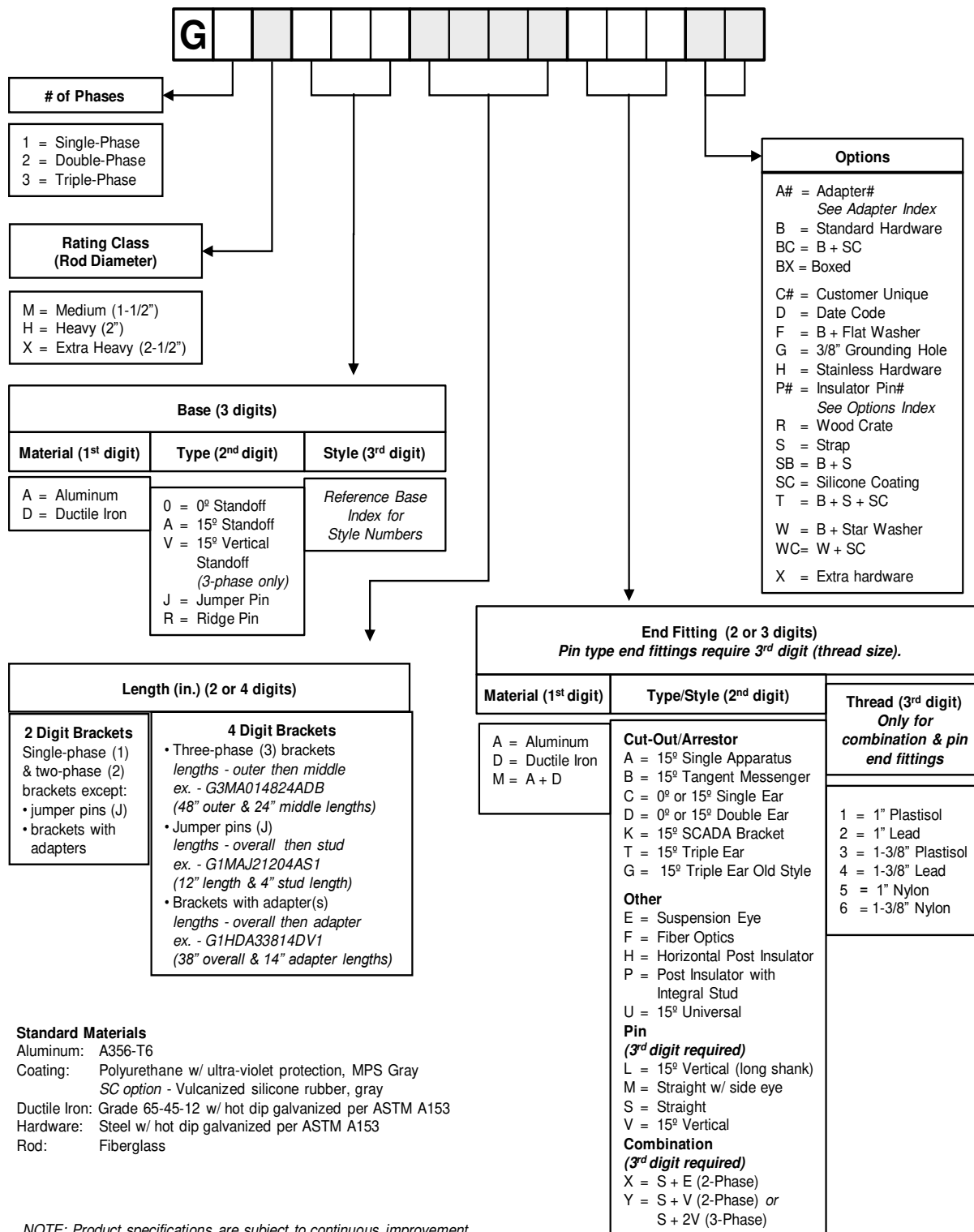


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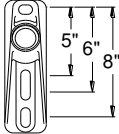
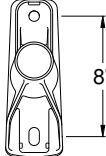
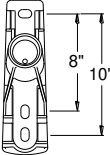
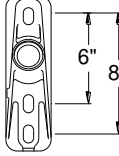
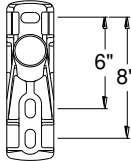
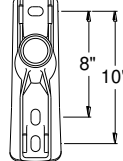
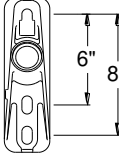
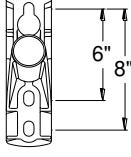
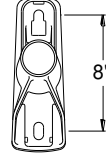
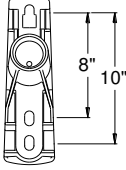
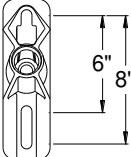
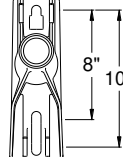
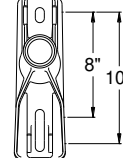
Single, Double, & Triple Phase Brackets



Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

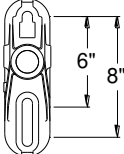
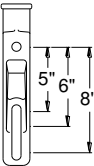
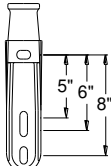
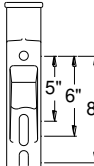
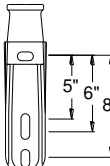
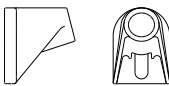
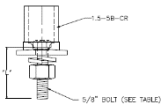
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Bases - Single Phase (1)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style #	15° Standoff (A)			
1	MDA1  Features: C, 5		HDA1  Features: D, 5	HAA1  Features: B, D, 5
2	MDA2  Features: B, 5	MAA2  Features: B, D, 5	HDA2  Features: D, 6	
3	MDA3  Features: B, K, 5	MAA3  Features: B, D, K, 5	HDA3  Features: B, D, K, 5	HAA3  Features: B, D, K, 5
4		MAA4  Features: K, 5	HDA4  Features: B, D, K, 5	
5			HDA5  Features: B, D, 5	
Features: B = Bandable C = Cleats D = Double Nut K = Keyhole 5 = 11/16" Dia. 6 = 13/16" Dia.				

Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

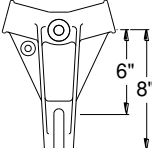
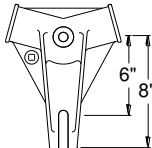
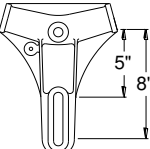
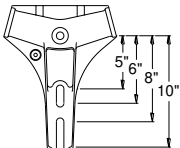
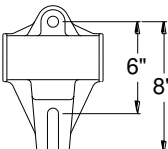
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Bases - Single Phase (1)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style #	0° Standoff (0)			
1		MA01  Features: B, K, 5		
Style #	Ridge Pin (R)			
1	MDR1  Features: D, 5	MAR1  Features: D, 5	HDR1  Features: D, 5	HAR1  Features: D, 5
Style #	Jumper Pin (J)			
1		MAJ1  Features: 5		
2	MDJ2  Features: 5	MAJ2  Features: 5		
3		MAJ3  Features: 6		HAJ3  Features: 6
Features: B = Bandable C = Cleats D = Double Nut K = Keyhole 5 = 11/16" Dia. 6 = 13/16" Dia.				

Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

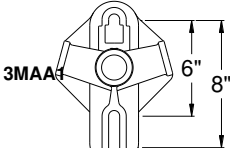
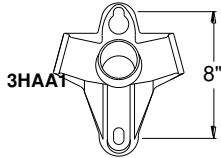
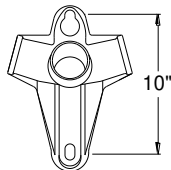
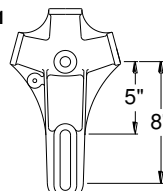
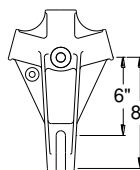
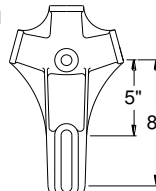
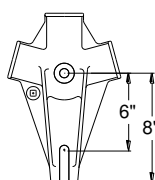
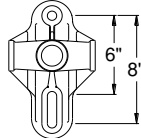
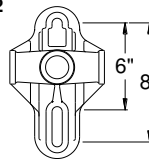
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Bases - Double Phase (2)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style #	15° Standoff (A)			
1		2MAA1  Features: D, 5		2HAA  Features: D, 5
2	2MDA2  Features: D, 5			
3			2HDA3  Features: D, 5	
Style #	0° Standoff (0)			
1				2HA01  Features: 5
Features: B = Bandable C = Cleats D = Double Nut K = Keyhole 5 = 11/16" Dia. 6 = 13/16" Dia.				

Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

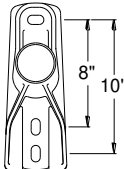
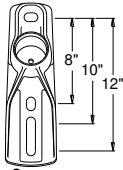
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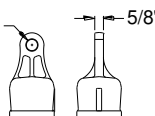
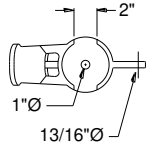
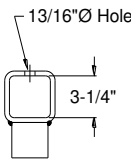
Bases - Triple Phase (3)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style #	15° Standoff (A)			
1		 3MAA1 Features: K, 5		 3HAA1 Features: D, K, 5
2				 3HAA2 Features: D, K, 5
Style #	15° Vertical Standoff (V)			
1	 3MDV1 Features: D, 5	 3MAV1 Features: D, 5	 3HDV1 Features: D, 5	 3HAV1 Features: D, 5
Style #	0° Standoff (0)			
1		 3MA01 Features: 5		
2		 3MA02 Features: K, 5		
Features: B = Bandable C = Cleats D = Double Nut K = Keyhole 5 = 11/16" Dia. 6 = 13/16" Dia.				

Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

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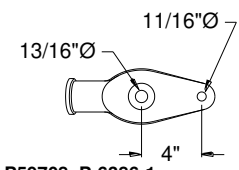
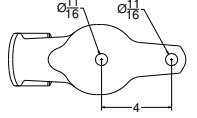
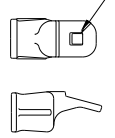
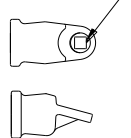
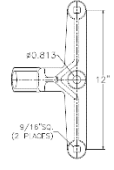
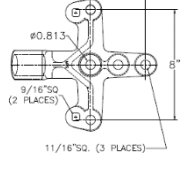
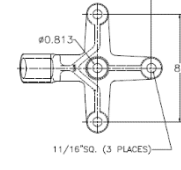
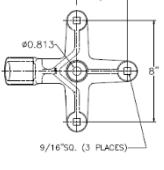
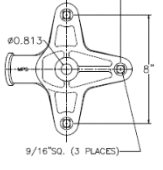
Bases – Transmission Single Phase (1)			
Rod Dia.	2.5" (X)		
Material	Iron (D)	Aluminum (A)	
Style #	15° Standoff (A)		
1		XAA1  Features: D, 5	
2	XDA2  Features: D, 6		
Features: B = Bandable C = Cleats D = Double Nut K = Keyhole 5 = 11/16" Dia. 6 = 13/16" Dia.			

End Fittings - Transmission			
Rod Dia.	2.5" (X)		2.5" (X)
Material	Iron (D)	Aluminum (A)	Iron (D) Aluminum (A)
Style	Suspension Eye (E)		15° Universal (U)
	XDE 		XAU 
	Horizontal Post Insulator (H)		
	XSH 		
	Material: Steel (S)		

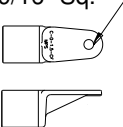
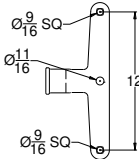
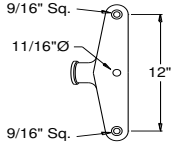
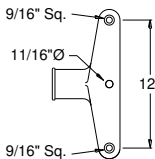
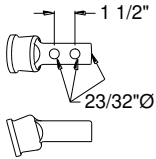
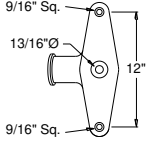
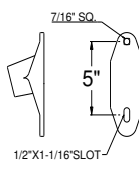
Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

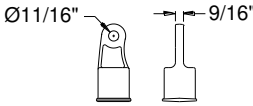
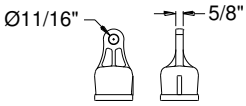
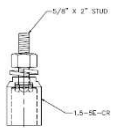
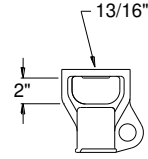
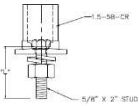
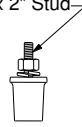
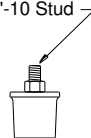
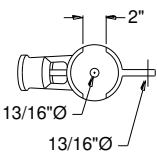
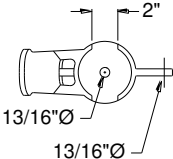
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End Fittings - Cut-Out/Arrestor Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
15° Single Apparatus (A), ALUMINUM ONLY				
		MAA  13/16"Ø 11/16"Ø 4" P59708, P-6386-1 BP6386R3		HAA  Ø11/16 Ø11/16 4" P62325A, *G1AC-2.00-11/16M PD1655AR1
15° Single Ear (C)				
	MDC 9/16" Sq. 	MAC 9/16" Sq. 		
15° Double Ear (D)				
	MDD  9/16" Sq. 12" 1/2" (2 PLACES)	MAD 9/16" Sq. 11/16"Ø 12" 9/16" Sq.		HAD 9/16" Sq. 11/16"Ø 12" 9/16" Sq.
15° Triple Ear (T)				
	MDT  4" 8" 9/16" SQ. (2 PLACES) 11/16" SQ. (3 PLACES)	MAT 13/16"Ø 4" 8" 9/16" Sq. (2 places) 11/16"Ø (4 places)		HAT 13/16"Ø 4" 8" 9/16" Sq. (2 places) 11/16"Ø (4 places)
1.5inches 15° Triple Ear Old Styles (G&X) (No 2inches size)				
	MDG  4" 8" 9/16" SQ. (2 PLACES) 11/16" SQ. (3 PLACES)	MAG 13/16"Ø 4" 8" 9/16" Sq. (2 places) 11/16"Ø (3 places)	MDX  4" 8" 9/16" SQ. (3 PLACES)	MAX (9/16" Square)  4" 8" 9/16" SQ. (3 PLACES)

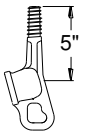
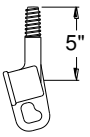
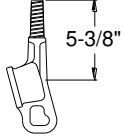
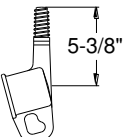
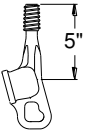
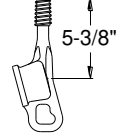
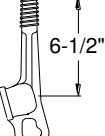
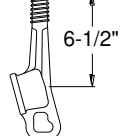
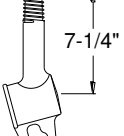
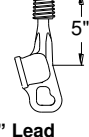
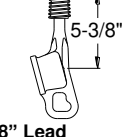
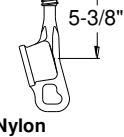
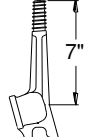
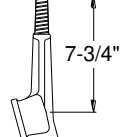
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End Fittings - Cut-Out/Arrestor Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
0° Single Ear (C)				
	MD0C 9/16" Sq. 			
0° Double Ear (D)				
	MD0D 	MA0D (R/B P69909C) 9/16" Sq. 11/16" Ø 9/16" Sq. 		HA0D 9/16" Sq. 11/16" Ø 9/16" Sq. 
15° Tangent Messenger (B)				
			HDB 	
15° SCADA (K)				
				HAK 9/16" Sq. 13/16" Ø 9/16" Sq. 
15° Vertical (SD)				
		MSD 		

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End Fittings - Other Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Suspension Eye (E)				
		MAE 	HDE 	
Fiber Optics (F)				
	MDF 	MAF 		
Horizontal Post Insulator (H)				
				HAH 
Post Insulator with Integral Stud (P)				
	MDP 	MAP 		HAP 
15° Universal (U)				
		MAU 		HAU 

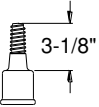
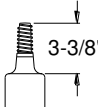
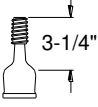
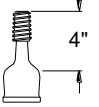
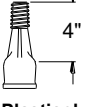
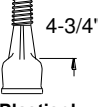
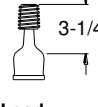
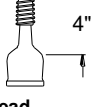
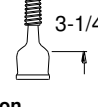
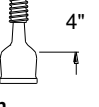
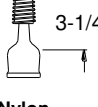
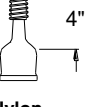
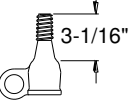
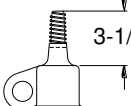
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End Fittings - Vertical Pin Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Thread	15° Vertical Pin (V)			
1	MDV1  Thread: 1" Plastisol	MAV1  Thread: 1" Plastisol	HDV1  Thread: 1" Plastisol	HAV1  Thread: 1" Plastisol
2	MDV2  Thread: 1" Lead		HDV2  Thread: 1" Lead	
3	MDV3  Thread: 1-3/8" Plastisol		HDV3  Thread: 1-3/8" Plastisol	HAV3  Thread: 1 3/8" Plastisol
4	MDV4  Thread: 1-3/8" Lead		HDV4  Thread: 1-3/8" Lead	
5	MDV5  Thread: 1" Nylon		HDV5  Thread: 1" Nylon	
Thread	15° Vertical Pin w/ Long Shank (L)			
1	MDL1  Thread: 1" Plastisol		HDL1  Thread: 1" Plastisol	

Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

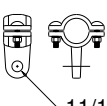
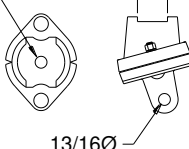
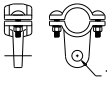
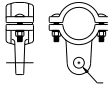
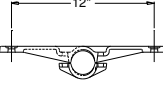
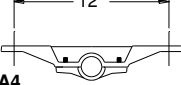
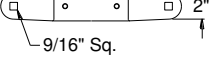
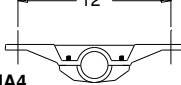
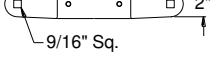
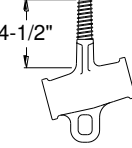
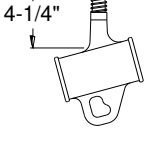
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End Fittings - Straight Pin Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Thread	Straight Pin (S)			
1		MAS1  Thread: 1" Plastisol		HAS1  Thread: 1" Plastisol
2	MDS2  Thread: 1" Lead		HDS2  Thread: 1" Lead	
3		MAS3  Thread: 1-3/8" Plastisol	HDS3  Thread: 1-3/8" Plastisol	
4	MDS4  Thread: 1-3/8" Lead		HDS4  Thread: 1-3/8" Lead	
5	MDS5  Thread: 1" Nylon		HDS5  Thread: 1" Nylon	
6	MDS6  Thread: 1-3/8" Nylon		HDS6  Thread: 1-3/8" Nylon	
Thread	Straight Pin w/ Side Eye (M)			
1		MAM1  Thread: 1" Plastisol		HAM1  Thread: 1" Plastisol

Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

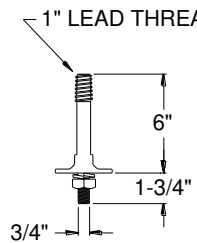
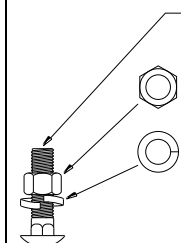
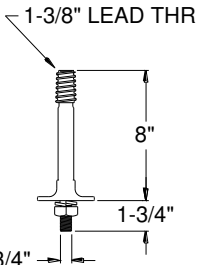
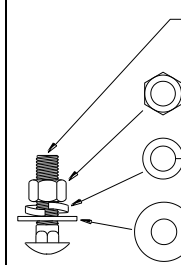
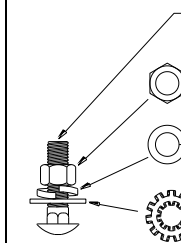
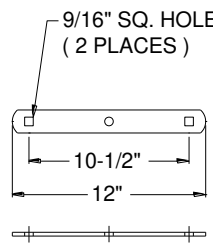
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Options - Adapter Fittings (A#)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Suspension Eye Collar (Parallel Eye)				
1		MA1  11/16"Ø		HA1 13/16Ø  13/16Ø 2"
Suspension Eye Collar (Perpendicular Eye)				
2		MA2  11/16"Ø		HA2  11/16"Ø
0° Cut-Out/Arrestor Collar				
3			For HA3: P59687 P6365-01 DP6365R0 P59688 P-6365-02 DP6365R0	HA3  12"  9/16" Sq. 3"
15° Cut-Out/Arrestor Collar				
4		 MA4 12"  9/16" Sq. 2"		 HA4 12"  9/16" Sq. 2"
Alley Arm 15° Mid-Phase Vertical Pin Note: Material will be equivalent to end fitting material.				
Consult factory for catalog number.			 4-1/2"	 4-1/4"

Fiberglass Catalog Numbering System

Single, Double, & Triple Phase Brackets

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Options			
Option #	Insulator Pin (P#)	Option #	Hardware
P1	 Material: Steel	B Standard	 Material: Steel
P2	 Material: Steel	F (B + Flat Washer)	 Material: Steel
		W (B + Star Washer)	 Material: Steel
Option #	Strap		
S	 Material: Steel		

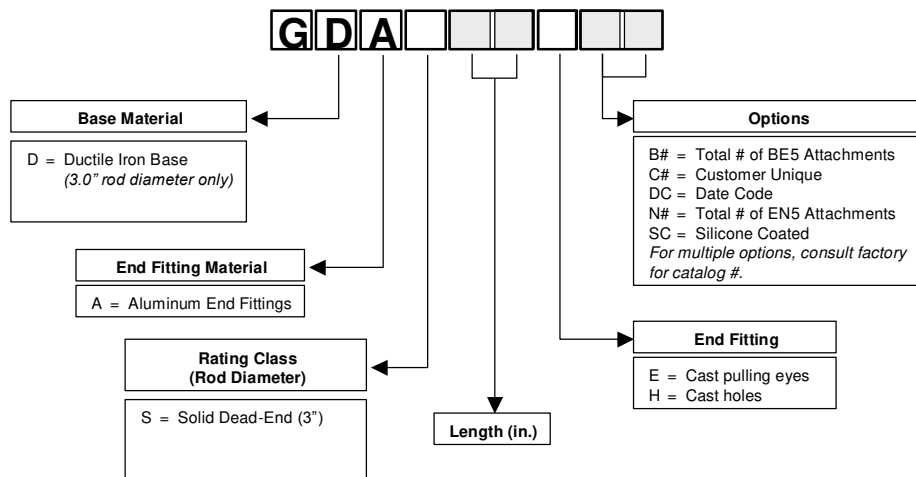


Fiberglass Catalog Numbering System

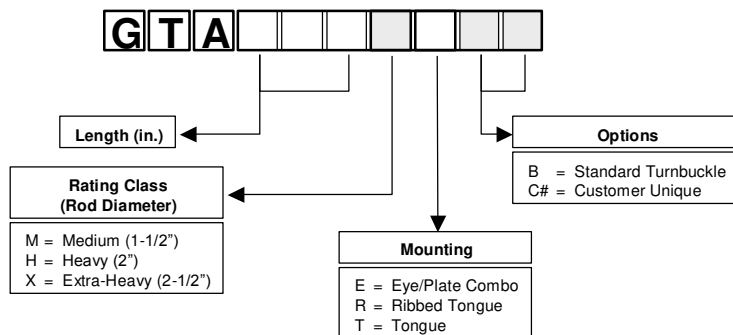
Crossarm Assemblies

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Deadend Crossarm Assemblies



Transmission Crossarm Assemblies

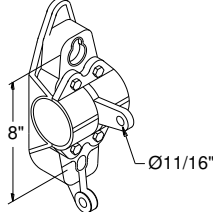


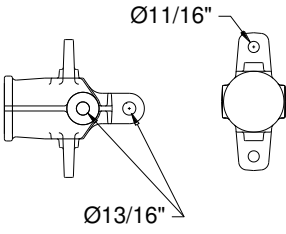
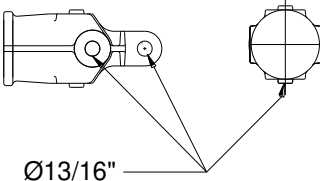
Standard Materials

Aluminum: A356-T6
Coating: Polyurethane w/ ultra-violet protection, MPS Gray
SC option - Vulcanized silicone rubber, gray
Ductile Iron: Grade 65-45-12 w/ hot dip galvanized per ASTM A153
Hardware: Steel w/ hot dip galvanized per ASTM A153
Rod: Fiberglass
Steel: Grade A36 w/ hot dip galvanized per ASTM A153

NOTE: Product specifications are subject to continuous improvement and may be changed at any time without notification.

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Bases - Deadend Crossarm	
Rod Dia.	3.0" (S)
Material	Iron (D)
	Features: B, D, K, 5 
Features:	B = Bandable 5 = 11/16" Dia. C = Cleats 6 = 13/16" Dia. D = Double Nut K = Keyhole

End Fittings – Deadend Crossarm	
Rod Dia.	3.0" (S)
Material	Aluminum (A)
E	
H	

Adapter Fittings – Deadend Crossarm			
Note 1: Consult factory for catalog number. Note 2: Adapters are only available for 3.0" diameter rod or tube and in aluminum.			
