13\frac{1}{2}$	7	$1\frac{3}{4}$	28.4
091-1277	26-8	26	1	28 000	61 600	$13\frac{3}{4}$	$7\frac{1}{2}$	2	38.3
091-1286	28-8	28	$1\frac{1}{8}$	35 500	78 200	$13\frac{3}{4}$	$7\frac{1}{2}$	2	38.3
091-1295	32-8	32	$1\frac{1}{4}$	40 000	88 000	$15\frac{3}{4}$	8	$2\frac{1}{4}$	53.9
091-1302	36-8	36	$1\frac{3}{8}$	50 000	110 100	17	$8\frac{3}{4}$	$2\frac{1}{2}$	70.5
091-1311	40-8	40	$1\frac{1}{2}$	63 000	138 700	18	10	$2\frac{3}{4}$	101.3
091-1320	45-8	45	$1\frac{3}{4}$	80 000	176 200	$19\frac{3}{4}$	$10\frac{5}{8}$	$3\frac{1}{8}$	136.5
091-1339	50-8	50	2	100 000	220 200	$19\frac{3}{4}$	$10\frac{5}{8}$	$3\frac{1}{2}$	175.0
091-1348	56-8	56	$2\frac{1}{4}$	125 000	275 200	$21\frac{5}{8}$	$11\frac{3}{4}$	4	226.6

MASTER OBLONG LINK FOR DOUBLE LEG SLINGS



Part No.	Nominal Size	Trade Size		Working Load Limit		E	F	D	Weight each
		mm	inch	kg	pounds	inch	inch	inch	
091-1357	6-8	6	$\frac{7}{32}$	1 120	2 470	$4\frac{3}{8}$	$2\frac{3}{8}$	$\frac{1}{2}$	.77
091-1366	8-8	8	$\frac{5}{16}$	2 000	4 400	$4\frac{3}{8}$	$2\frac{3}{8}$	$\frac{9}{8}$	1.19
091-1375	10-8	10	$\frac{3}{8}$	3 200	7 000	$5\frac{3}{8}$	3	$\frac{11}{16}$	1.85
091-1384	13-8	13	$\frac{1}{2}$	5 000	11 000	$6\frac{1}{4}$	$3\frac{1}{2}$	$\frac{7}{8}$	3.30
091-1393	16-8	16	$\frac{5}{8}$	8 000	17 600	7	4	1	5.15
091-1400	18-8	18	$\frac{3}{4}$	10 000	22 000	8	$4\frac{3}{8}$	$1\frac{1}{4}$	8.80
091-1419	20-8	20	$\frac{3}{4}$	12 500	27 500	$10\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{3}{8}$	14.2
091-1428	22-8	22	$\frac{7}{8}$	15 000	33 000	$10\frac{1}{4}$	$5\frac{1}{2}$	$1\frac{3}{8}$	14.2
091-1437	26-8	26	1	20 000	44 000	$13\frac{1}{2}$	7	$1\frac{3}{4}$	28.4
091-1446	28-8	28	$1\frac{1}{8}$	25 000	55 100	$13\frac{1}{2}$	7	$1\frac{3}{4}$	28.4
091-1455	32-8	32	$1\frac{1}{4}$	32 000	70 500	$13\frac{3}{4}$	$7\frac{1}{2}$	2	38.3
091-1464	36-8	36	$1\frac{3}{8}$	40 000	88 100	$15\frac{3}{4}$	8	$2\frac{1}{4}$	53.9
091-1473	40-8	40	$1\frac{1}{2}$	50 000	110 100	17	$8\frac{3}{4}$	$2\frac{1}{2}$	70.5
091-1482	45-8	45	$1\frac{3}{4}$	63 000	138 700	18	10	$2\frac{3}{4}$	101.3
091-1491	50-8	50	2	80 000	176 200	$19\frac{3}{4}$	$10\frac{5}{8}$	$3\frac{1}{8}$	136.5
091-1507	56-8	56	$2\frac{1}{4}$	100 000	220 200	$19\frac{3}{4}$	$10\frac{5}{8}$	$3\frac{1}{2}$	175.0



W.J. KEATING LIMITED

TURNBUCKLES

K-1064



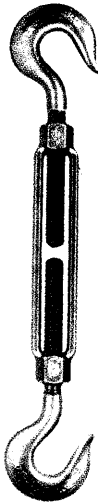
**HOOK
AND EYE**
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 6

K-1065



EYE & EYE
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 4

K-1066



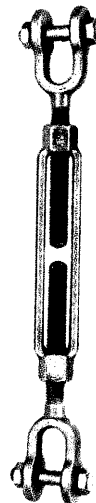
**HOOK &
HOOK**
Meets Federal
Specifications,
FF-T-791b
Type 1 Form
1 — CLASS 5

K-1067



JAW & EYE
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 8

K-1068



**JAW &
JAW**
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 7

Diameter And Take Up Inches	Average Overall With Ends In Closed Position Inches	WEIGHT POUNDS EACH		
		with Eyes or Hooks	Jaw and Eye	Jaw and Jaw
1/4 x 4	8 1/4	.30	.32	.36
5/16 x 4 1/2	9 9/16	.63	.47	.52
3/8 x 6	11 7/8	.75	.76	.81
1/2 x 6	13 5/16	1.60	1.53	1.50
9	16 5/16	1.83	1.71	1.74
12	19 5/16	2.25	2.06	2.40
5/8 x 6	15 1/2	2.75	2.35	3.02
9	18 1/2	3.13	3.06	2.88
12	21 1/2	3.50	3.78	4.00
3/4 x 6	17	3.89	4.00	4.11
9	20	4.61	4.75	5.10
12	23	5.43	5.36	5.65
18	29	7.25	7.00	7.00
7/8 x 12	24 5/8	8.10	8.00	8.17
18	30 5/8	9.25	9.75	9.13
1 x 6	20 5/8	9.33	9.00	9.75
12	26 5/8	11.93	11.20	12.00
18	32 5/8	14.00	13.30	14.00
24	38 5/8	17.25	17.00	17.00
1 1/4 x 12	29 7/8	18.00	20.00	21.50
18	35 7/8	23.00	24.18	25.25
24	41 7/8	27.00	27.50	28.00
1 1/2 x 12	32 3/8	27.50	28.50	30.05
18	38 3/8	31.00	35.00	34.25
24	44 3/8	37.50	38.73	40.67
1 3/4 x 18	41 3/4	52.50	53.75	55.04
24	47 3/4	58.00	61.00	63.36
2 x 24	51 3/4	85.25	89.00	94.00
2 1/2 x 24	58 1/2	144.25	150.00	165.00
2 3/4 x 24	61 1/2	194.00	183.00	198.00

Hot dip galvanized Lock
Nuts available for all sizes

All dimensions approxi-
mate and subject to minor
changes without notice.



W.J. KEATING LIMITED

TURNBUCKLES

K-1064



HOOK
AND EYE
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 6

K-1065



EYE & EYE
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 4

K-1066



HOOK &
HOOK
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 5

K-1067



JAW & EYE
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 8

K-1068



JAW &
JAW
Meets Federal
Specifications
FF-T-791b
Type 1 Form
1 — CLASS 7

Diameter And Take Up Inches	Hook & Eye	Eye & Eye	Hook & Hook	Jaw & Eye	Jaw & Jaw
$\frac{1}{4} \times 4$	903-0636	903-1252	903-0011	903-1877	903-2493
$\frac{5}{16} \times 4\frac{1}{2}$	903-0654	903-1270	903-0039	903-1895	903-2518
$\frac{3}{8} \times 6$	903-0672	903-1298	903-0057	903-1911	903-2536
$\frac{1}{2} \times 6$	903-0690	903-1314	903-0075	903-1939	903-2554
9	903-0716	903-1332	903-0093	903-1957	903-2572
12	903-0734	903-1350	903-0119	903-1975	903-2590
$\frac{5}{8} \times 6$	903-0752	903-1378	903-0137	903-1993	903-2616
9	903-0770	903-1396	903-0155	903-2019	903-2634
12	903-0798	903-1412	903-0173	903-2037	903-2652
$\frac{3}{4} \times 6$	903-0814	903-1430	903-0191	903-2055	903-2670
9	903-0832	903-1458	903-0217	903-2073	903-2698
12	903-0850	903-1476	903-0235	903-2091	903-2714
18	903-0878	903-1494	903-0253	903-2117	903-2732
$\frac{7}{8} \times 12$	903-0896	903-1519	903-0271	903-2135	903-2750
18	903-0912	903-1537	903-0299	903-2153	903-2778
1 x 6	903-0930	903-1555	903-0315	903-2171	903-2796
12	903-0958	903-1573	903-0333	903-2199	903-2812
18	903-0976	903-1591	903-0351	903-2215	903-2830
24	903-0994	903-1617	903-0379	903-2233	903-2858
$1\frac{1}{4} \times 12$	903-1010	903-1635	903-0397	903-2251	903-2876
18	903-1038	903-1653	903-0413	903-2279	903-2894
24	903-1056	903-1671	903-0431	903-2297	903-2910
$1\frac{1}{2} \times 12$	903-1074	903-1699	903-0459	903-2313	903-2938
18	903-1092	903-1715	903-0477	903-2331	903-2956
24	903-1118	903-1733	903-0495	903-2359	903-2974
$1\frac{3}{4} \times 18$		903-1779		903-2395	903-3018
24		903-1797		903-2411	903-3036
2 x 24		903-1813		903-2439	903-3054
$2\frac{1}{2} \times 24$		903-1831		903-2457	903-3072
$2\frac{3}{4} \times 24$		903-1859		903-2475	903-3090

Hot dip galvanized Lock
Nuts available for all sizes

All dimensions approxi-
mate and subject to minor
changes without notice.



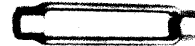
TURNBUCKLES



STUB END **K-1071**

Meets Federal Specifications
FF-T-791b Type 1 Form 1 —
CLASS 3

Part No. Stub End	Diameter and Takeup Inches	Stub End Weight Pounds, Each
903-3107	* $\frac{1}{4}$ x 4	.28
903-3125	* $\frac{5}{16}$ x $4\frac{1}{2}$	.50
903-3143	* $\frac{3}{8}$ x 6	.75
903-3161	$\frac{1}{2}$ x 6	1.25
903-3189	$\frac{1}{2}$ x 9	1.50
903-3205	$\frac{1}{2}$ x 12	1.75
903-3223	$\frac{5}{8}$ x 6	2.00
903-3241	$\frac{5}{8}$ x 9	2.50
903-3269	$\frac{5}{8}$ x 12	3.08
903-3287	$\frac{3}{4}$ x 6	3.25
903-3303	$\frac{3}{4}$ x 9	4.00
903-3321	$\frac{3}{4}$ x 12	4.68
903-3349	$\frac{3}{4}$ x 18	5.74
903-3367	$\frac{7}{8}$ x 6	4.78
903-3385	$\frac{7}{8}$ x 12	6.35
—	$\frac{7}{8}$ x 18	8.30
903-3429	1 x 6	6.33
903-3447	1 x 12	8.93
903-3465	1 x 18	11.33
903-3483	1 x 24	14.53



BODY ONLY **K-1072**

Meets Federal Specifications
FF-T-791b Type 1 Form 1 —
CLASS 2

Part No. Stub End	Diameter and Takeup Inches	Stub End Weight Pounds, Each
903-3508	$1\frac{1}{8}$ x 6	8.88
903-3526	$1\frac{1}{4}$ x 6	10.18
903-3544	$1\frac{1}{4}$ x 12	13.60
—	$1\frac{1}{4}$ x 18	17.50
—	$1\frac{1}{4}$ x 24	21.87
903-3606	$1\frac{3}{8}$ x 6	13.87
903-3624	$1\frac{1}{2}$ x 6	15.09
903-3642	$1\frac{1}{2}$ x 12	20.44
—	$1\frac{1}{2}$ x 18	25.50
—	$1\frac{1}{2}$ x 24	30.00
903-3722	$1\frac{5}{8}$ x 6	19.64
903-3740	$1\frac{3}{4}$ x 6	22.25
—	$1\frac{3}{4}$ x 18	35.78
—	$1\frac{3}{4}$ x 24	43.90
903-3802	2 x 6	31.00
—	2 x 24	60.30
903-3848	$2\frac{1}{2}$ x 6	61.50
—	$2\frac{1}{2}$ x 24	110.00
—	$2\frac{3}{4}$ x 24	128.00

(Hot Dip Galvanized) available upon request.

When Ordering Turnbuckles Be Sure to Specify:

- 1st — Diameter of thread.
- 2nd — Length of take-up.
- 3rd — Figure number which will designate the type of end fitting desired.

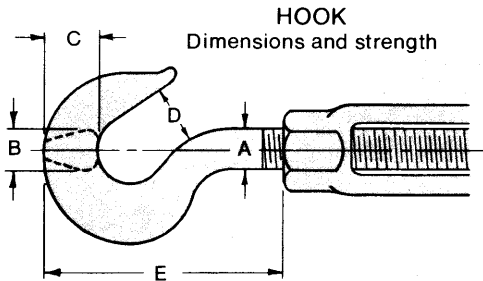
All dimensions approximate and subject to minor changes without notice.



W.J. KEATING LIMITED

TURNBUCKLE SPECIFICATIONS

Proof Load twice Safe Working Load • Ultimate Load five times Safe Working Load.

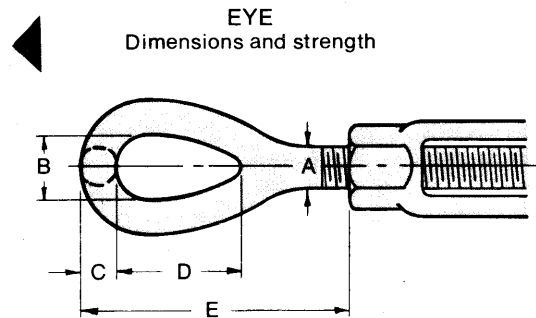


HOOK

Dimensions and strength

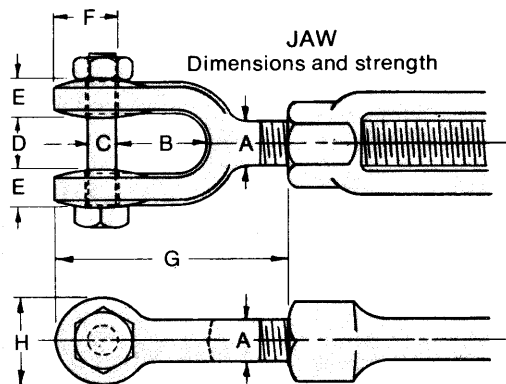
HOOK DIMENSIONS IN INCHES					Safe Working Load Lbs.
A	B	C	D	E	
1/4	1/4	13/32	29/64	12 1/32	400
5/16	5/16	1/2	1/2	13 1/32	700
3/8	3/8	39/64	9/16	23 3/64	1,000
1/2	1/2	25/32	21/32	21 5/16	1,500
5/8	5/8	1	27/32	31 1/16	2,250
3/4	3/4	1 13/64	63/64	43 3/64	3,000
7/8	7/8	1 7/8	1 1/8	53 1/6	4,000
1	1	1 17/32	1 1/4	52 7/32	5,000
1 1/4	1 1/4	1 13/16	1 1/2	7 7/32	5,000
1 1/2	1 5/16	1 3/4	1 7/8	8 11/32	7,500

EYE DIMENSIONS IN INCHES					Safe Working Load Lbs.
A	B	C	D	E	
1/4	1 1/32	7/32	25/32	12 5/32	500
5/16	7/16	9/32	15/16	23/16	800
3/8	1 1/32	1 1/32	1 1/8	2 9/16	1,200
1/2	23/32	7/16	17/16	3 7/32	2,200
5/8	7/8	1/2	1 3/4	3 7/8	3,500
3/4	1	5/8	2 1/8	4 11/16	5,200
7/8	1 1/4	3/4	2 3/8	5 1/4	7,200
1	1 7/16	7/8	3	6 3/8	10,000
1 1/4	1 13/16	1 1/8	3 9/16	7 3/4	15,200
1 1/2	2 1/8	1 1/4	4 1/8	8 5/8	21,400
1 3/4	2 3/8	1 1/2	4 11/16	10	28,000
2	2 11/16	1 3/4	5 3/4	12 1/8	37,000
2 1/2	3 1/8	2	6 1/2	13 9/16	60,000
2 3/4	3 1/4	2 1/4	7	15	75,000



EYE

Dimensions and strength



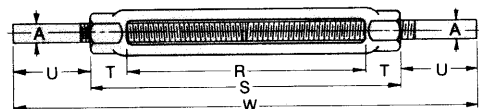
JAW

Dimensions and strength

JAW DIMENSIONS IN INCHES								Safe Working Load Lbs.
A	B	C	D	E	F	G	H	
1/4	5/8	1/4	13/32	9/32	1/2	1 5/8	5/8	500
5/16	7/8	1/4	15/32	9/32	1/2	2	1 1/16	800
3/8	7/8	5/16	1/2	5/16	19/32	2 3/16	13/16	1,200
1/2	1 1/16	3/8	5/8	13/32	3/4	2 3/4	1	2,200
5/8	1 5/16	1/2	3/4	1/2	1 1/32	3 1/2	1 5/16	3,500
3/4	1 1/2	5/8	15/16	9/16	1 9/32	4 1/8	1 5/8	5,200
7/8	1 3/4	3/4	1 1/8	1 1/8	1 15/32	4 27/32	1 7/8	7,200
1	2 1/16	7/8	1 1/8	25/32	1 1/2	5 17/32	2 1/8	10,000
1 1/4	2 13/16	1 1/8	1 3/4	1	2 3/32	7 3/16	2 5/8	15,200
1 1/2	2 13/16	1 3/8	2 1/16	1 1/16	2 15/32	7 7/8	3 3/8	21,400
1 3/4	3 3/8	1 5/8	2 3/8	1 1/4	2 29/32	9 3/8	3 1/2	28,000
2	3 11/16	2	2 1/2	1 9/16	3 17/32	10 7/8	4 3/16	37,000
2 1/2	4 7/16	2 1/4	2 7/8	1 9/16	4 5/8	13 11/32	5 5/8	60,000
2 3/4	4 3/16	2 3/4	3 1/2	1 5/8	5 3/8	15	6 1/8	75,000

STUB END DIMENSIONS IN INCHES						Safe Working Load Lbs.
A	R	S	T	U	W	
1/4	4	4 3/4	3/8	2 5/8	10	500
5/16	4 1/2	5 7/16	15/32	2 21/32	10 3/4	800
3/8	6	7 1/8	9/16	4 7/16	16	1,200
1/2	6	7 1/2	3/4	4 1/4	16	2,200
5/8	6	7 7/8	15/16	4 11/16	16	3,500
3/4	6	8 1/4	1 1/8	4 3/8	17	5,200
7/8	6	8 5/8	1 5/16	4 11/16	18	7,200
1	6	9	1 1/2	5	19	10,000
1 1/8	6	9 1/8	1 9/16	4 15/16	19	12,400
1 1/4	6	9 1/8	1 9/16	5 1/16	20	15,200
1 3/8	6	9 3/4	1 7/8	5 3/8	20 1/2	18,000
1 1/2	6	9 3/4	1 7/8	5 3/8	20 1/2	21,400
1 5/8	6	10 3/8	2 3/16	5 5/16	21	25,000
1 3/4	6	10 3/8	2 3/16	5 13/16	22	28,000
2	6	11	2 1/2	6	23	37,000
2 1/2	6	13 1/2	3 3/4	6 1/4	26	60,000
2 3/4	24	31 1/2	3 3/4	6 1/2	44 1/2	75,000

STUB END TURNBUCKLES
Dimensions and strength

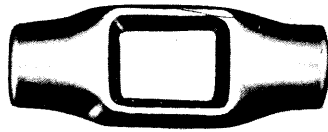


Dimension "W" figured with stubs screwed in as shown. To determine overall length of longer takeup turnbuckles add the difference in takeup.

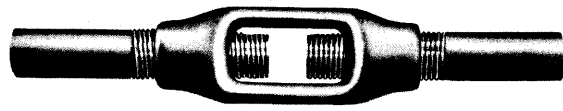
All dimensions approximate and subject to minor changes without notice



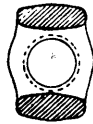
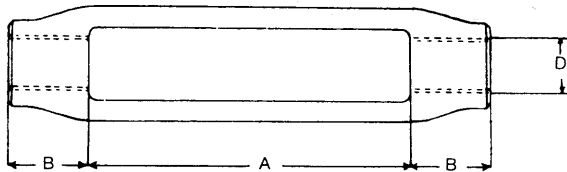
W.J. KEATING LIMITED



WITHOUT STUBS



WITH STUB ENDS



NOTE: Furnished with hexhead ends, sizes through 1-3/4", round head ends, sizes 2" and larger. 6" openings are considered standard and will be furnished unless otherwise specified.

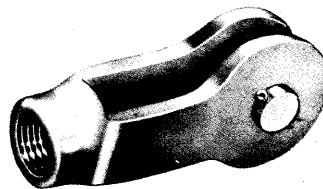
Turnbuckles are drop-forged from special bar quality steel, threaded right and left hand UNC Class 2B, and supplied with either self-colored or hot-dip galvanized finish. Galvanizing meets or exceeds requirements of ASTM Specification A153. Stubs are made from Hot Rolled, Mild Carbon Steel.

Above maximum working loads based on C 1035 steel

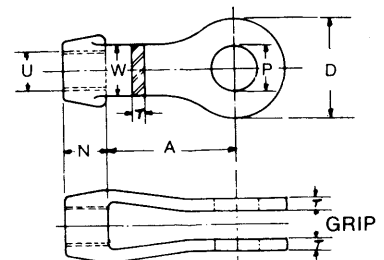
	Thread Diameter Inches D	Take-up A	Max. Working Load, Kips	Weight per 100		Length of one Stub-Inches	B
				With Stubs	Without Stubs		
091-9000	1-1/2	x 36	21.0	4584	2304	25-1/2	1-7/8
091-9028	1-5/8	x 6	24.5	1950	750	11	2-1/4
091-9046	1-3/4	x 6	28.3	2334	950	11	2-1/4
091-9064	1-3/4	x 12	28.3	3200	1300	14	2-1/4
091-9082	2	x 6	37.2	3050	1150	11-1/2	2-3/4
091-9108	2	x 12	37.2	4025	1525	14-1/2	2-3/4
091-9126	2	x 24	37.2	6088	2520	20-1/2	2-3/4
091-9144	2-1/8	x 6	42.0	4030	1800	12	2-3/8
091-9019	2-1/4	x 6	48.0	4350	1800	12	3-3/8
091-9037	2-3/8	x 6	52.5	5315	2325	13	3-3/4
091-9055	2-1/2	x 6	60.0	5675	2325	13	3-3/4
091-9073	2-1/2	x 12	60.0	7276	3092	16	3-3/4
091-9091	2-5/8	x 6	65.5	6980	3150	13-1/2	4-1/8
091-9117	2-3/4	x 6	75.0	7380	3150	13-1/2	4-1/8
091-9135	2-7/8	x 6	79.4	8710	3950	14	4-1/2
091-9153	3	x 6	96.7	9270	3950	14	4-1/2
091-9171	3	x 12	96.7	11532	5106	17	4-1/2
091-3006	3	x 24	96.7	16253	7415	23	4-1/2
091-3024	3-1/4	x 6	104.0	12850	6050	15-1/2	5-1/4
091-3042	3-1/4	x 9	104.0	14500	7000	17	5-1/4
091-3060	3-1/4	x 12	104.0	16373	7678	18-1/2	5-1/4
091-3088	3-1/2	x 6	122.2	13950	6050	15-1/2	5-1/4
091-3104	3-1/2	x 9	122.2	15660	7000	17	5-1/4
091-3122	3-1/2	x 12	122.2	17216	7678	18-1/2	5-1/4
091-3140	4	x 6	167.8	22200	9500	16-1/2	6
091-3168	4-1/2	x 9	233.8	32300	15200	19	6-3/4



WITHOUT PIN



WITH PIN & COTTER



Grip equals thickness of attaching plate plus 1/4"

TABLE I
STANDARD CLEVIS DIMENSIONS—Inches

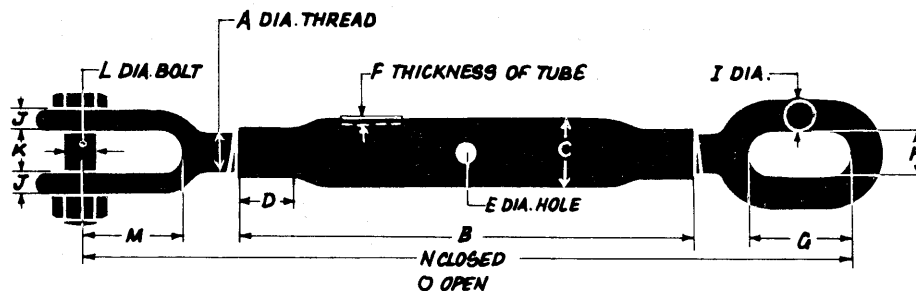
	Clevis No.	D	N	U Max.	W	Tolerance	A	P Max.	Max. Working Load, Kips	Wgt. Each Lbs.
089-0888	2	1 1/8	3/4	3/4	1 1/8	3/16 + 1/32 - 0	3 3/4	3/4	3.5	1
089-0897	2 1/2	2 1/2	1 1/4	1 1/4	1 1/4	3/16 + 1/32 - 0	4	1 1/2	7.5	2 1/2
089-0904	3	3	1 3/4	1 3/4	1 1/2	1/2 + 1/32 - 0	5	1 3/4	15	4
089-0913	3 1/2	3 1/2	1 3/4	1 3/4	1 3/4	1/2 + 1/16 - 0	6	2	18	6
089-0842	4	4	1 3/4	1 3/4	2	1/2 + 1/16 - 0	6	2 1/4	21	8
089-4740	5	5	2 1/4	2 1/4	2 1/2	3/4 + 1/16 - 0	7	2 1/2	37.5	16
089-4768	6	6	2 3/4	2 3/4	3	3/4 + 1/32 - 0	8	3	54	26
089-4786	7	7	3	3	3 1/2	3/4 + 1/16 - 0	9	3 3/4	68.5	36
089-4802	8	8	4	4	4	1 1/2 + 1/16 - 0	10	4 1/4	135	90

NOTE: In ordering be sure to state size of tap, whether R.H. or L.H., size of pin or pinhole, and size of grip opening. Also advise if pins and cotters required.

Weights and dimensions of clevises are Cleveland City Forge Standard recommended by the American Institute of Steel Construction.



RIGGING SCREWS



IMPERIAL DIMENSIONS IN INCHES
METRIC DIMENSIONS IN MILLIMETRES

JAW AND JAW— K-1139
EYE AND EYE— K-1140
EYE AND JAW— K-1141

Dia. Screw A in" mm	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Wt Kg
1/4 6	4 102	1 1/16 17	1/2 13	1/4 6	11swg 14	9/16 14	5/16 8	1/4 6	1/4 6	3/8 9	3/16 4	1 3/16 21	7 178	10 254	.1
5/16 8	5 127	1 1/16 17	1/2 13	1/4 6	11swg 19	3/4 19	5/16 8	5/16 8	1/4 6	3/8 9	1/4 6	1 3/16 21	8 203	12 305	.2
3/8 10	6 152	2 7/32 21	5/8 16	3/16 8	10swg 25	1 25	7/16 11	3/16 8	5/16 8	7/16 11	5/16 8	3/4 19	9 1/4 235	13 3/4 349	.3
1/2 12	9 229	1 1/16 27	3/4 19	3/8 9	10swg 36	1 7/16 36	9/16 14	7/16 11	3/8 9	3/4 19	3/8 9	1 3/8 35	13 1/2 343	20 5/8 524	.8
5/8 16	9 229	1 1/16 27	7/8 22	7/16 11	10swg 41	1 5/8 41	5/8 16	9/16 14	3/8 9	7/8 22	1/2 13	2 51	15 381	21 5/8 550	1.4
3/4 20	9 229	1 1 1/32 34	1 1/8 28	7/16 11	8swg 51	2 51	7/8 22	5/8 16	7/16 11	7/8 22	5/8 16	1 7/8 48	15 1/4 387	21 5/8 550	1.93
7/8 22	12 305	1 1 1/16 42	1 1/4 32	1/2 13	8swg 51	2 51	7/8 22	5/8 16	1/2 13	1 25	3/4 19	2 1/2 63	18 3/4 476	27 5/8 702	3.5
1 24	14 356	1 1 1/16 42	1 1/4 32	1/2 13	8swg 57	2 1/4 57	1 25	3/4 19	9/16 14	1 1/4 32	7/8 22	2 1/2 63	21 7/8 556	32 3/8 822	4.1
1 1/8 27	14 356	1 7/8 48	1 5/8 41	1/2 13	6swg 57	2 1/4 57	1 1/8 28	3/4 19	9/16 14	1 1/4 32	7/8 22	2 3/4 70	22 559	32 1/8 816	4.5
1 1/4 33	15 381	1 7/8 48	1 5/8 41	9/16 14	6swg 65	2 3/16 65	1 3/8 35	7/8 22	5/8 16	1 1/2 38	1 25	3 76	23 3/4 604	34 3/8 872	6.4
1 3/8 36	15 381	2 3/8 60	1 3/4 44	5/8 16	2 9/16 65	1 3/8 35	7/8 22	3/4 19	1 1/2 38	1 1/2 38	1 1/8 28	3 3/8 85	24 610	34 1/4 870	8.2
1 1/2 39	16 407	2 3/8 60	1 3/4 44	5/8 16	2 1 1/16 75	1 1/2 38	1 25	3/4 19	1 7/8 47	1 1/4 32	1 1/4 32	3 7/8 98	26 1/2 674	37 3/8 949	10.9
1 3/4 45	16 407	3 76	2 57	1 1/16 17	3 1/2 88	1 5/8 41	1 1/4 32	1 25	2 51	1 3/8 35	4 3/8 111	27 3/4 705	37 3/4 949	16.4	
2 48	16 407	3 76	2 3/4 70	3/4 19	4 8	1 3/4 44	1 1/2 38	1 25	2 51	1 5/8 41	4 3/4 121	29 1/4 743	38 1/2 977	21.8	
2 1/8 52	16 407	3 76	2 3/4 70	3/4 19	4 1/2 8	2 5/8 67	1 5/8 41	1 1/4 32	2 3/8 60	1 3/4 44	5 1/2 139	32 813	41 1041	25.5	
2 1/4 56	16 407	3 3/4 95	2 3/4 70	7/8 22	4 1/2 9	2 5/8 67	1 5/8 41	1 1/4 32	2 3/8 60	1 7/8 47	5 1/2 139	32 813	40 3/8 1025	31.8	
2 1/2 64	16 407	3 3/4 95	3 76	7/8 22	4 3/4 9	2 5/8 67	1 5/8 41	1 3/8 35	2 3/4 70	2 51	5 1/2 139	32 1/4 819	39 7/8 1013	40.9	
2 3/4 72	18 457	4 3/4 121	3 1/4 82	1 25	5 3/4 13	3 76	2 1/4 57	1 1/2 38	3 3/8 92	2 1/4 57	6 152	36 3/4 933	45 1/2 1180	59.1	
3 75	20 508	4 3/4 121	3 1/4 82	1 1/8 28	7 3/4 13	3 1/2 88	2 1/2 63	1 3/4 44	4 3/8 111	2 1/2 63	7 1/2 191	43 1092	53 1346	83.2	
3 1/4 82	20 508	4 3/4 121	3 1/4 82	1 1/8 28	7 3/4 13	3 1/2 88	2 1/2 63	1 3/4 44	4 3/8 111	2 3/4 70	7 1/2 191	43 1092	52 1/8 1324	85.5	
3 1/2 85	22 559	5 1/4 133	4 102	1 1/4 32	9 1/4 16	4 102	2 3/4 70	1 7/8 47	4 3/8 111	3 76	7 1/2 191	45 1/4 1149	55 1/2 1409	109	

Larger sizes available on request

Screw Threads, Whitworth, U.N.C., Metric or ACME



W.J. KEATING LIMITED

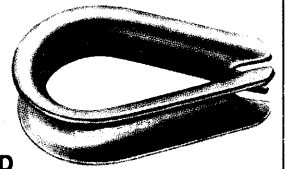
WIRE ROPE THIMBLES

STANDARD WIRE ROPE THIMBLES

Hot Dip Galvanized Steel

Part No.	For Rope Diam. Inches	DIMENSIONS IN INCHES						Weight Pounds Per 100
		Overall Length	Overall Width	Length Inside	Width Inside	Inside Width of Score	Max. Pin Diam.	
903-7256	1/8	1 15/16	1 1/16	1 5/16	1 1/16	5/32	5/8	1.50
903-7274	3/16	1 15/16	1 1/16	1 5/16	1 1/16	7/32	5/8	2.50
903-7292	1/4	1 15/16	1 1/16	1 5/16	1 1/16	9/32	5/8	3.75
903-7318	5/16	2 3/8	1 3/4	1 1/2	1 3/16	3/8	3/4	4.00
903-7336	3/8	2 3/8	1 15/32	1 5/8	1 5/16	7/16	7/8	6.25
903-7354	1/2	2 3/4	1 3/4	1 7/8	1 1/8	9/16	1 1/16	13.12
903-7372	5/8	3 1/2	2 3/8	2 1/4	1 3/8	1 1/16	1 1/4	36.00
903-7390	3/4	3 3/4	2 1 1/16	2 1/2	1 5/8	1 3/16	1 1/2	50.00
903-7416	7/8	5	3 3/16	3 1/2	1 7/8	1 5/16	1 3/4	85.00
903-7434	1	5 1 1/16	3 3/4	4 1/4	2 1/2	1 1/16	2 3/8	100.00
903-7452	1 1/8 - 1 1/4	6 1/4	4 5/16	4 1/2	2 3/4	1 5/16	2 5/8	175.00
903-7470	1 1/2	7 1/2	5 3/8	5	3 1/4	1 9/16	3 1/8	325.00
903-7498	1 3/4	10 3/4	7 1/4	7 1/4	4 1/4	1 7/8	4 1/8	575.00
903-7513	2	10 3/4	7 1/4	7 1/4	4 1/4	2 1/8	4 1/8	600.00

K-1028



STANDARD

Recommended for light service. Meets federal Specification FF-T-276b Type II.

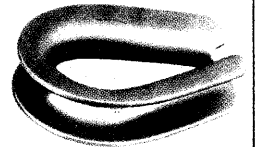
EXTRA HEAVY WIRE ROPE THIMBLES

Hot Dip Galvanized and Stainless Steel

Part No. Galvanized	Part No. Stainless Steel	For Rope Diam. Inches	DIMENSIONS IN INCHES						Weight Pounds Per 100
			Overall Length	Overall Width	Length Inside	Width Inside	Overall Thickness	Max. Pin Diam.	
903-7639	903-7960	1/4	2 3/16	1 1/2	1 5/8	7/8	13/32	1 3/16	6.25
903-7657	903-7988	5/16	2 1/2	1 13/16	1 7/8	1 1/16	1/2	1 5/16	12.50
903-7675	903-8004	3/8	2 7/8	2 1/8	2 1/8	1 1/8	2 1/32	1 1/16	25.00
903-7693	—	7/16	3 1/4	2 3/8	2 3/8	1 1/4	3/4	1 3/16	33.00
903-7719	903-8022	1/2	3 5/8	2 3/4	2 3/4	1 1/2	27/32	1 7/16	50.00
903-7737	—	9/16	3 5/8	2 11/16	2 3/4	1 1/2	29/32	1 7/16	51.00
903-7755	903-8040	5/8	4 1/4	3 1/8	3 1/4	1 3/4	1	1 5/8	75.00
903-7773	903-8068	3/4	5	3 13/16	3 3/4	2	1 1/4	1 7/8	145.00
903-7791	—	7/8	5 1/2	4 1/4	4 1/4	2 1/4	1 3/8	2 1/8	175.00
903-7817	—	1	6 1/8	4 15/16	4 1/2	2 1/2	1 9/16	2 3/8	275.00
903-7835	—	1 1/8 - 1 1/4	7	5 7/8	5 5/8	2 7/8	1 7/8	2 3/4	400.00
903-7853	—	1 1/4 - 1 3/8	9 1/16	6 13/16	6 1/2	3 1/2	2 1/4	3 1/4	817.00
903-7871	—	1 3/8 - 1 1/2	9	7 7/8	6 1/4	3 1/2	2 5/8	3 3/8	1,175.00
903-7899	—	1 5/8	11 1/4	8 1/8	8	4	2 3/4	3 7/8	1,700.00
903-7915	—	1 3/4	12 3/16	8 1/2	9	4 1/2	2 7/8	4 3/8	1,775.00
903-7933	—	1 7/8 - 2	15 1/8	10 3/8	12	6	3 1/8	5 7/8	2,500.00
903-7951	—	2 1/4	17 1/8	11 7/8	14	7	3 5/8	6 7/8	3,925.00

(STAINLESS STEEL)

K-1029



K-1030

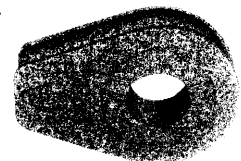
EXTRA HEAVY

A rugged rope thimble recommended for heavy duty service. Thimbles meet Federal Specification FF-T-276b Type III.

SOLID WIRE ROPE THIMBLES

Part No.	For Rope Diam. Inches	DIMENSIONS IN INCHES				Weight Pounds Each
		Overall Length	Overall Width	Thickness	Maximum Pin Diam.	
903-7121	1/2	2 13/16	2 1/8	7/8	1	.50
903-7149	5/8	4 11/16	3 3/8	1 1/8	1 3/16	2.25
903-7167	3/4	4 11/16	3 3/8	1 3/8	1 3/8	2.25
903-7185	7/8	6 1/16	4 1/2	1 5/8	1 5/8	6.00
903-7201	1	6 1/16	4 1/2	1 13/16	2	5.12
903-7229	1 1/8	7 1/4	5 3/8	2 1/16	2 1/4	10.00
903-7247	1 1/4 - 1 3/8	7 1/4	5 3/8	2 5/16	2 1/2	10.25

K-1034



SOLID

Fits open wire rope socket, boom pendant clevis.

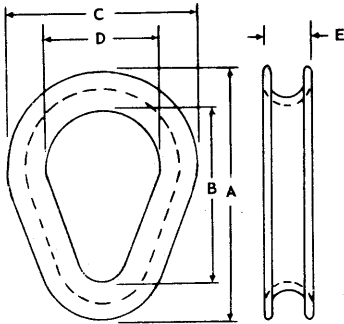
All dimensions approximate and subject to minor changes without notice.



W.J. KEATING LIMITED

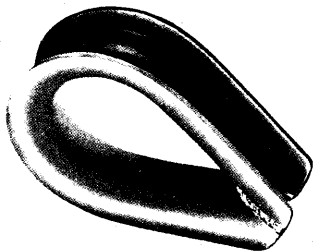
CAST STEEL

GALVANIZED HAWSER THIMBLE

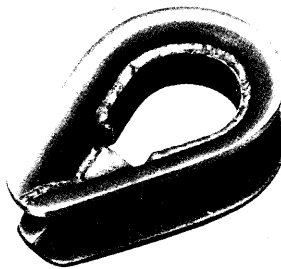


Stock No.	Rope Diam	A	B	C	D	E	F		WT. LBS.
086-5807	5/8-3/4	6-3/4	4-7/8	5	3	1-1/4	13/16	3/4	2-1/2
086-5825	7/8-1"	8-5/8	5-3/4	6-1/4	3-3/4	1-7/16	1-1/16	1	4-1/2
086-5843	1-1/8-1 1/4	10-1/8	6-3/4	7-1/4	4-1/4	1-11/16	1-5/16	1-1/4	9
086-5861	1 3/8-1 1/2	11-1/2	8	8-1/2	5	2-1/4	1-5/8	1-1/2	14
086-5889	1 5/8-1 3/4	12-1/2	8	9-3/4	5	2-1/2	1-7/8	1-3/4	20
086-5905	1-7/8-2"	14-3/4	9-1/4	11-1/4	5-3/4	2-3/4	2-3/16	2	30
086-7208	2-1/8-2 1/4	17	10-1/2	12-3/4	6-1/4	3-1/4	2-1/2	2-1/4	52
086-7226	2 3/8-2 1/2	21	14-1/2	15-1/2	9-1/2	3-3/4	2-3/4	2-1/2	80
086-7244	2 3/4-3"	21	14-1/8	16	9	4-1/4	3-1/4	.3	115
086-7262	4	24-1/8	.15	19-1/2	9-1/2	6	4-3/8	4	130
086-7280	4-1/2	36-3/4	26-1/2	25-1/4	13-3/4	6-13/16	4-15/16	4-1/2	250

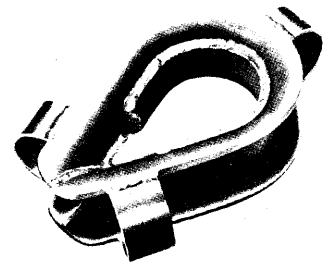
REINFORCED GALVANIZED HEAVY DUTY STEEL THIMBLES



K-3023
With Welded Point



K-3024
Reinforced



K-3025
Reinforced With
Keepers

Available for sizes 1 5/8" to 4" diameter rope.



K-3026

Galvanized cast steel thimbles suitable for multi-platted nylon ropes for single buoy moorings and towing assemblies. Prices on request.



W.J. KEATING LIMITED

BRONZE THIMBLES FOR PLASTIC ROPE



K-1073

MANUFACTURED ACCORDING TO SPECIFICATION

MIL-T-23326 (SHIPS)

DIMENSIONS AND DATA											
Part No.	Rope Circum.	Rope Dia.	A	B	C	D	G	H	T	Shackle Size	Est. Wt. lbs.
814-5781	1 ¹ / ₈ - 1 ¹ / ₄	3 ³ / ₈ - 7 ⁷ / ₈	7 ⁷ / ₈	1 ¹ / ₂	9 ⁹ / ₁₆	3 ³ / ₄	2 ¹ / ₁₆	2 ⁷ / ₁₆	3 ³ / ₃₂	3 ³ / ₈	.25
814-5790	1 ¹ / ₂ - 1 ³ / ₄	1 ¹ / ₂ - 9 ⁹ / ₁₆	1	1 ⁵ / ₈	1 ¹¹ / ₁₆	20 ²⁰ / ₃₂	2 ³ / ₈	2 ¹³ / ₁₆	7 ⁷ / ₆₄	3 ³ / ₈	.45
814-5794	2 - 2 ¹ / ₄	5 ⁵ / ₈ - 3 ³ / ₄	1 ¹ / ₈	2	7 ⁷ / ₈	1 ¹ / ₈	3 ¹ / ₈	3 ¹ / ₂	1 ¹ / ₈	1 ¹ / ₂	.60
814-5825	2 ¹ / ₂ - 2 ³ / ₄	13 ¹³ / ₁₆ - 15 ¹⁵ / ₁₆	1 ¹ / ₄	2 ³ / ₁₆	1 ¹ / ₁₆	1 ³ / ₈	3 ³ / ₄	4 ³ / ₁₆	5 ⁵ / ₃₂	5 ⁵ / ₈	.90
814-5827	3	1	1 ⁵ / ₈	2 ³ / ₄	1 ¹³ / ₁₆	1 ⁹ / ₁₆	4 ¹ / ₄	4 ¹¹ / ₁₆	3 ³ / ₁₆	3 ³ / ₄	1.6
814-5831	3 ¹ / ₂ - 3 ³ / ₄	1 ¹ / ₈ - 1 ¹ / ₄	1 ⁷ / ₈	3 ³ / ₁₆	1 ¹⁷ / ₁₆	1 ²⁷ / ₃₂	5 ¹ / ₁₆	5 ³ / ₁₆	13 ¹³ / ₆₄	7 ⁷ / ₈	1.9
814-5847	4	1 ⁵ / ₁₆	2 ¹ / ₈	3 ⁵ / ₈	1 ¹¹ / ₂	1 ¹⁵ / ₁₆	5 ¹ / ₂	5 ¹³ / ₁₆	7 ⁷ / ₃₂	7 ⁷ / ₈	2.6
814-5849	4 ¹ / ₂	1 ¹ / ₂	2 ³ / ₈	4 ¹ / ₁₆	1 ¹¹ / ₁₆	2 ⁵ / ₃₂	6 ¹ / ₄	6 ¹ / ₂	1 ¹⁵ / ₆₄	1	3.7
814-5851	5	1 ⁵ / ₈	2 ⁵ / ₈	4 ¹ / ₂	1 ¹³ / ₁₆	2 ⁵ / ₁₆	6 ³ / ₄	7 ¹ / ₁₆	1 ¹ / ₄	1 ¹ / ₈	4.8
814-5853	5 ¹ / ₂	1 ³ / ₄	2 ⁷ / ₈	4 ¹⁵ / ₁₆	2	2 ¹⁷ / ₃₂	7 ³ / ₈	7 ³ / ₄	1 ¹⁷ / ₆₄	1 ¹ / ₄	6.8
814-5855	6	2	3 ¹ / ₈	5 ³ / ₈	2 ¹ / ₄	2 ¹³ / ₁₆	8 ³ / ₈	8 ⁵ / ₈	9 ⁹ / ₃₂	1 ¹ / ₄	7.7
814-5856	6 ¹ / ₂	2 ¹ / ₈	3 ¹ / ₂	5 ¹³ / ₁₆	2 ³ / ₈	2 ³¹ / ₃₂	9	9 ¹ / ₈	1 ¹⁹ / ₆₄	1 ³ / ₈	9.5
814-5857	7	2 ¹ / ₄	3 ⁷ / ₈	6 ¹ / ₄	2 ¹ / ₂	3 ¹ / ₈	9 ³ / ₈	9 ⁵ / ₈	5 ⁵ / ₁₆	1 ¹ / ₂	11
814-5859	8	2 ⁵ / ₈	4 ³ / ₈	7	2 ⁷ / ₈	3 ⁵ / ₈	10 ⁵ / ₈	10 ³ / ₄	3 ³ / ₈	1 ⁵ / ₈	17
814-5860	9	3	4 ⁷ / ₈	8	3 ¹ / ₄	4 ¹ / ₈	11 ³ / ₄	12 ¹ / ₈	7 ⁷ / ₁₆	2	25



W.J. KEATING LIMITED

SPELTER SOCKETS

OPEN SPELTER SOCKETS

Forged Sockets $\frac{1}{8}$ " thru $\frac{2}{8}$ " available upon request
Alloy cast steel $\frac{1}{8}$ " thru 4". Hot Dipped Galvanized

Part No.	Wire Rope Diam. Inches	DIMENSIONS IN INCHES								Weight Pounds Each
		A	C	D	F	J	L	M	N	
903-9619	$\frac{1}{4}$	4.56	.69	.75	.38	2.25	1.56	1.31	.31	.75
903-9637	$\frac{5}{16}$ - $\frac{3}{8}$	4.88	.81	.88	.50	2.25	1.75	1.56	.44	1.30
903-9655	$\frac{7}{16}$ - $\frac{1}{2}$	5.56	1.00	1.00	.56	2.50	2.00	1.94	.50	2.25
903-9673	$\frac{9}{16}$ - $\frac{5}{8}$	6.75	1.25	1.19	.69	3.00	2.50	2.25	.56	4.00
903-9691	$\frac{3}{4}$	7.94	1.50	1.38	.81	3.50	3.00	2.63	.63	5.83
903-9717	$\frac{7}{8}$	9.25	1.75	1.63	.97	4.00	3.50	3.13	.75	9.85
903-9735	1	10.56	2.00	2.00	1.13	4.50	4.00	3.75	.88	15.25
903-9753	$1\frac{1}{8}$	11.81	2.25	2.25	1.25	5.00	4.50	4.13	1.00	21.50
903-9771	$1\frac{1}{4}$ - $1\frac{3}{8}$	13.19	2.50	2.50	1.50	5.50	5.00	4.75	1.13	31.00
903-9799	$1\frac{1}{2}$	15.12	3.00	2.75	1.63	6.00	6.00	5.38	1.19	47.25
903-9815	$1\frac{5}{8}$	16.25	3.00	3.00	1.75	6.50	6.50	5.75	1.31	60.00
903-9833	$1\frac{3}{4}$ - $1\frac{7}{8}$	18.25	3.50	3.50	2.00	7.50	7.00	6.50	1.56	84.00
903-9851	2- $2\frac{1}{8}$	21.50	4.00	3.75	2.25	8.50	9.00	7.00	1.81	125.00
903-9879	$2\frac{1}{4}$ - $2\frac{3}{8}$	23.50	4.50	4.25	2.56	9.00	10.00	7.75	2.13	167.00
904-1633	$2\frac{1}{2}$ - $2\frac{5}{8}$	25.50	5.00	4.75	2.88	9.75	10.75	8.50	2.38	252.00
904-1651	$2\frac{3}{4}$ - $2\frac{7}{8}$	27.25	5.25	5.00	3.12	11.00	11.00	9.00	2.88	315.00
904-1679	3- $3\frac{1}{8}$	29.00	5.75	5.25	3.38	12.00	11.25	9.50	3.00	380.00
904-1697	$3\frac{1}{4}$ - $3\frac{3}{8}$	30.88	6.25	5.50	3.62	13.00	11.75	10.00	3.12	434.00
904-1713	$3\frac{1}{2}$ - $3\frac{5}{8}$	33.25	6.75	6.00	3.88	14.00	12.50	10.75	3.25	563.00
904-1731	$3\frac{3}{4}$ -4	36.25	7.50	7.00	4.25	15.00	13.50	12.50	3.50	783.00

Heavy duty sockets available. Dimensions approximately one size larger than rope size specified.

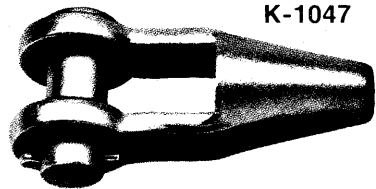
CLOSED SPELTER SOCKETS

Forged Sockets $\frac{1}{8}$ " thru $\frac{2}{8}$ " available upon request
Alloy cast steel $\frac{1}{8}$ " thru 4". Hot Dipped Galvanized

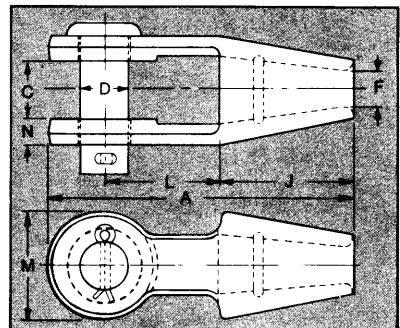
Part No.	Wire Rope Diam. Inches	DIMENSIONS IN INCHES								Weight Pounds Each
		A	B	C	D	F	J	K	L	
903-9897	$\frac{1}{4}$	4.56	.50	1.50	.81	.38	2.25	.50	1.81	.50
903-9913	$\frac{5}{16}$ - $\frac{3}{8}$	4.94	.62	1.69	.94	.50	2.25	.69	2.06	.75
903-9931	$\frac{7}{16}$ - $\frac{1}{2}$	5.50	.69	2.00	1.13	.56	2.50	.88	2.31	1.50
903-9959	$\frac{9}{16}$ - $\frac{5}{8}$	6.38	.81	2.63	1.38	.69	3.00	1.00	2.56	2.50
903-9977	$\frac{3}{4}$	7.63	1.06	3.00	1.63	.81	3.50	1.25	3.06	4.25
903-9995	$\frac{7}{8}$	8.88	1.31	3.63	1.88	.97	4.00	1.50	3.56	7.25
904-0019	1	10.00	1.44	4.13	2.25	1.13	4.50	1.75	4.06	10.50
904-0037	$1\frac{1}{8}$	11.13	1.56	4.50	2.50	1.25	5.00	2.00	4.56	14.25
904-0055	$1\frac{1}{4}$ - $1\frac{3}{8}$	12.31	1.69	5.00	2.75	1.50	5.50	2.25	5.13	19.75
904-0073	$1\frac{1}{2}$	14.13	3.00	5.38	3.13	1.63	6.00	2.50	6.13	28.00
904-0091	$1\frac{5}{8}$	15.38	2.13	5.75	3.25	1.75	6.50	2.75	6.75	38.25
904-0117	$1\frac{3}{4}$ - $1\frac{7}{8}$	17.50	2.19	6.75	3.53	2.00	7.50	3.00	7.81	57.25
904-0135	2- $2\frac{1}{8}$	19.75	2.44	7.63	3.78	2.25	8.50	3.25	8.81	77.25
904-0153	$2\frac{1}{4}$ - $2\frac{3}{8}$	21.63	2.88	8.50	4.28	2.50	9.00	3.63	9.75	105.00
904-1759	$2\frac{1}{2}$ - $2\frac{5}{8}$	23.50	3.12	9.50	5.50	2.88	9.75	4.00	10.62	140.00
904-1777	$2\frac{3}{4}$ - $2\frac{7}{8}$	25.50	3.00	10.75	6.25	3.12	11.00	4.88	11.25	220.00
904-1795	3- $3\frac{1}{8}$	27.00	3.25	11.50	6.75	3.38	12.00	5.25	11.75	276.00
904-1811	$3\frac{1}{4}$ - $3\frac{3}{8}$	29.25	4.00	12.25	7.25	3.62	13.00	5.75	12.25	313.00
904-1839	$3\frac{1}{2}$ - $3\frac{5}{8}$	31.00	4.00	13.00	7.75	3.88	14.00	6.25	13.00	400.00
904-1857	$3\frac{3}{4}$ -4	33.25	4.25	14.25	8.50	4.25	15.00	7.00	14.00	540.00

Heavy duty sockets available. Dimensions approximately one size larger than rope size specified.

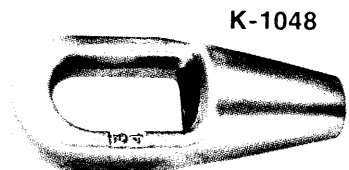
NOTICE: All cast steel spelter sockets $\frac{1}{8}$ " and larger are magnetic particle inspected and ultra-sonic inspected.
Proof testing available on special order.



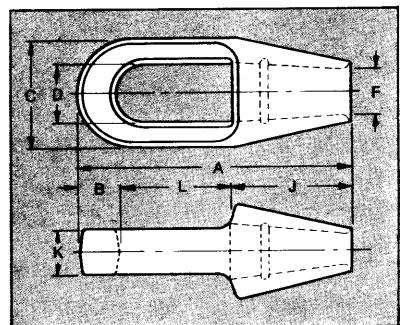
K-1047



Note: Above drawing illustrates one groove used on sockets $\frac{3}{4}$ " and smaller. Sizes $\frac{7}{8}$ " to $1\frac{1}{2}$ " inclusive use 2 grooves. Sizes $1\frac{5}{8}$ " and larger use 3 grooves.



K-1048



Note: Above drawing illustrates one groove used on sockets $\frac{3}{4}$ " and smaller. Sizes $\frac{7}{8}$ " to $1\frac{1}{2}$ " inclusive use 2 grooves. Sizes $1\frac{5}{8}$ " and larger use 3 grooves.

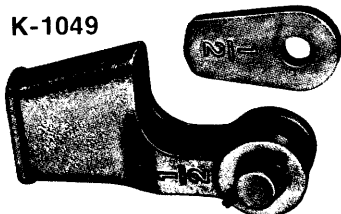
All dimensions approximate and subject to minor changes without notice.



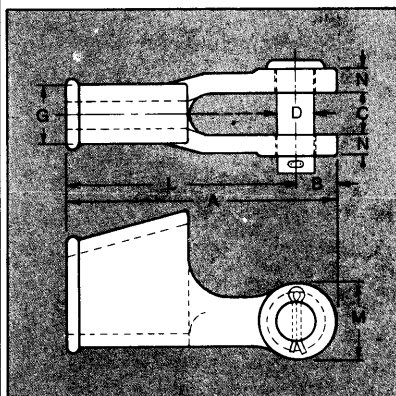
W.J. KEATING LIMITED

WEDGE SOCKETS • ROD ENDS

K-1049



OPEN WEDGE SOCKETS Cast Steel



Pin diameter and jaw opening designed to open socket standards.										
Part No.	Wire Rope Diam.† Inches	DIMENSIONS IN INCHES								Weight Pounds Each*
		A	B	C	D	G	L	M	N	
904-0304	3/8	5 5/8	7/8	1 3/16	1 3/16	1 1/8	4 3/4	1 9/16	7/16	2.00
904-0322	1/2	6 13/16	1 1/16	1	1	1 3/8	5 3/4	1 15/16	1/2	4.75
904-0340	5/8	8 5/32	1 7/32	1 1/4	1 3/16	1 3/4	6 15/16	2 1/4	9/16	8.50
904-0368	3/4	9 25/32	1 13/32	1 1/2	1 3/8	2 1/16	8 3/8	2 5/8	2 1/32	13.60
904-0386	7/8	11 5/32	1 21/32	1 3/4	1 5/8	2 5/16	9 1/2	3 1/8	3/4	20.50
904-0402	1	12 3/4	2	2	2	2 9/16	10 3/4	3 3/4	7/8	30.25
904-0420	1 1/8	14 3/8	2 1/4	2 1/4	2 1/4	2 15/16	12 1/8	4 1/4	1	43.50
904-0448	1 1/4	16	2 1/2	2 1/2	2 1/2	3 3/16	13 1/2	4 3/4	1 1/8	57.20

†For intermediate wire rope sizes use next larger size socket

*Weight of socket, wedge and pin.

ROD ENDS Forged

Part No.	Shank Diam. Inches	Shank Length Std.† Inches	Outside Diam. Eye Inches	Max. Diam. Drilled Hole Inches	Min. Diam. Drilled Hole Inches	Safe Working Load When Threaded—Pounds*	Weight Each
904-3025	5/8	12	1 9/16	1 5/16	No Min.	3,500	1.50
904-3043	3/4	12	1 7/8	1 1/8	No Min.	5,200	1.95
904-3061	7/8	12	2 1/8	1 1/4	No Min.	7,200	2.85
904-3089	1	12	2 3/8	1 3/8	No Min.	10,000	4.25
904-3123	1 1/8	12-24	2 3/4	1 5/8	No Min.	12,400	5.15
904-3141	1 1/4	18	3	1 3/4	No Min.	15,200	9.25
904-3169	1 1/2	24	3 5/8	2 1/8	1 1/4	21,400	17.75
904-3187	1 3/4	24	4 5/16	2 9/16	1 13/16	28,000	24.25
904-3203	2	24	5	3	2 1/32	37,000	32.00
904-3212	2 1/2	24	6	3 1/2	2 1/2	60,000	49.75

*Based on thread size equal to specified shank diameter.

†Non-standard shank lengths available on special order.

•Ultimate load five times safe working load.

All dimensions approximate and subject to minor changes without notice.

K-1050



Stocked in blank only, not drilled. Size hole that can be drilled is shown in table. Thickness of eye same as shank diameter.



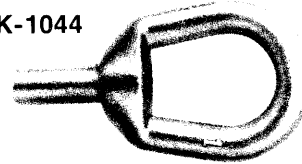
W.J. KEATING LIMITED

LIFTING EYES • EYE NUTS • PAD EYES

LIFTING EYES

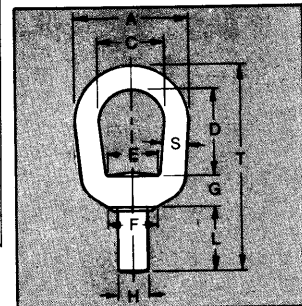
Forged Steel

K-1044



Large eye dimensions to accommodate a hook for lifting or pulling. The Eye and Shank are forged in one piece.													
Part No.	Size No.	DIMENSIONS IN INCHES										Weight Pounds Each	Safe Working Load When Threaded - Pounds*
		A	C	D	E	F	G	H	L	S	T		
909-0269	1	1 1/4	3/4	1 1/16	19/32	1/2	3/8	5/16	1 1/16	1/4	2 3/8	.10	850
909-0287	2	1 5/8	1	1 1/4	3/4	9/16	1/2	3/8	1 5/16	5/16	3	.20	1,250
909-0303	3	2	1 1/4	1 1/2	1	13/16	5/8	1/2	1 1/4	3/8	3 3/4	.25	2,250
909-0321	4	2 1/2	1 1/2	2	1 3/16	1	1 1/16	5/8	1 1/2	1/2	4 11/16	.79	3,600
909-0349	5	3	1 3/4	2 3/8	1 3/8	1 1/8	7/8	3/4	1 3/4	5/8	5 5/8	1.25	5,200
909-0367	6	3 1/2	2	2 5/8	1 5/8	1 5/16	1 5/16	7/8	2	3/4	6 5/16	2.25	7,200
909-0385	7	4	2 1/4	3 1/16	1 7/8	1 9/16	1 1/16	1	2 1/16	7/8	7 1/16	3.25	10,000
909-0401	8	4 1/2	2 1/2	3 1/2	1 15/16	1 7/8	1 1/4	1 1/8	2 1/2	1	8 1/4	4.70	12,500
909-0429	9	5	2 3/4	3 3/4	2	2	1 3/8	1 1/4	2 3/4	1 1/8	9	6.25	15,200
909-0410	10	5 5/8	3 1/8	4	2 3/8	2 3/8	1 1/2	1 3/8	2 15/16	1 1/4	9 11/16	9.33	18,000

*Ultimate Load is five times the Safe Working Load.
*Based on thread size equal to specified shank diameter.



K-1045



EYE NUTS
EYE NUTS (BLANK)

EYE NUTS Forged Steel, Hot Dip Galvanized, Threaded, Quenched and Tempered

Part No.	Size No.	Std. Tap M	DIMENSIONS IN INCHES							Max. Tap Size Possible	Weight Pounds Each	Safe Working Load – Pounds *
			A	C	D	E	F	S	T			
909-0438	1	¼	1¼	¾	1⅛	2⅓ ₃₂	½	¼	1⅞ ₁₆	⅜	.10	520
909-0456	1A	⅝ ₁₆	1¼	¾	1⅛	2⅓ ₃₂	½	¼	1⅞ ₁₆	⅜	.10	850
909-0474	2	⅜	1⅝	1	1¼	¾	⅑ ₁₆	⅝ ₁₆	2⅒ ₁₆	⅗ ₁₆	.18	1,250
909-0492	3	⅗ ₁₆	2	1¼	1½	1	1⅓ ₁₆	⅜	2½	½	.29	1,700
909-0517	3A	½	2	1¼	1½	1	1⅓ ₁₆	⅜	2½		.28	2,250
909-0535	4	⅝	2½	1½	2	1⅜ ₁₆	1	½	3⅜ ₁₆	¾	.58	3,600
909-0553	5	¾	3	1¾	2⅜	1⅝	1⅞	⅝	3⅞	⅞	1.00	5,200
909-0571	6	⅞	3½	2	2⅝	1⅝	1⅝ ₁₆	¾	4⅝ ₁₆	1	1.70	7,200
909-0599	7	1	4	2¼	3⅒ ₁₆	1⅞	1⅑ ₁₆	⅞	5	1¼	2.75	10,000
909-0615	7A	1⅞	4	2¼	3⅒ ₁₆	1⅞	1⅑ ₁₆	⅞	5	1¼	2.75	12,300
909-0633	8	1¼	4½	2½	3½	1⅝ ₁₆	1⅞	1	5¾	1½	3.85	15,500
909-0651	9	1⅜	5	2¾	3¾	2	2	1⅞	6¼	1½	5.00	18,500
909-0679	10	1½	5⅝	3⅞	4	2⅜	2¼	1¼	6¾	1¾	6.70	22,500
909-0697	11	2	7	4	6¼	4	3⅜	1½	10	2¾	17.00	40,000
909-0713	11A	2½	7	4	6¼	4	3⅜	1½	10	2¾	15.50	45,200

*Ultimate Load is five times the Safe Working Load.

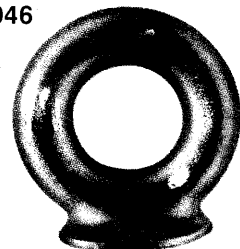
ORDER EYE NUTS BY SIZE NUMBER

All dimensions approximate and subject to minor changes without notice.

PAD EYES Forged Steel

Forged from 1035 carbon steel with excellent qualities for welding, widely used on farm machinery, trucks, steel-hulled marine vessels, and material handling equipment.						
Part No.	Size No.	Inside Diam. of Eye Inches	Outside Diam. of Eye Inches	Diam. of Shoulder Inches	Overall Height Inches	Weight Pounds Per 100
909-0722	0	1/4	5/8	5/8	3/4	2.77
909-0740	1	3/8	7/8	7/8	1 1/32	6.94
909-0768	1 1/2	5/8	1 1/8	1	1 5/16	10.25
909-0786	2	3/4	1 1/2	1 1/16	1 5/8	17.25
909-0802	4	1	2 1/8	1 7/16	2 11/32	50.00
909-0820	5	1 1/4	2 5/8	1 3/4	2 3/4	82.50

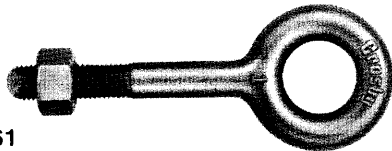
K-1046





W.J. KEATING LIMITED

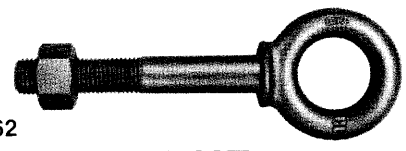
FORGED EYE BOLTS



K-1061

REGULAR NUT

Hot Dip Galvanized, Forged Steel, 1/4 through 3/8" Sizes Normalized. Larger Sizes Quenched and Tempered



K-1062

SHOULDER NUT

Hot Dip Galvanized, Forged Steel, Quenched and Tempered

Part No.	Shank Diam. and Length Inches	Length of Thread Inches	Eye Dim.		Safe Working Load* Pounds	Weight Pounds Per 100
			I.D. Inches	O.D. Inches		
904-3230	1/4 x 2	1 1/2	1/2	1	500	6.00
904-3258	1/4 x 4	2 1/2	1/2	1	500	12.50
904-3276	5/16 x 2 1/4	1 1/2	5/8	1 1/4	800	18.75
904-3294	5/16 x 4 1/4	2 1/2	5/8	1 1/4	800	25.00
904-3310	3/8 x 2 1/2	1 1/2	3/4	1 1/2	1,200	31.25
904-3338	3/8 x 4 1/2	2 1/2	3/4	1 1/2	1,200	37.50
904-3356	3/8 x 6	2 1/2	3/4	1 1/2	1,200	43.75
904-3374	1/2 x 3 3/4	1 1/2	1	2	2,200	50.00
904-3392	1/2 x 6	3	1	2	2,200	62.50
904-3418	1/2 x 8	3	1	2	2,200	75.00
904-3436	1/2 x 10	3	1	2	2,200	88.00
904-3454	1/2 x 12	3	1	2	2,200	100.00
904-3472	5/8 x 4	2	1 1/4	2 1/2	3,500	101.25
904-3490	5/8 x 6	3	1 1/4	2 1/2	3,500	125.00
904-3515	5/8 x 8	3	1 1/4	2 1/2	3,500	150.00
904-3533	5/8 x 10	3	1 1/4	2 1/2	3,500	162.50
904-3551	5/8 x 12	4	1 1/4	2 1/2	3,500	175.00
904-3579	3/4 x 4 1/2	2	1 1/2	3	5,200	156.00
904-3597	3/4 x 6	3	1 1/2	3	5,200	160.00
904-3613	3/4 x 8	3	1 1/2	3	5,200	200.00
904-3631	3/4 x 10	3	1 1/2	3	5,200	238.00
904-3659	3/4 x 12	4	1 1/2	3	5,200	252.00
904-3677	3/4 x 15	5	1 1/2	3	5,200	300.00
904-3695	7/8 x 5	2 1/2	1 3/4	3 1/2	7,200	275.00
904-3711	7/8 x 8	4	1 3/4	3 1/2	7,200	325.00
904-3739	7/8 x 12	4	1 3/4	3 1/2	7,200	400.00
904-3757	1 x 6	3	2	4	10,000	425.00
904-3775	1 x 9	4	2	4	10,000	452.00
904-3793	1 x 12	4	2	4	10,000	550.00
904-3819	1 x 18	7	2	4	10,000	650.00
904-3837	1 1/4 x 8	4	2 1/2	5	15,200	750.00
904-3855	1 1/4 x 12	4	2 1/2	5	15,200	900.00
904-3873	1 1/4 x 20	6	2 1/2	5	15,200	1,150.00

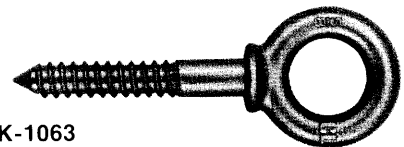
*Ultimate Load is five times the Safe Working Load.

All eye bolts on this page are normalized up to and including 3/8 inch sizes. Larger sizes are quenched and tempered.

Part No.	Shank Diam. and Length Inches	Length of Thread Inches	Eye Dim.		Safe Working Load* Pounds	Weight Pounds Per 100
			I.D. Inches	O.D. Inches		
904-5014	1/4 x 2	1 1/2	1/2	7/8	500	3.75
904-5032	1/4 x 4	2 1/2	1/2	7/8	500	6.25
904-5050	5/16 x 2 1/4	1 1/2	5/8	1 1/8	800	12.50
904-5078	5/16 x 4 1/4	2 1/2	5/8	1 1/8	800	18.75
904-5096	3/8 x 2 1/2	1 1/2	3/4	1 1/8	1,200	19.00
904-5112	3/8 x 4 1/2	2 1/2	3/4	1 3/8	1,200	31.58
904-5130	1/2 x 3 3/4	1 1/2	1	1 3/4	2,200	37.50
904-5158	1/2 x 6	3	1	1 3/4	2,200	56.25
904-5176	5/8 x 4	2	1 1/4	2 1/4	3,500	75.00
904-5194	5/8 x 6	3	1 1/4	2 1/4	3,500	100.25
904-5210	3/4 x 4 1/2	2	1 1/2	2 3/4	5,200	125.00
904-5238	3/4 x 6	3	1 1/2	2 3/4	5,200	150.00
904-5256	7/8 x 5	2 1/2	1 3/4	3 1/4	7,200	225.00
904-5274	7/8 x 8	4	1 3/4	3 1/4	7,200	275.00
904-5292	1 x 6	3	2	3 3/4	10,000	375.00
904-5318	1 x 9	4	2	3 3/4	10,000	425.00
904-5336	1 1/4 x 8	4	2 1/2	4 1/2	15,200	650.00
904-5354	1 1/4 x 12	4	2 1/2	4 1/2	15,200	775.00
904-5372	1 1/2 x 15	6	3	5 1/2	21,400	1,425.00

All bolts hot dip galvanized after threading. Hex nuts are American Standard Heavy, hot dip galvanized.

*Ultimate Load is five times the Safe Working Load.



K-1063

SCREW EYE BOLTS

Hot Dip Galvanized, Forged Steel, Quenched and Tempered

Part No.	Shank Diam. and Length Inches	EYE DIM. Shoulder		Weight Pounds Per 100
		I.D. In.	O.D. In.	
904-6111	1/4 x 2	1/2	7/8	4.25
904-6139	5/16 x 2 1/4	5/8	1 1/8	6.25
904-6157	3/8 x 2 1/2	3/4	1 3/8	18.75
904-6175	1/2 x 3 3/4	1	1 3/4	37.50
904-6193	5/8 x 4	1 1/4	2 1/4	68.75
904-6219	3/4 x 4 1/2	1 1/2	2 3/4	112.50



RING BOLTS • RIVET EYE BOLTS

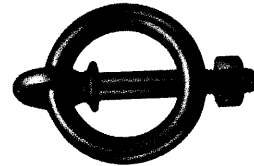
NUT RING BOLTS

Hot Dip Galvanized, Forged Steel, Quenched and Tempered

Part No.	Diam. and Length Shank Inches	Length of Thread Inches	Inside Diam. of Ring Inches	Weight Pounds Per 100	Safe Working Load* Pounds
904-6237	1/4 x 2	1 1/2	1 3/4	18.75	500
904-6255	1/4 x 4	2 1/2	1 3/4	18.75	500
904-6273	5/16 x 2 1/4	1 1/2	2	25.25	800
904-6291	5/16 x 4 1/4	2 1/2	2	31.25	800
904-6317	3/8 x 2 1/2	1 1/2	2	37.31	1,200
904-6335	3/8 x 4 1/2	2 1/2	2	56.58	1,200
904-6353	1/2 x 3 1/4	1 1/2	2 1/2	87.50	2,200
904-6371	1/2 x 6	3	2 1/2	100.00	2,200
904-6399	5/8 x 4	2	2 3/4	162.50	3,500
904-6415	5/8 x 6	3	2 3/4	180.00	3,500
904-6433	3/4 x 4 1/2	2	3	262.50	5,200
904-6451	3/4 x 6	3	3	275.00	5,200

*Ultimate Load is five times the Safe Working Load.

K-1058



SHOULDER

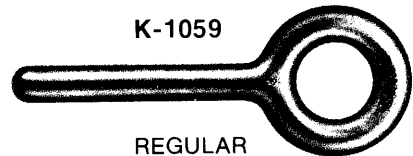
Diameter of stock in ring same as diameter of shank.

RIVET EYE BOLTS

Forged Steel

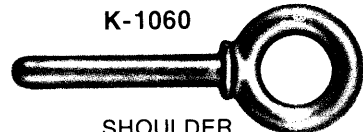
Part No.	Part No.	Diam. and Length Shank Inches	Weight Pounds Per 100		Inside Diam. of Eye in Inches
			Regular	Shoulder	
104-3882	104-5746	1/4 x 2	6.25	5.50	1/2
104-3908	104-5764	1/4 x 4	11.25	7.00	1/2
104-3926	104-5782	5/16 x 2 1/4	12.00	6.25	5/8
104-3944	104-5808	5/16 x 4 1/4	18.25	12.50	5/8
104-3962	104-5826	3/8 x 2 1/2	25.00	18.75	3/4
104-3980	104-5844	3/8 x 4 1/2	27.25	25.00	3/4
104-4006	104-5862	3/8 x 6	31.50	—	3/4
104-4024	104-5880	1/2 x 3 1/4	43.75	37.50	1
104-4042	104-5906	1/2 x 6	62.50	50.00	1
104-4060	104-5924	5/8 x 4	93.75	68.75	1 1/4
104-4088	104-5942	5/8 x 6	113.00	75.00	1 1/4
104-4104	104-5960	3/4 x 4 1/2	143.75	125.00	1 1/2
104-4122	104-5988	3/4 x 6	162.50	150.00	1 1/2
104-4140	104-6004	7/8 x 5	237.50	200.00	1 3/4
104-4168	104-6022	7/8 x 8	291.00	275.00	1 3/4
104-4186	104-6040	1 x 6	375.00	298.00	2
104-4202	104-6068	1 x 9	450.00	425.00	2
104-4220	104-6086	1 1/4 x 8	875.00	654.00	2 1/2
104-4248	104-6102	1 1/4 x 12	855.00	800.00	2 1/2
		1 1/2 x 15	—	1,425.00	3

K-1059



REGULAR

K-1060



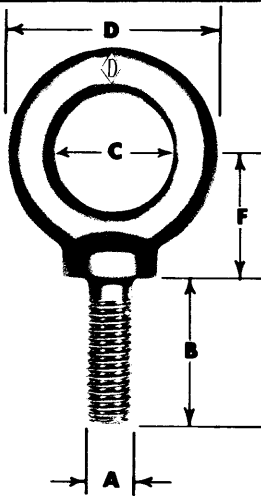
SHOULDER

FORGED STEEL

All dimensions approximate and subject to minor change without notice.



W.J. KEATING LIMITED



Drop Forged SHOULDER EYE BOLTS 1030 Steel Heat Treated

K-1074

*** WARNING**
RATED CAPACITY IS
DRASTICALLY REDUCED
WHEN LOADING AT ANY
ANGLE.
LOADING MUST NEVER
BE MADE AT AN ANGLE
GREATER THAN 45° FROM
BOLT CENTERLINE. AT
AN ANGLE OF 45° RATED
CAPACITY IS REDUCED TO
1/4 OF THE TABULATED
VALUE.

Stock Number	Thread Diameter (A)	Shank Length (B)	I. D. of Eye (C)	O. D. of Eye (D)	C. of Eye to Base of Shoulder (E)	** +/-	* Rated Capacity in Lbs.	Approx. Weight per 100 pcs.
086-5406 086-5424	1/4 1/4	1 1	1/2 3/4	15/16 1- 3/16	1- 1/16 3/4	1/16 1/16	440 440	5 5.5
086-5442 086-5460	5/16 5/16	1-1/8 1-1/8	5/8 7/8	1- 3/16 1- 7/16	15/16 15/16	1/16 1/16	720 720	9.5 11
086-5488 086-5503 086-7002 086-7020 086-7048	3/8 3/8 3/8 3/8 7/16	1/2 3/4 1-1/4 1-1/4 1-3/8	1 1 3/4 1 1- 3/32	1-11/16 1-11/16 1- 7/16 1-21/32 1-27/32	1- 3/16 1- 3/16 1 1- 1/8 1- 1/4	1/16 1/16 1/16 1/16 1/16	1080 1080 1080 1080 1480	13.5 14 13.5 16 25
086-7066 086-7084	1/2 1/2	1-1/2 1-1/2	1 1- 3/16	1-15/16 2- 1/16	1- 1/4 1- 3/8	1/16 1/16	1960 1960	34 37
086-7100	5/8	1-3/4	1- 3/8	2- 1/2	1- 5/8	1/16	3160	67
086-5601	3/4	2	1- 1/2	2-13/16	1- 3/4	3/32	4600	105
086-5629	7/8	2-1/4	1-11/16	3- 1/4	2- 1/8	3/32	6400	160
086-5647	1	2-1/2	1-13/16	3- 9/16	2- 5/16	3/32	8400	221
086-5665	1-1/8	2-3/4	2	4	2-11/16	3/32	10000	345
086-5683	1-1/4	3	2- 3/16	4- 7/16	2-15/16	3/32	13400	466
086-5709	1-1/2	3-1/2	2- 1/2	5- 3/16	3- 5/16	1/8	18000	768
086-6209	1-3/4	3-3/4	2- 7/8	6- 1/16	4	1/8	21200	1173
086-6227	2	4	3- 1/4	6- 7/8	4- 3/8	1/8	27200	1703

*When Load Application is in Direction of Axis of Shank

**Center of Eye to Base of Shoulder Tolerance

Rated Capacity Figured with Factor of 5 to 1.

Please include Stock Number and Size when ordering.

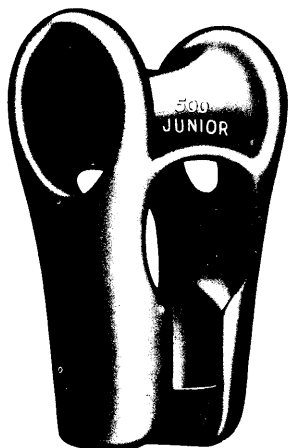


W.J. KEATING LIMITED

CHOKER HOOKS

LIGHTWEIGHT

CHOKER HOOK K-5070



No. 500J

U.S. Patent No. 2,828,156
Canadian Patent No. 578,621

This patented hook chokes tight—even on the smallest logs and on the small end of big logs—because of the distinctive, short design. Easy to carry, easy to hook and unhook, self-cleaning, more efficient on every score. The open sleeve helps to keep the ferrule from kicking out, any time the line goes slack. A favorite with chokermen! Cast of special, heat treated, high strength alloy steel.

HOOK NO.	500D	500B	500L	500J	500S
SIZE	Dwarf	Bantam	Light	Junior	Standard
LINE SIZE	$\frac{3}{8}$ - $\frac{5}{8}$	$\frac{5}{8}$ - $\frac{3}{4}$	$\frac{3}{4}$ - 1	1 - 1 $\frac{1}{4}$	1 $\frac{1}{4}$ - 1 $\frac{3}{8}$
FERRULE SIZE	Dwarf	Bantam	Light	Junior	Standard
WEIGHT	1 $\frac{1}{2}$	2 $\frac{1}{2}$	5	8	14

LOGGER STEEL BUTTONS

Made from high quality steel.

SIZE	WT/100 PCS.	SIZE	WT/100 PCS.	SIZE	WT/100 PCS.
$\frac{3}{8}$	38#	$\frac{1}{2}$	31.9#	$\frac{5}{8}$	86#
$\frac{7}{16}$	35#	$\frac{9}{16}$	30 #	$\frac{3}{4}$	106.9#

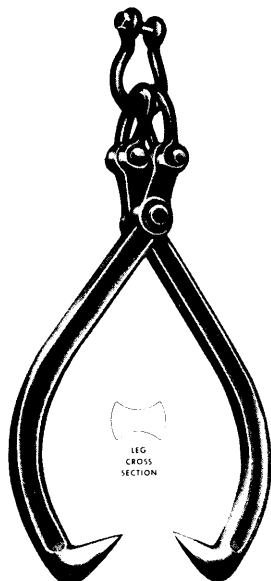


K-5071

TONGS

LOADING K-5072

Pear shaped, with round points. Shackles on the legs, and top shackle.



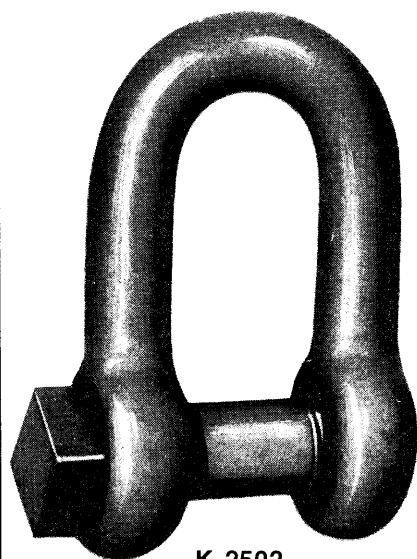
SIZE	26	32	37	43
SPREAD	26	32	37	43
TOP SHACKLE*	266- $\frac{7}{8}$	266- $\frac{7}{8}$	266-1	266-1 $\frac{1}{8}$
WEIGHT	51	64	76	110

SIZE	48	54	65	76
SPREAD	48	54	65	76
TOP SHACKLE*	266-1 $\frac{1}{8}$	266-1 $\frac{1}{4}$	266-1 $\frac{3}{8}$	266-1 $\frac{3}{8}$
WEIGHT	140	160	219	259

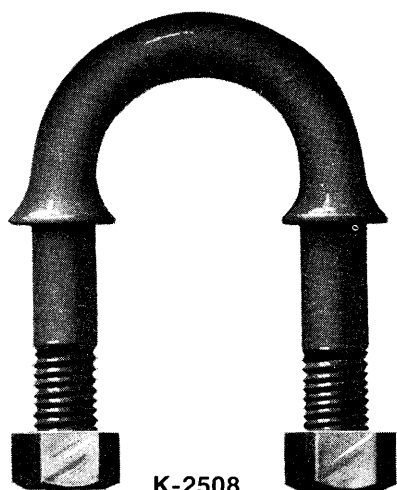


W.J. KEATING LIMITED

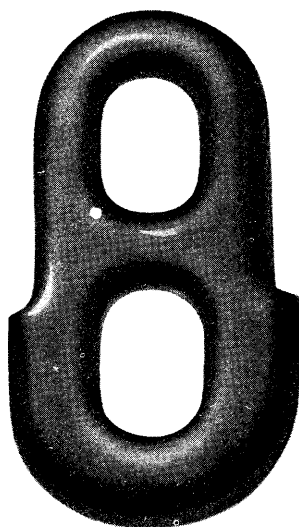
TRAWLER GEAR



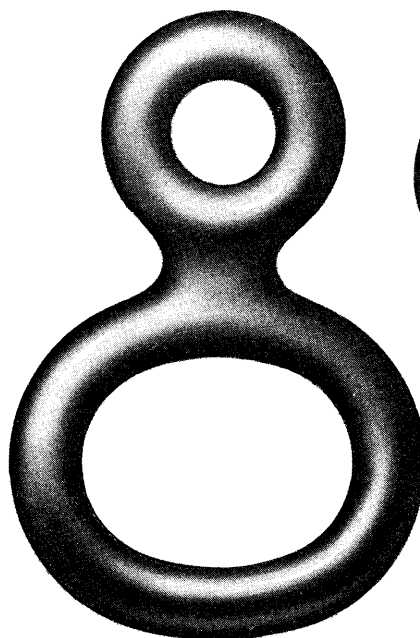
K-2502
Warp 'D' Shackle
with Screw Square Head Pin.



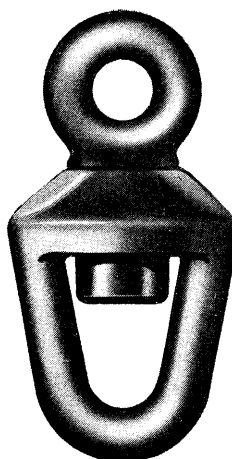
K-2508
Trawl Door Norman



Kelly's Stopper, Large and Small
K-2501



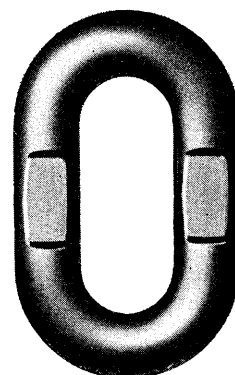
Kelly's Eye, Large and Small
K-2507



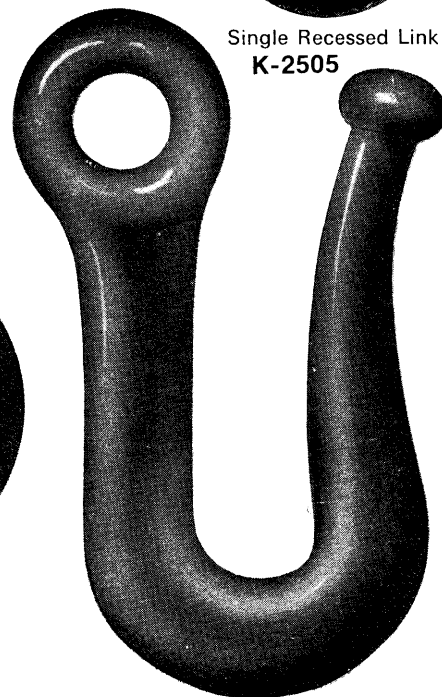
Single Swivel
K-2503



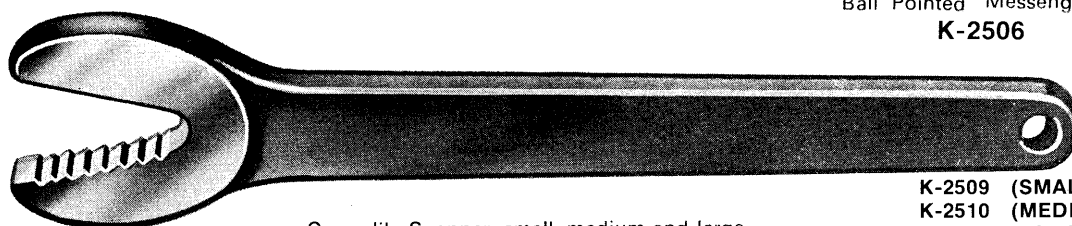
K-2504
Single G Hook



Single Recessed Link
K-2505



Ball Pointed Messenger Hook
K-2506



Crocodile Spanner, small, medium and large

K-2509 (SMALL)
K-2510 (MEDIUM)
K-2514 (LARGE)



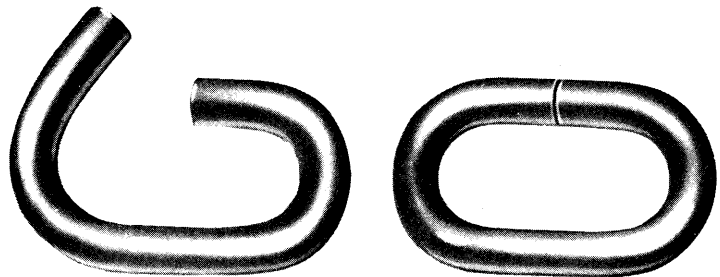
W.J. KEATING LIMITED

MARINE FITTINGS

SCALLOP LINKS:

Scallop links have one side left open ready to close.
No claim can be made as to SWL.

MATERIAL: Low carbon steel
FINISH: Self Coloured
PACKAGING: Bulk Pails



SPECIFICATIONS:

K-3000

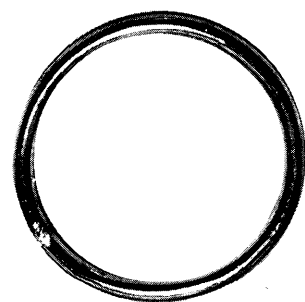
No.	STOCK NUMBER	SIZE	OPENING	LBS. PER 1000 PCS.
5/16 #1	713-561	5/16 X 1-1/8	3/8	79
3/8 #1	713-381	3/8 X 1-1/8	1/2	126
3/8 #2	713-382	3/8 X 1-7/16	1/2	134

Above may be heat treated on request.

Other sizes available by request.

WELDED SCALLOP RINGS

MATERIAL: Case hardened low carbon steel
FINISH: Self Coloured
PACKAGING: Bulk Pails



SPECIFICATIONS:

K-3001

TRADE SIZE	STOCK NUMBER	LBS. PER 100 PCS.
5/16 X 3	721-563	23
3/8 X 3	721-383	33

A wide variety of welded rings of other stock diameters and inside diameters are available by request. These may be supplied galvanized or case hardened as required.



ROLLER CHAINS †

For commercial fishing to suspend rollers at the bottom of trawl netting. STANDARD MATERIAL: $\frac{5}{16}$ " Proof Coil Chain with $\frac{7}{16}$ " x 3" I.D. welded ring and $\frac{7}{16}$ " x $1\frac{1}{2}$ " x $2\frac{3}{4}$ " x $4\frac{1}{8}$ " Pear Shaped Link.
FINISH: Bright.
PACKAGING: Bulk.

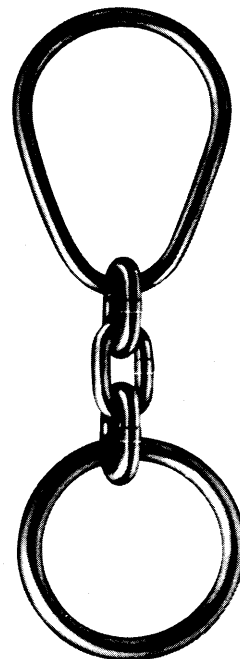
Bulk

Order unit is each.

TRADE SIZE AND LENGTH OF CHAIN	STOCK NUMBER	LBS. PER 100 PCS.
	BRIGHT	
$\frac{5}{16}$ " x 1 LINK	020-6115	105
$\frac{5}{16}$ " x 3 LINKS	020-6315	125
$\frac{5}{16}$ " x 5 LINKS	020-6515	145
$\frac{5}{16}$ " x 7 LINKS	020-6715	165
$\frac{5}{16}$ " x 9 LINKS	020-6915	200

†Uses of these assemblies do not lend themselves to a specific working load.

*WARNING: Do Not Exceed Working Load Limit.



K-3002

TOGGLE

Part No.	Length	Chain Dia.	Roller I.D.
089-0502	$10\frac{3}{4}$ "	$\frac{1}{4}$ "	$\frac{11}{16}$ "
089-0520	25"	$\frac{3}{8}$ "	$1\frac{9}{16}$ "



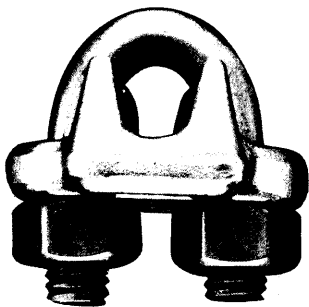
K-3003



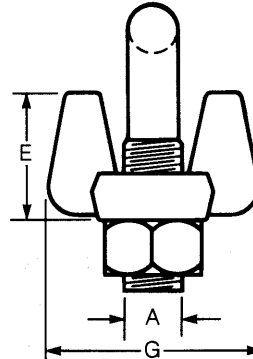
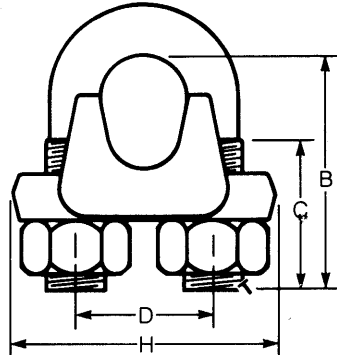
Stainless Forged Fittings

Wire Rope Clips

High wings and grooved base hold ropes firmly in place, assuring a non-slip union. Type 316 stainless. Heavy hex nuts standard.



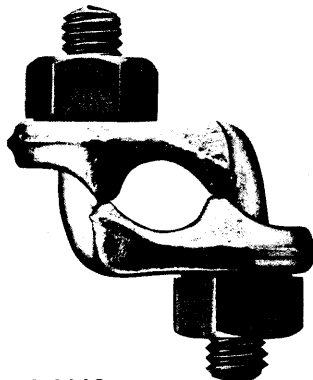
K-1118



Clip Size, Inches	Stock Numbers	Dimensions, Inches							Minimum No. of Clips Per Fastening	Weight Per 100, Pounds
		A	B	C	D	E	G	H		
1/8	640-3002	12-24	13/16	7/16	9/16	7/16	29/32	1	2	5
3/16	640-3003	1/4	1	9/16	5/8	1/2	15/16	1 3/32	2	8
1/4	640-3004	5/16	1 3/8	3/4	3/4	2 1/32	1 3/16	1 7/16	2	17
3/8	640-3006	7/16	1 1/2	1 3/16	1	29/32	1 5/8	1 15/16	2	42
1/2	640-3008	1/2	1 7/8	1 1/16	1 3/16	1 1/8	1 29/32	2 9/32	3	60
5/8	640-3010	9/16	2 3/8	1 1/4	1 5/16	1 1/32	2 1/16	2 1/2	3	100

Chair Type Wire Rope Clips

Wider bearing surface provides greater holding power. Forged from 18/8 stainless steel, non-magnetic. Magnetic permeability 2.0 maximum. Heavy hex nuts standard. Available in Type 316 stainless steel on special order.



K-1119

Rope Size, Inches	Stock Numbers	Minimum No. of Clips Per Fastening	Weight Per 100, Pounds
5/16	640-3105	2	31
3/8	640-3106	2	44
7/16-1/2	640-3108	2	75
9/16-5/8	640-3110	3	125
3/4	640-3111	3	150
7/8	640-3112	4	210



Stainless Forged Fittings

Turnbuckles

Drop forged from 18/8 stainless, Type 304. See page 31 for eye and jaw dimensions.



With Stub Ends, **K-1127**



Body Only, **K-1128**



Eye and Eye, **K-1126**



Jaw and Eye, **K-1124**



Jaw and Jaw, **K-1125**

Stock Numbers and Working Load Limits

Diameter and Take Up, Inches	Stock Numbers					Working Load Limit*, Pounds
	Body Only	With Stubs	Eye & Eye	Jaw & Eye	Jaw & Jaw	
1/4 x 4	640-0101	640-1301	640-1101	640-1401	640-1201	460
5/16 x 4 1/2	640-0102	640-1302	640-1102	640-1402	640-1202	780
3/8 x 6	640-0103	640-1303	640-1103	640-1403	640-1203	1,160
1/2 x 6	640-0104	640-1304	640-1104	640-1404	640-1204	2,150
5/8 x 6	640-0107	640-1307	640-1107	640-1407	640-1207	3,440
3/4 x 6	640-0110	640-1310	640-1110	640-1410	640-1210	5,140
7/8 x 6	640-0114	640-1314	640-1114	640-1414	640-1214	7,130
1 x 6	640-0117	640-1317	640-1117	640-1417	640-1217	9,370

Dimensions and Weights

Diameter and Take Up, Inches	Overall Length, Inches +					Weight Each, Pounds				
	Body Only	With Stubs	Eye & Eye	Jaw & Eye	Jaw & Jaw	Body Only	With Stubs	Eye & Eye	Jaw & Eye	Jaw & Jaw
1/4 x 4	4 3/4	9	**7	**7 1/4	7 1/2	.015	.25	.25	.30	.34
5/16 x 4 1/2	5 7/16	10 1/2	**8	**8	8 1/4	.13	.34	.34	.40	.44
3/8 x 6	7 1/8	15	11 1/4	11 1/4	10 7/8	.31	.75	.77	.84	.94
1/2 x 6	7 1/2	15	14	13	12 1/2	.50	1.25	1.50	1.58	1.65
5/8 x 6	7 7/8	16	14 3/4	14 7/8	14	.75	2.00	2.35	2.75	3.09
3/4 x 6	8 1/4	17	17 1/4	16 1/4	14 7/8	1.25	3.19	3.99	4.29	4.56
7/8 x 6	8 5/8	17	18	16 1/4	14 1/4	1.75	6.00	6.16	6.28	6.48
1 x 6	9	18	19 1/4	18 3/4	17 1/2	2.75	6.38	8.73	9.22	9.66

+ Bearing to bearing, closed.

**Round eye style.

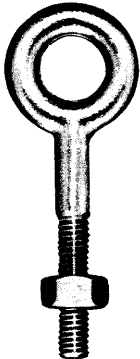
*Warning: Do not exceed Working Load Limit.



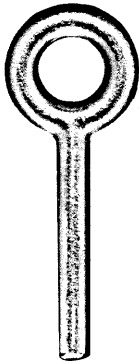
Stainless Forged Fittings

Regular and Shoulder Eyebolts

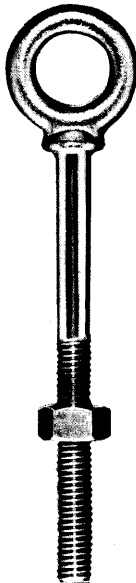
Non-magnetic, drop forged from 18/8 stainless, Type 304. All have UNC-2, righthand thread. Heavy hex nuts supplied. Available in other grades of stainless steel on special order.



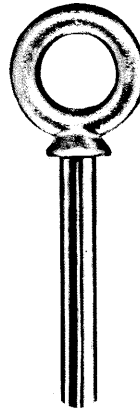
Regular Nut
K-1120



Regular Rivet
K-1121



Shoulder Nut
K-1122

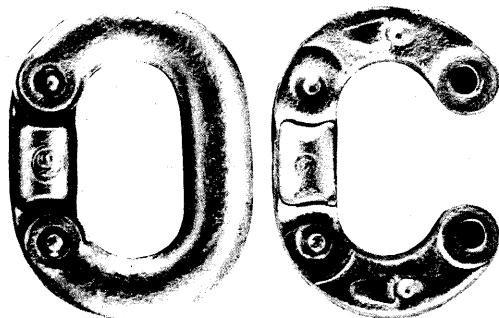


Shoulder Rivet
K-1123

Diameter and Length of Shank, Inches	Stock Numbers				Dimensions, Inches				Thread Length, Inches	Weight Per 100, Pounds	Working Load Limit*, Pounds
	M-28-ST	M-29-ST	M-30-ST	M-31-ST	Plain		Shoulder				
					I.D.	O.D.	I.D.	O.D.			
1/4 x 2	640-5101	640-5001	640-5201	640-5301	1/2	1	1/2	7/8	1 1/2	9	460
1/4 x 4	640-5102	640-5002	640-5202	640-5302	1/2	1	1/2	7/8	2 1/2	12	460
5/16 x 2 1/4	640-5103	640-5003	640-5203	640-5303	5/8	1 1/8	5/8	1 1/8	1 1/2	16	780
5/16 x 4 1/4	640-5104	640-5004	640-5204	640-5304	5/8	1 1/8	5/8	1 1/8	2 1/2	17	780
3/8 x 2 1/2	640-5105	640-5005	640-5205	640-5305	3/4	1 1/2	3/4	1 3/8	1 1/2	24	1,160
3/8 x 4 1/2	640-5106	640-5006	640-5206	640-5306	3/4	1 1/2	3/4	1 3/8	2 1/2	30	1,160
1/2 x 3 1/4	640-5107	640-5007	640-5207	640-5307	1	2	1	1 3/4	1 1/2	54	2,150
1/2 x 6	640-5108	640-5008	640-5208	640-5308	1	1 13/16	1	1 3/4	3	69	2,150
5/8 x 4	640-5109	640-5009	640-5209	640-5309	1 1/4	2 1/2	1 1/4	2 1/4	2	104	3,440
3/4 x 4 1/2	640-5111	640-5011	640-5211	640-5311	1 1/2	2 7/8	1 1/2	2 3/4	2	165	5,140
7/8 x 5	640-5113	640-5013	640-5213	640-5313	1 3/4	3 3/8	1 3/4	3 1/4	2 1/2	260	7,130
1 x 6	640-5115	640-5015	640-5215	640-5315	2	4	2	3 3/4	3	390	9,370

Connecting Links

Integrally forged pins join the halves of links together. Interlocking lugs distribute the load. Type 304 stainless. Other sizes available on special order.



K-1117

Size, Inches	Stock Number	Overall Dimensions, Inches	Inside Dimensions, Inches	Weight, Pounds	Working Load Limit*, Pounds
3/8	640-3506	1 15/16 x 1 3/8	1 3/16 x 5/8	.20	1,440

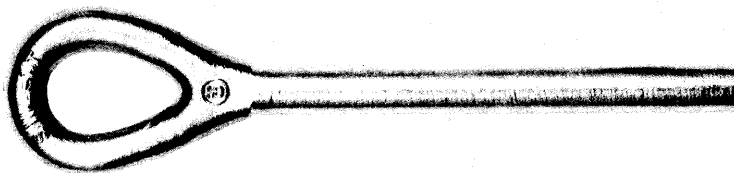
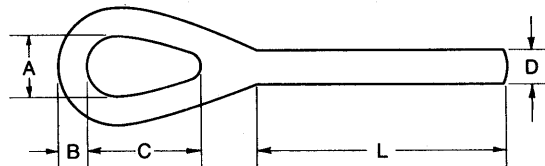
*Warning: Do not exceed Working Load Limit.



Stainless Forged Fittings

Eye Fittings

Drop forged from 18/8, Type 304 stainless. Zyglo inspected to insure sound forgings for cold swaging. Can also be cut and threaded. Larger sizes available on special order.

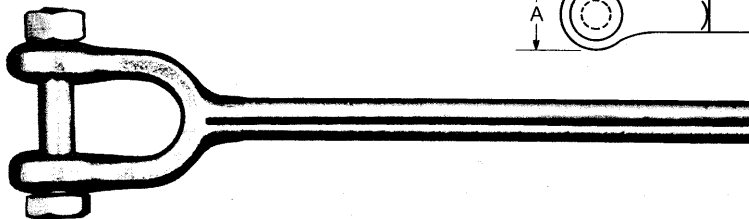
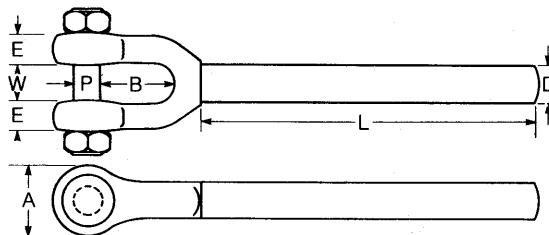


K-1129

Stock Numbers	Dimensions, Inches					Wire Rope Size, Max. (7 x 7, 7 x 19)
	A	B	C	D	L	
640-8101	9/16	11/32	15/16	3/8	4 1/4	7/32
640-8102	3/4	7/16	1 1/4	1/2	4 1/2	9/32
640-8103	1 1/4	1/2	1 15/16	5/8	4 5/8	3/8
640-8104	1	5/8	2 1/8	3/4	4 7/8	1/2
640-8105	1 3/4	13/16	2 1/2	7/8	5	1/2
640-8106	1 1/2	7/8	2 5/16	1	5 1/2	9/16

Jaw Fittings

Drop forged from 18/8, Type 304 stainless. Zyglo inspected to insure sound forgings for cold swaging. Can also be cut and threaded. Hex head bolts and nuts included.



K-1130

Stock Numbers	Dimensions, Inches							Wire Rope Size, Max. (7 x 7, 7 x 19)
	A	B	D	E	L	P	W	
640-8001	5/8	5/8	1/4	3/16	3 7/16	1/4	3/8	5/32
640-8002	5/8	3/4	5/16	3/16	3 1/8	1/4	1/2	3/16
640-8003	13/16	2 7/32	3/8	9/32	4 3/8	5/16	9/16	7/32
640-8004	1	1 1/16	1/2	1 1/32	4 1/2	3/8	5/8	9/32
640-8005	1 7/32	1 3/8	5/8	3/8	4 5/8	1/2	7/8	3/8
640-8006	1 5/8	1 1/2	3/4	1/2	4 7/8	5/8	1 5/16	1/2
640-8007	1 3/4	1 3/4	7/8	9/16	5	3/4	1 1/8	1/2
640-8008	2 1/8	2 1/16	1	5/8	5 1/2	7/8	1 1/4	9/16

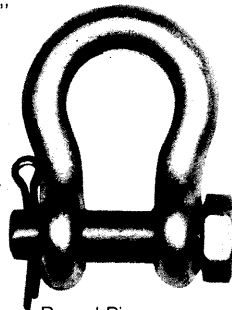


Stainless Forged Fittings

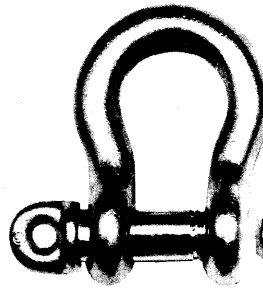
Anchor Shackles

Type 303-304 stainless, permanently marked "NM" for non-magnetic. Shackle bodies are Type 303 stainless; screw pins are Type 304. Type 304 stainless steel meets federal specifications QQ-S-00763 and MIL-F-17280C (SHIPS), Fig. 1, Type 1.

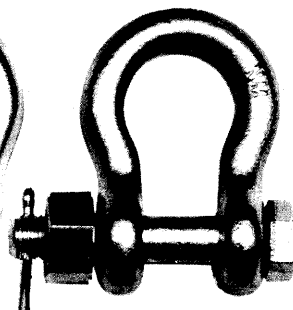
Larger sizes, chain shackles, other pin styles and stainless grades can be furnished on special order.



Round Pin
K-1104

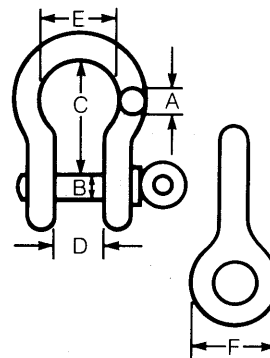


Screw Pin
K-1100



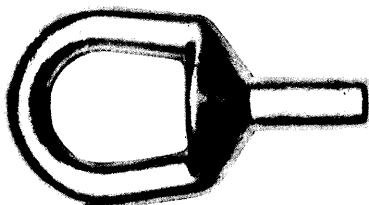
Safety
K-1105

Size A, Inches	Stock Numbers			Dimensions, Inches						Tolerance, Inches (+ or -)		Weight Each, Pounds	Working Load Limit*, Pounds
	Round	Screw	Safety	B	C	D	E	F		Length	Width		
1/4	640-2604	640-2104	640-2404	5/16	1 1/8	1/2	3/4	1 1/16	1/16	1/16	.10	.720	
5/16	640-2605	640-2105	640-2405	3/8	1 1/4	9/16	7/8	3/4	1/16	1/16	.16	1.060	
3/8	640-2606	640-2106	640-2406	7/16	1 7/16	1 1/16	1	15/16	1/8	1/16	.31	1.600	
7/16	640-2607	640-2107	640-2407	1/2	1 3/4	3/4	1 1/16	1 1/8	1/8	1/16	.50	2.000	
1/2	640-2608	640-2108	640-2408	5/8	1 15/16	13/16	1 1/4	1 1/4	1/8	1/16	.72	2.800	
5/8	640-2610	640-2110	640-2410	3/4	2 7/16	1 1/16	1 1/2	1 5/8	1/8	1/16	1.38	4.400	
3/4	640-2612	640-2112	640-2412	7/8	3	1 1/4	1 7/8	1 7/8	1/4	1/16	2.22	6.400	
7/8	640-2614	640-2114	640-2414	1	3 1/4	1 7/16	2 1/8	2	1/4	1/16	3.28	8.800	
1	640-2616	640-2116	640-2416	1 1/8	3 3/4	1 11/16	2 1/2	2 3/8	1/4	1/16	5.31	15.500	

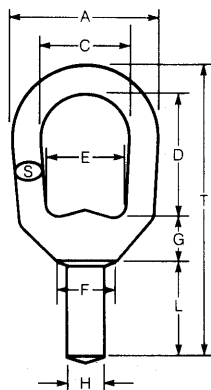


Lifting Eyes

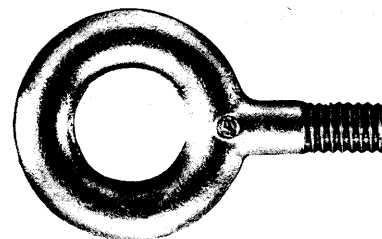
Available in non-magnetic Type 303 or 18/8 Type 304.



K-1107

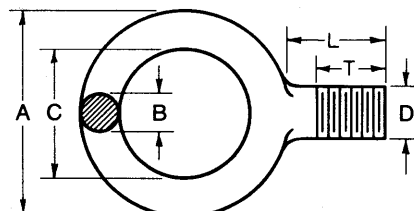


Stock Number	Dimensions, Inches										Weight Each, Pounds
	A	C	D	E	F	G	H	L	S	T	
640-3401	2	1 1/8	1 1/2	1	1 1/16	5/8	9/16	1 5/16	3/8	3 9/16	.45



K-1108

Stock Numbers		Dimensions, Inches							Weight Each, Pounds	Working Load Limit*, Pounds
Blank	Threaded	D	L	A	C	B	T			
640-7001	640-7101	1/4	3/4	1 1/8	3/4	3/16	1/2	.05	.460	
640-7002	640-7102	5/16	17/16	1 1/8	5/8	1/4	7/16	.10	.780	
640-7003	640-7103	3/8	3/4	1 1/2	3/4	3/8	1/2	.13	1.160	
640-7004	640-7104	1/2	3/4	2 1/16	13/16	7/16	5/8	.25	2.150	



*Warning: Do not exceed Working Load Limit.

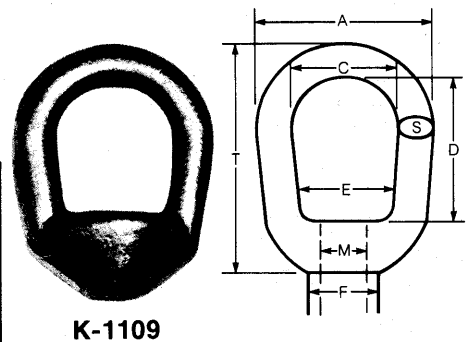


Stainless Forged Fittings

Eye Nuts

Drop forged from 18/8, Type 303 stainless.
Supplied tapped as shown, but available blank on special order.

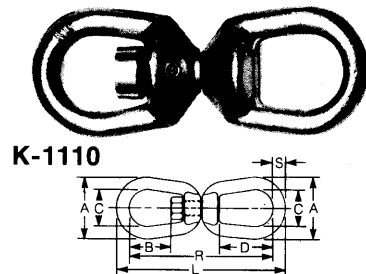
Size No.	Stock Numbers	Std. Tap, M, Inches	Dimensions, Inches							Weight Each, Pounds	Working Load Limit*, Pounds
			A	C	D	E	F	S	T		
1	640-3301	1/4	1 1/4	3/4	1 1/16	2 1/32	1/2	1/4	1 11/16	.10	460
2	640-3302	5/16	1 1/4	3/4	1 1/16	2 1/32	1/2	1/4	1 11/16	.10	780
3	640-3303	3/8	2	1 1/4	1 1/2	1	1 1/16	3/8	2 1/2	.25	1,160
5	640-3305	1/2	2	1 1/4	1 1/2	1	1 1/16	3/8	2 1/2	.25	2,150
6	640-3306	5/8	2 1/2	1 1/2	2	1 3/16	1	1/2	3 3/16	.63	3,440
7	640-3307	3/4	3	1 3/4	2 3/8	1 1/4	1	5/8	3 7/8	1.00	5,140



Eye and Eye Swivels

Drop forged from Type 303 stainless. Larger sizes available on special order.

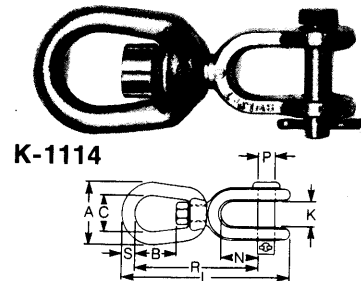
Size, Inches	Stock Numbers	Dimensions, Inches					Weight Each, Pounds	Working Load Limit*, Pounds
		A	B	C	D	R		
3/8	640-4006	2	1 1/8	1 1/4	1 1/2	4 5/16	.60	2,150
1/2	640-4008	2 1/2	1 3/8	1 1/2	2	5 7/16	1.25	3,440



Jaw and Eye Swivels

Drop forged. Eye is Type 304, jaw is Type 303 and pin is 18/8 stainless steel. Larger sizes available on special order.

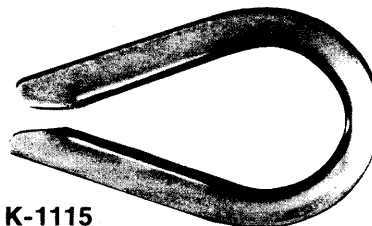
Size, Inches	Stock Numbers	Dimensions, Inches							Weight Each, Pounds	Working Load Limit*, Pounds
		A	B	C	K	N	P	R		
3/8	640-4106	2	1 1/8	1 1/4	5/8	1 1/16	3/8	3 5/8	.56	2,150
1/2	640-4108	2 1/2	1 3/8	1 1/2	7/8	1 3/8	1/2	4 1/2	1.25	3,440



Thimbles

Drop forged from Type 302 stainless.

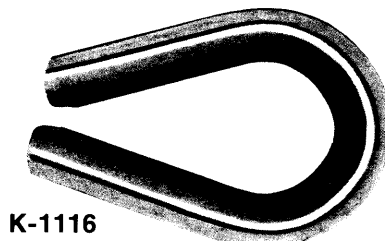
Note: Thimbles are not designed for load carrying purposes; therefore, working load limits have not been established.



For Rope Dia., Inches	Stock Numbers	Dimensions, Inches			Weight Per 100, Pounds
		Overall Thickness	Overall Length	Inside Width	
1/8	640-7502	9/32	1 3/4	2 3/32	3
3/16	640-7503	1 1/32	1 3/4	2 3/32	3
1/4	640-7504	3/8	1 7/8	2 3/32	5
5/16	640-7505	7/16	2 3/32	2 7/32	5
3/8	640-7506	9/16	2 1/4	3 1/32	8
1/2	640-7508	2 1/32	2 1/2	1 5/32	14

Heavy Thimbles

Drop forged from Type 304 stainless.



For Rope Dia., Inches	Stock Numbers	Dimensions, Inches			Weight Per 100, Pounds
		Overall Thickness	Overall Length	Inside Width	
1/4	640-7604	1 3/32	2 3/16	7/8	7.5
5/16	640-7605	1/2	2 1/2	1 1/16	14
3/8	640-7606	2 1/32	2 7/8	1 1/8	25
1/2	640-7608	2 7/32	3 5/8	1 1/2	51
5/8	640-7610	1	4 1/4	1 3/4	75
3/4	640-7612	1 1/4	5	2	147

*Warning: Do not exceed Working Load Limit.



Miscellaneous Stainless Steel Products

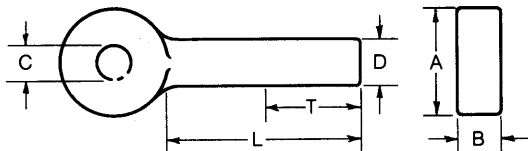
Rod Ends

Blanks are drop forged from 18/8, Type 304 stainless. Furnished ready for machining, but can also be drilled, cut and threaded. If machining is required, specify eye diameter "C" and thread length "T". Other sizes and grades available on special order.



K-1131

Stock Numbers	Dimensions, Inches				Weight Each, Pounds
	A	B	D	L	
640-6501	3/4	3/8	3/8	2	.16
640-6502	15/16	9/16	1/2	6	.50
640-6503	1 1/4	1 1/16	5/8	6	.89
640-6504	1 3/4	1 1/16	3/4	3 5/8	1.06
640-6505	1 1/2	1 3/16	3/4	6	1.25
640-6506	1 3/4	1 5/16	7/8	6	1.90
640-6507	2	1 1/8	1	9	3.40

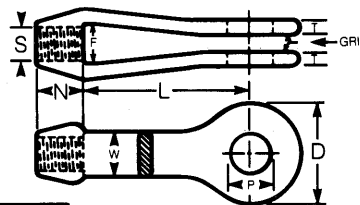


Clevis Nuts

Drop forged from 18/8, Type 303 stainless. Supplied with straight pin and cotter for each end. Larger sizes and other types of stainless available on special order. When ordering, specify tap size, direction (RH or LH), grip and pin size.



K-1132

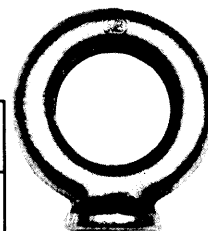


Clevis Number	Stock Numbers		Dimensions, Inches								Weight Without Pin, Pounds
	Blank	Drilled & Tapped	Max. Tap, S	Max. Pin, P	Dia. Eye, D	Thick-ness, T	Fork, F	Nut, N	Length, L	Width, W	
2	640-3276	640-3226	5/8	5/8	1 7/16	5/16	7/8	5/8	3 11/16	1 1/16	1.2
2 1/2	640-3278	640-3228	1	1 1/4	2 1/2	5/16	1 3/16	1 1/8	4	1 1/4	2

Pad Eyes

For material handling equipment and marine vessels. Suitable for welding. Drop forged from Type 304 stainless.

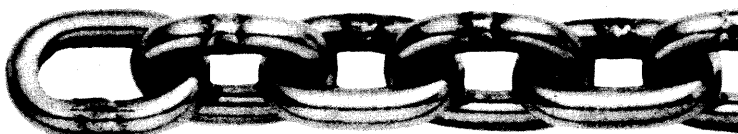
Size No.	Stock Numbers	Dimensions, Inches				Weight Each, Pounds
		I.D. of Eye	O.D. of Eye	Shoulder Diameter	Overall Height	
12	640-3712	3/4	1 3/8	2 1/32	1 9/16	.10
13	640-3713	1	1 3/4	7/8	2	.18
14	640-3714	1 1/4	2 1/4	1 3/32	2 5/8	.46
15	640-3715	1 1/2	2 3/4	1 3/8	3 1/4	.77



K-1106

Stainless Steel Chain

Made of Types 316 and 304L stainless. Electrically welded. For use in food processing, chemical and marine applications and wherever corrosion resistant chain is needed. Do not use for overhead lifting. Proof tested. Bright finish. Minimum elongation 15%. Bulk packaged. Order unit is feet.



K-1133

Trade Size		Stock Numbers	Actual Mat. Dia.	Type Stainless	Inside Length, Inches	Inside Width, Inches	Pounds Per 100 Feet	Working Load Limit*	
Inches	MM.							Pounds	Kgs.
1/8	4	019-0411	.125	316	.68	.312	13	150	68
3/16	5	019-0711	.218	304L	.95	.375	41	1,200	544
1/4	7	019-0911	.281	304L	.86	.450	77	2,000	907
5/16	8	019-1111	.312	304L	.94	.460	95	2,450	1,111
3/8	10	019-1311	.375	304L	1.10	.550	165	3,550	1,610

Note: See Form No. 3129 for suggested resale prices.

*Warning: Do not exceed Working Load Limit.

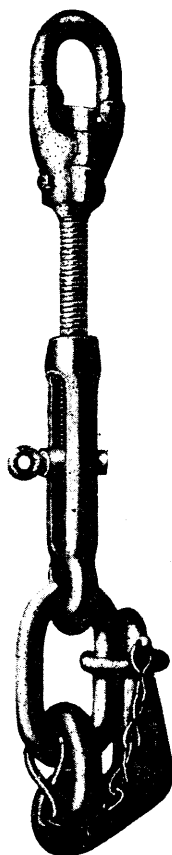


W.J. KEATING LIMITED

NAVAL SCREWS and SENHOUSE SLIPS

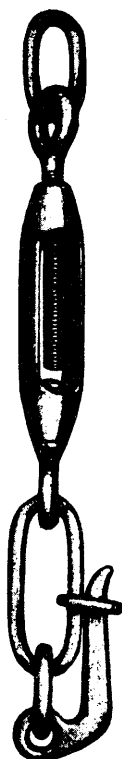
TO NAVAL SPECIFICATIONS

PRICES ON APPLICATION

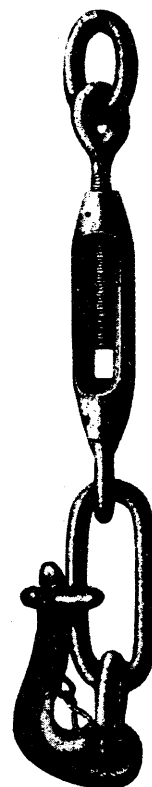


**RIGGING SCREW
WITH SLIP
ADMIRALTY
PATTERNS
51 to 59**

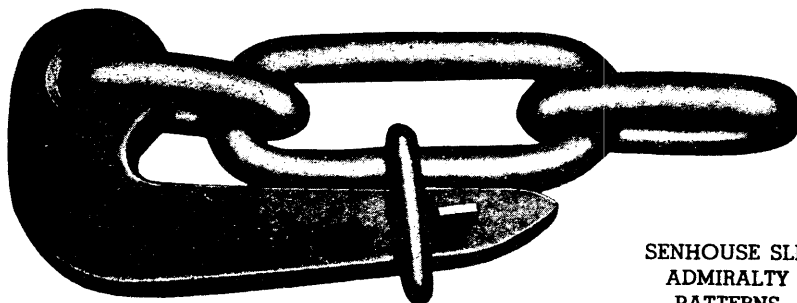
**WITHOUT SLIP
ADMIRALTY
PATTERNS
60 to 69**



**SCREW
ADMIRALTY
PATTERN
No. 1916**



**SCREW
ADMIRALTY
PATTERN
No. 1916-A**

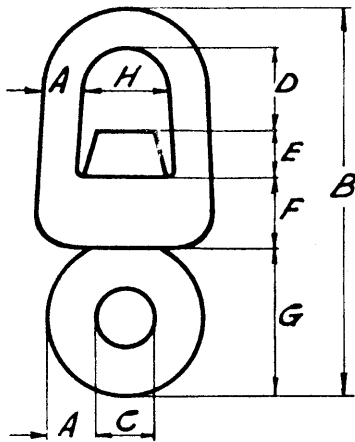


**SENHOUSE SLIP
ADMIRALTY
PATTERNS
Nos. 1912 to 1915**



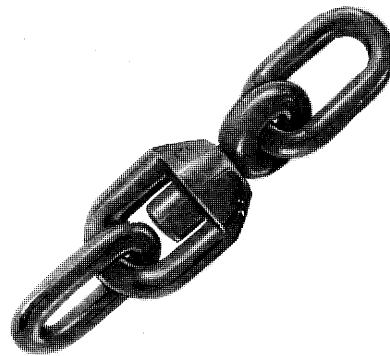
W.J. KEATING LIMITED

DROP FORGED MILD STEEL SWIVELS



K-1135

K-1135 SHOWN WITH END LINKS



- ALL FORGED STEEL
 - NO WELDING
 - NO THREADING
 - NO CASTINGS
- AVAILABLE IN HEAT TREATED HIGH CARBON STEEL FOR USE WITH HIGHER TEST CHAIN

DIMENSIONS IN INCHES

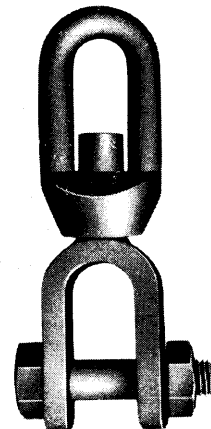
Chain Size	A dia. of Swivel	B	BI	C	D	E	F	G	H
3/16	1/4	2 1/2	3	1/4	1/2	1/2	9/16	11/16	1/2
1/4	5/16	3 1/8	3 1/2	3/8	1/2	9/16	3/4	15/16	9/16
5/16	3/8	3 1/2	4 1/8	7/16	9/16	9/16	3/4	1 3/16	9/16
3/8	7/16	4 1/4	4 5/8	1/2	3/4	9/16	15/16	1 3/8	11/16
7/16	1/2	4 3/4	5 1/4	5/8	15/16	11/16	1	1 5/8	3/4
1/2	5/8	5 3/8	6 3/4	3/4	1	11/16	1 3/16	2	7/8
5/8	3/4	6 3/4	8 1/4	7/8	1 1/4	15/16	1 3/8	2 3/8	1 1/4
3/4	7/8	7 3/4	8 7/8	1 3/16	1 1/4	1 1/8	1 1/2	2 13/16	1 5/16
7/8	1	8 3/4	10 3/8	1 1/8	1 1/2	1 1/4	1 3/4	3 1/4	1 1/2
1	1 1/8	9 3/4	12 3/8	1 5/16	1 1/2	1 3/8	1 5/8	3 5/8	1 3/4
1 1/8	1 1/4	10 3/4	13 5/8	1 1/2	2	1 3/8	1 7/8	4	2
1 1/4	1 3/8	11 1/4	14 5/8	1 3/4	2 1/4	1 1/2	1 1/2	4 1/2	2 1/8
1 3/8	1 1/2	12 1/2	16 1/4	2	2	1 5/8	2 3/8	5	2 1/2
1 1/2	1 3/4	15	19 1/4	2 1/4	2 3/4	2	2 3/4	5 3/4	3
1 3/4	2	16 1/4	19 3/4	2 1/2	2 7/8	2 1/8	3	6 1/4	3

K-1224



SWIVEL WITH OVAL EYE AND LONG BOW

K-1225



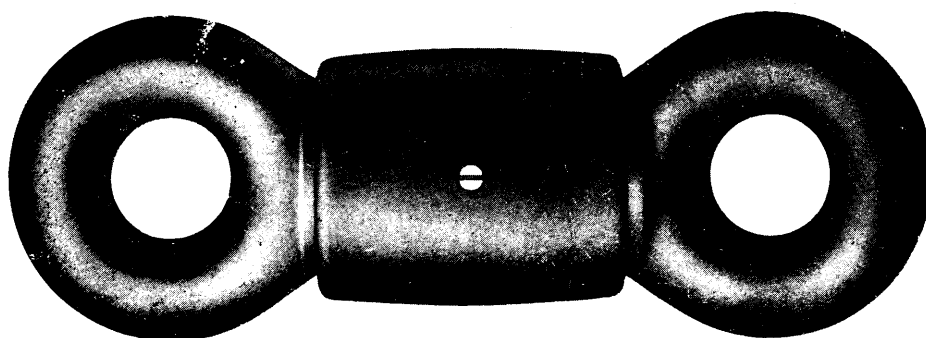
SWIVEL SHACKLE



W.J. KEATING LIMITED

TOTALLY ENCLOSED PLAIN BEARING SWIVEL

DESIGNED TO WITHSTAND SEVERE WORKING CONDITIONS
WEATHER-PROOF, DUST PROOF AND HARD WEARING



K-1234

DUAL SOLID SWIVEL

PATENT No. 516502

ADVANTAGES OF THE PATENT SOLID SWIVEL

CONSTRUCTION. The Swivel consists of three separate parts, each made from the solid material, with the centre as the body. Each Eyebolt end has independent swivelling movement.

SAFETY FACTOR. In strength it surpasses any Swivel ever produced and the rotating movement is unimpaired right up to the point of destruction.

SWIVELLING ACTION. The Swivel has the perfect free and smooth movement of a Ball Bearing type.

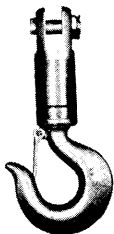
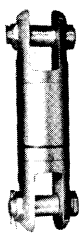
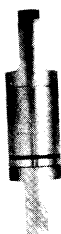
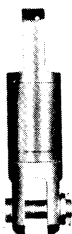
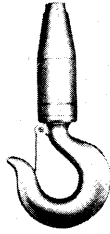
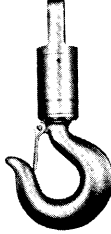
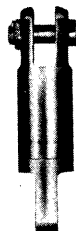
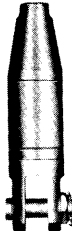
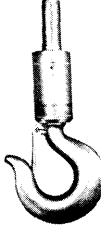
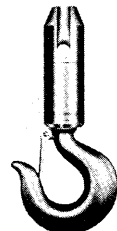
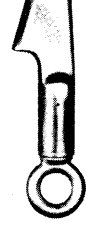
LUBRICATION. This is not essential, but occasional application of oil or grease ensures a capacity for very long and continuous use. For this purpose the barrel is fitted with an oil hole.

ECONOMY. Although having ALL the advantages of the most expensive Ball Bearing type, and NONE of the disadvantages, the DUAL (PATENT) SOLID SWIVEL is CHEAPER than a Ball Bearing Swivel.



ANGULAR CONTACT BALL BEARING SWIVELS

- 23 models
- working loads from 1/2 to 650 tons

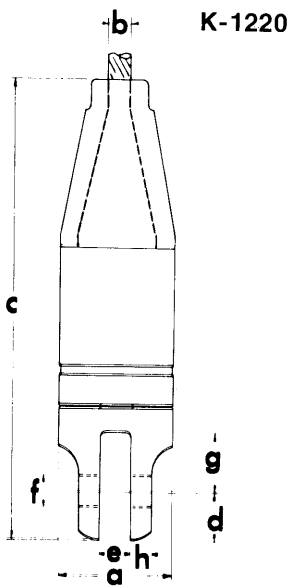
K-1210 CLEVIS CAP  SAFETY HOOK SHANK	K-1211 CLEVIS CAP  CLEVIS SHANK	K-1212 EYE CAP  EYE SHANK	K-1213 EYE CAP  CLEVIS SHANK	K-1214 SOCKET CAP  SAFETY HOOK SHANK	K-1215 CLEVIS CAP  EYE BOLT SHANK	K-1216 SOCKET CAP  STUD SHANK	K-1217 EYE CAP  SAFETY HOOK SHANK
K-1218 STUD CAP  CLEVIS SHANK	K-1219 CLEVIS CAP  EYE SHANK	K-1220 SOCKET CAP  CLEVIS SHANK	K-1221 SOCKET CAP  EYE SHANK	K-1222 BULLET CLEVIS CAP  BULLET CLEVIS SHANK	K-1223 EYE CAP  SAFETY HOOK SHANK	K-1224 SAFETY HOOK CAP  EYE BOLT SHANK	K-1225 WEDGE CAP  SAFETY HOOK SHANK
K-1226 WEDGE CAP  CLEVIS SHANK	K-1227 WEDGE CAP  EYE SHANK	K-1228 THIMBLE CAP  SAFETY HOOK SHANK	K-1229 THIMBLE CAP  CLEVIS SHANK	K-1230 THIMBLE CAP  EYE SHANK	K-1231 WEDGE CAP  EYE BOLT SHANK	K-1232 STUD CAP  EYE BOLT SHANK	



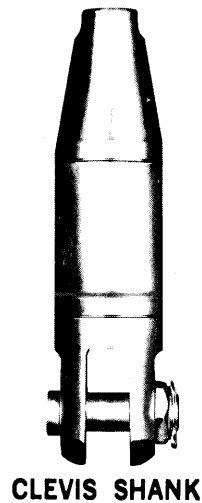
W.J. KEATING LIMITED

ANGULAR CONTACT BALL BEARING SWIVELS

Model	Wire Rope Size	a	b	c	d	e	f	g	h	Max. Load Limit Tons	Swivel Weight
A	$\frac{1}{8}$	$\frac{7}{8}$	$\frac{1}{8}$	$3 \frac{5}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{4}$	$1\frac{13}{32}$	$\frac{3}{16}$	.45	0# 5 oz.
BB	$\frac{1}{4}$	$1 \frac{5}{16}$	$\frac{5}{16}$	$5 \frac{1}{8}$	$\frac{7}{16}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{9}{16}$	$\frac{7}{32}$	.75	1# 1 oz.
B	$\frac{3}{8}$	$1 \frac{5}{8}$	$\frac{7}{16}$	$6 \frac{3}{16}$	$1\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{2}$	$2\frac{25}{32}$	$\frac{5}{16}$	1.5	1# 14 oz.
C	$\frac{1}{2}$	2	$\frac{9}{16}$	$8\frac{13}{16}$	$1\frac{15}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	$1 \frac{3}{16}$	$\frac{3}{8}$	3	4# 7 oz.
D	$\frac{5}{8}$	$2 \frac{1}{2}$	$1\frac{11}{16}$	$10 \frac{7}{16}$	$1 \frac{1}{8}$	1	$\frac{7}{8}$	$1 \frac{9}{16}$	$\frac{9}{16}$	5	8# 11 oz.
EE	$\frac{3}{4}$	3	$1\frac{13}{16}$	$12 \frac{3}{4}$	$1\frac{13}{32}$	$1 \frac{1}{16}$	$1 \frac{3}{16}$	$2 \frac{3}{32}$	$1\frac{17}{32}$	8.5	14# 8 oz.
G	$\frac{7}{8}$	4	$3\frac{1}{32}$	$16 \frac{1}{4}$	$1 \frac{3}{4}$	$1 \frac{3}{4}$	$1 \frac{1}{2}$	$3 \frac{1}{2}$	$1\frac{13}{16}$	10	33#
GG	1	4	$1 \frac{1}{8}$	$16 \frac{1}{4}$	$1 \frac{3}{4}$	$1 \frac{3}{4}$	$1 \frac{1}{2}$	$3 \frac{1}{2}$	$1\frac{13}{16}$	15	33#
H	$1 \frac{1}{4}$	5	$1 \frac{3}{8}$	$20 \frac{3}{8}$	$2 \frac{3}{8}$	2	$2 \frac{1}{32}$	$3\frac{11}{16}$	$1 \frac{1}{8}$	25	74#
HH	$1 \frac{1}{2}$	5	$1 \frac{5}{8}$	$20 \frac{3}{8}$	$2 \frac{3}{8}$	2	$2 \frac{1}{32}$	$3\frac{11}{16}$	$1 \frac{1}{8}$	35	74#



SOCKET CAP

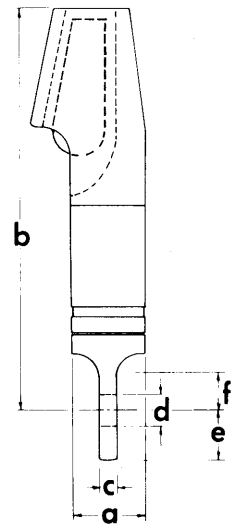


CLEVIS SHANK

WEDGE CAP



EYE SHANK



K-1227

Model	Wire Rope Size	a	b	c	d	e	f	Max. Load Limit Tons	Swivel Weight
C	$\frac{1}{2}$	2	$10 \frac{1}{4}$	$\frac{3}{4}$	$2\frac{29}{32}$	1	$1\frac{15}{16}$	3	6# 1 oz.
D	$\frac{1}{2}, \frac{5}{8}$	$2 \frac{1}{2}$	$12 \frac{1}{2}$	1	$1 \frac{1}{4}$	$1 \frac{3}{16}$	$1 \frac{5}{16}$	5	12#
EE	$\frac{1}{2}, \frac{5}{8}, \frac{3}{4}$	3	$14 \frac{1}{4}$	$1 \frac{1}{4}$	$1\frac{13}{32}$	$1 \frac{1}{2}$	$1 \frac{5}{8}$	8.5	20# 8 oz.
G	$\frac{3}{4}, \frac{7}{8}$	4	$19\frac{11}{16}$	$1\frac{23}{32}$	$1 \frac{5}{8}$	$1\frac{13}{16}$	$2\frac{27}{32}$	10	45#
GG	$\frac{7}{8}, 1$	4	$19 \frac{3}{8}$	2	2	$2 \frac{1}{8}$	$2\frac{25}{32}$	15	46#
H	$1 \frac{1}{8}$	5	$24\frac{15}{16}$	$2 \frac{1}{4}$	$2 \frac{5}{16}$	$2 \frac{3}{8}$	$2 \frac{7}{8}$	25	98#
HH	$1 \frac{1}{4}$	5	$24\frac{15}{16}$	$2 \frac{1}{4}$	$2 \frac{5}{16}$	$2 \frac{3}{8}$	$2 \frac{7}{8}$	35	98#

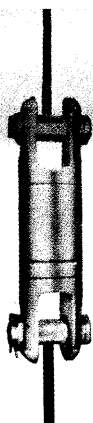


W.J. KEATING LIMITED

STAINLESS STEEL SWIVELS

For high pressure, underwater & chemical applications

Pressure compensating up to depths of 10,000 feet.



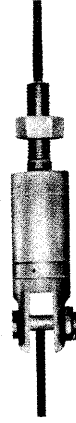
K-2020



K-2021



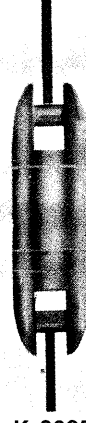
K-2022



K-2023



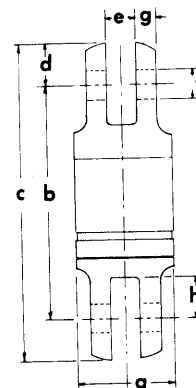
K-2024



K-2025

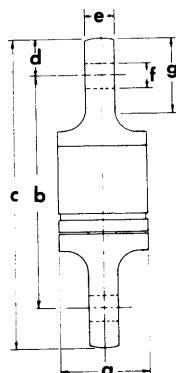
Model	Wire Rope Size	a	⁽¹⁾ b	⁽¹⁾ c	d	e	f	g	h	Work Load Tons	Approx. Swivel Weight ⁽²⁾
A ⁽⁴⁾	1/4	3/8	2 3/8	3 1/8	3/8	1/4	1/4	3/8	1 1/2	.45	6 oz.
BB	1/4	1 1/8	3 1/8	5 1/8	3/8	3/8	3/8	1/2	3/4	.75	1 #
B	3/8	1 3/8	5	6 3/8	1 1/8	1/2	1/2	3/8	2 1/2	1.5	2 #
C	1/2	2	5 3/8	9 3/8	1 3/8	3/4	3/4	3/8	1 3/4	3	5 #
D	3/4	2 1/2	9 3/8	11 3/8	1 1/2	1	3/4	1 1/8	1 3/4	5	10 #
EE	3/4	3	10 3/8	13 3/8	1 1/2	1 1/8	1 1/8	1 1/2	2 1/2	8.5	15 #
GG	1	4	15 1/2	19	1 3/4	1 3/4	1 1/2	1 3/8	3 1/2	15	43 #
HH	1 1/2	5	18 3/8	22 1/8	2 3/8	2	2 1/2	1 1/4	3 1/8	35	85 #
I		6	22 3/8	28 3/8	3	2 1/2	2 1/4	1 1/4	4	45	156 #
JJ		7	24	31	3 1/2	3	2 1/2	1 1/2	4 1/2	60	229 #
K		8	27	35	4	3 1/2	3 1/2	1 3/4	5	75	328 #
KK		10	36 1/2	47 1/2	5 1/2	4 1/8	4 1/2	2	6 3/4	100	747 #

For swivels over 100-ton capacity, write for details.



K-2020

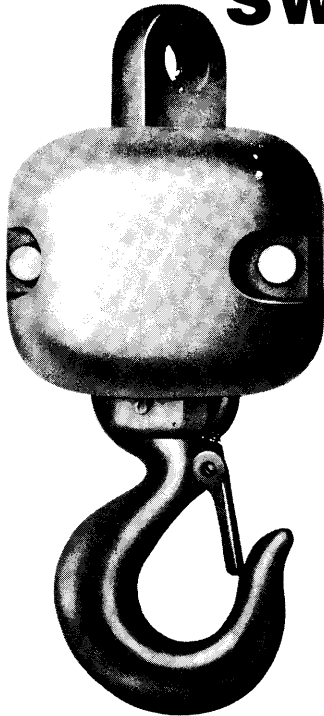
K-2021



Model	Wire Rope Size	a	⁽¹⁾ b	⁽¹⁾ c	d	e	f	g	Work Load Tons	Approx. Swivel Weight ⁽²⁾
A ⁽⁴⁾	1/4	3/8	2 3/8	3 1/8	3/8	1/4	1/4	3/8	.45	5 oz.
BB	1/4	1 1/8	4 1/8	5 1/8	3/8	3/8	3/8	1 1/8	.75	1 #
B	3/8	1 3/8	5	6 3/8	3/8	1/2	1/2	1 1/2	1.5	2 #
C	1/2	2	7 3/8	9 3/8	1	3/4	3/4	1 3/8	3	5 #
D	3/4	2 1/2	9 3/8	11 3/8	1 1/8	1	1 1/4	2 1/2	5	10 #
EE	3/4	3	10 3/8	13 3/8	1 1/2	1 1/8	1 1/2	3 3/8	8.5	16 #
GG	1	4	15 1/2	19	2 3/8	2	2 1/2	4 3/8	15	43 #
HH	1 1/2	5	18 3/8	22 1/8	2 3/8	2 1/4	2 1/2	5 1/4	35	79 #
I		6	22 3/8	28 3/8	3	2 1/2	2 1/2	7	45	142 #
JJ		7	24	31	3 1/2	3 1/2	2 1/2	7	60	231 #
K		8	27	35	4	3 1/2	3 1/2	8 1/4	75	340 #
KK		10	36 1/2	47 1/2	5 1/2	4 1/2	4 1/2	11 3/4	100	704 #

For swivels over 100-ton capacity, write for details.

**6 MODELS WITH CAPACITIES FROM
1/2 TON TO 600 TONS WORKING LOAD CAPACITIES**

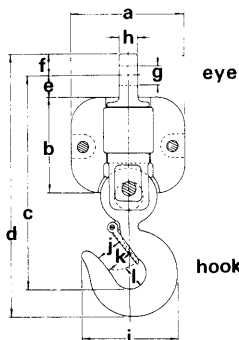


SWIVELER CRANE HOOKS EQUIPPED WITH WEIGHT BALLS ... capacities 3 to 15 tons

OVERHAUL WEIGHTS 35 TO 575 LBS.

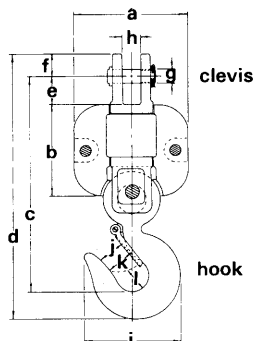
Economy-priced Swivelers are also available with weight balls to provide 35 to 575 lbs. overhaul weight. These compact crane hooks require minimum head room. They are equipped with forged steel hooks with spring-loaded, hook latches. Choice of clevis or eye caps. 3 to 15 ton working load capacities.

K-1075 EYE AND HOOK



Part No.	WIRE ROPE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	TOTAL WGT. LBS.	MAX. LOAD TONS
060-1307	1/2	6	5	10 3/8	12 1/8	1 1/4	1 1/8	1	1	4 1/8	1 1/32	1 1/2	1 3/8	35	3
060-3804	5/8-3/4	9	6 1/2	14 1/8	17 3/8	1 3/8	1 1/2	1 3/8	1 3/8	6 1/2	1 1/8	1 7/8	1 25/32	100	6
060-3822	5/8-3/4	12 1/2	8	14 1/8	17 3/8	1 3/8	1 1/2	1 3/8	1 3/8	6 1/2	1 1/8	1 7/8	1 25/32	250	6
060-3840	3/4-7/8	11	8	18 5/8	22 7/8	2	1 5/8	1 5/8	1 3/8	8 1/8	2 1/4	2 1/2	2 3/8	200	10
060-3868	3/4-7/8	13	10	18 5/8	22 7/8	2	1 5/8	1 5/8	1 3/8	8 1/8	2 1/4	2 1/2	2 3/8	325	10
060-3902	1"	15	12	22 1/2	27 3/8	2 1/2	1 7/8	2 1/8	1 1/8	11	3	3 3/8	2 7/8	575	15

K-1076 CLEVIS AND HOOK



Part No.	WIRE ROPE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	TOTAL WGT. LBS.	MAX. LOAD TONS
060-3403	1/2	6	5	10 1/2	13 1/8	1 3/8	1 3/8	3/4	1	4 1/8	1 1/32	1 1/2	1 3/8	35	3
060-3421	5/8-3/4	9	6 1/2	14 3/4	18	1 3/4	1 1/2	1	1 1/8	6 1/2	1 1/8	1 7/8	1 25/32	100	6
060-3449	5/8-3/4	12 1/2	8	14 3/4	18	1 3/4	1 1/2	1	1 1/8	6 1/2	1 1/8	1 7/8	1 25/32	250	6
060-3467	3/4-7/8	11	8	18 3/4	23	2 1/8	1 5/8	1 1/4	1 3/8	8 1/8	2 1/4	2 1/2	2 3/8	200	10
060-3500	3/4-7/8	13	10	18 3/4	23	2 1/8	1 5/8	1 1/4	1 3/8	8 1/8	2 1/4	2 1/2	2 3/8	325	10
060-3528	1"	15	12	22 1/2	27 3/8	2 1/2	1 7/8	1 3/8	1 3/4	11	3	3 3/8	2 7/8	575	15

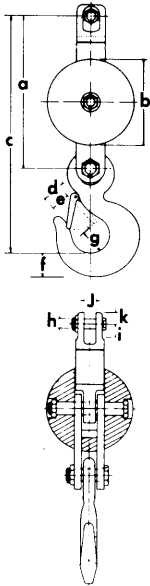


HEADACHE BALL ASSEMBLIES

Single lines perform better and last longer when rigged with headache balls. Mounted above the ball, the swivel prevents both load and ball from spinning. This eliminates the twisting forces that frequently cause wire rope to unlay and snap. The compact assembly of cap, swivel, ball, and hook saves headroom. Forged steel hooks are equipped with latches. The latch is not a load supporting device—intended only to retain loose rigging.

K-1077

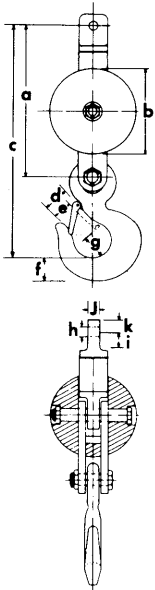
Headache Ball Assembly with clevis cap.



Part No.	Wire Rope Size	a	b	c	d	e	f	g	h	i	j	k	Wgt.	Max. Load Tons
060-2011	$\frac{5}{8}$	13 $\frac{5}{8}$	7	20 $\frac{1}{16}$	1 $\frac{7}{8}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	1 $\frac{3}{4}$	$\frac{7}{8}$	1 $\frac{1}{8}$	1	1 $\frac{1}{8}$	65	5
060-2039	$\frac{5}{8}$	13 $\frac{5}{8}$	8.5	20 $\frac{1}{16}$	1 $\frac{7}{8}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	1 $\frac{3}{4}$	$\frac{7}{8}$	1 $\frac{1}{8}$	1	1 $\frac{1}{8}$	100	5
060-2057	$\frac{3}{4}$	16 $\frac{1}{2}$	9	25 $\frac{3}{4}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{3}{8}$	2 $\frac{3}{32}$	1 $\frac{1}{8}$	1 $\frac{11}{32}$	130	8.5
060-2075	$\frac{3}{4}$	16 $\frac{1}{2}$	10	25 $\frac{3}{4}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{3}{8}$	2 $\frac{3}{32}$	1 $\frac{1}{8}$	1 $\frac{11}{32}$	170	8.5
060-2119	$\frac{3}{4}$	17 $\frac{3}{8}$	11	26 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{3}{8}$	2 $\frac{3}{32}$	1 $\frac{1}{8}$	1 $\frac{11}{32}$	215	8.5
060-2137	$\frac{3}{4}$	17 $\frac{3}{8}$	12	26 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{3}{8}$	2 $\frac{3}{32}$	1 $\frac{1}{8}$	1 $\frac{11}{32}$	265	8.5
060-2155	$\frac{3}{4}$	17 $\frac{3}{8}$	12	27 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{3}{8}$	2 $\frac{3}{32}$	1 $\frac{1}{8}$	1 $\frac{11}{32}$	330	8.5
060-5615	$\frac{7}{8}$	22 $\frac{1}{8}$	13	32 $\frac{7}{8}$	3 $\frac{3}{8}$	3	3	3 $\frac{3}{8}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$	364	10
060-5633	1	22 $\frac{1}{8}$	13	32 $\frac{7}{8}$	3 $\frac{3}{8}$	3	3	3 $\frac{3}{8}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$	364	15
060-5651	1 $\frac{1}{2}$	25 $\frac{1}{16}$	13	37 $\frac{3}{4}$	4	3 $\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{3}{4}$	2	3 $\frac{11}{16}$	2	2 $\frac{5}{8}$	416	25
060-5679	1 $\frac{1}{2}$	25 $\frac{1}{16}$	13	41 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{3}{4}$	4 $\frac{9}{16}$	4 $\frac{1}{2}$	2	3 $\frac{11}{16}$	2	2 $\frac{5}{8}$	490	35
060-5713	$\frac{7}{8}$	24 $\frac{3}{8}$	16	35 $\frac{3}{8}$	3 $\frac{3}{8}$	3	3	3 $\frac{3}{8}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$	600	10
060-7418	1	24 $\frac{3}{8}$	16	35 $\frac{3}{8}$	3 $\frac{3}{8}$	3	3	3 $\frac{3}{8}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$	600	15
060-7436	1 $\frac{1}{2}$	26 $\frac{13}{16}$	16	39 $\frac{3}{8}$	4	3 $\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{3}{4}$	2	3 $\frac{11}{16}$	2	2 $\frac{5}{8}$	650	25
060-7454	1 $\frac{1}{2}$	26 $\frac{13}{16}$	16	44	4 $\frac{1}{4}$	3 $\frac{3}{8}$	4 $\frac{9}{16}$	4 $\frac{1}{2}$	2	3 $\frac{11}{16}$	2	2 $\frac{5}{8}$	720	35

K-1078

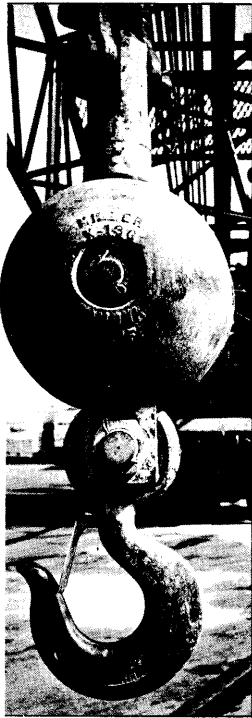
Headache Ball Assembly with eye cap.



Part No.	Wire Rope Size	a	b	c	d	e	f	g	h	i	j	k	Wgt.	Max. Load Tons
060-7515	$\frac{5}{8}$	13 $\frac{5}{8}$	7	20 $\frac{1}{16}$	1 $\frac{7}{8}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	1 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	1	1 $\frac{1}{8}$	65	5
060-7533	$\frac{5}{8}$	13 $\frac{5}{8}$	8.5	20 $\frac{1}{16}$	1 $\frac{7}{8}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	1 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	1	1 $\frac{1}{8}$	100	5
060-7551	$\frac{3}{4}$	16 $\frac{5}{8}$	9	25 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{13}{32}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	130	8.5
060-8015	$\frac{3}{4}$	16 $\frac{5}{8}$	10	25 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{13}{32}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	170	8.5
060-8033	$\frac{3}{4}$	17 $\frac{3}{8}$	11	26 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{13}{32}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	215	8.5
060-8051	$\frac{3}{4}$	17 $\frac{3}{8}$	12	26 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{13}{32}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	265	8.5
060-8113	$\frac{3}{4}$	18 $\frac{3}{8}$	13	27 $\frac{3}{8}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{13}{32}$	2 $\frac{5}{8}$	1 $\frac{13}{32}$	1 $\frac{3}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	330	8.5
060-8131	$\frac{7}{8}$	22 $\frac{1}{8}$	13	32 $\frac{13}{16}$	3 $\frac{3}{8}$	3	3	3 $\frac{3}{8}$	1 $\frac{5}{8}$	2 $\frac{7}{32}$	1 $\frac{3}{4}$	1 $\frac{13}{16}$	363	10
060-8159	1	21 $\frac{3}{4}$	13	32 $\frac{1}{2}$	3 $\frac{3}{8}$	3	3	3 $\frac{3}{8}$	2	2 $\frac{7}{32}$	2	2 $\frac{5}{8}$	363	15
060-1183	1 $\frac{1}{2}$	25 $\frac{1}{8}$	13	37 $\frac{3}{4}$	4	3 $\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{3}{4}$	2 $\frac{5}{8}$	2 $\frac{7}{8}$	2 $\frac{1}{4}$	2 $\frac{5}{8}$	413	25
060-1209	1 $\frac{1}{2}$	25 $\frac{1}{8}$	13	41 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{3}{4}$	4 $\frac{9}{16}$	4 $\frac{1}{2}$	2 $\frac{5}{8}$	2 $\frac{7}{8}$	2 $\frac{1}{4}$	2 $\frac{5}{8}$	487	35
060-1227	$\frac{7}{8}$	24 $\frac{1}{4}$	16	35	3 $\frac{3}{8}$	3	3	3 $\frac{3}{8}$	1 $\frac{5}{8}$	2 $\frac{7}{32}$	1 $\frac{3}{4}$	1 $\frac{13}{16}$	600	10
060-1245	1	24 $\frac{1}{4}$	16	35	3 $\frac{3}{8}$	3	3	3 $\frac{3}{8}$	2	2 $\frac{7}{32}$	2	2 $\frac{5}{8}$	600	15
060-1263	1 $\frac{1}{2}$	26 $\frac{13}{16}$	16	39 $\frac{3}{8}$	4	3 $\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{3}{4}$	2 $\frac{5}{8}$	2 $\frac{7}{8}$	2 $\frac{1}{4}$	2 $\frac{5}{8}$	650	25
060-1281	1 $\frac{1}{2}$	26 $\frac{13}{16}$	16	44	4 $\frac{1}{4}$	3 $\frac{3}{8}$	4 $\frac{9}{16}$	4 $\frac{1}{2}$	2 $\frac{5}{8}$	2 $\frac{7}{8}$	2 $\frac{1}{4}$	2 $\frac{5}{8}$	720	35



HEADACHE BALL ASSEMBLIES



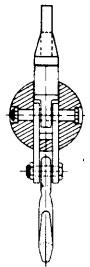
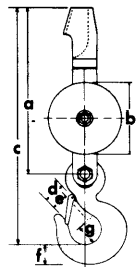
(SHOWN ABOVE IS A TYPE 2 HEADACHE BALL)

- 4 types — clevis, eye wedge, or thimble caps.
- Working loads from 5 to 35 tons.
- Overhaul weights from 65 to 750 lbs.
- For wire rope sizes from 1/2" to 1 1/2".

K-1079 Headache Ball Assembly with wedge cap.

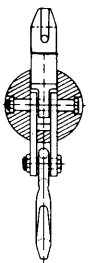
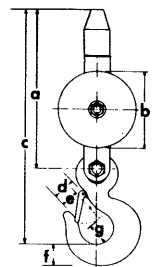
When ordering Type 3 specify wire rope size

Part No.	Wire Rope Size	a	b	c	d	e	f	g	Wgt.	Max. Load Tons
060-5624	1/2, 3/8	18 1/4	7	25 1/16	1 7/8	1 11/16	1 11/16	1 3/4	65	5
060-5642	1/2, 3/8	18 1/4	8.5	25 1/16	1 7/8	1 11/16	1 11/16	1 3/4	100	5
060-5660	1/2, 3/8, 3/4	21 1/4	9	30 1/2	2 1/2	2 1/4	2 15/32	2 5/8	130	8.5
060-5704	1/2, 3/8, 3/4	21 1/4	10	30 1/2	2 1/2	2 1/4	2 15/32	2 5/8	170	8.5
060-7409	1/2, 3/8, 3/4	22 1/8	11	31 3/8	2 1/2	2 1/4	2 15/32	2 5/8	215	8.5
060-7427	1/2, 3/8, 3/4	22 1/8	12	31 3/8	2 1/2	2 1/4	2 15/32	2 5/8	265	8.5
060-7445	1/2, 3/8, 3/4	23 1/8	13	32 3/8	2 1/2	2 1/4	2 15/32	2 5/8	336	8.5
060-7463	3/4, 7/8, 1	27 7/8	13	38 3/8	3 3/8	3	3	3 3/8	370	10
060-7506	3/4, 7/8, 1	27 7/8	13	38 3/8	3 3/8	3	3	3 3/8	370	15
060-7524	1 1/8, 1 1/4	34 3/8	13	46 3/8	4	3 1/2	3 1/4	3 3/4	439	25
060-7542	1 1/8, 1 1/4	34 3/8	13	50 3/8	4 1/4	3 3/4	4 3/8	4 1/2	513	35
060-8006	3/4, 7/8, 1	28 13/16	16	39 3/8	3 3/8	3	3	3 3/8	600	10
060-8024	3/4, 7/8, 1	28 13/16	16	39 3/8	3 3/8	3	3	3 3/8	600	15
060-8042	1 1/8, 1 1/4	35 3/4	16	48 1/2	4	3 1/2	3 1/4	3 3/4	680	25
060-8060	1 1/8, 1 1/4	35 3/4	16	52 13/16	4 1/4	3 3/4	4 3/8	4 1/2	750	35



K-1080 Headache Ball Assembly with thimble cap.

Part No.	Wire Rope Size	a	b	c	d	e	f	g	Wgt.	Max. Load Tons
060-8104	3/8	15	7	21 13/16	1 7/8	1 11/16	1 11/16	1 3/4	65	5
060-8122	3/8	15	8.5	21 13/16	1 7/8	1 11/16	1 11/16	1 3/4	100	5
060-8140	3/4	18 3/8	9	21 3/8	2 1/2	2 1/4	2 15/32	2 5/8	130	8.5
060-0610	3/4	18 3/8	10	27 3/8	2 1/2	2 1/4	2 15/32	2 5/8	170	8.5
060-0638	3/4	19 3/8	11	28 3/8	2 1/2	2 1/4	2 15/32	2 5/8	215	8.5
060-0656	3/4	19 3/8	12	28 3/8	2 1/2	2 1/4	2 15/32	2 5/8	265	8.5
060-0674	3/4	20 3/8	13	29 3/8	2 1/2	2 1/4	2 15/32	2 5/8	332	8.5
060-0692	1	23 3/8	13	34 3/8	3 3/8	3	3	3 3/8	366	10
060-0718	1	23 3/8	13	34 3/8	3 3/8	3	3	3 3/8	366	15
060-0736	1 1/8, 1 1/4	27 3/8	13	39 3/8	4	3 3/4	3 3/4	3 3/4	420	25
060-2217	1 1/8, 1 1/4	27 3/8	13	44 3/8	4 1/4	3 3/4	4 3/8	3 3/4	500	35
060-2235	1	26 1/8	16	36 3/8	3 3/8	3	3	3 3/8	600	10
060-2253	1	26 1/8	16	36 3/8	3 3/8	3	3	3 3/8	600	15
060-2271	1 1/8, 1 1/4	29 3/8	16	41 3/8	4	3 3/4	3 3/4	3 3/4	650	25
060-2315	1 1/8, 1 1/4	29 3/8	16	45 3/8	4 1/4	3 3/4	4 3/8	3 3/4	720	35



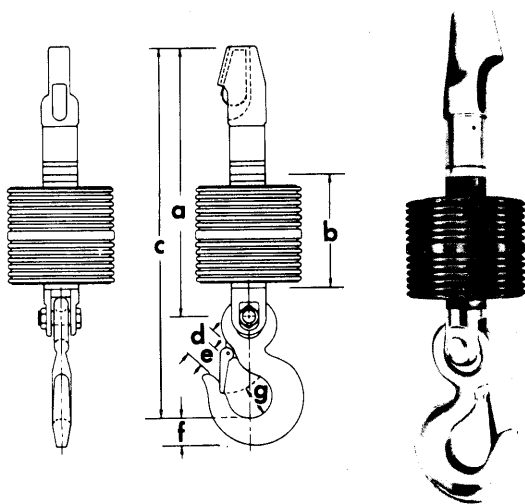


W.J. KEATING LIMITED

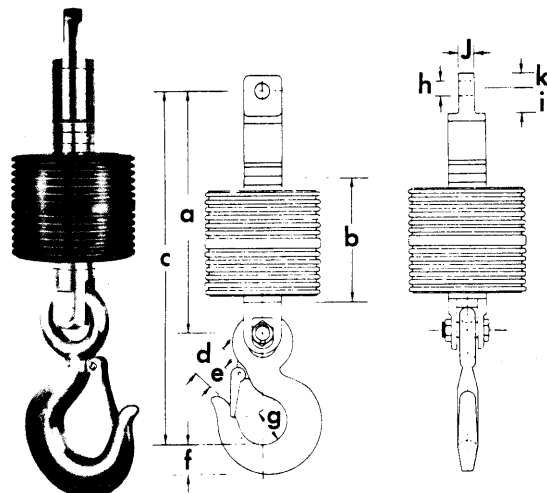
INSULATOR LINKS (50,000 volt protection)

Part No.	Wire Rope Size	a	b	c	d	e	f	g	Wt. Lbs.	Max. Load Tons	Link Dia.
060-0629	1/2	14 1/2	4	19 1/16	1 1/2	1 11/32	1 3/8	1 3/8	15 1/2	3	3 3/16
060-0647	1/2	17 3/8	6 1/8	22 3/16	1 1/2	1 11/32	1 3/8	1 3/8	27	3	5 1/8
060-0665	5/8	19 5/8	6 1/8	27 1/16	1 7/8	1 11/16	1 11/16	1 3/4	36	5	5 1/8
060-0683	5/8	22	8 1/2	29 3/8	1 7/8	1 11/16	1 11/16	1 7/8	80	5	8 5/8
060-0709	3/4	23 13/16	8 1/2	33	2 1/2	2 1/4	2 5/8	2 5/8	102	8.5	8 5/8
060-0727	7/8	27 3/4	8 1/2	38 7/8	3 3/8	3	3	2 7/8	151	10	8 5/8
060-0745	1	29 3/4	10 1/2	40 7/8	3 3/8	3	3	2 7/8	254	10	11 7/8
060-2208	1 1/8	37 1/2	10 1/2	54 3/16	4 1/4	3 1/2	4 1/8	3 7/8	362	25	11 7/8
060-2226	1 1/4	37 1/2	10 1/2	54 3/16	4 1/4	3 3/4	4 1/8	3 7/8	390	35	12 1/2

**K-1081
WEDGE CAP**



**K-1082
EYE CAP**



Part No.	Wire Rope Size	a	b	c	d	e	f	g	h	i	j	k	Wt. Lbs.	Max. Load Tons	Link Dia.
060-2244	1/2	10 1/4	4	15 13/16	1 1/2	1 11/32	1 3/8	1 3/8	2 3/32	1 1/8	3/4	1	13 1/2	3	3 3/16
060-2262	1/2	13	6 1/8	18 1/2	1 1/2	1 11/32	1 3/8	1 3/8	2 3/32	1 1/8	3/4	1	25	3	5 1/8
060-2306	5/8	14 15/16	6 1/8	21 1/16	1 7/8	1 11/16	1 11/16	1 3/4	2 3/32	1 1/4	1 1/8	1	33	5	5 1/8
060-2002	5/8	17 3/8	8 1/2	24 1/16	1 7/8	1 11/16	1 13/16	1 3/4	2 3/32	1 1/4	1 1/8	1	77	5	8 5/8
060-2020	3/4	18 3/4	8 1/2	28 1/16	2 1/2	2 1/4	2 3/8	9 9/16	1 13/32	1 5/8	1 1/4	1 1/2	96	8.5	8 5/8
060-2048	7/8	23 15/16	8 1/2	35 1/16	3 3/8	3	3	2 7/8	1 7/32	2 7/32	1 3/4	1 13/16	144	10	8 5/8
060-2066	1	25 15/16	10 1/2	37 1/16	3 3/8	3	3	2 7/8	2 1/32	2 7/32	2	2 1/8	247	15	11 7/8
060-2100	1 1/8	28 1/4	10 1/2	45 3/16	4 1/4	3 3/4	4 1/8	3 3/8	2 3/16	2 3/8	2 1/4	2 3/8	342	25	11 7/8
060-2128	1 1/4	28 1/4	10 1/2	45 3/16	4 1/4	3 3/4	4 1/8	3 3/8	2 3/16	2 3/8	2 1/4	2 3/8	370	35	12 1/2
060-2146	32	10 1/2	50 1/16	4 3/4	4 1/4	5 1/8	4 3/4	2 1/32	3 1/2	2 1/2	3		475	45	12 1/2
060-5606	32 1/4	10 1/2	55	5 3/4	5 1/8	6	5 1/16	2 1/2	4	3 1/2	3 1/2		620	60	12 1/2