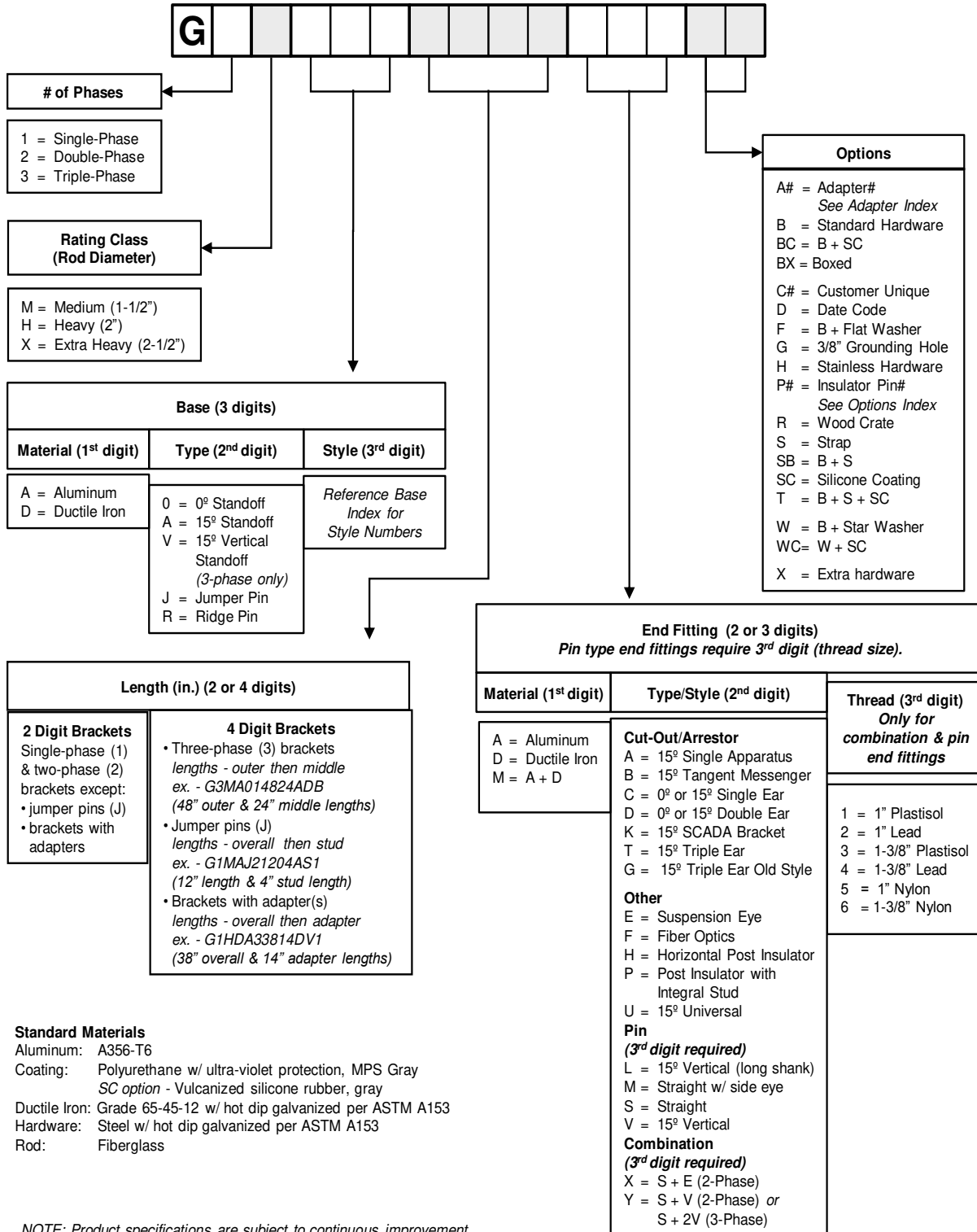


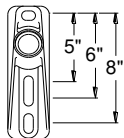
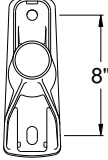
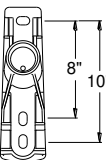
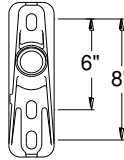
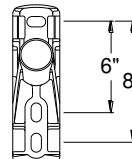
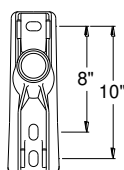
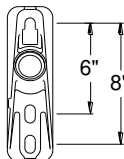
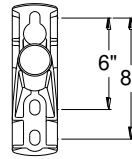
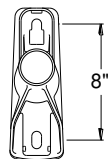
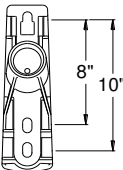
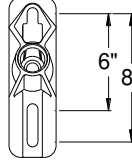
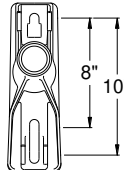
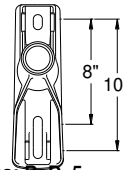
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Single, Double, & Triple Phase Brackets

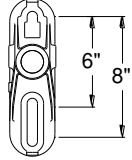
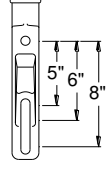
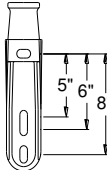
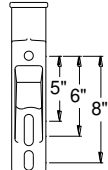
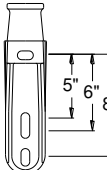

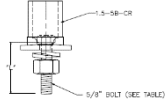





NOTE: Product specifications are subject to continuous improvement and may be changed at any time without notification.

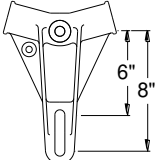
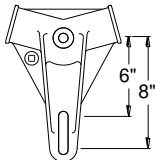
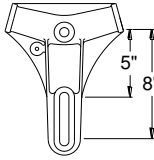
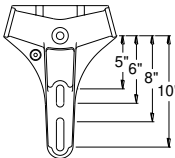
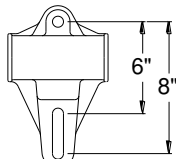
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Bases - Single Phase (1)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style #	15° Standoff (A)			
1	MDA1  Features: C, 5		HDA1  Features: D, 5	HAA1  Features: B, D, 5
2	MDA2  Features: B, 5	MAA2  Features: B,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

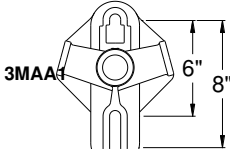
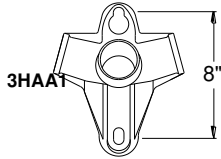
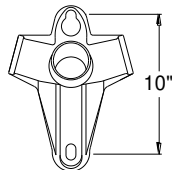
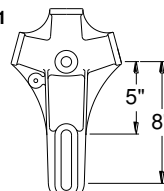
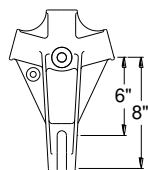
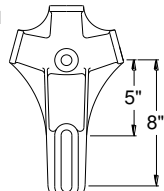
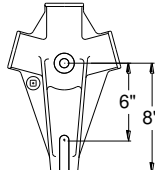
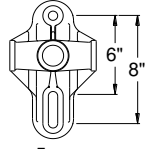
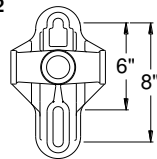
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Bases - Single Phase (1)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style #	0° Standoff (0)			
1		MA01  Features: B, K, 5		
Style #	Ridge Pin (R)			
1	MDR1  Features: D, 5	MAR1  Features: D, 5	HDR1  Features: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

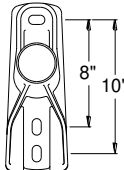
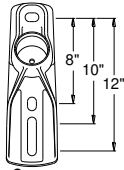
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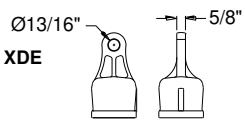
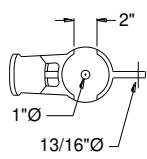
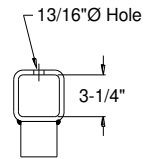
Bases - Double Phase (2)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style #	15° Standoff (A)			
1		2MAA1  Features: D, 5		2HAA  Features: D, 5
2	2MDA2  Features: D, 5			
3				2HDA3  Features: D, 5
Style #	0° Standoff (0)			
1				2HA01  Features: 5
Features: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

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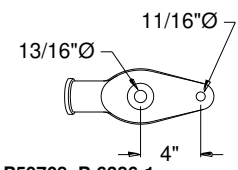
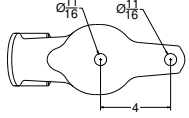
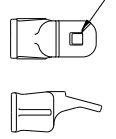
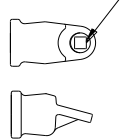
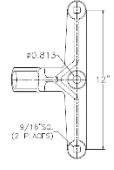
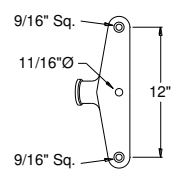
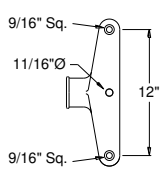
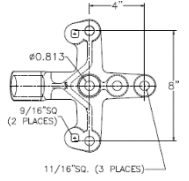
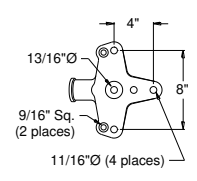
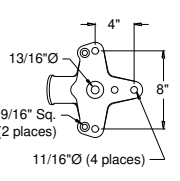
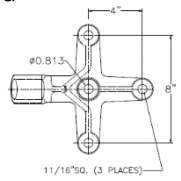
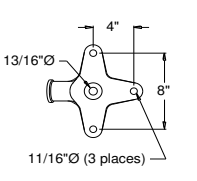
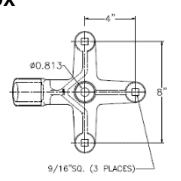
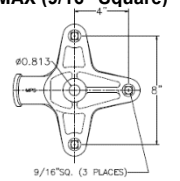
Bases - Triple Phase (3)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style #	15° Standoff (A)			
1		 <p>3MAA1 Features: K, 5</p>		 <p>3HAA1 Features: D, K, 5</p>
2				 <p>3HAA2 Features: D, K, 5</p>
Style #	15° Vertical Standoff (V)			
1	 <p>3MDV1 Features: D,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

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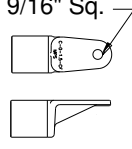
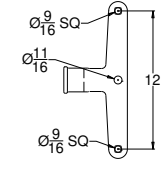
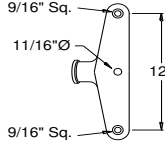
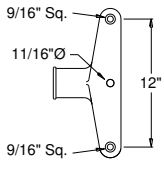
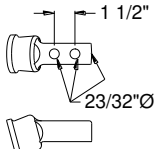
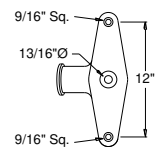
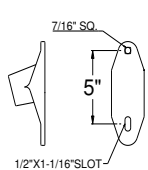
Bases – Transmission Single Phase (1)			
Rod Dia.	2.5" (X)		
Material	Iron (D)	Aluminum (A)	
Style #	15° Standoff (A)		
1		<p>XAA1</p>  <p>Features: D, 5</p>	
2	<p>XDA2</p>  <p>Features: D, 6</p>		
<p>Features: B = Bandable C = Cleats D = Double Nut K = Keyhole 5 = 11/16" Dia. 6 = 13/16" Dia.</p>			

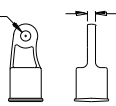
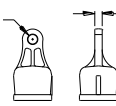
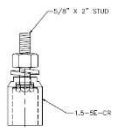

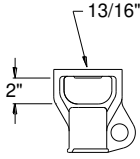
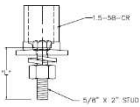


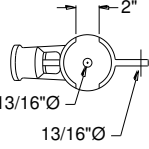
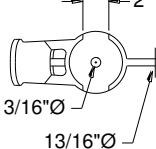
End Fittings - Transmission				
Rod Dia.	2.5" (X)		2.5" (X)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	Suspension Eye (E)		15° Universal (U)	
	<p>XDE</p> 			<p>XAU</p> 
	Horizontal Post Insulator (H)			
	<p>XSH</p> 			
	Material: Steel (S)			

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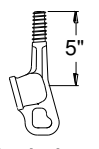
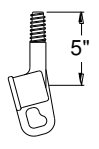
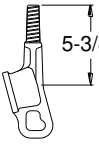
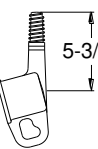
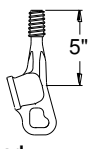
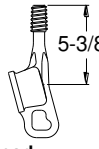
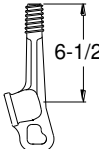
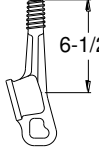
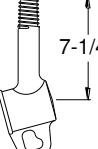
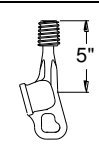
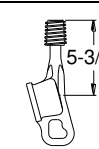
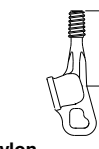

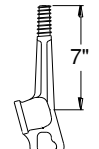
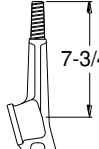
End Fittings - Cut-Out/Arrestor Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
15° Single Apparatus (A), ALUMINUM ONLY				
		<p>MAA</p>  <p>P59708, P-6386-1 BP6386R3</p>		<p>HAA</p>  <p>P62325A, *G1AC-2.00-11/16M PD1655AR1</p>
15° Single Ear (C)				
	<p>MDC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

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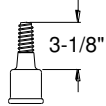
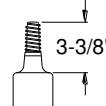
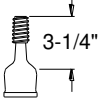
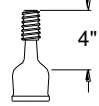
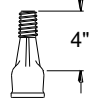
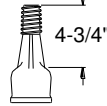
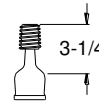
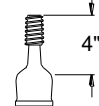
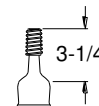
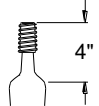
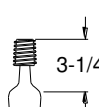
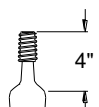
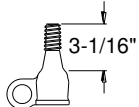
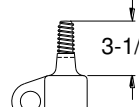
End Fittings - Cut-Out/Arrestor Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
0° Single Ear (C)				
	MD0C 9/16" Sq. 			
0° Double Ear (D)				
	MD0D 	MA0D (R/B P69909C) 9/16" Sq. 11/16"Ø 9/16" Sq. 		HA0D 9/16" Sq. 11/16"Ø 9/16" Sq. 
15° Tangent Messenger (B)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

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 Ø11/16" 	HDE Ø11/16" 	
Fiber Optics (F)				
	MDF 	MAF 5/8" x 2" Stud 		
Horizontal Post Insulator (H)				
				HAH 
Post Insulator with Integral Stud (P)				
	MDP 	MAP 5/8" x 2" Stud 		HAP 3/4"-10 Stud 
15° Universal (U)				
		MAU 		HAU 

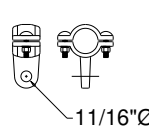
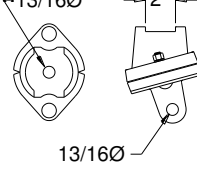
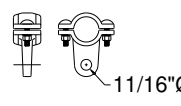
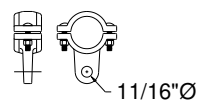
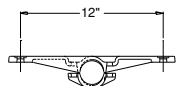

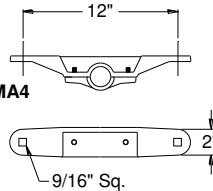
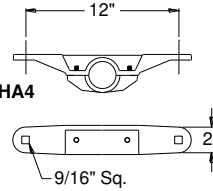
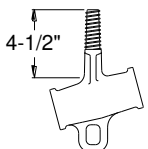
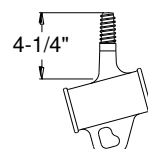
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End Fittings - Vertical Pin Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Thread	15° Vertical Pin (V)			
1	MDV1  Thread: 1" Plastisol	MAV1  Thread: 1" Plastisol	HDV1  Thread: 1" Plastisol	HAV1  Thread: 1" 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	

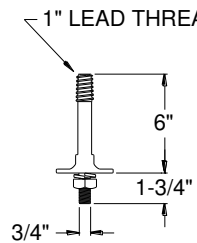
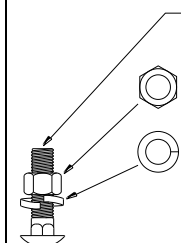
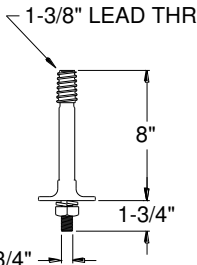
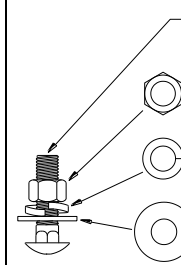
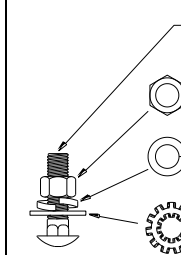
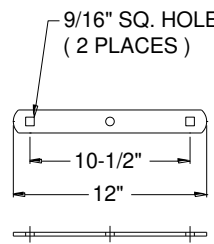
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End Fittings - Straight Pin Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Thread	Straight Pin (S)			
1		MAS1  Thread: 1" Plastisol		HAS1  Thread: 1" Plastisol
2	MDS2  Thread: 1" Lead		HDS2  Thread: 1" Lead	
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

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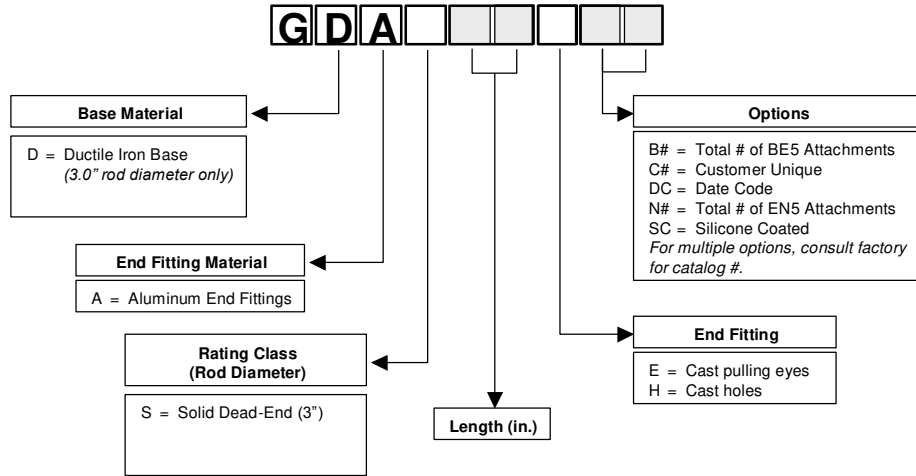
Options - Adapter Fittings (A#)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Suspension Eye Collar (Parallel Eye)				
1		MA1  11/16"Ø		HA1 13/16Ø  2" 13/16Ø
Suspension Eye Collar (Perpendicular Eye)				
2		MA2  11/16"Ø		HA2  11/16"Ø
0° Cut-Out/Arrestor Collar				
3			For HA3: P59687 P6365-01 DP6365R0 P59688 P-6365-02 DP6365R0	HA3  12"  9/16" Sq.
15° Cut-Out/Arrestor Collar				
4		MA4  12" 2" 9/16" Sq.		HA4  12" 2" 9/16" Sq.
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"

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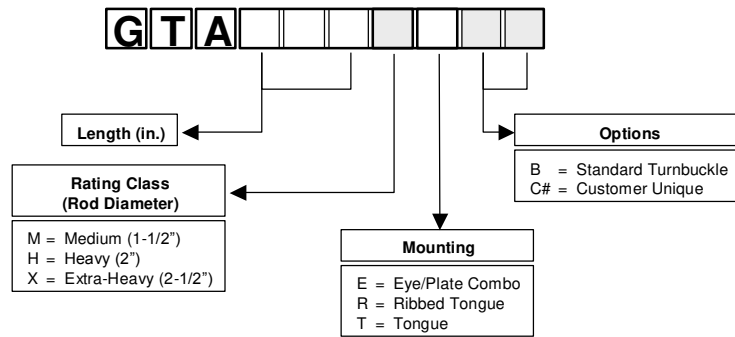
Options			
Option #	Insulator Pin (P#)	Option #	Hardware
P1	 <p style="text-align: center;">1" LEAD THREADS</p> <p style="text-align: center;">6"</p> <p style="text-align: center;">1-3/4"</p> <p style="text-align: center;">3/4"</p> <p style="text-align: center;">Material: Steel</p>	B Standard	 <ul style="list-style-type: none"> 1/2" x 2" CARRIAGE BOLT 1/2" HEX NUT 1/2" LOCK WASHER <p style="text-align: center;">Material: Steel</p>
P2	 <p style="text-align: center;">1-3/8" LEAD THREADS</p> <p style="text-align: center;">8"</p> <p style="text-align: center;">1-3/4"</p> <p style="text-align: center;">3/4"</p> <p style="text-align: center;">Material: Steel</p>	F (B + Flat Washer)	 <ul style="list-style-type: none"> 1/2" x 2" CARRIAGE BOLT 1/2" HEX NUT 1/2" LOCK WASHER 1/2" FLAT WASHER <p style="text-align: center;">Material: Steel</p>
W (B + Star Washer)		W (B + Star Washer)	 <ul style="list-style-type: none"> 1/2" x 2" CARRIAGE BOLT 1/2" HEX NUT 1/2" LOCK WASHER 1/2" STAR WASHER <p style="text-align: center;">Material: Steel</p>
Option #	Strap		
S	 <p style="text-align: center;">9/16" SQ. HOLES (2 PLACES)</p> <p style="text-align: center;">10-1/2"</p> <p style="text-align: center;">12"</p> <p style="text-align: center;">Material: Steel</p>		

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Deadend Crossarm Assemblies



Transmission Crossarm Assemblies

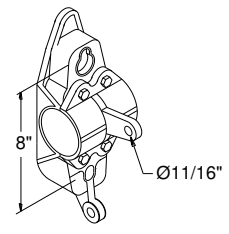


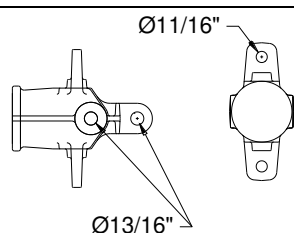
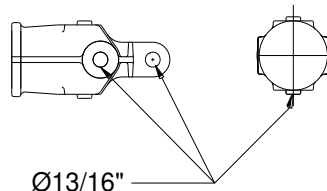
Standard Materials

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 C = Cleats D = Double Nut K = Keyhole 5 = 11/16" Dia. 6 = 13/16" Dia.

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.			
