



TRIGOLD

上海鑫之机电设备有限公司
TRIGOLD POWER CO.,LTD.

美标金具

POWER FITTINGS

ANSI/ASTM standard



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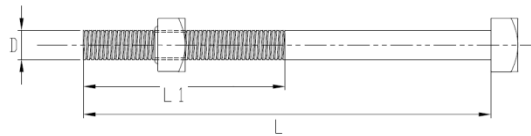
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MACHINE BOLT - SQUARE HEAD



Standard: ANSI C135.1

Hot Dip Galvanizing: ASTM A-153

Machine Bolt D=3/8 Inch Thread Diameter

Rated Tension Strength: 4250 lbs. (1930 kg)

Bolt length Size (L)		Thread length(L1)	
Inch	mm	Inch	mm
1-1/2	38	1	25
2	50	1	25
3	75	1	25
4	100	3	75
5	125	3	75
6	150	3	75
8	200	4	100
10	250	4	100

Machine Bolt D=1/2 Inch Thread Diameter

Rated Tension Strength: 7800 lbs. (3540kg)

Bolt length Size (L)		Thread length (L1)	
Inch	mm	Inch	mm
1-1/2	38	1-1/4	32
2	50	1-3/4	44
2-1/2	63	2-1/4	58
3	75	2-3/4	69
4	100	3	75
5	125	3	75
6	150	3	75
8	200	4	100
10	250	4	100
12	300	6	150
14	350	6	150
16	400	6	150
18	450	6	150

Machine Bolt D=5/8 Inch Thread Diameter

Rated Tension Strength: 12400 lbs. (5630kg)

Bolt length Size (L)		Thread length (L1)	
Inch	mm	Inch	mm
5	125	4	100
6	150	6	150
8	200	6	150
10	250	6	150
12	300	6	150
14	350	6	150
16	400	6	150
18	450	6	150
20	500	6	150
22	550	6	150
24	600	6	150
26	650	6	150
28	700	6	150

Machine Bolt D=3/4 Inch Thread Diameter

Rated Tension Strength: 18350 lbs. (8330kg)

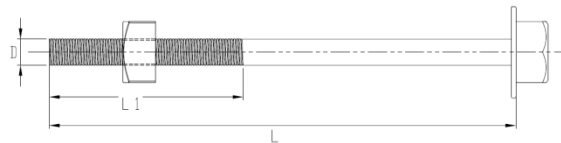
Bolt length Size (L)		Thread length (L1)	
Inch	mm	Inch	mm
8	200	4	100
10	250	4	100
12	300	6	150
14	350	6	150
16	400	6	150
18	450	6	150
20	500	6	150
22	550	6	150
24	600	6	150
26	650	6	150

Machine Bolt D=7/8 Inch Thread Diameter

Rated Tension Strength: 25400 lbs. (11520kg)

Bolt length Size (L)		Thread length (L1)	
Inch	mm	Inch	mm
14	350	6	150
16	400	6	150
18	450	6	150
20	500	6	150
22	550	6	150

BRACE BOLT

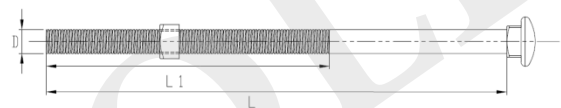


Standard: ANSI C135.1

Hot Dip Galvanizing: ASTM A-153

Diameter (D) Inch	Rated Tension Lbs.	Bolt length Size (L)		Thread length (L1)	
		Inch	mm	Inch	mm
3/8	4250	4-1/2	113	2	50
1/2	7800	4-1/2	113	2	50

CARRIAGE BOLT



Standard: ANSI C135.1

Hot Dip Galvanizing: ASTM A-153

D=3/8 Inch Diameter

Rated Tension Strength: 4250 lbs.

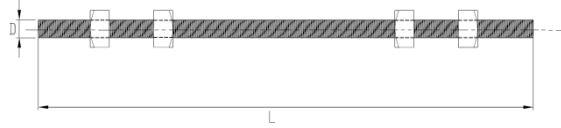
Bolt length Size (L)		Thread length Inch (L1)	
Inch	mm	Inch	mm
3	75	2	50
4	100	3	75
4-1/2	113	3	75
5	125	3	75
5-1/2	138	3	75

D=1/2 Inch diameter

Rated Tension Strength: 7800 lbs.(3540kg)

Bolt length Size (L)		Thread length Inch (L1)	
Inch	mm	Inch	mm
4-1/2	113	3	75
5	125	3	75
5-1/2	138	3	75
6	150	3	75
7	175	4	100

DOUBLE ARMING BOLT



Standard: ANSI C135.1

Hot Dip Galvanizing: ASTM A-153

D=1/2 Inch Diameter

Rated Tension Strength: 7800 lbs.(3540kg)

Bolt length Size (L)	
Inch	mm
10	250
12	300
14	350
16	400

D=5/8 Inch Diameter

Rated Tension Strength: 12400 lbs.(5630kg)

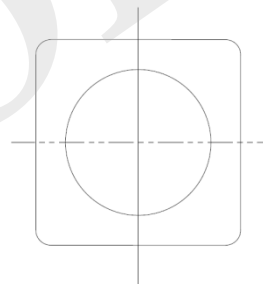
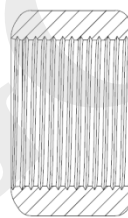
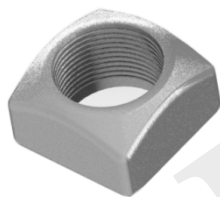
Bolt length Size (L)	
Inch	mm
10	250
12	300
14	350
16	400
18	450
20	500
22	550
24	600
26	650
28	700
30	750
32	800

D=3/4 Inch Diameter

Rated Tension Strength: 18350 lbs.(8330kg)

Bolt length Size (L)	
Inch	mm
12	300
14	350
16	400
18	450
20	500
22	550
24	600
26	650
28	700
30	750

SQUARE NUT

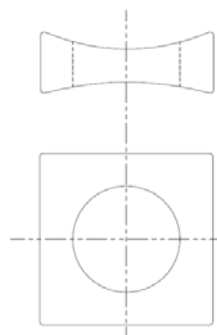
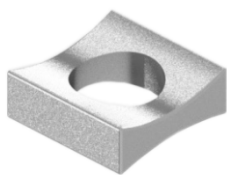


Standard: ANSI C135.1

Hot Dip Galvanizing: ASTM A-153

Nut Size		Threads per Inch
Inch	mm	
3/8	10	16
1/2	12	13
5/8	16	11
3/4	20	10
7/8	22	9

MF NO1 LOCK NUTS-REGULAR BOLT



Standard: ANSI C135.1

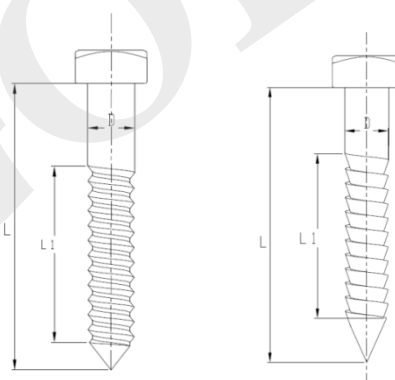
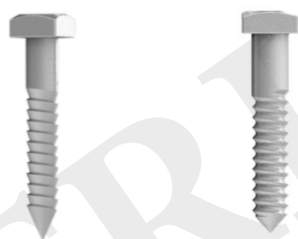
Hot Dip Galvanizing: ASTM A-153

Nut Size		Threads per Inch
Inch	mm	
3/8	10	16
1/2	12	13
5/8	16	11
3/4	20	10

LAG SCREW

Standard: ANSI C135.1

Hot Dip Galvanizing: ASTM A-153



GIMLET DRIVE POINT

Diameter (D)	Bolt length (L)		Thread length (L1)	
	Inch	mm	Inch	mm
1/2	3	75	2	50
1/2	4	100	2-1/2	63
1/2	5	125	3	75

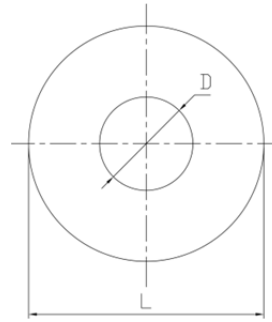
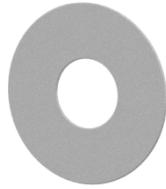
FETTER DRIVE REGULAR POINT

Diameter (D)	Bolt length (L)		Thread length (L1)	
	Inch	mm	Inch	mm
1/2	3	75	2	50
1/2	4	100	2-1/2	63
1/2	5	125	3	75
5/8	5	125	3	75

WAHSERS

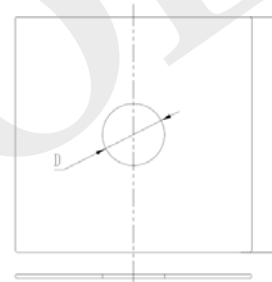
Standard: ANSI C135.1

Hot Dip Galvanizing: ASTM A-153



ROUND WASHER

Outside Diameter inch	Hole Diameter (D) inch	For Bolt Diameter Inch
1	7/16	3/8
1-1/4	9/16	1/2
1-3/8	9/16	1/2
3-3/4	11/16	5/8
2	13/16	3/4

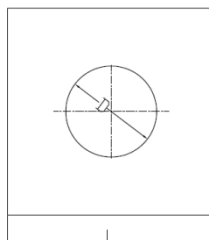


SQUARE FLAT WASHER

Outside Size (Inch)	Hole Diameter (mm)	For Bolt Diameter Inch
2x2x1/8	9/16	1/2
2x2x1/8	11/16	5/8
2x2x3/16	11/16	5/8
2x2x3/16	13/16	3/4
2-1/2x2-1/2x3/16	11/16	5/8
2-1/2x2-1/2x3/16	13/16	3/4
2-1/4x2-1/4x3/16	11/16	5/8
2-1/4x2-1/4x3/16	13/16	3/4
3x3x3/16	11/16	5/8
3x3x3/16	13/16	3/4
4x4x1/4	11/16	5/8
4x4x1/4	13/16	3/4
4x4x1/2	11/16	5/8
4x4x1/2	13/16	3/4
4x4x3/16	11/16	5/8
4x4x3/16	13/16	3/4

Standard: ANSI C135.1

Hot Dip Galvanizing: ASTM A-153



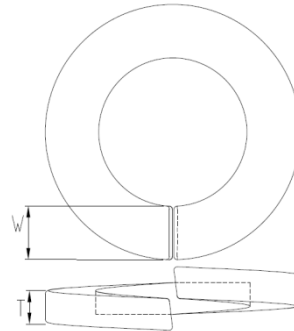
SQUARE CURVE WASHER

Outside Size (Inch)	Hole Diameter (D) Inch	For Bolt Diameter Inch
2x2x1/8	9/16	1/2
2x2x1/8	11/16	5/8
2x2x3/16	11/16	5/8
2x2x3/16	13/16	3/4
2-1/2x2-1/2x3/16	11/16	5/8
2-1/2x2-1/2x3/16	13/16	3/4
2-1/4x2-1/4x3/16	11/16	5/8
2-1/4x2-1/4x3/16	13/16	3/4
3x3x3/16	11/16	5/8
3x3x3/16	13/16	3/4
4x4x1/4	11/16	5/8
4x4x1/4	13/16	3/4
4x4x1/2	11/16	5/8
4x4x1/2	13/16	3/4
4x4x3/16	11/16	5/8
4x4x3/16	13/16	3/4

SPRING LOCK WASHER

Standard: ANSI C135.1

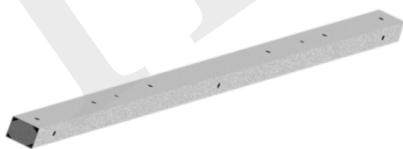
Hot Dip Galvanizing: ASTM A-153



Size Section (W x T) Inch	For Bolt Diameter Inch
0.141x0.094	3/4
0.171x0.125	1/2
0.203x0.156	5/8
0.234x0.188	3/4

RECTANGULAR STEEL CROSSARM

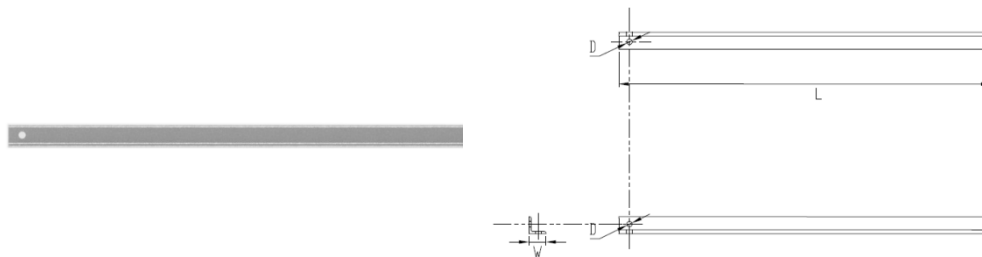
Hot Dip Galvanizing: ASTM A-153



Size (H x W) mm	Length (L) mm
75x100	1700
75x100	2400
75x100	3000

VERTICAL SIDEARM BRACE

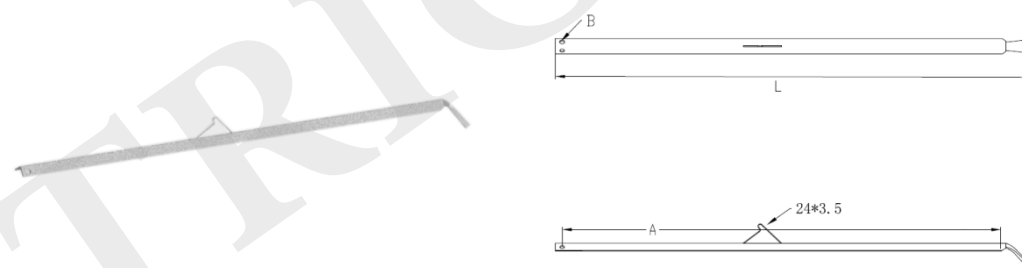
Hot Dip Galvanizing: ASTM A-153



Size (W x W) mm	Length (L) mm	Hole Diameter (D) mm	Mounting End mm
L38xL38x5	1270	14	25
L50xL50x8	1030	14	60
L50xL50x8	1320	14	60
L50xL50x8	1940	14	60
L50xL50x8	2520	14	60

ALLEY ARM BRACE

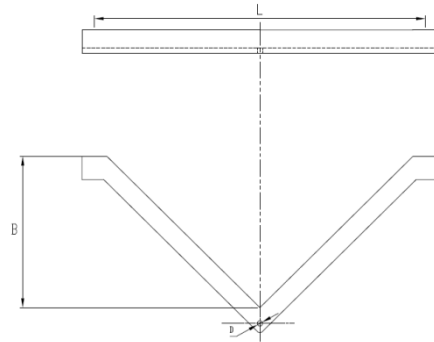
Hot Dip Galvanizing: ASTM A-153



Angle Size mm	Length feet (L)		A	B
	Feet	mm		
L45xL45x5	7	2100	2075	25
L50xL50x5	7	2100	2075	25
L50xL50x6	8	2275	2250	25
L50xL50x8	10	2875	2850	25

ANGLE BRACKE

Hot Dip Galvanizing: ASTM A-153



TWO PIECE SPAN BRACE (TYPE I)

Span (L) mm	Gauge (B) mm	Angle size mm
1500	450	L38xL38x5
1524	457	L38xL38x5

TWO PIECE SPAN BRACE (TYPE II)

Span (L) mm	Gauge (B) mm	Angle size mm
940	450	L38xL38x5
965	450	L38xL38x5

ONE PIECE ANGLE BRACE (TYPE III)

Span (mm)	Gauge (B)	Angle size mm
1066	686	L38xL38x5

FLAT CROSSARM BRACES

Hot Dip Galvanizing: ASTM A-153



LIGHT TYPE

Length (L) Inch	Gauge (T) mm
26	6
28	6
30	6

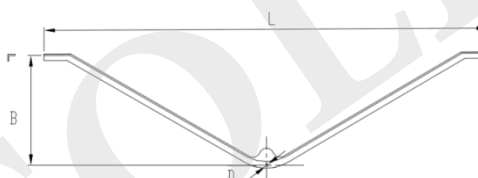


HEAVY TYPE

Length(T) Inch	Gauge(T) mm
26	4.5
28	4.5
30	4.5

ANGLE BRACE DOUBLE SPAN

Hot Dip Galvanizing: ASTM A-153



ONE PIECE DOUBLE SPAN BRACE (TYPE IV)

Span (L)		Gauge (B)		Angle size mm
Inch	mm	Inch	mm	
48	1219	14	366	L40xL40x5
48	1219	18	457	L40xL40x5
60	1524	18	457	L45xL45x5
72	1829	22	559	L50xL50x5

DIAGONAL BRACE

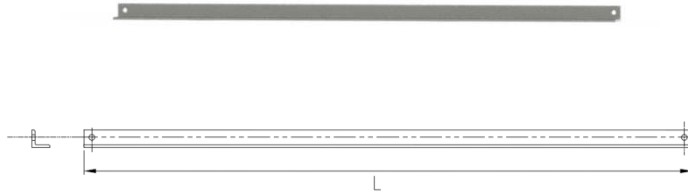
Hot Dip Galvanizing: ASTM A-153



Length mm	Angle size mm
2100	L50xL50x6

BACK BRACE

Hot Dip Galvanizing: ASTM A-153



Length (L) mm	Angle size mm
1685	L50xL50x6

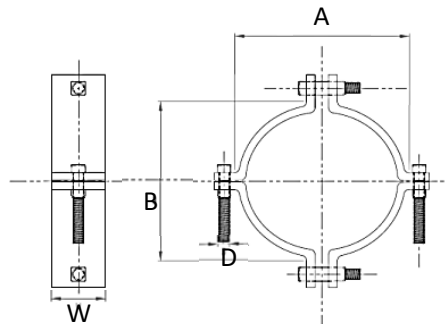
MOUNTING CLAMP ADAPTER

Hot Dip Galvanizing: ASTM A-153

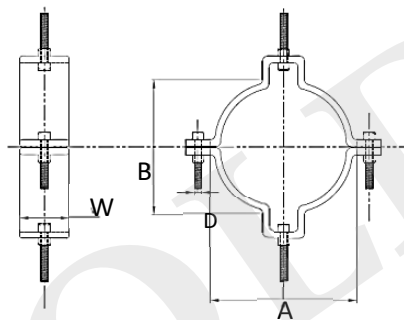
Mounting Bolts: 5/8"X 3"



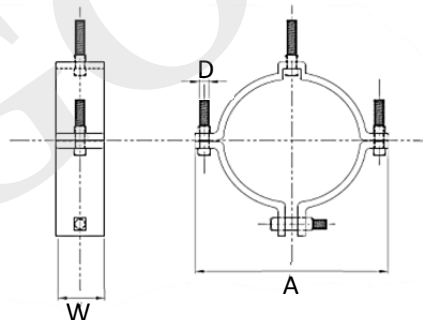
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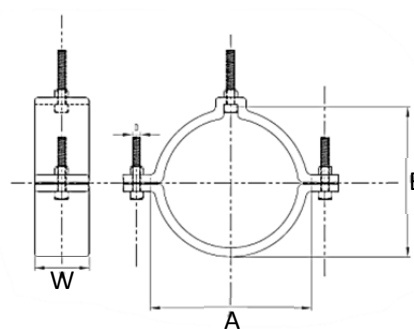
RL TYPE



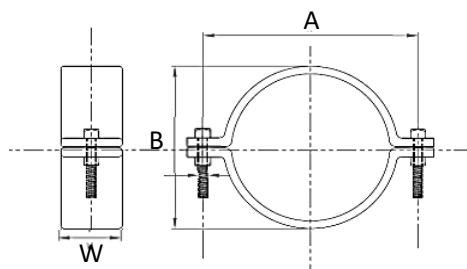
GCA TYPE



CA TYPE



SA TYPE



LIGHT DUTY

Range		A mm	B mm	Width mm	Gauge mm
mm	Inch				
127-152	5-6	152	127	50	6
152-178	6-7	178	152	50	6
178-203	7-8	203	178	50	6
203-229	8-9	229	203	50	6
229-254	9-10	254	229	50	6
254-279	10-11	279	254	50	6
279-305	11-12	305	279	50	6
330-356	13-14	356	330	50	6
356-381	14-15	381	356	50	6

HEAVY DUTY

Diameter Inch		Range mm	Inch	Width mm	Gauge mm
Inch	mm				
8	203	178-203	7-8	64	6
9	229	203-229	8-9	64	6
10	254	229-254	9-10	64	6
11	279	254-279	10-11	64	6
12	305	279-305	11-12	64	6
13	330	305-330	12-13	64	6
14	356	330-356	13-14	64	6

TRANSFORMER POLE MOUNTING BRACKET

Hot Dip Galvanizing: ASTM A-153

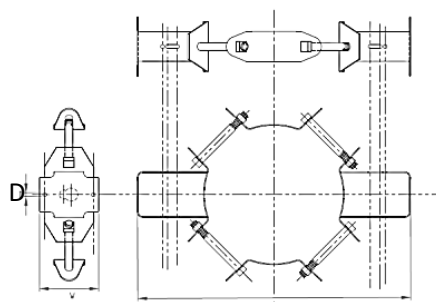
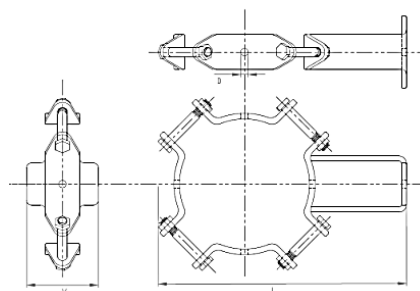
Mounting Bolts: 5/8"x 4"



1



2





3



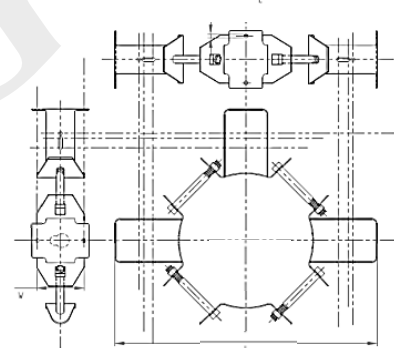
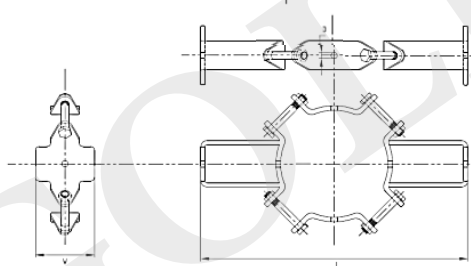
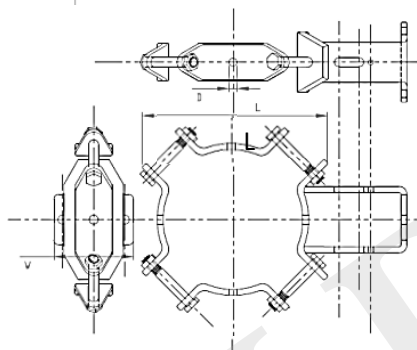
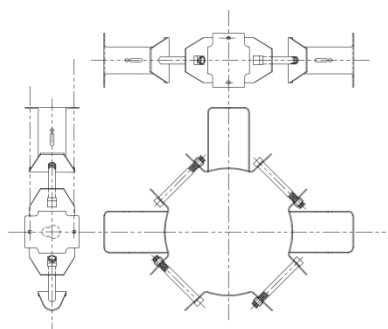
1-1



1-2



1-3



FOR 50KVA

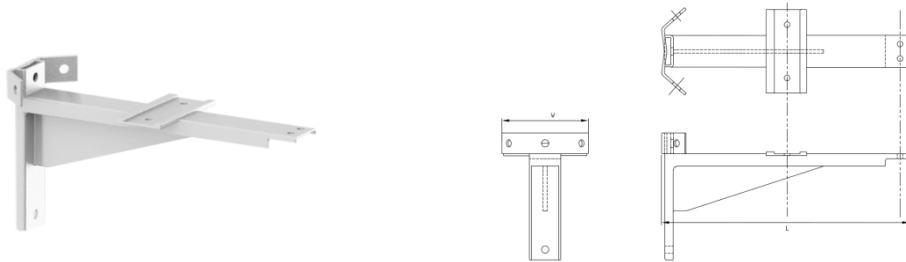
No. of Transformer	No. of bracket	No. of dummy Plate
1	1	3
2	2	2
3	3	1

FOR 167KVA

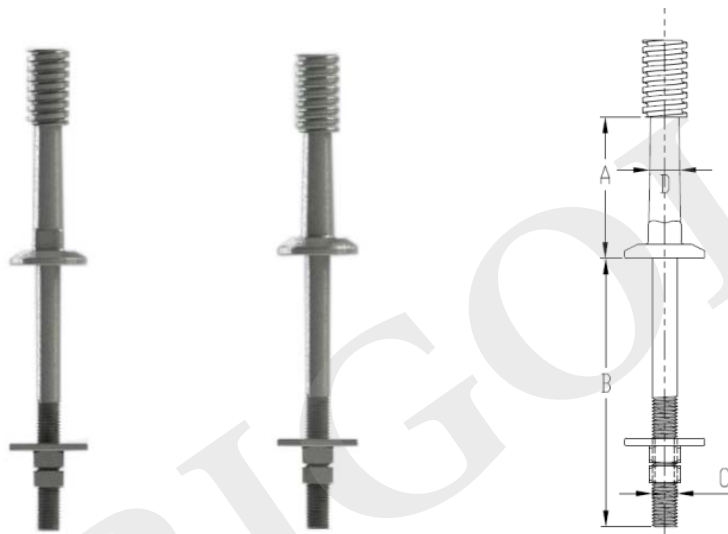
No. of Transformer	No. of bracket	No. of dummy Plate
1-1	2	6
1-2	4	4
1-3	6	2

MOUNTING BRACKET FOR FUSE CUTOUT ARRESTER, 27KV

Hot Dip Galvanizing: ASTM A-153



INSULATOR PIN



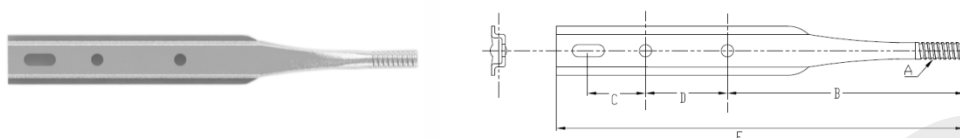
Low voltage steel pin with 1 inch ansi standard cast lead thread or nylon thread.

A Inch	B Inch	C Inch	D Inch
5	5-3/4	5/8	5/8
5	6-1/2	5/8	5/8
5	5-3/4	3/4	3/4
5	6-1/2	3/4	3/4
6	5-3/4	5/8	5/8
7-7/8	5-3/4	5/8	7/8
7-7/8	5	5/8	7/8
7-7/8	5	3/4	7/8
7-7/8	6-1/2	3/4	7/8

High voltage steel pin with 1 3/8 inch ansi standard cast lead thread or nylon thread.

A Inch	B Inch	C Inch	D Inch
9	7	3/4	1-1/8
9	6-1/2	3/4	1

POLE TOP PIN

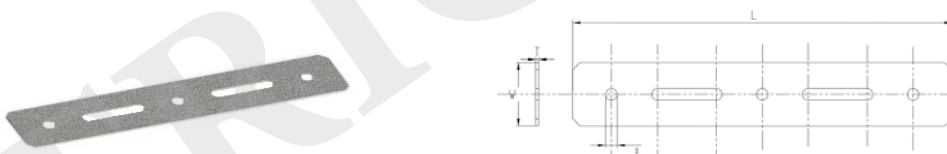


LOW VOLTAGE STEEL PIN

A (Inch) Lead Thread	B mm	C mm	D mm	E inch	
				Inch	mm
1	279	127	76	20	508
1-3/8	279	127	76	20	508

DOUBLE ARMING PLATE

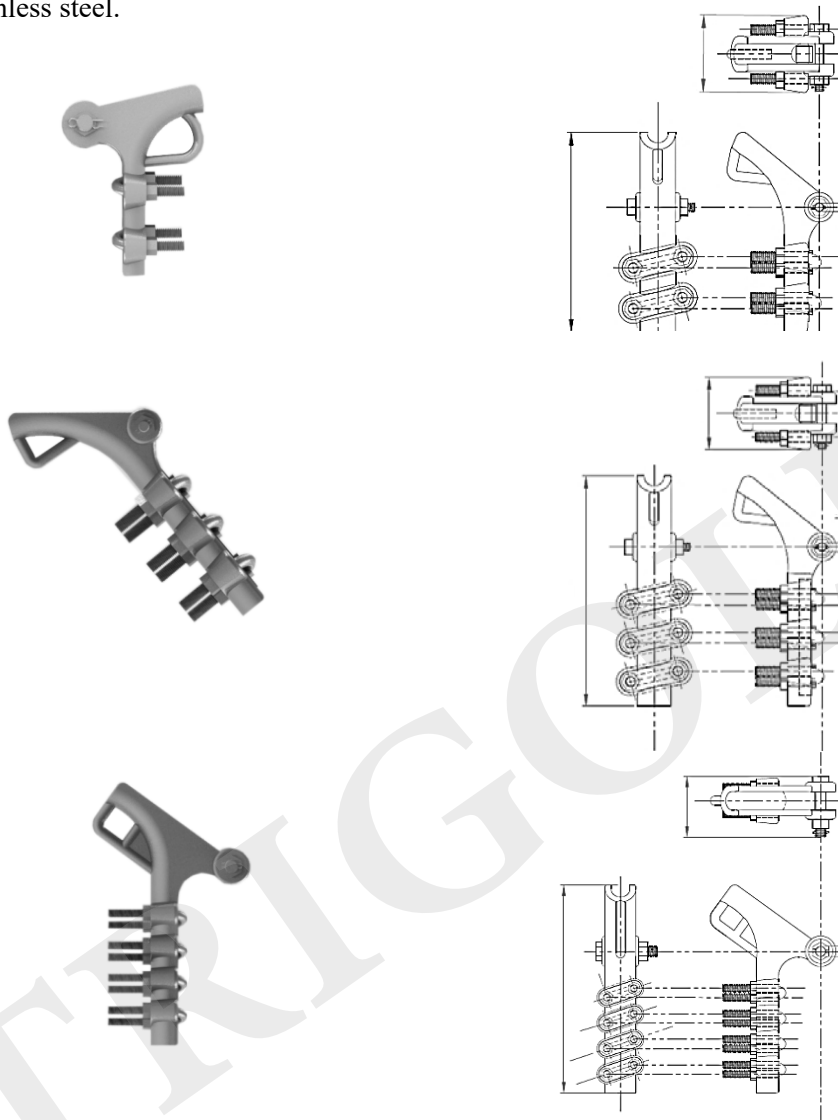
Hot Dip Galvanizing: ASTM A-153



Steel Size (W x T) Inch	Length (L) Inch	Hole (D)	Slot
4x1/2	24	13/16	13/16x3/12
4x1/4	17	11/16	11/16x3

STRAIN CLAMP

Clamp body and keeper are aluminum alloy. bolts are hot dip galvanized steel. cotter pin is stainless steel.



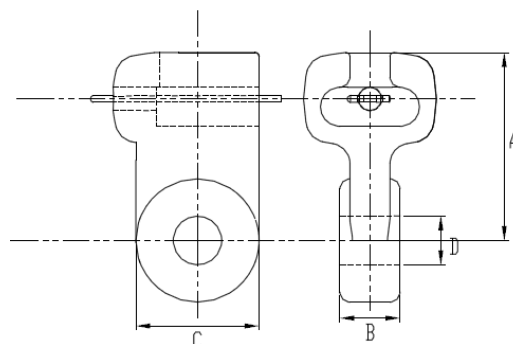
Clamp body and keeper are aluminum alloy. bolts are hot dip galvanized steel. cotter pin is stainless steel.

Conductor Dia. (Inch)		U-Bolt		Ultimate Strength lbs.
Min.	Max.	No.	Size Inch	
0.2	0.47	2	1/2	7000
0.3	0.6	2	1/2	15000
0.2	0.59	3	1/2	15000
0.48	0.86	4	1/2	23000
0.71	1.2	5	5/8	30000

SOCKET EYE

Hot Dip Galvanized Malleable Iron

Hot Dip Galvanizing: ASTM A-153

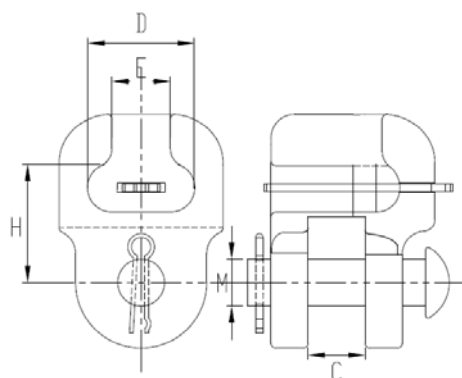


ANSI Class	Dimension (Inch)				Ultimate Strength lbs.
	A	B	C	D	
52-3 only	2-1/8	1/2	1-3/4	11/16	16000
52-3 only	2-1/8	5/8	1-5/8	11/16	16000
52-3 & 52-5	2-1/8	3/4	1-3/4	11/16	25000
52-3 & 52-5	2-1/8	7/8	1-5/8	11/16	25000
52-3 & 52-5	3	1-1/4	2	11/16	30000

SOCKET CLEVIS

Hot Dip Galvanized Malleable Iron

Hot Dip Galvanizing: ASTM A-153

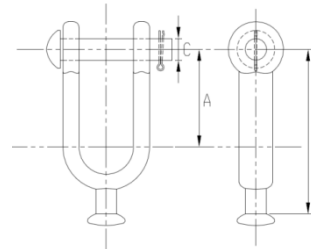


ANSI Class	Dimension (mm)					Ultimate Strength lbs.
	C	D	E	M	H	
52-3 only	18	34.5	19.2	16	70	18000
52-3 & 52-5	24	34.5	19.2	22	85	30000

BALL CLEVIS

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

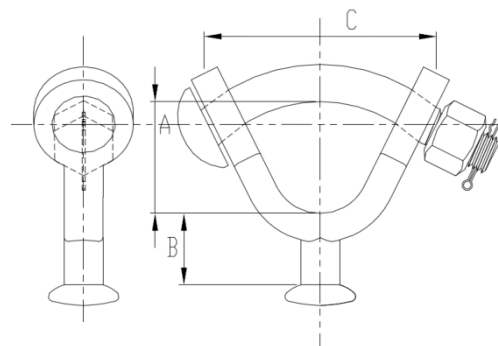


ANSI Class	Dimension (Inch)			Ultimate Strength lbs.
	A	B	C	
52-3	2-1/2	4	5/8	18000
52-3	2-1/2	4	23/32	30000
52-3	2-1/2	3	5/8	18000
52-3	2-1/2	3	23/32	30000

BALL Y CLEVIS

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

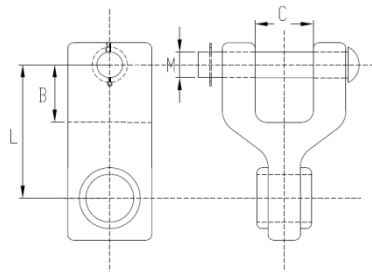


ANSI Class	Dimension (Inch)			Ultimate Strength lbs.
	A	B	C	
52-3	1-1/2	3-1/16	1-3/4	30000

CLEVIS EYE

Hot Dip Galvanized Malleable Iron

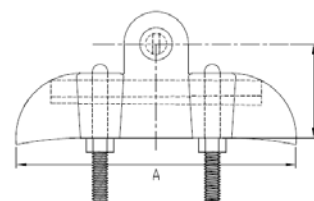
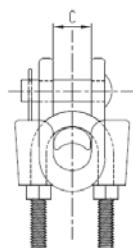
Hot Dip Galvanizing: ASTM A-15



Dimension (Inch)				Ultimate Strength lbs.
L	B	C	M	
2-1/2	1-1/16	7/8	5/8	20000
2-1/2	1-1/16	7/8	5/8	25000
3-3/8	1-3/4	7/8	5/8	30000

CLAMP SUSPENSION CLEVIS

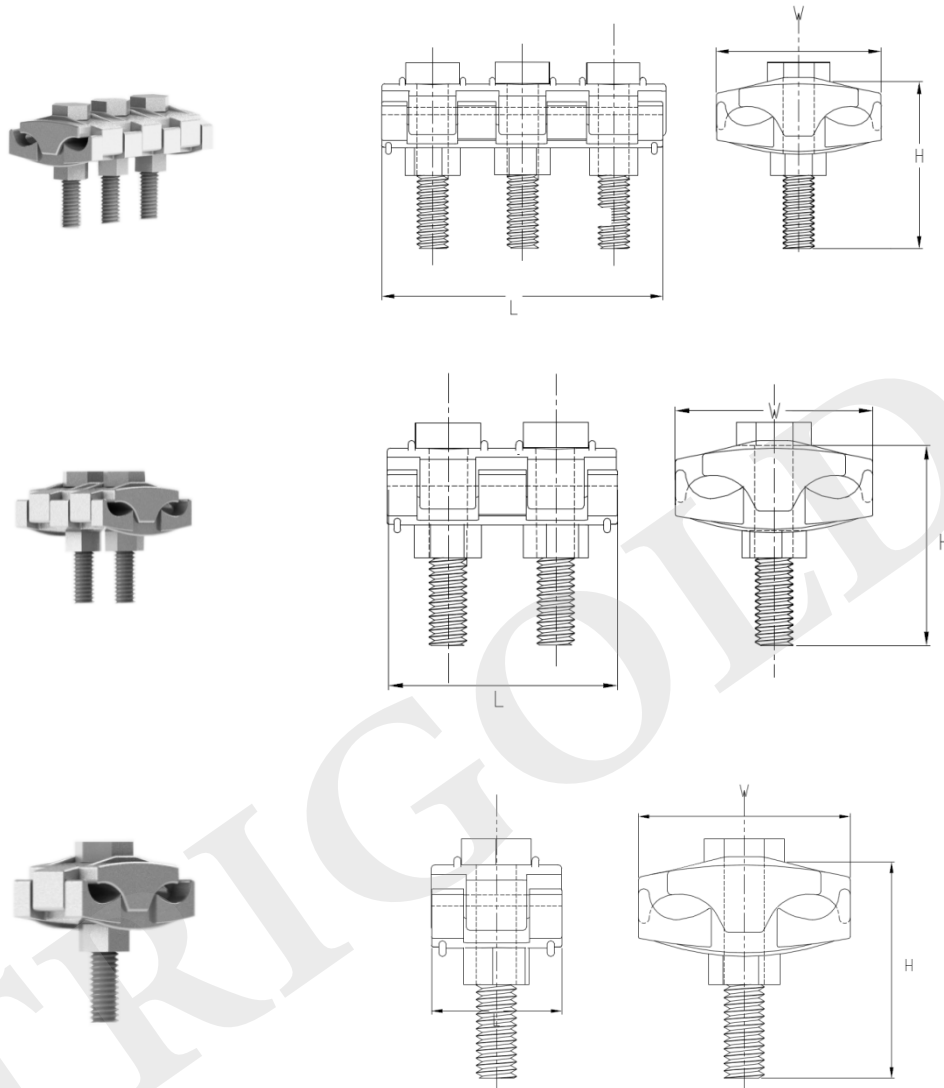
Clamp body and keeper are aluminum alloy. bolts are hot dip galvanized steel. cotter pin is stainless steel.



Dimension (Inch)					Ultimate Strength lbs.
Min	Max	A	B	C	
0.3	0.55	5.35	2.2	11/16	5000
0.5	0.77	5.4	2.15	7/8	9000
0.5	1.04	8	2.44	1-1/8	15000
0.9	1.26	8.5	2.68	1-1/3	20000
1.22	1.82	10	3.26	1.9	

PARALLEL CLAMP

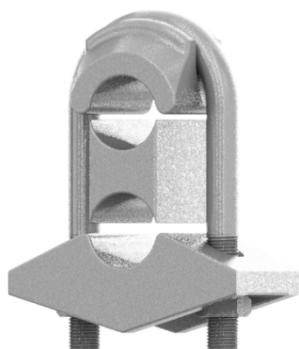
Clamp body and keeper are aluminum alloy. bolts are hot dip galvanized steel.



Conductor				Dimension mm		
Groove A		Groove B				
ACSR	Copper	ACSR	Copper	L	H	W
#2/0	#4/0	#2/0	#4/0	89	54	64
#4/0	#250	#4/0	#250	114	54	60
#336.4	#350	#336.4	#350	138	70	78

CLAMP LOOP DEAD-END

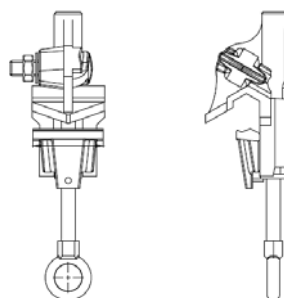
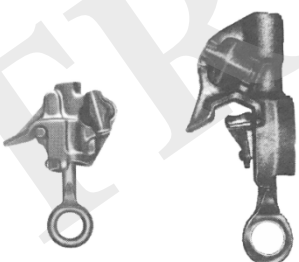
Clamp body and keeper are aluminum alloy. bolts are hot dip galvanized steel.



Conductor		Dimension mm		
Run A	Tap B	L	H	W
#6-1/0 ACSR	#6-1/0 ACSR			38
#6 Stranded 2/0 Stranded Aluminum	#6 Stranded 2/0 Stranded Aluminum	52	47	77

CLAMP, HOT LINE

Clamp body and keeper are aluminum alloy.

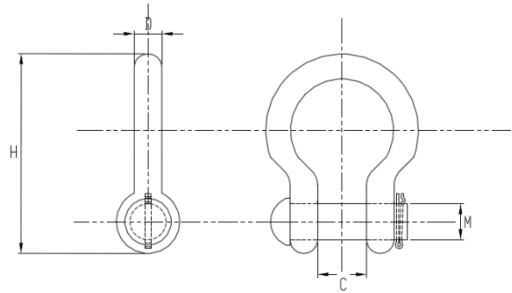


TYPE OF CONNECTION		Conductor range			
		RUN		TAP	
Run	Tap	Diameter Inch	AWG/MCM	Diameter Inch	AWG/MCM
AL	AL OR CU	0.745- 0.162	336.4 - #6 ACSR	0.547 -0.162	#4/0 - #6 ACSR
AL	Cu	0.447- 0.198	#2/0 - #6	0.398 =0.198	#1/0 - #6 ACSR

ANCHOR SHACKLE

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

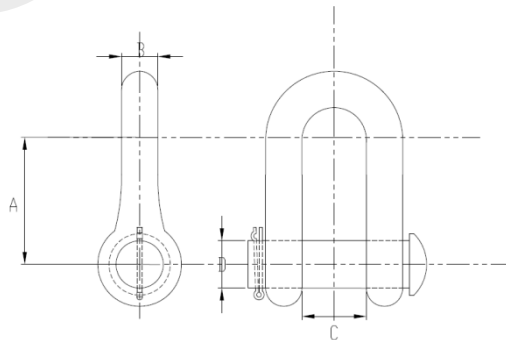


Dimension (mm)				Ultimate Strength lbs.
H	C	M	D	
60	18	16	12	10000
72	22	18	18	25000
89	26	20	20	35000
89	26	24	22	60000

CHAIN SHACKLE

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

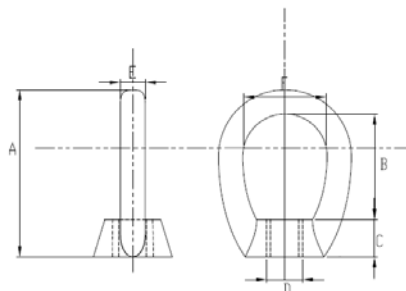


Dimension (mm)				Ultimate Strength lbs.
A	B	C	D	
90	22	26	24	35000
100	24	30	27	40000

OVAL EYE NUT

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

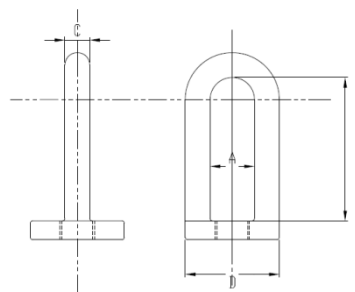


Dimension (mm)					
A	B	C	D	E	F
67	44	19	16	13	29
76	44	19	20	13	38

BOLT EYE LONG

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153



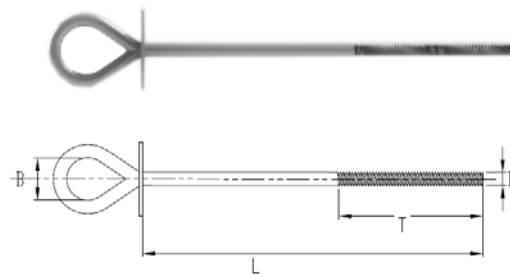
Dimension (mm)					
Dia. of bolt	Slot hole	A	B	C	D
5/8	17x25	33	76	12.5	45.5
3/4	21x26	33	76	12.5	45.5

SHOULDER EYE BOLT

Hot Dip Galvanized Forged Steel

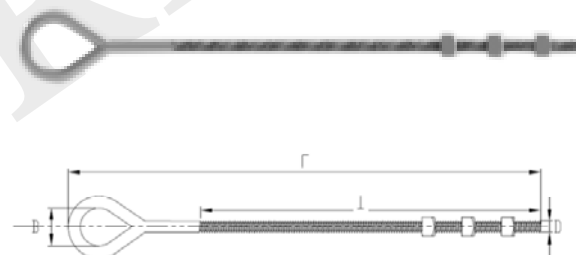
Hot Dip Galvanizing: ASTM A-153

Bolt diameter Inch	Thread Per Inch	UTS (min kg)
5/8	11	5680
3/4	10	8360



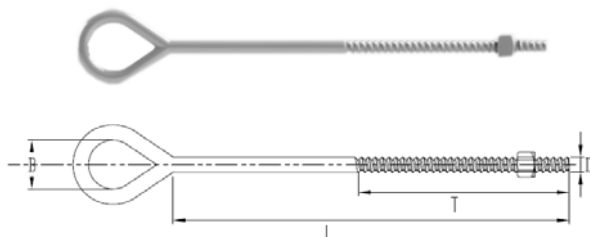
SHOULDER EYE BOLT

Dimension Inch			
D	B	L	T
5/8	1-1/2	6	4
5/8	1-1/2	8	4
5/8	1-1/2	10	6
5/8	1-1/2	12	6
3/4	1-1/2	8	4
3/4	1-1/2	10	6
3/4	1-1/2	12	6



Dimension Inch			
D	B	L	T
5/8	1-1/2	12	10
5/8	1-1/2	14	12
5/8	1-1/2	16	14
5/8	1-1/2	18	16
3/4	1-1/2	12	10
3/4	1-1/2	14	12
3/4	1-1/2	16	14

DOUBLE ARMING EYE BOLT



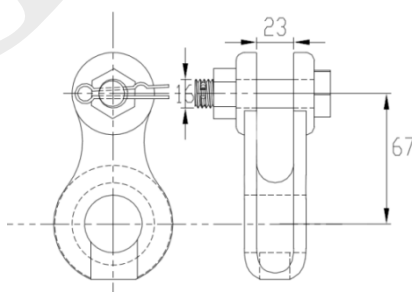
OVAL EYE BOLT

Dimension Inch			
D	B	L	T
5/8	1-1/2	6	4
5/8	1-1/2	8	4
5/8	1-1/2	10	6
5/8	1-1/2	12	6
3/4	1-1/2	8	4
3/4	1-1/2	10	6
3/4	1-1/2	12	6

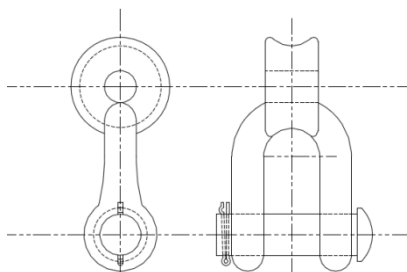
THIMBLE CLEVIS

Hot Dip Galvanizing: ASTM A-153

HDG Malleable Iron

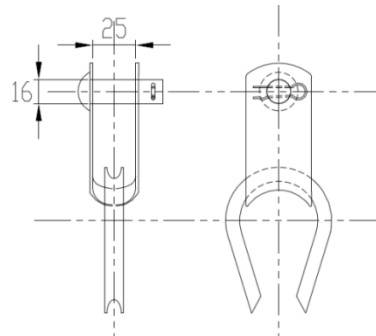


Hot Dip Galvanized Forged Steel



Pin Diameter Inch
1/2
5/8

Hot Dip Galvanized Steel



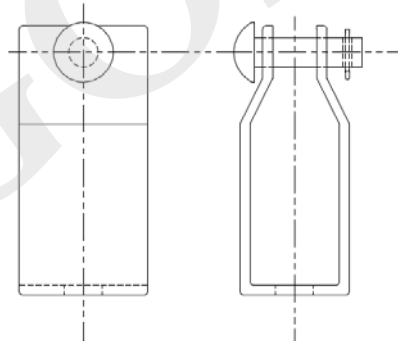
PRESS STEEL 2 PIECES

Pin Diameter Inch	Clevis opening inch
5/8	1

EYE CLEVIS DEAD-END

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

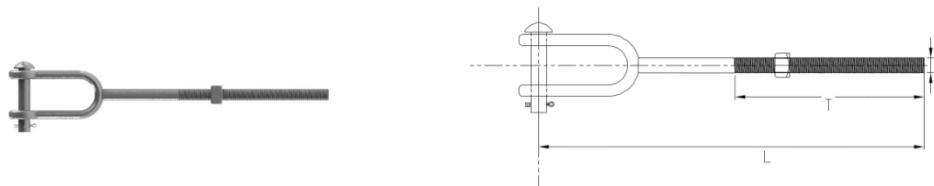


Width	Gauge	Bolt diameter
1-1/2	3/16	5/8
2	1/4	3/4

ANGLE BRACKET

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153



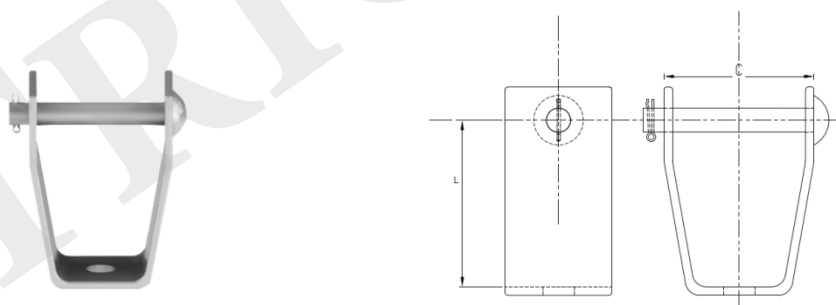
CLEVIS BOLT

Rod diameter (inch)		
A	L	T
5/8	8	4
5/8	10	4
5/8	12	6
5/8	14	6
5/8	16	6

CROSS ARM CLEVIS

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153



DEADEND CLEVIS

CLEVIS OPENING (C) mm	ANSI INSULATOR	Dimension (L) mm
85.7	53-2&53-3	126

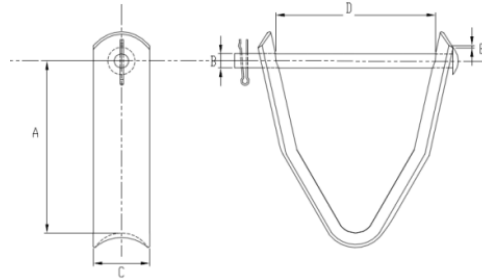
DEADEND SERVICE CLEVIS

CLEVIS OPENING (C) mm	ANSI INSULATOR	Dimension (L) mm
60	53-1	106

SECONDARY CLEVIS

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153



SECONDARY SWINGING CLEVIS

A	B	C	D	E
126	16	38	88	4.5

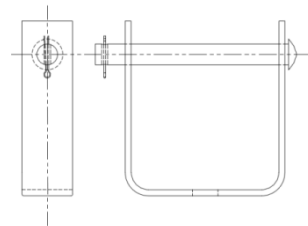
SERVICE SWINGING CLEVIS

A	B	C	D	E
68	9.5	19	60	4.5

SINGLE SPOOL SECONDARY RACK

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

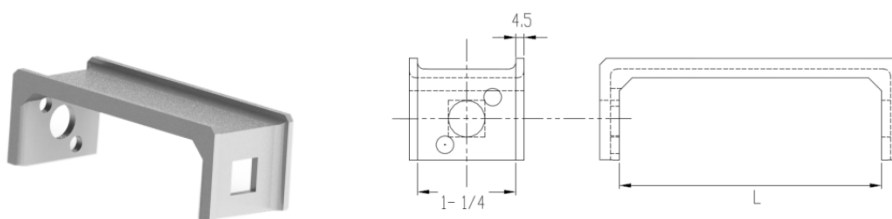


Description
Flat steel as per ASTM A36

SECONDARY RACK EXTENSION RACKET

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

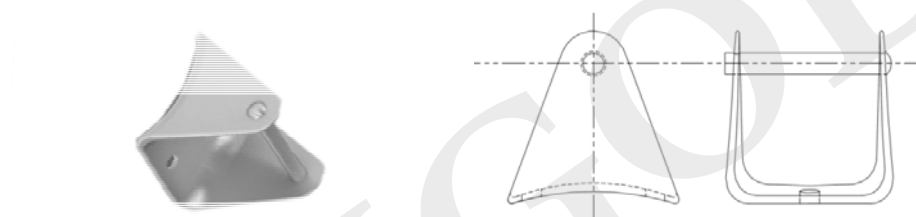


Description (L)
150
225

SECONDARY BRACKET

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

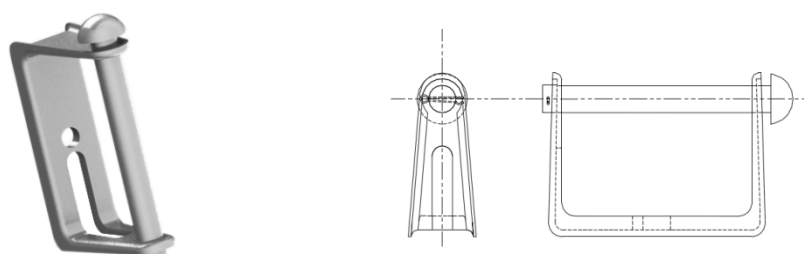


Description
For use ANSI insulator class 53-2,53-3,53-4

SECONDARY PULLEY BRACKET

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

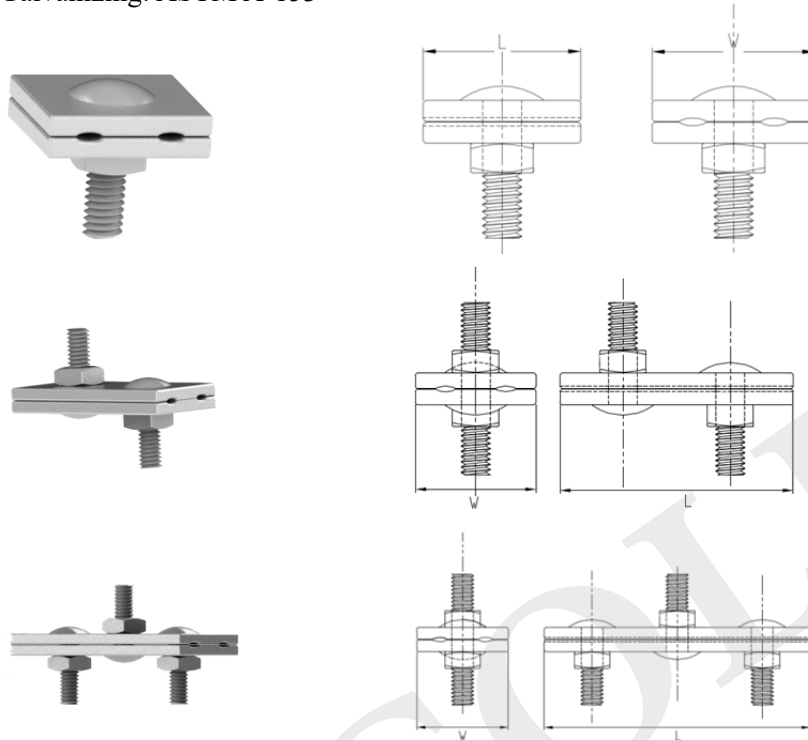


Clevis Opening	Width
For use ANSI insulator class 53-2	66

GUY CLAMP

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153



HEAVY DUTY DROP FORGED

No. of Bolt	Bolt diameter Inch	Length (L)	Width (W)	Thickness (mm)
1	1/2	42	44	9.1
1	5/8	50	44	9.1
2	1/2	62	44	9.1
2	5/8	70	44	9.1
3	1/2	100	44	9.1
3	5/8	152	44	9.1

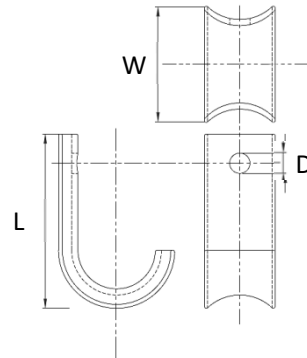
LIGHT DUTY PRESS FORGE

No. of Bolt	Bolt diameter Inch	Length (L)	Width (W)	Thickness (mm)
1	1/2	42	44	8.3
1	5/8	50	44	8.3
2	1/2	62	44	8.3
2	5/8	70	44	8.3
3	1/2	100	44	8.3
3	5/8	152	44	8.3

GUY HOOK

Hot Dip Galvanized Steel

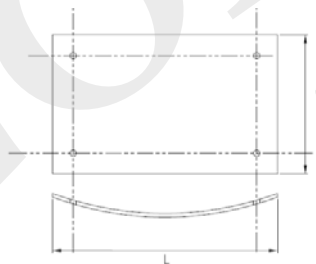
Hot Dip Galvanizing: ASTM A-153



GUY STRAIN PLATE

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

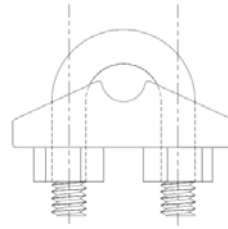


Length Inch (L)	Width Inch (W)
8	4

GUY CLIP

Hot Dip Galvanizing Steel

Hot Dip Galvanizing: ASTM A-153

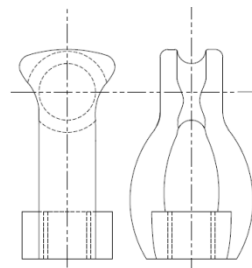


Strand size Inch
5/16
3/8
1/2
5/8
3/4

THIMBLE EYE NUT

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153



THIMBLE EYE NUT

Bolt diameter Inch	Strand size Inch
5/8	1/2
3/4	1/2

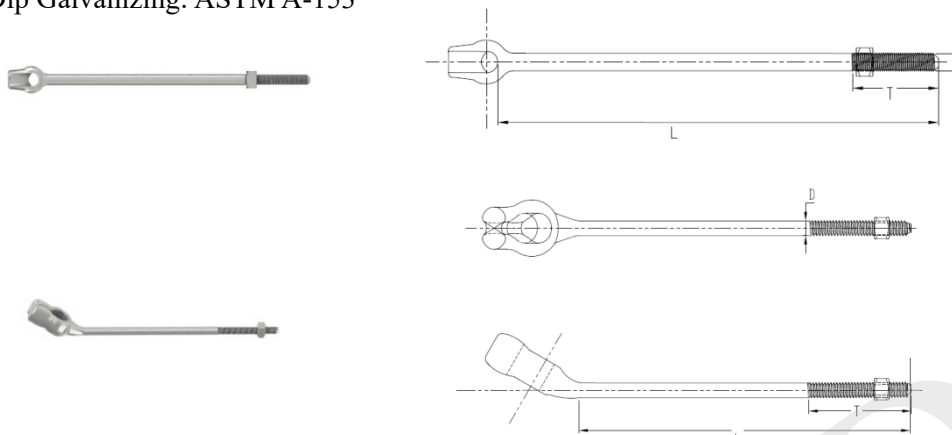
TWIN EYE NUT

Bolt diameter Inch	Strand size Inch
5/8	1/2
3/4	1/2

FORGED THIMBLE EYE BOLT

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

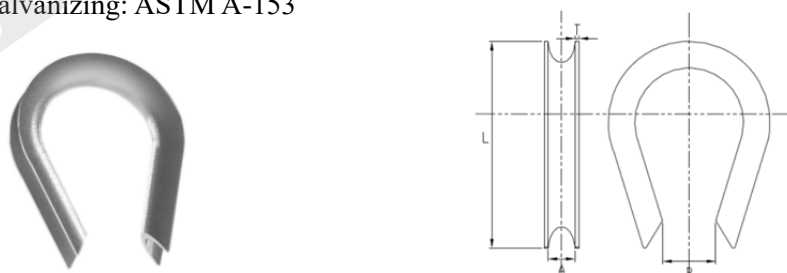


Dimension			THREAD PER INCH
D	L	T	
5/8	8	4	11
5/8	10	4	11
5/8	12	6	11
5/8	14	6	11
5/8	16	6	11
3/4	10	4	10
3/4	12	6	10
3/4	14	6	10
3/4	16	6	10

GUY THIMBLE

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

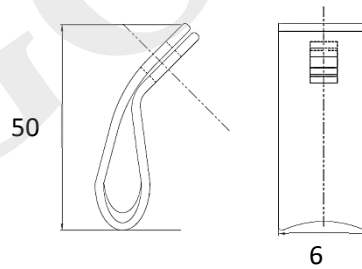
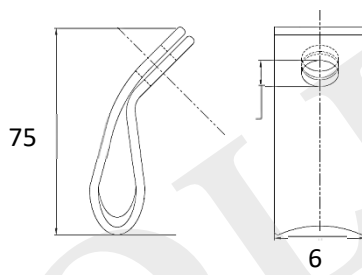
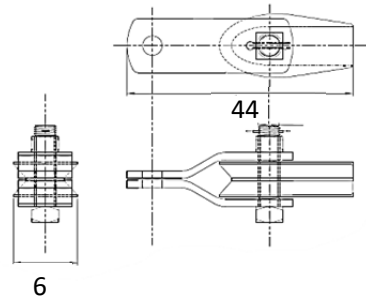


Strand Size Inch	Dimension			Thickness mm
	A	B	L	
3/8	20	30	55	3
1/2	25	40	80	3
5/8	35	50	90	3

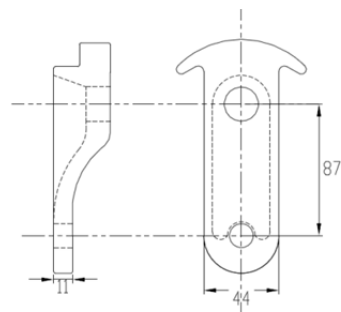
GUY ATTACHEMENT

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153



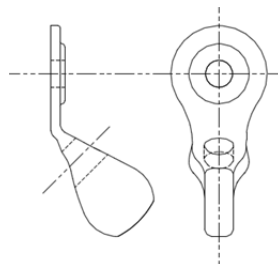
Hot Dip Galvanized Iron



GUY ATTACHEMENT

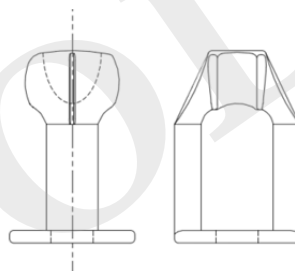
Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153



ANGLE THIMBLE EYELET

Bolt diameter Inch	Strand size Inch
5/8	1/2
3/4	1/2



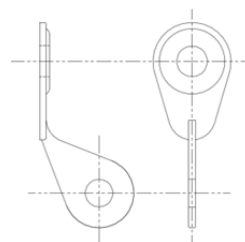
STRAIGHT THIMBLE EYELET

Bolt diameter Inch	Strand size Inch
5/8	1/2
1/2	1/2

GUY ATTACHMENT STRAIN INSULATOR

Hot Dip Galvanized Forged Steel

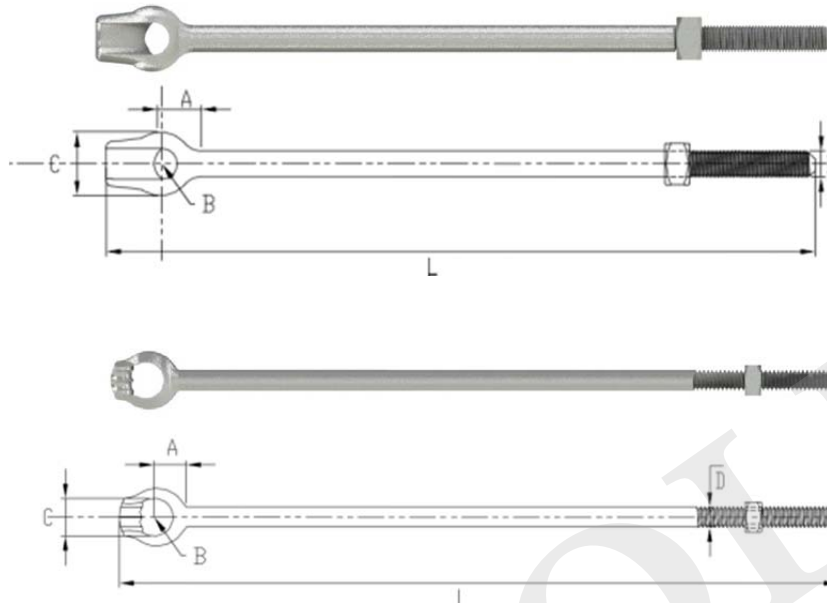
Hot Dip Galvanizing: ASTM A-153



ANCHOR ASSEMBLY

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

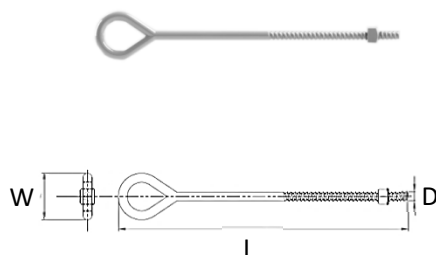


EYE DIMENSION

Rod diameter Inch (D)	Thimble eye mm			Twin Eye mm			Triple Eye mm		
	A	B	C	A	B	C	A	B	C
5/8	18	14	38	24	6	46	40	6	67
3/4	21	18	41	25	6	50	40	6	69
1	28	24	50	32	8	60	40	6	75

D (Inch)	Length (Ft.)	TPI
5/8	6	11
	7	
	8	
	9	
3/4	6	10
	7	
	8	
	9	
	10	
1	8	8
	9	
	10	

ANANCHOR ASSEMBLY

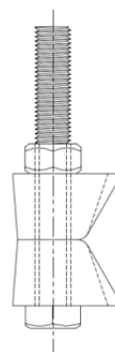


OVAL EYE ANCHOR ROD

Diameter Inch	Length Ft.	TPI
5/8	6	11
	7	
	8	
3/4	7	10
	8	
	9	

GUY BONDING CLAMP

Al. Alloy With HDG Bolt.

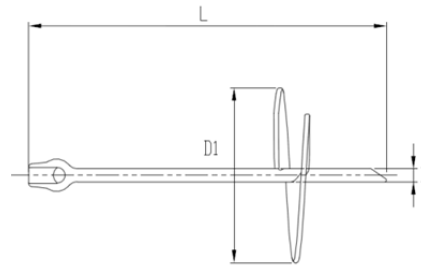


Rod diameter (inch)
5/8
3/4
1

FORGED EYE SHAFT SCREW ANCHOR

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

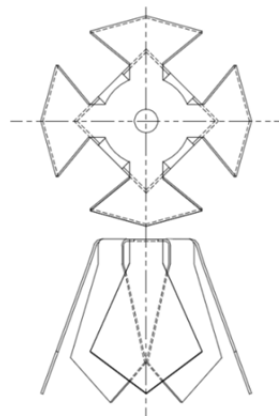
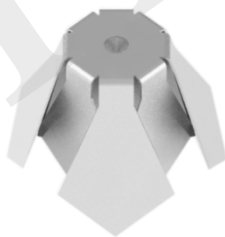


Shaft Diameter inch	Length Feet	Helix Diameter Inch
3/4	6	6
	7	
	8	
	6	8
	7	
	8	
1	7	8
	8	
	9	
	10	

ANCHOR EXPANDING 8-WAY

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

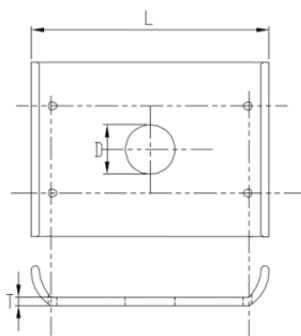
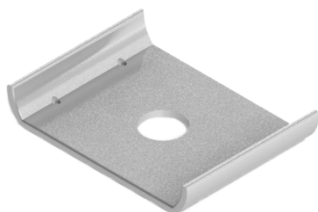


Base Plate Inch	Rod diameter Inch	Area Expand Top Plate Sq. Inch
6	5/8	64
7	5/8	92
8	5/8	135
8	3/4	135
8	1	135

PLATE, CROSSARM, REINFORCING

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

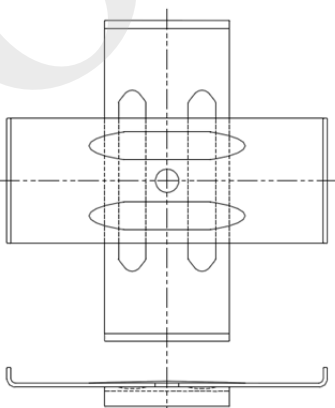


Cross arm Size (L)	Hole Diameter (D)	Steel Size (T)
4"x5"	13/16"	3/16"
6"x8"	15/16"	1/4"

CROSS PLATE ANCHOR

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153



Anchor Style	Rod diameter Order Separately	Anchor Hole size	Area
Bust Anchor, Expanding Anchor	0.625" (15.9mm) 0.75" (19.1mm)	16" (406mm)	150 sq. in (968 sq. cm)

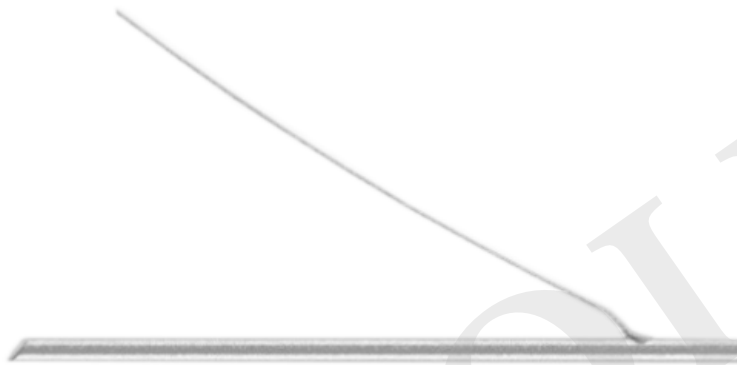
GROUND RODS

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153



PLAIN TYPE



SOLDERED TYPE



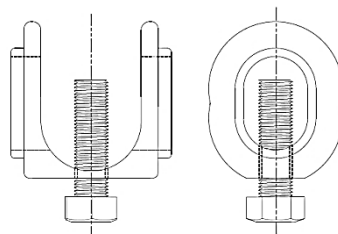
ELECTRO WELD TYPE

D (Inch)	Length(Ft.)
1/2	3
	4
	5
	6
5/8	5
	6
	8
	10
3/4	7
	8
	10

RELIABLE GROUND ROD CLAMP

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

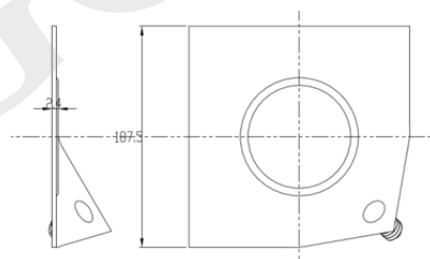


Rod diameter Inch	Wire Size With rod
1/2	3/0 to 8
5/8	1/0 to 14

GROUND PLATE POLE BUTT 187.5x187.5x2.4mm

Hot Dip Galvanized Steel

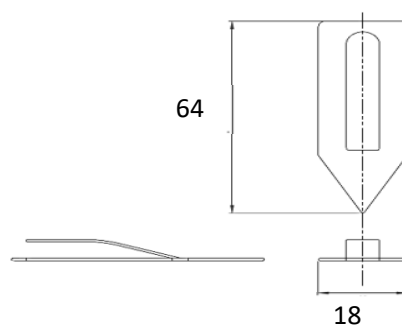
Hot Dip Galvanizing: ASTM A-153



GOUND WIRE CLIP

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153



STAPLE GROUND WIRE

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

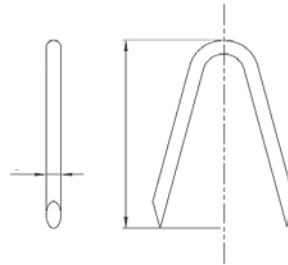
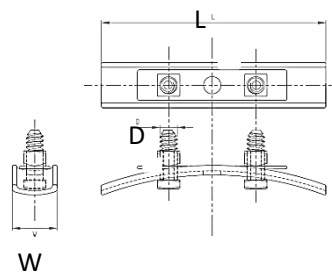
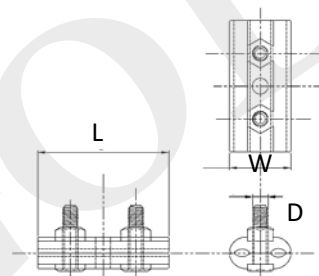
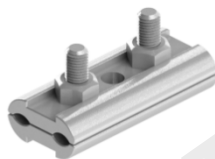


Plate size mm
2x1/2x0.158(50x12x4mm)

CABLE SUSPENSION CLAMP

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

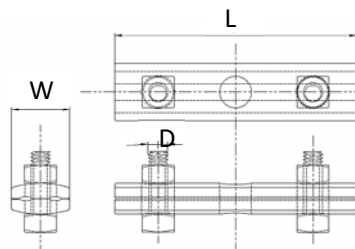


No. of Bolts	Clamp Bolts Diameter Inch	Clamp Length(L) mm	Mtg. Hole Dia.mm	Strand Diameter mm
3	1/2	188	18x23	6 to 11
3	1/2	144	18x23	6 to 11

FIGURE8 SUSPENSION CLAMP

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

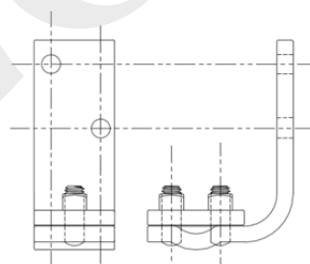
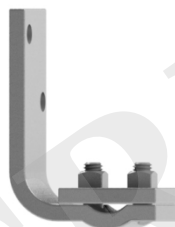


No. of Bolts	Clamp Bolts Diameter Inch	Length (L)	Width (W)	Mtg. Hole Dia. inch
3	1/2	152	42	5/8

CABLE MESSENGER HANGER

Hot Dip Galvanized Steel

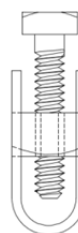
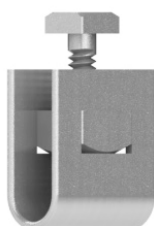
Hot Dip Galvanizing: ASTM A-153



GROUND STRAND CLAMP

Hot Dip Galvanized Steel 1-3/4 X 3/16"

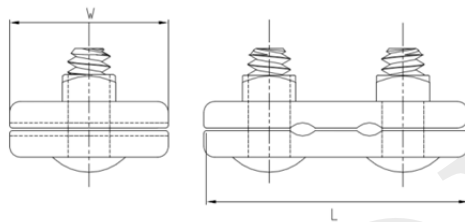
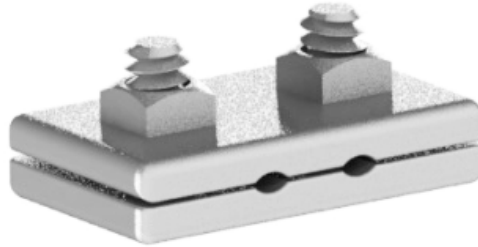
Hot Dip Galvanizing: ASTM A-153



CRO

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153



Length (mm)	Width (mm)	Thick
83	38	12

CABLE REINFORCING LINK

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

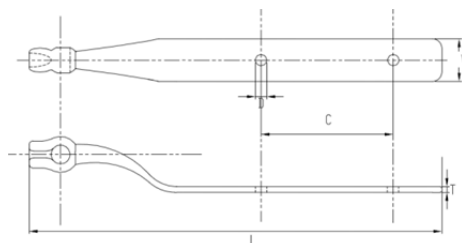


Steel diameter Inch(mm)	Length (mm)
1/2(12)	8-3/8(213)

WALL STRAP GUY EYE TYPE

Hot Dip Galvanized Forged Steel

Hot Dip Galvanizing: ASTM A-153

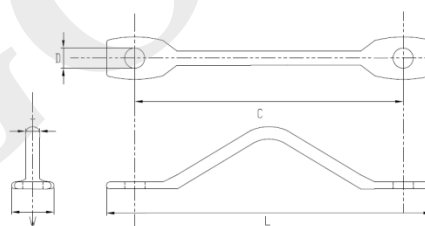


Mtg, Hole Dia. mm	No. of Mtg. Hole	Dimension				
		L	T	W	C	D
14	2	422	8	34	203	18
14	3	610	8	34	203	18

WALL STRAP LOOP TYPE

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

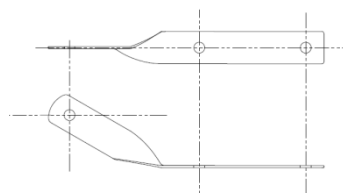


Mtg, Hole Dia.mm	Dimension				
	L	T	W	C	D
14	203	8	32	152	16

WALL BRACKET

Hot Dip Galvanized Steel

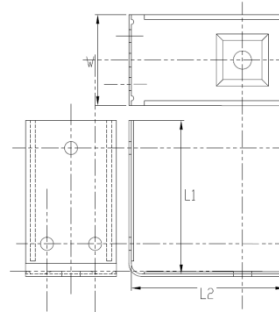
Hot Dip Galvanizing: ASTM A-153



HOUSE BRACKET

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

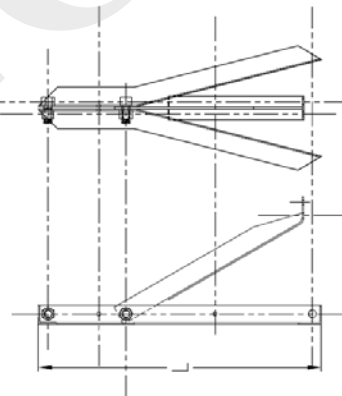


Steel Gauge No.	Dimension (mm)		
	L1	L2	W
#16	98	77	52
#16	89	70	52

CABLE EXTENSION ARM

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

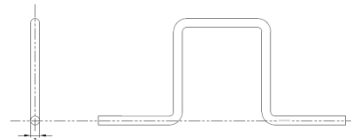


Angle Size mm	Extension from pole Inch (mm)
75x75x6	44-1/2(1130)
75x75x6	26(660)

CABLE HANGEER

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

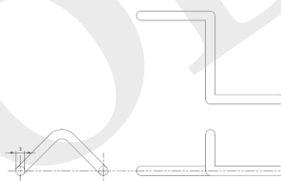


Rod diameter (D)	
	mm
	16
	19

PULLING-IN IRON

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153

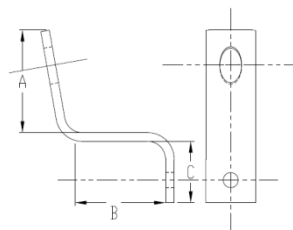


Rod diameter (D) mm	
	19
	22

CABLE RACK SUPPORTHDG steel

Hot Dip Galvanized Steel

Hot Dip Galvanizing: ASTM A-153



Steel Size mm	Dimension		
	A	B	C
12x32	133	47	165
12x25	95	44	92