Single, Double & Triple Phase Brackets

of Phases

1 = Single Phase
2 = Double Phase
3 = Triple Phase

Rating Class (Rod Diameter)

M = Medium (1 1/2")
H = Heavy (2")
X= Extra Heavy (2 1/2")

Base (3 digits)

Material (1st digit)	Type (2nd digit)	Style (3rd digit)
A = Aluminum D = Ductile Iron	0 = 0° Standoff A = 15° Standoff V = 15° Vertical Standoff (3 phase only) J = Jumper Pin R = Ridge Pin	*Reference Base Index for Style Numbers*

Length (in) - (2 or 4 digits)

2 Digit Brackets	4 Digit Brackets
Single Phase (1) & Double Phase (2) brackets except: Jumper pins (J) & Brackets with adapters	*Triple Phase (3) Brackets:* *Lengths - Outer then middle* *Ex - G3MA014824ADB* *(48" outer & 24" middle lengths)* *Jumper Pins (J):* *Lengths - Overall then stud* *Ex - G1MAJ21204AS1* *(12" length & 4" stud)* *Brackets with adapter(s):* *Lengths - Overall then adapter* *Ex - G1HDA33814DV1* *(38" length & 14" adapter length)*

Options

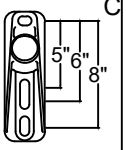
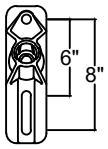
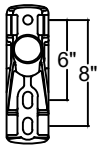
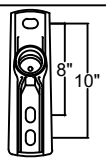
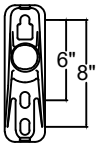
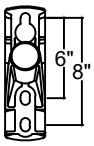
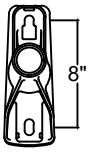
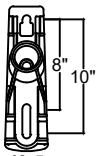
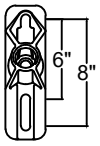
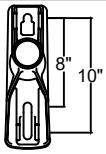
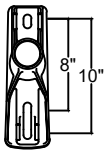
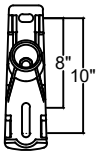
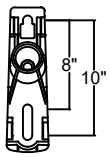
A = Adapter #
See Adapter Index
B = Standard Hardware
BC = B + SC
BX = Boxed
C# = Customer Unique
D = Date Code
E = Different Angled End
F = B + Flat Washer
G = 3/8" Grounding Hole
H = Stainless Hardware
P# = Insulator Pin#
See Options Index
R = Wood Crate
S = Strap
SB = B + S
SC = Silicone Coating
T = B + S + SC
W = B + Star Washer
WC = W + SC
X = Extra hardware

End Fitting (2 or 3 digits)

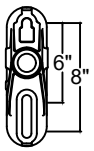
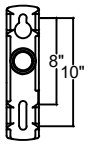
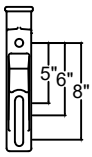
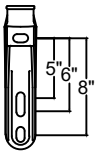
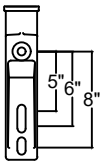
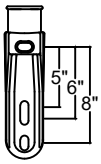
Material (1st digit)	Type (2nd digit)	Thread (3rd digit)
A = Aluminum D = Ductile Iron M = A + D	Cut-Out / Arrestor: A = 15° Single Apparatus B = 15° Tangent Messenger C = 0° or 15° Single Ear D = 0° or 15° Double Ear G = 15° Triple Ear (Old Style) K = 15° SCADA Bracket T = 15° Triple Ear Other: E = Suspension Eye F = Fiber Optics H = Horizontal Post Insulator P = Post Insulator with Integral Stud U = 15° Universal Pin (3rd digit): L = 15° Vertical (Long shank) M = Straight w/ side eye S = Straight V = 15° Vertical Combination (3rd digit): X = S + E (Double Phase) Y = S + V (Double Phase) S + 2V (Triple Phase)	1 = 1" Plastisol 3 = 1 3/8" Plastisol 5 = 1" Nylon 6 = 1 3/8" Nylon *Thread #2 and #4 (lead) were made obsolete.*

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

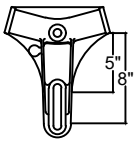
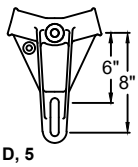
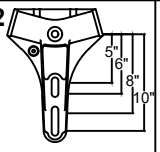
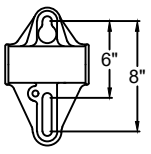
NOTE:
Product specifications are subject to continuous improvement and may be changed at any time without notification

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**	**MAA1**  **Features: B, D, 5**		
2		**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**	**HAA5**  **Features: B, D, 5**
6				**HAA6**  **Features: B, D, K, 6**

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

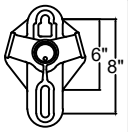
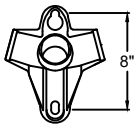
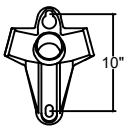
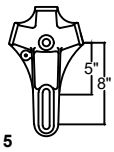
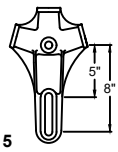
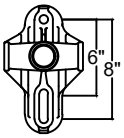
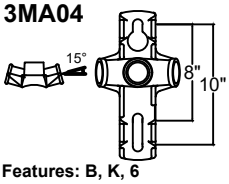
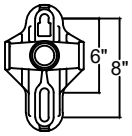
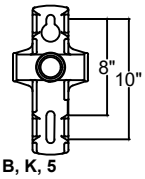
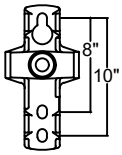
Bases - Single Phase (1)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	0° Standoff (0)			
1		**MA01**  **Features: B, K, 5**		
2		**MA02**  **Features: B, K ,5**		
Style	Ridge Pin (R)			
1	**MDR1**  **Features: D, 5**	**MAR1**  **Features: D, 5**	**HDR1**  **Features: D, 5**	**HAR1**  **Features: D, 5**
Style	Jumper Pin (J)			
1		**MAJ1**  **Features: 5**		
2	**MDJ2** C  **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

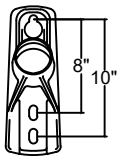
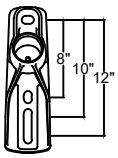
Bases - Double Phase (2)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	15° Standoff (A)			
1	**2MDA1**  **Features: B, 5**	**2MAA1**  **Features: D, 5**		
2			**2HDA2**  **Features: D, 5**	
3				
Style	0° Standoff (0)			
1				
2				**2HA02**  **Features: K, 5**

Features: B = Bandable, 5 = 11/16" Dia., C = Cleats, 6 = 13/16" Dia., D = Double Nut, K = Keyhole

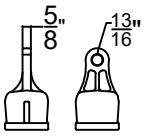
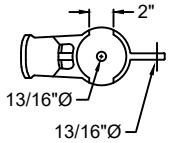
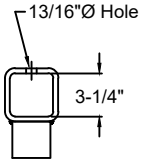
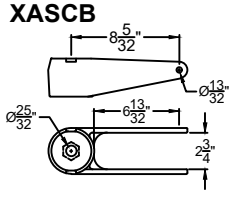
Bases - Triple Phase (3)

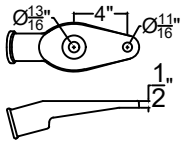
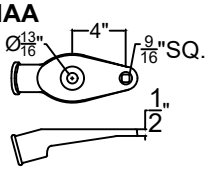
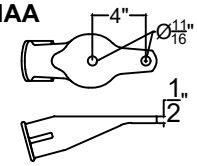
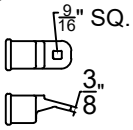
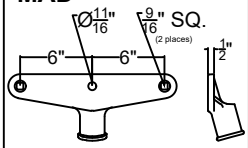
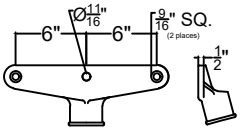
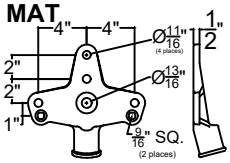
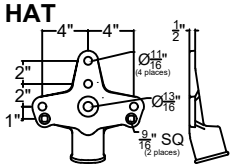
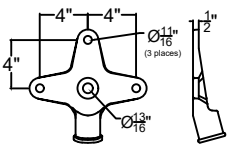
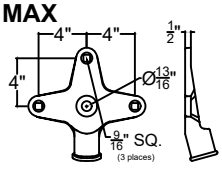
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	15° Standoff (A)			
1		**3MAA1**  Features: K, 5		**3HAA1**  Features: D, K, 5
2				**3HAA2**  Features: D, K, 5
	15° Vertical Standoff (V)			
1	**3MDV1**  Features: D, 5		**3HDV1**  Features: D, 5	
Style	0° Standoff (0), ALUMINUM ONLY			
1	**3MA01**  Features: 5	4 **3MA04**  Features: B, K, 6		
2	**3MA02**  Features: K, 5	5 **3MA05**  Features: B, K, 5		
3	**3MA03**  Features: B, K, 5			

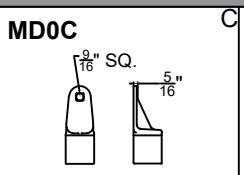
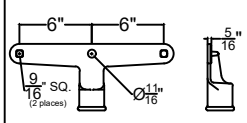
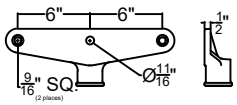
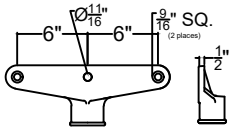
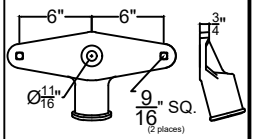
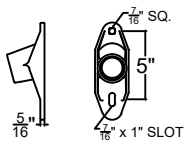
Features: B = Bandable C = Cleats D = Double Nut K = Keyhole
5 = 11/16" Dia. 6 = 13/16" Dia.

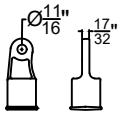
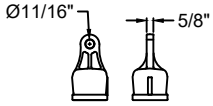
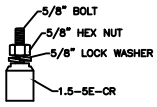
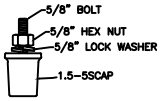
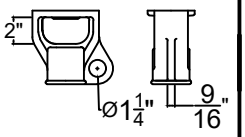
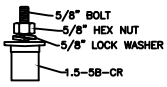
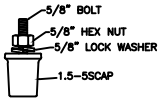
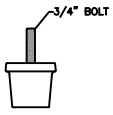
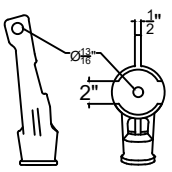
Bases - Transmission Single Phase (1)				
Rod Dia.	2.5" (X)			
Material	Iron (D)	Aluminum (A)		
Style	15° Standoff (A)			
1		**XAA1**  **Features: D, K, 5**		
2	**XDA2**  **Features: D, 6**			

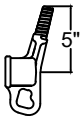
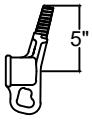
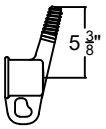
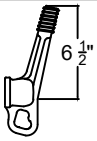
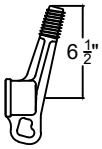
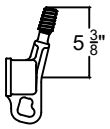
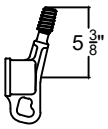
Features: B = Bandable, C = Cleats, D = Double Nut, K = Keyhole, 5 = 11/16" Dia., 6 = 13/16" Dia.

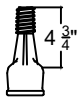
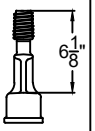
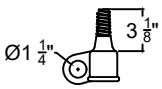
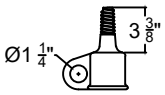
End Fittings - Transmission				
Rod Dia.	2.5" (X)		2.5" (X)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	Suspension Eye (E)		15° Universal (U)	
1	**XDE** 			**XAU** 
Style	Horizontal Post Insulator (H)		Spacer Cable Bracket (SCB)	
1	**XSH** 			**XASCB** 

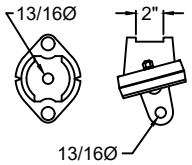
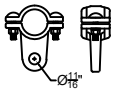
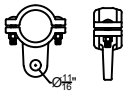
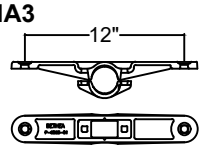
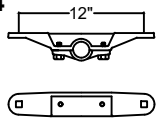
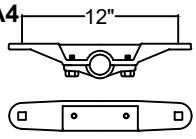
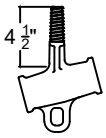
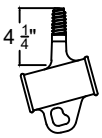
End Fittings - Cut-Out/Arrestor Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	15° Single Apparatus (A), ALUMINUM ONLY			
1-2	**MAA2** 	**MAA** 		**HAA** 
Style	15° Single Ear (C)			
1	**MDC** C 			
Style	15° Double Ear (D)			
1		**MAD** 		**HAD** 
Style	15° Triple Ear (T)			
1		**MAT** 		**HAT** 
Style	15° Triple Ear Old Style (G&X), 1.5" ONLY			
1		**MAG** 		**MAX** 

End Fittings - Cut-Out/Arrestor Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	0° Single Ear (C)			
1	**MD0C** 			
Style	0° Double Ear (D)			
1	**MD0D** 	**MA0D** 		**HA0D** 
Style	15° Tangent Messenger (B)			
1				
Style	15° SCADA (K)			
1				**HAK** 
Style	15° SLOTTED DOUBLE EAR (SD)			
1		**MDD** 		

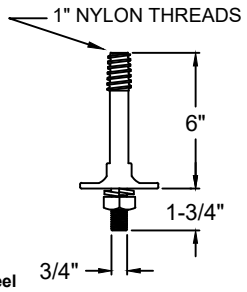
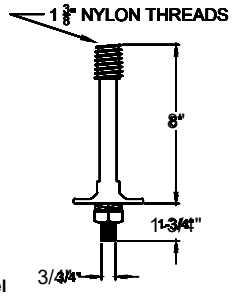
End Fittings - Other Types				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	Suspension Eye (E)			
1		**MAE** C 	**HDE** 	
Style	Fiber Optics (F)			
1	**MDF** C 	**MAF** 		
Style	Horizontal Post Insulator (H)			
1				**HAH** 
Style	Post Insulator with Integral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

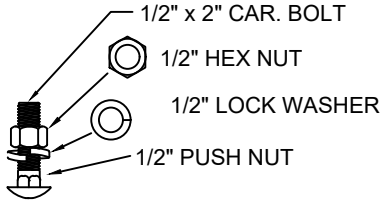
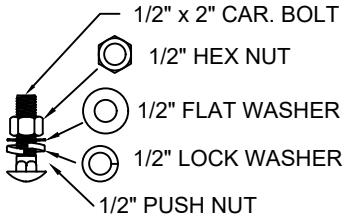
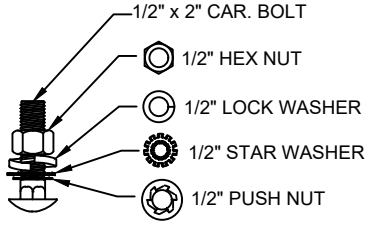
End Fittings - Vertical Pin Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	15° Vertical Pin (V)			
1	**MDV1**  THREAD-1" PLASTISOL	**MAV1**  THREAD-1" PLASTISOL		**HAV1**  THREAD-1" PLASTISOL
2				
3	**MDV3**  THREAD-1 3/8" PLASTISOL		**HDV3**  THREAD-1 3/8" PLASTISOL	
4				
5	**MDV5**  THREAD-1" NYLON		**HDV5**  THREAD-1" NYLON	
6				
Style	15° Vertical Pin w/ Long Shank (L)			
1				

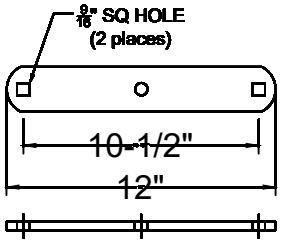
End Fittings - Straight Pin Type				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	Straight Pin (S)			
1		**MAS1**  THREAD-1" PLASTISOL		**HAS1**  THREAD-1" PLASTISOL
2				
3		**MAS3**  THREAD-1 3/8" PLASTISOL	**HDS3**  THREAD-1 3/8" PLASTISOL	
4				
5	**MDS5** C  THREAD-1" NYLON		**HDS5** C  THREAD-1" NYLON	
6			**HDS6**  THREAD-1-3/8" NYLON	
Style	Straight Pin w/ Side Eye (M)			
1		**MAM1**  THREAD-1" PLASTISOL		**HAM1**  THREAD-1" PLASTISOL

Options - Adapter Fittings (A#)				
Rod Dia.	1.5" (M)		2.0" (H)	
Material	Iron (D)	Aluminum (A)	Iron (D)	Aluminum (A)
Style	Suspension Eye Collar (Parallel Eye)			
1		**MA1** 		**HA1** 
Style				
2		**MA2** 		**HA2** 
Style	0° Cut-Out / Arrestor Collar			
3				**HA3** 
Style	15° Cut-Out / Arrestor Collar			
4		**MA4** 		**HA4** 
Style	Alley Arm 15° Mid-Phase Vertical Pin			
Consult Factory for Catalog Number			 **THREAD-1" PLASTISOL**	 **THREAD-1" PLASTISOL**

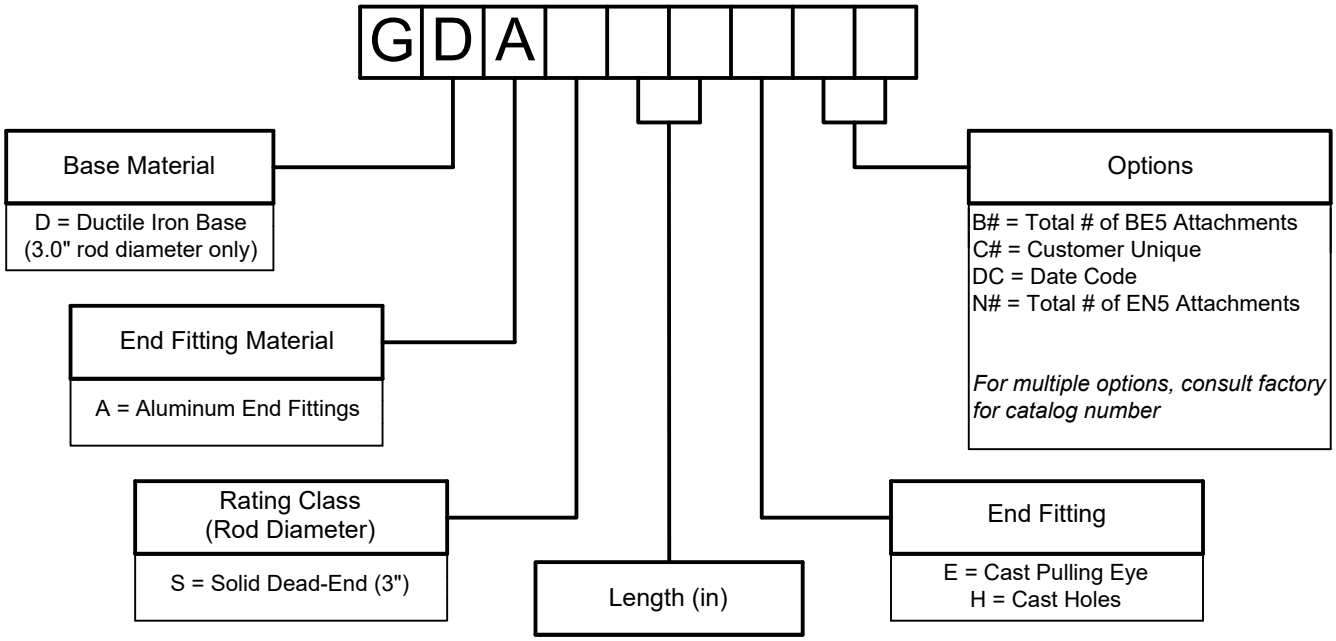
Options

Option #	Insulator Pin Style
P1	 **Material: Steel**
P2	 **Material: Steel**

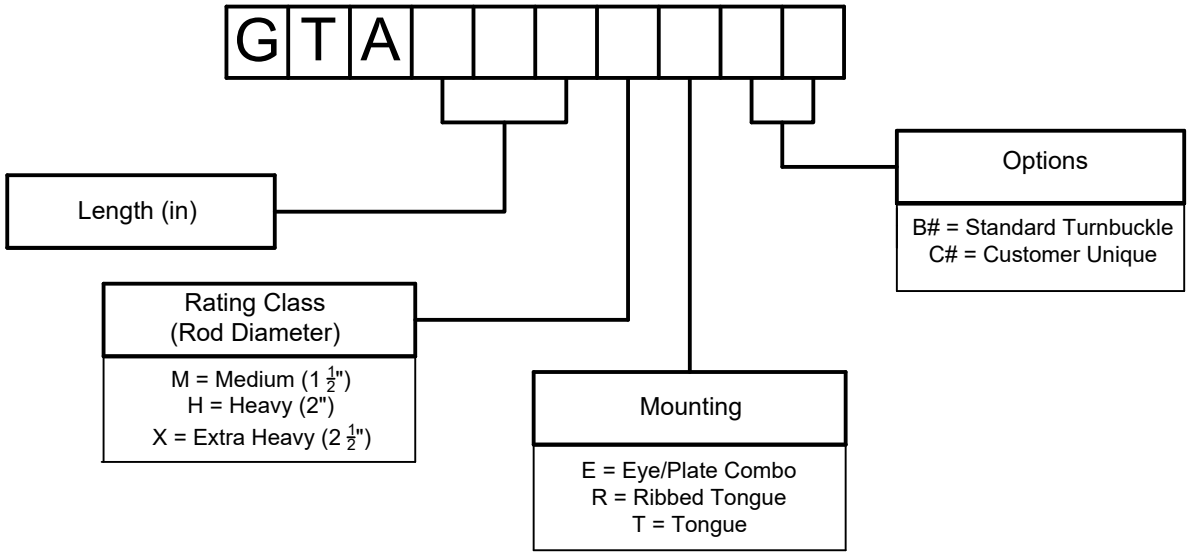
Option #	Hardware
B	 **Material: Steel**
F	 **Material: Steel**
W	 **Material: Steel**

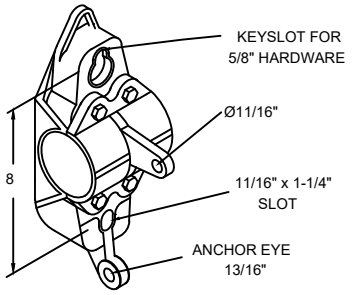
Option #	strap
S	 **Material: Steel**

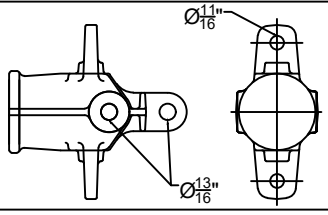
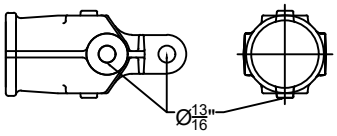
Deadend Crossarm Assemblies



Deadend Crossarm Assemblies



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 numbers.
Note 2: Adapters are only available for 3.0" diameter rod or tube in aluminum