

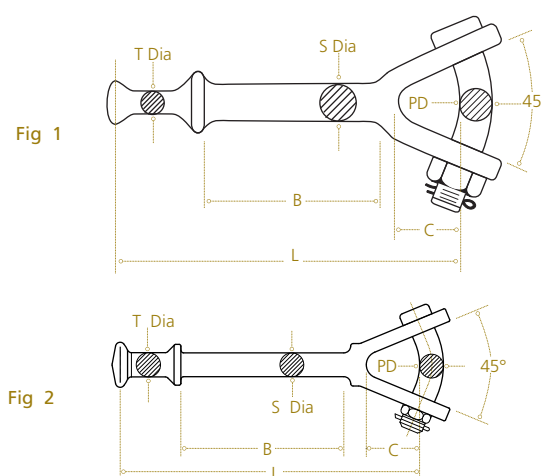
Hardware Fittings — Forged Steel

A
27

Hot Line Y-Clevis Ball

Hot line Y-clevis balls are used to attach ball and socket insulators to other associated hardware within an insulator string. Shoulders are provided to accommodate hot line tools and the bent bolt in the Y-section provides an additional point of articulation within an assembly.

Material: Body – galvanized steel
Clevis Pin – galvanized steel
Cotter Pin – stainless steel



FORGED STEEL

HYBC



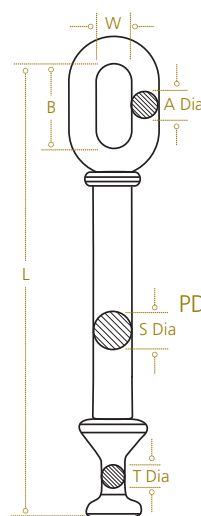
Product Data

Catalog Number	Ultimate Strength lb (kN)	Figure Number	Dimensions Inches (mm)						Approx Wt Each lb (kg)
			L	B	C	PD	S Diameter	T Diameter	
HYBC30	30,000 (133)	1	9 ⁵ / ₁₆ (236.5)	5 ³ / ₈ (136.5)	1 ¹ / ₂ (38.1)	3/4 (19.1)	7/8 (22.2)	2 ³ / ₃₂ (18.3)	2.8 (1.27)
HYBC5011 ⁽¹⁾	50,000 (222)	2	11 (279.4)	6 ¹³ / ₁₆ (173)	1 ¹¹ / ₁₆ (42.9)	7/8 (22.2)	7/8 (22.2)	5 ⁷ / ₆₄ (22.6)	4.42 (2.00)

Hot Line Oval-Eye Ball

Hot line oval-eye ball is used to attach ball and socket insulators to other associated hardware within an insulator string. Shoulders are provided to accommodate hot line tools.

Material: Body – galvanized steel



FORGED STEEL

HOEB



Product Data

Catalog Number	Ultimate Strength lb (kN)	Dimensions Inches (mm)						Approx Wt Each lb (kg)
		A	B	L	W	S Diameter	T Diameter	
HOEB30	30,000 (133)	1 ¹ / ₁₆ (17.5)	2 (50.8)	11 (279.4)	1 (25.4)	7/8 (22.2)	2 ³ / ₃₂ (18.3)	2.31 (1.05)

NOTE: For use with class 52-3 and 52-5 insulators per ANSI Spec. C-29.2-71.

(1) For use with class 52-8 and 52-11 insulators per ANSI Spec. C-29.2-71.

Hardware Fittings — Forged Steel

Hot Line Extension Links

FORGED STEEL

H/F

Extension links are forged from high-strength steel and contain no welded joints. Because of the variety of fittings and lengths, links are made only to order. Please specify by catalog number and length required.

Material: Body – galvanized steel

Product Data

Identification	Ultimate Strength lb (kN)	Shape And Orientation Of Ends	Catalog Number	Figure Number	Available Range of Lengths		Approx Packed Weight ⁽¹⁾ Per 100 Minimum Length lb (kg)
					Minimum Inches (mm)	Maximum Inches (mm)	
Chain Eye/Chain Eye	30,000 (133)		HOO30L	1	12 (305)	144 (3,658)	383 (174)
			HOOT30L				
	40,000 (178)		HOO40L	2	12 (305)	144 (3,658)	383 (174)
			HOOT40L				
	60,000 (267)		HOO50L	3	13 (330.)	144 (3,658)	536 (243)
			HOOT50L				
	80,000 (356)		HOO80L	4	14 (356)	144 (3,658)	616 (279)
			HOOT80L				
Clevis Eye	30,000 (133)		FHCE30L	5 & 9	11 (279)	144 (3,658)	366 (166)
			FHCE30L90				
Y-Clevis Eye	30,000 (133)		FHYCE30L	7 & 9	11 (279)	144 (3,658)	369 (167)
			FHYCE30L90				
Chain Eye/Eye	30,000 (133)		FOPE30L	2 & 9	11 (279)	144 (3,658)	294 (133)
			FOPE30L90				
Clevis/Clevis	30,000 (133)		FHCC30L	5	12 (305)	144 (3,658)	372 (169)
			FHCC30L90				
Chain Eye/Clevis	30,000 (133)		FHOEC30L	2 & 5	11 (279)	144 (3,658)	357 (162)
			FHOEC30L90				
	50,000 (222)		FHOEC50L	3 & 6	12 (305)	144 (3,658)	527 (239)
			FHOEC50L90				
Chain Eye/Y-Clevis	30,000 (133)		HYCOE30L	2 & 7	11 (279)	144 (3,658)	451 (205)
			HYCOE30L90				
	50,000 (222)		HYCOE50L	3 & 8	14 (356)	144 (3,658)	451 (205)
			HYCOE50L90				
Clevis/Ball	30,000 (133)		HBC30L	5 & 10	11 (279)	24 (610)	272 (123)
	50,000 (222)		HBC50L	6 & 11	11 (279)	24 (610)	420 (291)
Y-Clevis/Ball	30,000 (133)		HYBC30L	7 & 10	11 (279)	24 (610)	342 (155)
	50,000 (222)		HYBC50L	8 & 11	11 (279)	24 (610)	442 (200)
Chain Eye/Ball	30,000 (133)		HOEB30L	1 & 10	11 (279)	24 (610)	323 (147)
	50,000 (222)		HOEB50L	3 & 11	11 (279)	24 (610)	430 (195)

NOTE: Link length available ½" increments. Use letter "D" to represent decimal point in catalog number when applicable. Example: HOO3020D5 for 20½" length. Normal manufacturing tolerances: Up to 50" – ±0.5 inch. Above 50" – ±1%.

(1) For links longer than minimum length, add to packed weight per 100 pieces, 28 pounds per inch for number HOO80L and HOOT80L. All others, add 17 pounds per inch. Refer to next page for dimensions.