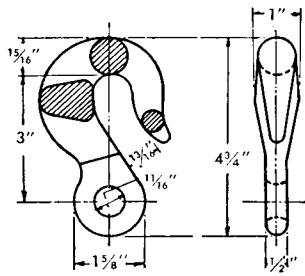
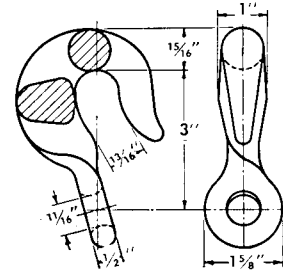




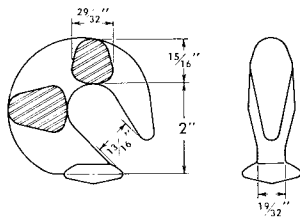
JULY 1, 1967

EYE HOOKS, BALL HOOKS

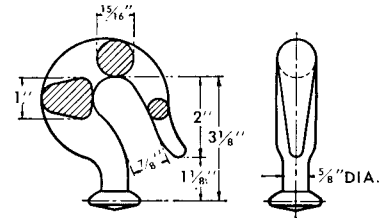
Cat. No. 3000



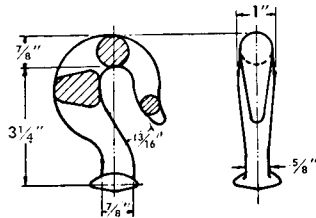
Cat. No. 3000-T



Cat. No. 3001



Cat. No. 3002



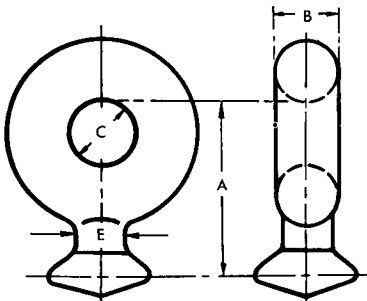
Cat. No. 3003

FORGED STEEL

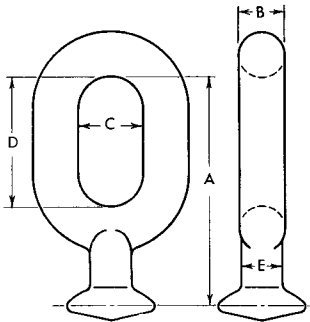
Cat. No.	Description	Ultimate Strength, Pounds	Shipping Weight, Lb/100
3000	Eye Hook, Straight	25,000	128
3000T	Eye Hook, 90° Twist	20,000	
3001	Safety Ball Hook	25,000	116
3002	Ball Hook	25,000	147
3003			135



BALL EYES



Cat. Nos. 3012, 3013



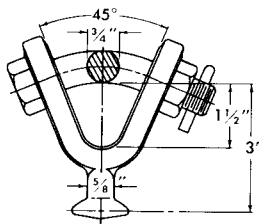
Cat. Nos. 3014, 3635

FORGED STEEL

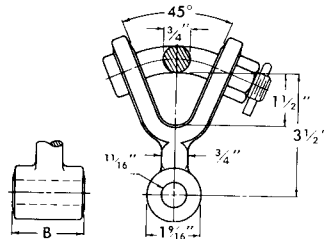
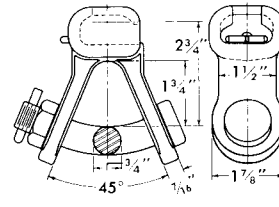
Cat. No.	Description	Ultimate Strength, Pounds	DIMENSIONS — Inches					Shipping Weight, Lb/100
			A	B	C	D	E	
3012	Ball Eye	25,000	2 3/32	9/16	1 1/16	—	5/8	65
3013		30,000	2 1/32	13/16	1 3/16	—	5/8	90
3014	Oval Ball Eye	30,000	3 1/2	1 1/16	1	2	5/8	100
3635		50,000	4 1/2	3/4	1 1/4	2 1/2	5/8	156



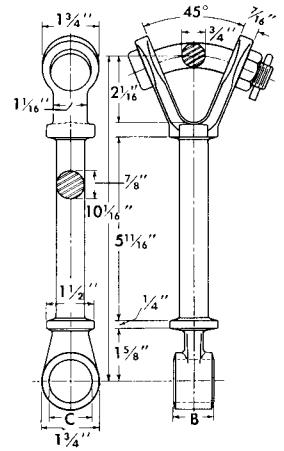
Y-TYPE CLEVISES



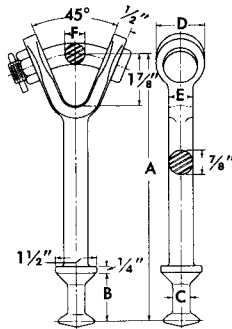
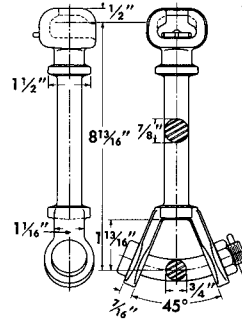
Cat. No. 3030


Cat. No. 3031 Cat. No. 3032-Eye
At 90° Angle


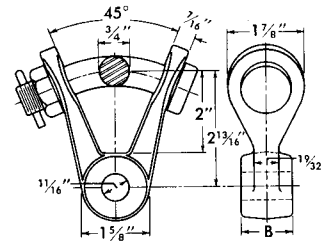
Cat. No. 3068



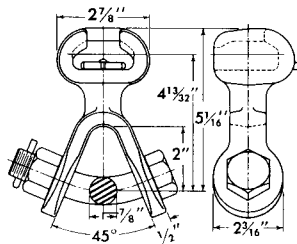
Cat. No. 3084


Cat. No. 3091
Cat. No. 3691


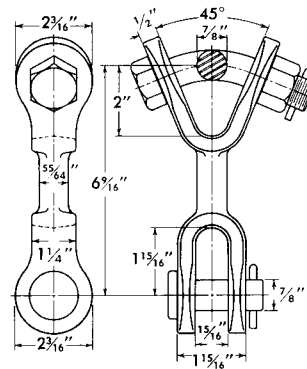
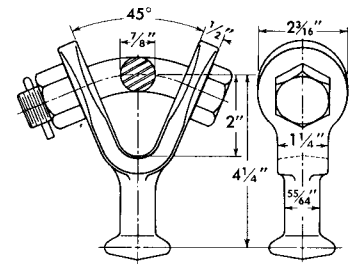
Cat. No. 3096



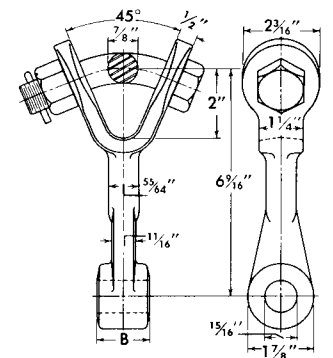
Cat. No. 3097



Cat. No. 3634


Cat. No. 3636
Cat. No. 3637-Eye
At 90° Angle


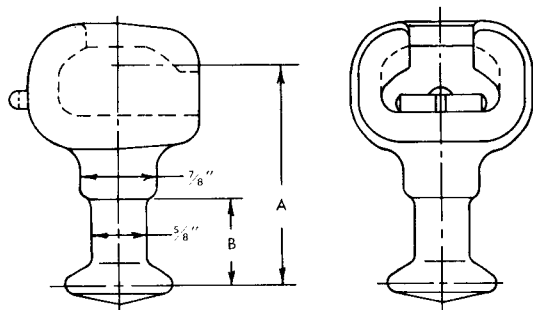
Cat. No. 3639



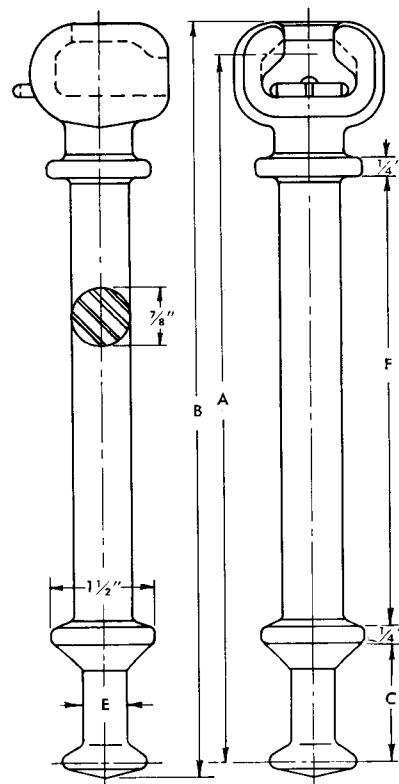
Cat. No.	Ultimate Strength, Pounds		DIMENSIONS—Inches						Shipping Weight, Lb/100
	Not Heat Treated	Heat Treated	A	B	C	D	E	F	
3030	—	—	—	—	—	—	—	—	200
3031	—	—	—	1/2 to 2	—	—	—	—	275
3032	20,000	30,000	—	1/2 to 2	—	—	—	—	275
3068	—	—	—	—	—	—	—	—	241
3084A	—	—	—	1 1/16	1 1/16	—	—	—	271
3084B	—	—	—	1 3/16	1 3/16	—	—	—	274
3084C	—	30,000	—	1 1/16	1 1/16	—	—	—	277
3084D	—	—	—	1 1/4	1 3/16	—	—	—	276
3084E	—	—	—	1 1/4	1 3/16	—	—	—	268
3084S	—	—	—	As Specified	—	—	—	—	—
3091	—	—	9 11/16	1 3/4	3/8	1 3/4	7/8	3/4	298
3096	—	30,000	—	—	—	—	—	—	312
3097	—	—	—	3/8 to 2 3/8	—	—	—	—	214
3633	—	—	—	—	—	—	—	—	249
3634	—	—	—	—	—	—	—	—	408
3636	—	50,000	—	—	—	—	—	—	520
3637	—	—	—	—	—	—	—	—	520
3639	—	—	—	3/4 to 1 1/2	—	—	—	—	360
3691	—	—	10 1/8	2	5 5/16	2 3/16	1 1/4	7/8	399



SOCKET BALL ADAPTERS

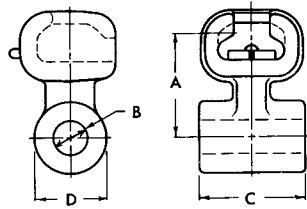


Cat. Nos. 3095, 3099

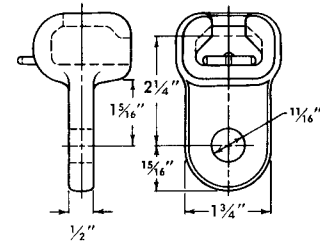


Cat. Nos. 3090, 3690

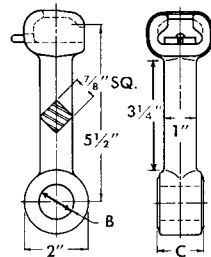
Cat. No.	Material	Ultimate Strength, Pounds	DIMENSIONS—Inches					Shipping Weight, Lb/100
			A	B	C	E	F	
3095	Forged Steel	30,000	3 1/2	1 3/8	—	—	—	125
3099			2 5/16	1	—	—	—	116
3090	Forged Steel	35,000	9 1/8	9 13/16	1 3/4	5/8	5 3/8	254
3690		50,000	11 1/2	12 3/8	2	55/64	7 3/8	415

**SOCKET EYE ADAPTERS**

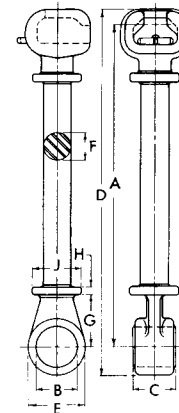
Cat. Nos. 1300, 3044, 3046, 3048, 3051



Cat. No. 3045



Cat. No. 3058



Cat. Nos. 3088, 3092, 3688

FORGED STEEL

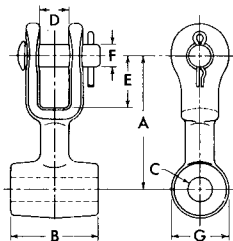
Cat. No.	Ultimate Strength, Pounds		DIMENSIONS—Inches									Shipping Weight, Lb/100
	Not Heat Treated	Heat Treated	A	B	C	D	E	F	G	H	J	
1300*	16,000 min.	—	2 1/8	1 1/16	1/2-2 3/16 †	1 1/2	—	—	—	—	—	Max. 205
3044	—	35,000	2 3/8	1 3/16	3/4	1 3/8	—	—	—	—	—	Max. 103
3045	20,000	30,000	—	—	—	—	—	—	—	—	—	117
3046	25,000	35,000	2 5/16	1 1/16	1-2 3/8 †	1 1/2	—	—	—	—	—	Max. 178
3048	20,000	30,000	2 3/16	1 1/16	1/2-1 †	1 1/2	—	—	—	—	—	Max. 121
3051	25,000	35,000	3 3/8	1 1/16	3/4-2 1/2 †	1 5/8	—	—	—	—	—	Max. 231
3058A	—	35,000	—	1 1/16	1 1/16	—	—	—	—	—	—	223
3058B				1 3/16	1 3/16							230
3058C				1 1/16	1 1/16							241
3058D				1 3/16	1 1/4							242
3058E				1 5/16	1 1/4							233
3058F	—	35,000	10	1 3/16	1 3/16	11 3/8	1 3/4	7/8	1 1/8	1/4	1 1/2	244
3058G				1 5/16	1 3/16							243
3058S				Specify	Specify							—
3088A				1 1/16	1 1/16							256
3088B				1 3/16	1 3/16							259
3088C	—	35,000	10	1 1/16	1 1/16	11 3/8	1 3/4	7/8	1 1/8	1/4	1 1/2	262
3088D				1 3/16	1 1/4							261
3088E				1 3/16	1 1/4							253
3088S				Specify	Specify							—
3092	15,000	—	4 1/2	1/2	1 1/16	5 1/16	1 1/4	5/8	—	—	—	144
3688A	—	50,000	10	1 3/16	1 3/16	11 1/8	1 3/8	7/8	1 1/8	1/4	1 1/2	384
3688B				1 3/16	1 1/2							423
3688C				1 3/16	1 5/16							411
3688D				1 3/16	1 1/16							405
3688E				1 3/16	1 1/16							420
3688F	—	50,000	10	1 1/16	1 1/16	11 1/8	1 3/8	7/8	1 1/8	1/4	1 1/2	384
3688S				Specify	Specify							—

* Malleable iron.

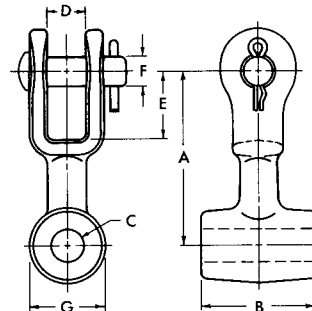
† Specify desired tongue width.



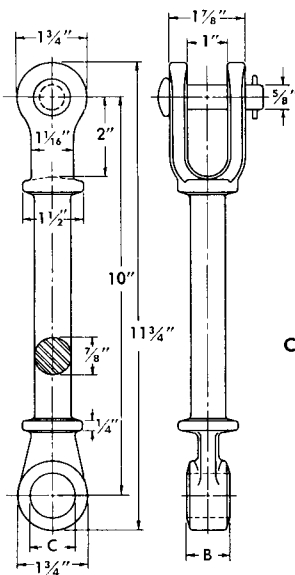
CLEVIS EYE ADAPTERS



Cat. Nos. 1450, 3047, 3049F, 3059T, 3093, 3638



Cat. Nos. 1400, 3059, 3064A, B, C, D, E, F, S



Cat. Nos. 3089A, B, C, D, E, S

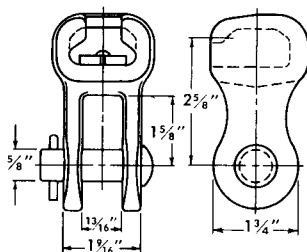
Cat. No.	Material	Ultimate Strength, Pounds		DIMENSIONS—Inches							Shipping Weight, Lb/100
		Not Heat Treated	Heat Treated	A	B	C	D	E	F	G	
1450	Malleable Iron	16,000 min.	—	2 $\frac{1}{8}$	$\frac{1}{2}$ to 2 $\frac{3}{8}$ †	1 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{1}{2}$	Max. 195
3047	Forged Steel	25,000	35,000	2 $\frac{3}{4}$	$\frac{5}{8}$ to 2 $\frac{3}{8}$ †	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	$\frac{3}{8}$	1 $\frac{1}{2}$	Max. 178
3049F		18,000	25,000	2 $\frac{1}{2}$	$\frac{1}{2}$ to 1†	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	$\frac{3}{8}$	1 $\frac{3}{8}$	Max. 104
3059T		25,000	—	3 $\frac{1}{8}$	$\frac{7}{8}$ to 2 $\frac{1}{2}$ †	1 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	$\frac{5}{8}$	1 $\frac{1}{2}$	Max. 224
3093		15,000	—	4 $\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	$\frac{3}{8}$	1 $\frac{1}{4}$	111
3638		—	50,000	6 $\frac{1}{2}$	$\frac{3}{4}$ to 1 $\frac{1}{2}$ †	1 $\frac{3}{8}$	1 $\frac{5}{8}$	1 $\frac{29}{32}$	$\frac{7}{8}$	1 $\frac{7}{8}$	324
1400	Malleable Iron	16,000 min.	—	3	$\frac{1}{2}$	1 $\frac{1}{8}$	$\frac{7}{8}$	1 $\frac{1}{4}$	$\frac{3}{8}$	1 $\frac{3}{4}$	155
3059	Forged Steel	25,000	—	3 $\frac{1}{8}$	$\frac{7}{8}$ to 2 $\frac{1}{2}$ †	1 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	$\frac{5}{8}$	1 $\frac{1}{2}$	Max. 224
3064A		—	36,000	5 $\frac{1}{2}$	$\frac{3}{4}$	1 $\frac{3}{8}$	$\frac{7}{8}$	2 $\frac{1}{8}$	$\frac{3}{4}$	2	267
3064B		—	36,000	5 $\frac{1}{2}$	1	1 $\frac{1}{8}$	$\frac{7}{8}$	2 $\frac{1}{8}$	$\frac{3}{4}$	2	275
3064C		—	40,000	5 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	$\frac{7}{8}$	2 $\frac{1}{8}$	$\frac{3}{4}$	2	289
3064D		—	50,000	5 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	$\frac{7}{8}$	2 $\frac{1}{8}$	$\frac{7}{8}$	2	280
3064E		—	50,000	5 $\frac{1}{2}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	$\frac{7}{8}$	2 $\frac{1}{8}$	$\frac{7}{8}$	2	299
3064F		—	50,000	5 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	$\frac{7}{8}$	2 $\frac{1}{8}$	$\frac{7}{8}$	2	305
3064S		Specify B, C and F, Dim., and Strength		5 $\frac{1}{2}$	—	—	$\frac{7}{8}$	2 $\frac{1}{8}$	—	2	—
3098		—	30,000	2 $\frac{3}{4}$	$\frac{5}{8}$ to 2 $\frac{5}{8}$ †	1 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	$\frac{5}{8}$	1 $\frac{3}{8}$	Max. 205
3089A	Forged Steel	—	35,000	—	1 $\frac{1}{8}$	1 $\frac{1}{8}$	—	—	—	—	231
3089B		—	35,000	—	1 $\frac{3}{8}$	1 $\frac{3}{8}$	—	—	—	—	234
3089C		—	35,000	—	1 $\frac{1}{8}$	1 $\frac{1}{8}$	—	—	—	—	237
3089D		—	35,000	—	1 $\frac{1}{4}$	1 $\frac{3}{8}$	—	—	—	—	236
3089E		—	35,000	—	1 $\frac{1}{4}$	1 $\frac{3}{8}$	—	—	—	—	228
3089S		—	35,000	—	As specified	—	—	—	—	—	—

† Specify desired tongue width.

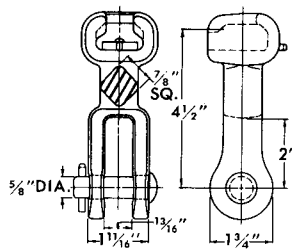


JULY 1, 1967

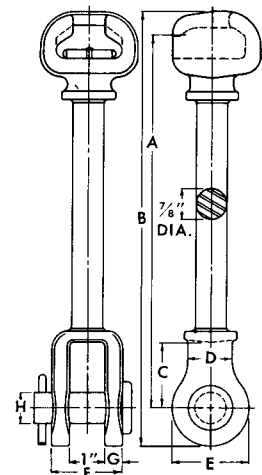
SOCKET, BALL CLEVIS ADAPTERS



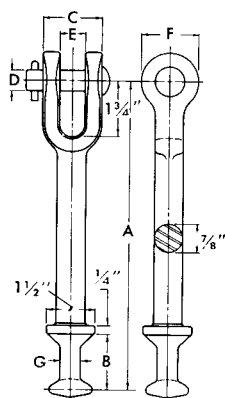
Cat. No. 3040



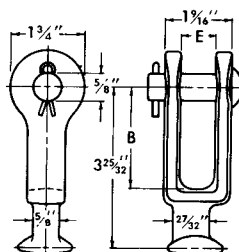
Cat. No. 3065



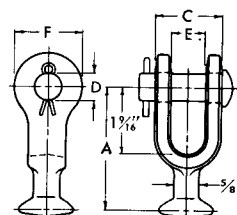
Cat. Nos. 3087, 3687



Cat. Nos. 3094, 3694



Cat. No. 3056

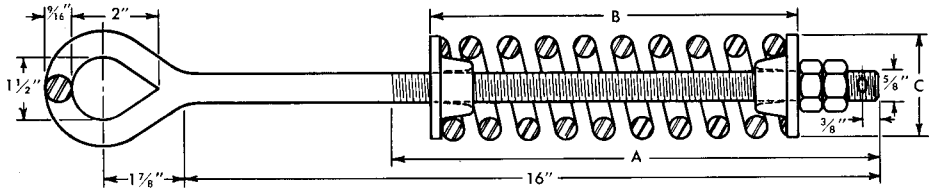


Cat. No. 3055

Cat. No.	Ultimate Strength, Pounds	DIMENSIONS —Inches								Shipping Weight, Lb/100
		A	B	C	D	E	F	G	H	
SOCKET CLEVIS, FORGED STEEL										
3040	30,000	—	—	—	—	—	—	—	—	190
3065	35,000	—	—	—	—	—	—	—	—	245
3087	35,000	8 ¾	10 ⅞	1 ¾	1 ⅞	1 ¾	1 ⅞	⅞	⅞	312
3687	50,000	10 ⅞	12 1 ½	2 ⅞	1 ¼	2 ⅜	2	½	⅞	528
BALL CLEVIS, FORGED STEEL										
3055	30,000	2 ⅞	—	1 ⅞	⅝	1 ⅜	1 ⅞	—	—	95
3056		—	2 ⅞	—	—	—	—	—	—	135
3094-1	35,000	9 ⅞	1 ¾	1 ⅜	⅝	1 ⅜	1 ¾	⅝	—	258
3094-2		—	—	—	¾	—	—	—	—	280
3694	50,000	10 ⅞	2	1 ⅞	⅞	1 ⅞	2 ⅜	55 64	—	336

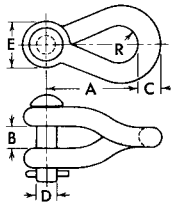
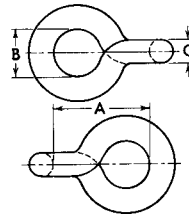
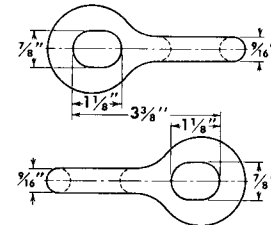
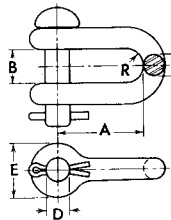
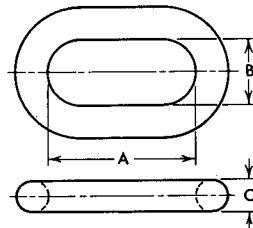
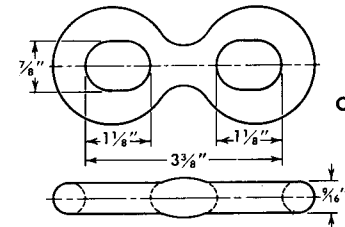
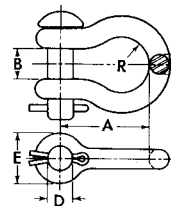
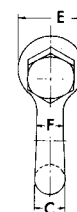


SPRING BOLT ASSEMBLIES



Cat. Nos. 3265, 3266

Cat. No.	Tension Range, Pounds	DIMENSIONS—Inches				Shipping Weight, Lb/100
		A	B	C	Free Length of Spring	
3265	0-2,250	11 1/4	8 1/2	2 3/8	8	754
3266	0-6,270	12 3/4	10 1/2	3 1/2	10	1749

**SHACKLES AND LINKS**Cat. Nos. 3017T, 3022T
90° Twisted PatternCat. No. 3080T
90° TwistCat. No. 3085
90° TwistCat. No. 3017
Straight Pattern
Straight Side Design
Fig. 1Cat. No. 3080
Straight Pattern
Single Eye
Fig. 3Cat. No. 3086
Straight
Double Eye
Fig. 4Cat. No. 3022
Straight Pattern
Enlarged Loop Design
Fig. 2Cat. Nos. 3078, 3079
Vee Design
Fig. 5

Cat. No.		Ultimate Strength, Pounds		DIMENSIONS—Inches									Packed Weight, Lb/100
Straight	90° Twist	Not Heat Treated	Heat Treated	A		B	C	D	E	F	R		
				Straight	Twisted								
STRAIGHT-SIDE DESIGN FIG. 1													
3017	3017T	—	25,000	1 ³ / ₂	1 ¹ / ₈	3/ ₄	1/ ₂	5/ ₈	1 ¹ / ₈	—	3/ ₈	70	
3026	3026T	35,000	50,000	3 ³ / ₈	3 ¹ / ₈	7/ ₈	5/ ₈ x 3/ ₄	3/ ₈	1 ¹ / ₈	—	7/ ₁₆	245	
3028*	—	—	75,000	3 ²⁵ / ₃₂	—	1 ¹ / ₈	1 ¹ / ₈	1 ¹ / ₄	2 ²⁷ / ₃₂	—	1 ¹ / ₁₆	670	
3033	—	35,000	50,000	2 ³ / ₄	—	1 ¹ / ₄	2 ⁷ / ₃₂	3/ ₈	1 ¹ / ₈	—	3/ ₈	214	
3034	—	—	60,000	3 ³ / ₈	—	1 ⁷ / ₁₆	1	1	2 ¹ / ₈	—	2 ²⁵ / ₃₂	307	
3035	—	—	75,000	3 ¹³ / ₁₆	—	1 ¹¹ / ₁₆	1	1 ¹ / ₈	2 ³ / ₈	—	2 ⁷ / ₃₂	453	
ENLARGED-LOOP DESIGN FIG. 2													
3022	3022T	—	25,000	2 ³ / ₁₆	2	7/ ₈	1/ ₂	5/ ₈	1 ¹ / ₈	—	1 ¹ / ₁₆	100	
3023	3023T	—	35,000	2 ²³ / ₃₂	2 ¹ / ₂	1 ¹ / ₁₆	5/ ₈	3/ ₄	1 ¹ / ₁₆	—	3/ ₄	150	
3024	3024T	—	25,000	2 ²³ / ₃₂	2 ¹ / ₂	3/ ₄	1/ ₂	5/ ₈	1 ¹ / ₈	—	2 ¹ / ₃₂	75	
3025	3025T	—	45,000	3 ¹ / ₂	3 ¹ / ₄	7/ ₈	5/ ₈ x 3/ ₄	3/ ₄	1 ³ / ₄	—	3/ ₄	205	
3027	3027T	35,000	50,000	5	4 ³ / ₄	3/ ₄	3/ ₄	3/ ₄	1 ¹ / ₈	—	1 ¹ / ₁₆	270	
3036	3036T	—	60,000	3 ⁷ / ₁₆	3 ¹ / ₈	1 ¹ / ₄	3/ ₄	7/ ₈	1 ¹ / ₈	—	1	216	
3037	3037T	—	60,000	3 ³ / ₄	3 ⁷ / ₁₆	1 ⁷ / ₁₆	7/ ₈	1	2 ¹ / ₈	—	1 ¹ / ₈	337	
3038	3038T	—	75,000	4 ⁵ / ₁₆	4	1 ¹¹ / ₁₆	1	1 ¹ / ₈	2 ³ / ₈	—	1 ¹¹ / ₃₂	526	
SINGLE EYE LINKS FIG. 3													
3080	3080T	20,000	30,000	2 ¹ / ₄	2	1	1/ ₂	—	—	—	—	51	
3081	3081T	20,000	30,000	2 ³ / ₈	2 ³ / ₁₆	1 ¹ / ₁₆	5/ ₈	—	—	—	—	51	
3082	3082T	—	35,000	3 ¹ / ₄	3	1	5/ ₈	—	—	—	—	101	
3083	3083T	—	50,000	3 ¹ / ₂	3 ⁵ / ₁₆	1	3/ ₄	—	—	—	—	134	
3077	—	—	85,000	4	—	1 ¹ / ₄	1	—	—	—	—	280	
DOUBLE EYE LINKS FIG. 4													
3086	3085	18,000	25,000	—	—	—	—	—	—	—	—	76	
VEE DESIGN FIG. 5													
3078	—	—	50,000	3 ¹ / ₂	—	7/ ₈	1	1	2 ¹ / ₈	7/ ₈	3/ ₄	—	
3079	—	—	36,000	2 ⁷ / ₈	—	3/ ₄	2 ⁷ / ₃₂	3/ ₄	1 ¹ / ₈	3/ ₄	1/ ₂	—	

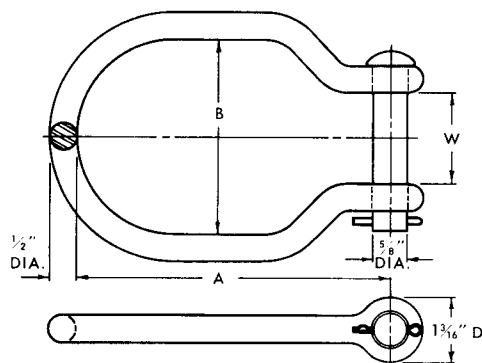
* Has hex bolt, hex nut and cotter key instead of cotter bolt and key.

Note: Twisted shackle strengths are 5,000 lb. below straight shackle strengths.



TIE-DOWN SHACKLES

TIE-DOWN SHACKLE: C-1038 Steel.
COTTER BOLT: C-1040-45 Steel, Heat-Treated
All Ferrous Parts Hot-Dip Galvanized

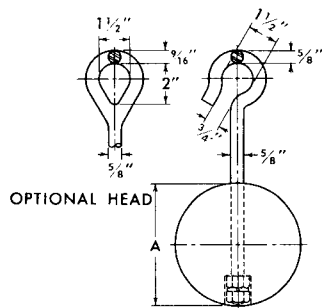


Cat. Nos. 3230 to 3243

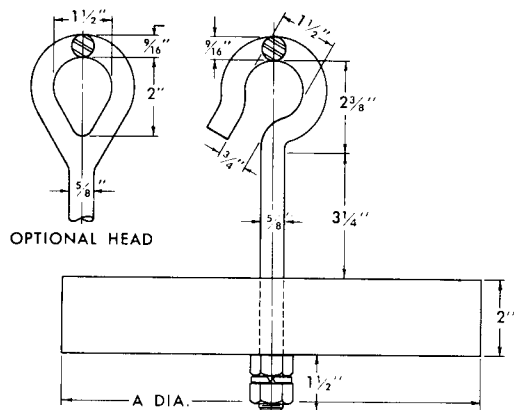
Cat. No.	For Use With Suspension Clamp No.	DIMENSIONS— Inches			Approx. Wt., Lb/100	
		W	A	B	Net	Ship.
3230	6200, 9500	1 1/16	5 3/4	3 3/8	127	135
3231	6201, 9501					
3232	6202, 9502	2	5 1/16	3 7/8	127	135
3233	6203, 9503					
3234	6204, 9504	2 1/4	5 5/8	4 1/8	127	135
3235	6205, 9505					
3236	6255, 9555	2 3/8	7 3/8	4 1/2	156	165
3237	6206, 9506					
3238	6257, 9557					
3239	6207, 9507					
3240	6208, 9508	3	7 1/4	4 3/8	156	165
3241	6209, 9509					
3242	6210, 9510	3 1/4	7 1/8	5 1/8	156	165
3243	6211, 9511	3 1/2		5 3/8		

ULTIMATE STRENGTH—10,000 lb.

STRAIGHT-SIDED TYPE TIE-DOWN SHACKLE—Can be supplied on request.



Cat. Nos. 3245 to 3258



Cat. Nos. 3259 to 3261

TIE-DOWN WEIGHTS

Cat. No.		Weight		Total Wt., Lb/100	
		Diam. A, Inches	Weight, Pounds	Net	Ship.,
3245	3252	6	25	2,655	2,730
3246	3253	7	50	5,165	5,315
3247	3254	8	75	7,670	7,820
3248	3255	9	100	10,180	10,480
3249	3256	10	135	13,690	13,990
3250	3257	11	180	18,200	18,500
3251	3258	12	235	23,710	24,010
3259*	3260*	11	50	5,135	5,285
3261 (wt. only)		11	50	5,000	5,150

* Weight is cast iron or steel, hot-dip-galvanized.

Bolt will be increased 2" in length for each additional 50-lb. weight.

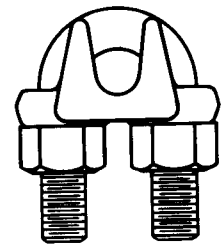
5/8" DIA. HOOK OR EYE BOLT, NUTS, WASHERS—Hot-dip-galvanized steel.

CAST IRON BALL—Aluminum painted and marked with diameter and nominal weight.

BOLT END—Nut and key counter sunk to minimize corona.

**CABLE CLIPS****SADDLE: Drop-Forged Steel****U-BOLTS: High-Strength Steel****All Ferrous Parts Hot-Dip Galvanized**

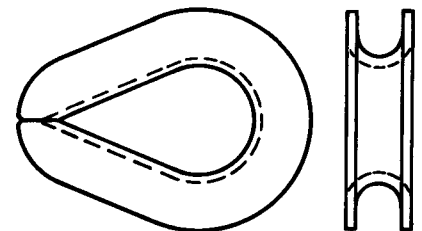
Cat. No.	Cable Diameter, Inches	U-Bolt Diameter, Inches	Min. Clips For Max. Strength	Spacing Between Clips—Inches	Approx. Wt., Lb/100	
					Net	Ship.
3185	1/4	5/16	2	1 1/2	18	19
3186	5/16	3/8		1 7/8	32	34
3187	3/8	7/16		2 1/4	48	51
3188	7/16	1/2	3	2 5/8	72	76
3189	1/2	1/2		3	76	80
3190	9/16	5/8		3 3/8	96	101
3191	5/8	9/16		3 3/4	105	110
3192	3/4	5/8	4	4 1/2	160	167
3193	7/8	3/4		5 1/4	240	256
3194	1	3/4		6	270	290



Cat. Nos. 3185 to 3194

CABLE THIMBLES**ROLLED STEEL HOT-DIP GALVANIZED**

Cat. No.	DIMENSIONS—Inches						Approx. Wt., Lb/100	
	Cable Diam.	Overall Length	Overall Width	Inside Length	Inside Width	Overall Thickness	Net	Ship.
HEAVY—Stamped With Size, Marked "H"								
3210	1/4	2 3/8	1 1/2	1 5/8	7/8	1 3/32	7.5	9
3211	5/16	2 3/4	1 13/16	1 7/8	1 1/16	1/2	14	16
3212	3/8	3 3/8	2 1/8	2 1/8	1 1/8	2 1/32	25	27
3213	7/16	3 7/16	2 3/8	2 3/8	1 1/4	3/4	36	39
3214	1/2	3 3/8	2 3/4	2 3/4	1 1/2	2 7/32	51	53
3215	5/8	4 1/4	3 3/8	3 1/4	1 3/4	1	75	79
3216	3/4	5	3 13/16	3 3/4	2	1 1/4	147	155
3217	7/8	5 1/2	4 1/4	4 1/4	2 1/4	1 3/8	185	195
3218	1	6 1/8	4 13/16	4 1/2	2 1/2	1 5/16	300	320
REGULAR								
3220	1/4	2	—	1 15/32	3/4	5/16	4	4.5
3221	5/16	2 1/8	—	1 17/32	13/16	3/8	5.5	6
3222	3/8	2 3/8	—	1 21/32	1	7/16	8.5	9.5
3223	7/16	3 3/32	—	2 5/32	1 1/16	1/2	16.5	18
3224	1/2	3	—	2 1/16	1 1/16	9/16	16.5	18
3225	5/8	3 5/8	—	2 7/16	1 3/8	1 1/16	28	30
3226	3/4	4	—	2 21/32	1 5/8	1 3/16	33	35
3227	7/8	4 1/2	—	2 15/16	1 3/4	1 5/16	56	60
3228	1	5 1/4	—	3 1/2	2	1 1/16	63	67

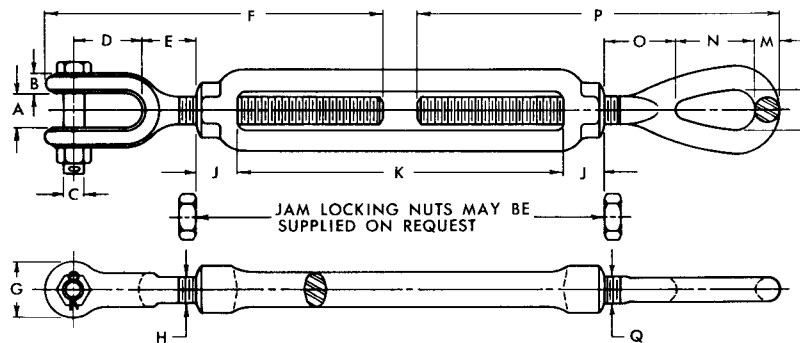


Cat. Nos. 3210 to 3228

Tips are closed, will not assemble on a closed link. A shackle or clevis fitting must be used.

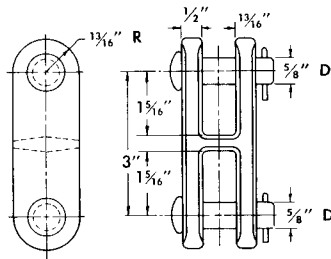


TURNBUCKLE ASSEMBLIES

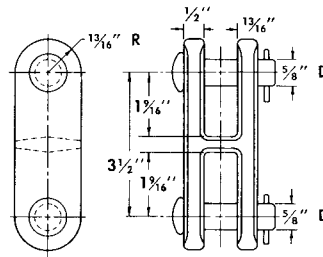


Cat. Nos. 3125 thru 3182

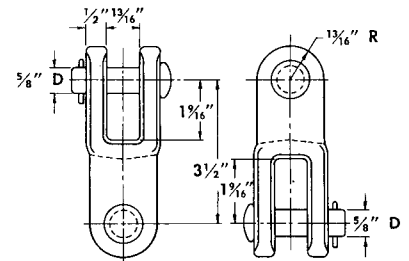
Cat. No.	Ultimate Strength, Pounds	Size and Take Up, Inches	DIMENSIONS—Inches																Weight, Pounds	
			Clevis								Body		Eye							
			A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	Net	Boxed
JAW-JAW																				
3125	10,500	1/2 x 6	3/8	1 1/32	3/8	1 1/4	1	6 9/16	1	1/2	3/4	6	3/4	7/16	1 7/16	1 11/32	6 31/32	1/2	186	198
3126		1/2 x 9						8 1/16				9					8 15/32		228	243
3127		1/2 x 12						9 9/16				12					9 31/32		282	302
3128	16,000	3/8 x 6	3/8	1 3/32	1/2	1 5/8	1 3/8	7 11/16	1 5/16	3/8	1 5/16	6	2 9/32	1/2	1 3/4	1 9/16	7 3/4	3/8	316	337
3129		3/8 x 9						9 3/16				9					9 1/4		347	371
3130		3/8 x 12						10 11/16				12					10 3/4		378	403
3131	25,000	3/8 x 6	15/16	1 7/32	3/8	1 13/16	1 1/2	8 13/32	1 5/8	3/4	1 5/8	6	1 1/2	3/8	2 1/8	1 15/16	8 33/64	3/4	448	479
3132		3/8 x 9						9 29/32				9					10 5/16		570	610
3133		3/8 x 12						11 13/32				12					11 13/16		633	677
3134	35,000	3/8 x 18	1 1/8	1 9/32	3/4	2 1/8	1 3/4	14 13/32	1 13/16	7/8	1 5/16	18	1 9/32	3/4	2 3/8	2 1/8	14 13/16	3/8	760	813
3135		3/8 x 12						12 29/32				12					12 9/16		1006	1076
3136		3/8 x 18						15 9/32				18					15 9/16		1208	1292
3137	45,000	1 x 12	1 3/16	2 3/32	7/8	2 1/2	2 1/16	13 11/32	2 1/8	1	1 1/2	12	1 15/32	7/8	3	2 1/2	13 3/8	1	1290	1380
3138		1 x 18						16 11/32				18					16 7/8		1568	1678
3139		1 x 24						19 11/32				24					19 7/8		1844	1973
3140	67,500	1 1/4 x 12	1 3/4	7/8	1 1/8	3	2 1/4	14 3/4	2 7/16	1 1/4	1 7/8	12	1 27/32	1 1/8	3 9/16	3 1/8	15 11/16	1 1/4	2335	2478
3141		1 1/4 x 18						17 3/4				18					18 11/16		2809	3005
3142		1 1/4 x 24						20 3/4				24					21 11/16		3290	3520
JAW-EYE																				
3145	10,500	1/2 x 6	3/8	1 1/32	3/8	1 1/4	1	6 9/16	1	1/2	3/4	6	3/4	7/16	1 7/16	1 11/32	6 31/32	1/2	174	186
3146		1/2 x 9						8 1/16				9					8 15/32		216	230
3147		1/2 x 12						9 9/16				12					9 31/32		264	281
3148	16,000	3/8 x 6	3/8	1 3/32	1/2	1 5/8	1 3/8	7 11/16	1 5/16	3/8	1 5/16	6	2 9/32	1/2	1 3/4	1 9/16	7 3/4	3/8	295	316
3149		3/8 x 9						9 3/16				9					9 1/4		326	348
3150		3/8 x 12						10 11/16				12					10 3/4		351	375
3151	25,000	3/8 x 6	15/16	1 7/32	3/8	1 13/16	1 1/2	8 13/32	1 5/8	3/4	1 5/8	6	1 1/2	3/8	2 1/8	1 15/16	8 33/64	3/4	417	446
3152		3/8 x 9						9 29/32				9					10 5/16		541	579
3153		3/8 x 12						11 13/32				12					11 13/16		604	646
3154	35,000	3/8 x 18	1 1/8	1 9/32	3/4	2 1/8	1 3/4	14 13/32	1 13/16	7/8	1 5/16	18	1 9/32	3/4	2 3/8	2 1/8	14 13/16	3/8	730	781
3155		3/8 x 12						12 29/32				12					12 9/16		940	1006
3156		3/8 x 18						15 9/32				18					15 9/16		1142	1221
3157	45,000	1 x 12	1 3/16	2 3/32	7/8	2 1/2	2 1/16	13 11/32	2 1/8	1	1 1/2	12	1 15/32	7/8	3	2 1/2	13 3/8	1	1206	1290
3158		1 x 18						16 11/32				18					16 7/8		1484	1588
3159		1 x 24						19 11/32				24					19 7/8		1760	1883
3160	67,500	1 1/4 x 12	1 3/4	7/8	1 1/8	3	2 1/4	14 3/4	2 7/16	1 1/4	1 7/8	12	1 27/32	1 1/8	3 9/16	3 1/8	15 11/16	1 1/4	2183	2336
3161		1 1/4 x 18						17 3/4				18					18 11/16		2650	2835
3162		1 1/4 x 24						20 3/4				24					21 11/16		3132	3351
EYE-EYE																				
3165	10,500	1/2 x 6	3/8	1 1/32	3/8	1 1/4	1	6 9/16	1	1/2	3/4	6	3/4	7/16	1 7/16	1 11/32	6 31/32	1/2	162	174
3166		1/2 x 9						8 1/16				9					8 15/32		204	218
3167		1/2 x 12						9 9/16				12					9 31/32		246	263
3168	16,000	3/8 x 6	3/8	1 3/32	1/2	1 5/8	1 3/8	7 11/16	1 5/16	3/8	1 5/16	6	2 9/32	1/2	1 3/4	1 9/16	7 3/4	3/8	275	295
3169		3/8 x 9						9 3/16				9					9 1/4		306	327
3170		3/8 x 12						10 11/16				12					10 3/4		337	360
3171	25,000	3/8 x 6	15/16	1 7/32	3/8	1 13/16	1 1/2	8 13/32	1 5/8	3/4	1 5/8	6	1 1/2	3/8	2 1/8	1 15/16	8 33/64	3/4	390	417
3172		3/8 x 9						9 29/32				9					10 5/16		512	548
3173		3/8 x 12						11 13/32				12					11 13/16		575	615
3174	35,000	3/8 x 18	1 1/8	1 9/32	3/4	2 1/8	1 3/4	14 13/32	1 13/16	7/8	1 5/16	18	1 9/32	3/4	2 3/8	2 1/8	14 13/16	3/8	700	749
3175		3/8 x 12						12 29/32				12					12 9/16		875	936
3176		3/8 x 18						15 9/32				18					15 9/16		1077	1152
3177	45,000	1 x 12	1 3/16	2 3/32	7/8	2 1/2	2 1/16	13 11/32	2 1/8	1	1 1/2	12	1 15/32	7/8	3	2 1/2	13 3/8	1	1122	1200
3178		1 x 18						16 11/32				18					16 7/8		1400	1498
3179		1 x 24						19 11/32				24					19 7/8		1676	1793
3180	67,500	1 1/4 x 12	1 3/4	7/8	1 1/8	3	2 1/4	14 3/4	2 7/16	1 1/4	1 7/8	12	1 27/32	1 1/8	3 9/16	3 1/8	15 11/16	1 1/4	2031	2173
3181		1 1/4 x 18						17 3/4				18					18 11/16		2506	2680
3182		1 1/4 x 24						20 3/4				24					21 11/16		2982	3192
EYE-EYE																				

**MISCELLANEOUS FITTINGS**

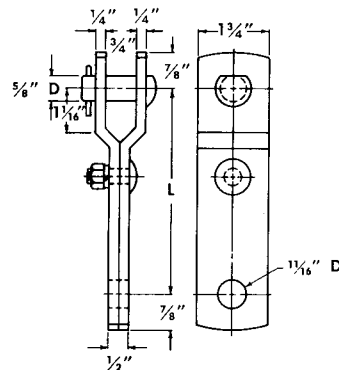
Cat. No. 1425



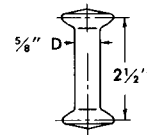
Cat. No. 3075



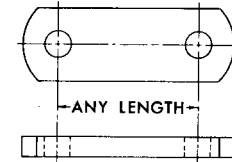
Cat. No. 3076



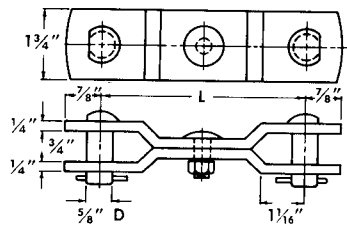
Cat. No. 3071



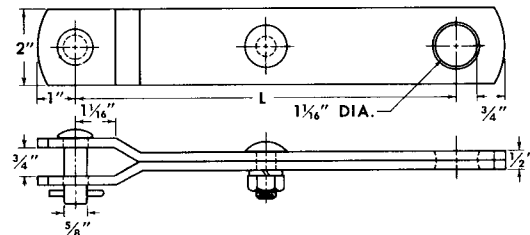
Cat. No. 3016



Cat. No. 3070



Cat. No. 3072



Cat. No. 3074

Cat. No.	Description	Material	Ultimate Strength, Pounds	Specify When Ordering	Shipping Weight, Lb/100
1425	Clevis—Clevis	Malleable Iron	25,000	—	200
3016	Ball—Ball	Steel	25,000	—	44
3070	Strap	Steel	Specify	Length, Width, Thickness and size of holes	—
3071	Strap Clevis Eye	Steel	18,000—25,000	L—Dimension—3" min.	—
3072	Strap Clevis—Clevis	Steel	18,000—25,000	L—Dimension—4" min.	—
3074A	Strap Clevis Eye	Steel	18,000—25,000	L—Dimension—8"	288
3074B				L—Dimension—10"	345
3074C				L—Dimension—12"	401
3074D				L—Dimension—6"	232
3074E				L—Dimension—20"	631
3075	Clevis—Clevis	Malleable Iron	25,000	—	—
3076	90° Clevis—Clevis	Malleable Iron	25,000	—	—

