

Quality System& Product Certificates



JOIN CROP TECHNOLOGY CREATE BRILLIANT

POWER LINE HARDWARE



CROP offers a wide variety of connector products to fit most distribution application. Installation methods may be automatic, bolted, or compression to connect various size and types of popular connector(aluminum, copper, or bi-metallic) and support wires. We also provide tools and accessories to complete the installation process in safe, reliable, and expedient manner.

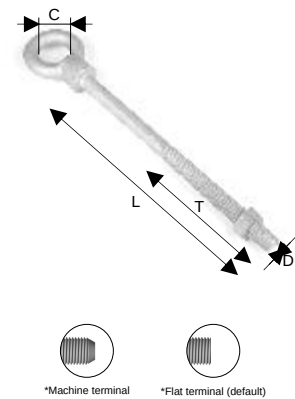




ROUND EYE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Furnished with 1 hexagonal nut, square nut can be required.



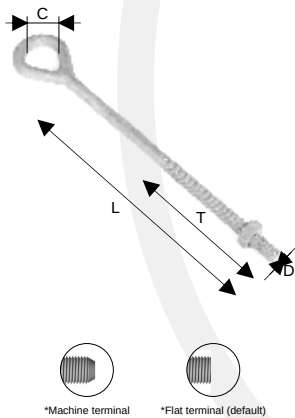
Type	Dimensions in Inches and Millimeters			
	C	D	L	T
REB01	1 1/2"(38)	5/8"(16)	6"(150)	4"(100)
REB02	1 1/2"(38)	5/8"(16)	8"(200)	4"(100)
REB03	1 1/2"(38)	5/8"(16)	9"(230)	4"(100)
REB04	1 1/2"(38)	5/8"(16)	10"(250)	6"(150)
REB05	1 1/2"(38)	5/8"(16)	12"(300)	6"(150)
REB06	1 1/2"(38)	5/8"(16)	14"(350)	6"(150)
REB07	1 1/2"(38)	5/8"(16)	16"(400)	6"(150)
REB08	1 1/2"(38)	5/8"(16)	18"(450)	6"(150)
REB09	1 1/2"(38)	5/8"(16)	20"(500)	6"(150)
REB10	1 1/2"(38)	5/8"(16)	22"(550)	6"(150)
REB11	1 1/2"(38)	5/8"(16)	24"(600)	6"(150)
REB12	1 1/2"(38)	5/8"(16)	6"(150)	4"(100)
REB13	1 1/2"(38)	3/4"(20)	8"(200)	4"(100)
REB14	1 1/2"(38)	3/4"(20)	9"(230)	4"(100)
REB15	1 1/2"(38)	3/4"(20)	10"(250)	6"(150)
REB16	1 1/2"(38)	3/4"(20)	12"(300)	6"(150)
REB17	1 1/2"(38)	3/4"(20)	14"(350)	6"(150)
REB18	1 1/2"(38)	3/4"(20)	16"(400)	6"(150)
REB19	1 1/2"(38)	3/4"(20)	18"(450)	6"(150)
REB20	1 1/2"(38)	3/4"(20)	20"(500)	6"(150)
REB21	1 1/2"(38)	3/4"(20)	22"(550)	6"(150)
REB22	1 1/2"(38)	3/4"(20)	24"(600)	6"(150)

*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.

OVAL EYE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Finished with 1 square nut, hexagonal nut can be required.



Type	Dimensions in Inches and Millimeters			
	C	D	L	T
OEB01	1 1/2"(38)	5/8"(16)	6"(150)	4"(100)
OEB02	1 1/2"(38)	5/8"(16)	8"(200)	4"(100)
OEB03	1 1/2"(38)	5/8"(16)	9"(230)	4"(100)
OEB04	1 1/2"(38)	5/8"(16)	10"(250)	6"(150)
OEB05	1 1/2"(38)	5/8"(16)	12"(300)	6"(150)
OEB06	1 1/2"(38)	5/8"(16)	14"(350)	6"(150)
OEB07	1 1/2"(38)	5/8"(16)	16"(400)	6"(150)
OEB08	1 1/2"(38)	5/8"(16)	18"(450)	6"(150)
OEB09	1 1/2"(38)	5/8"(16)	20"(500)	6"(150)
OEB10	1 1/2"(38)	5/8"(16)	22"(550)	6"(150)
OEB11	1 1/2"(38)	5/8"(16)	24"(600)	6"(150)
OEB12	1 1/2"(38)	5/8"(16)	6"(150)	4"(100)
OEB13	1 1/2"(38)	3/4"(20)	8"(200)	4"(100)
OEB14	1 1/2"(38)	3/4"(20)	9"(230)	4"(100)
OEB15	1 1/2"(38)	3/4"(20)	10"(250)	6"(150)
OEB16	1 1/2"(38)	3/4"(20)	12"(300)	6"(150)
OEB17	1 1/2"(38)	3/4"(20)	14"(350)	6"(150)
OEB18	1 1/2"(38)	3/4"(20)	16"(400)	6"(150)
OEB19	1 1/2"(38)	3/4"(20)	18"(450)	6"(150)
OEB20	1 1/2"(38)	3/4"(20)	20"(500)	6"(150)
OEB21	1 1/2"(38)	3/4"(20)	22"(550)	6"(150)
OEB22	1 1/2"(38)	3/4"(20)	24"(600)	6"(150)

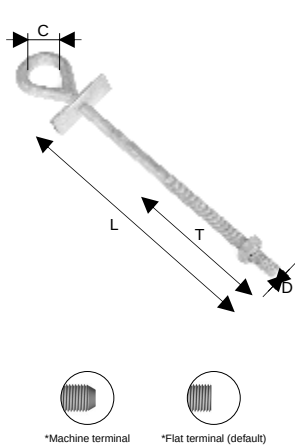
*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.



SHOULDER EYE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Furnished with 1 square nut, hexagonal nut can be required.



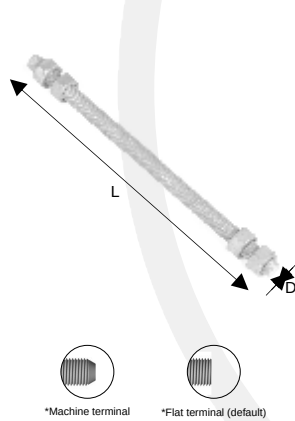
Type	Dimensions in Inches and Millimeters			
	C	D	L	T
SEB01	1 1/2"(38)	5/8"(16)	6"(150)	4"(100)
SEB02	1 1/2"(38)	5/8"(16)	8"(200)	4"(100)
SEB03	1 1/2"(38)	5/8"(16)	9"(230)	4"(100)
SEB04	1 1/2"(38)	5/8"(16)	10"(250)	6"(150)
SEB05	1 1/2"(38)	5/8"(16)	12"(300)	6"(150)
SEB06	1 1/2"(38)	5/8"(16)	14"(350)	6"(150)
SEB07	1 1/2"(38)	5/8"(16)	16"(400)	6"(150)
SEB08	1 1/2"(38)	5/8"(16)	18"(450)	6"(150)
SEB09	1 1/2"(38)	5/8"(16)	20"(500)	6"(150)
SEB10	1 1/2"(38)	5/8"(16)	22"(550)	6"(150)
SEB11	1 1/2"(38)	5/8"(16)	24"(600)	6"(150)
SEB12	1 1/2"(38)	5/8"(16)	6"(150)	4"(100)
SEB13	1 1/2"(38)	3/4"(20)	8"(200)	4"(100)
SEB14	1 1/2"(38)	3/4"(20)	9"(230)	6"(150)
SEB15	1 1/2"(38)	3/4"(20)	10"(250)	6"(150)
SEB16	1 1/2"(38)	3/4"(20)	12"(300)	6"(150)
SEB17	1 1/2"(38)	3/4"(20)	14"(350)	6"(150)
SEB18	1 1/2"(38)	3/4"(20)	16"(400)	6"(150)
SEB19	1 1/2"(38)	3/4"(20)	18"(450)	6"(150)
SEB20	1 1/2"(38)	3/4"(20)	20"(500)	6"(150)
SEB21	1 1/2"(38)	3/4"(20)	22"(550)	6"(150)
SEB22	1 1/2"(38)	3/4"(20)	24"(600)	6"(150)

*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.

DOUBLE ARMING BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS 729, ISO1461.
Furnished with 4 hexagonal nut.



Type	Dimensions in Inches and Millimeters	
	D	L
HDAB01	1/2"(12)	10"(250)
HDAB02	1/2"(12)	12"(300)
HDAB03	1/2"(12)	14"(350)
HDAB04	1/2"(12)	16"(400)
HDAB05	5/8"(16)	10"(250)
HDAB06	5/8"(16)	12"(300)
HDAB07	5/8"(16)	14"(350)
HDAB08	5/8"(16)	16"(400)
HDAB09	5/8"(16)	18"(450)
HDAB10	5/8"(16)	20"(500)
HDAB11	5/8"(16)	22"(550)
HDAB12	5/8"(16)	24"(600)
HDAB13	5/8"(16)	26"(650)
HDAB14	5/8"(16)	28"(700)
HDAB15	5/8"(16)	30"(750)
HDAB16	5/8"(16)	32"(800)
HDAB17	3/4"(20)	12"(300)
HDAB18	3/4"(20)	14"(350)
HDAB19	3/4"(20)	16"(400)
HDAB20	3/4"(20)	18"(450)
HDAB21	3/4"(20)	20"(500)
HDAB22	3/4"(20)	22"(550)
HDAB23	3/4"(20)	24"(600)
HDAB24	3/4"(20)	26"(650)
HDAB25	3/4"(20)	28"(700)
HDAB26	3/4"(20)	30"(750)

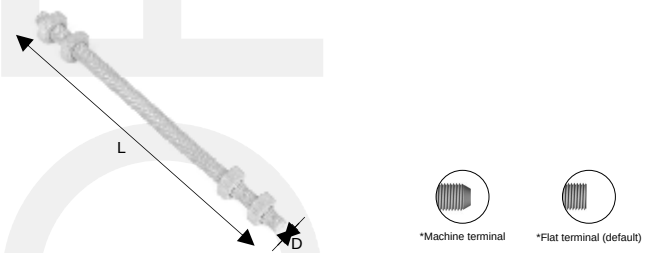
*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.



DOUBLE ARMING BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Furnished with 4 square nut.



Type	Dimensions in Inches and Millimeters	
	D	L
SDAB01	1/2"(12)	10"(250)
SDAB02	1/2"(12)	12"(300)
SDAB03	1/2"(12)	14"(350)
SDAB04	1/2"(12)	16"(400)
SDAB05	5/8"(16)	10"(250)
SDAB06	5/8"(16)	12"(300)
SDAB07	5/8"(16)	14"(350)
SDAB08	5/8"(16)	16"(400)
SDAB09	5/8"(16)	18"(450)
SDAB10	5/8"(16)	20"(500)
SDAB11	5/8"(16)	22"(550)
SDAB12	5/8"(16)	24"(600)
SDAB13	5/8"(16)	26"(650)
SDAB14	5/8"(16)	28"(700)
SDAB15	5/8"(16)	30"(750)
SDAB16	5/8"(16)	32"(800)
SDAB17	3/4"(20)	12"(300)
SDAB18	3/4"(20)	14"(350)
SDAB19	3/4"(20)	16"(400)
SDAB20	3/4"(20)	18"(450)
SDAB21	3/4"(20)	20"(500)
SDAB22	3/4"(20)	22"(550)
SDAB23	3/4"(20)	24"(600)
SDAB24	3/4"(20)	26"(650)
SDAB25	3/4"(20)	28"(700)
SDAB26	3/4"(20)	30"(750)

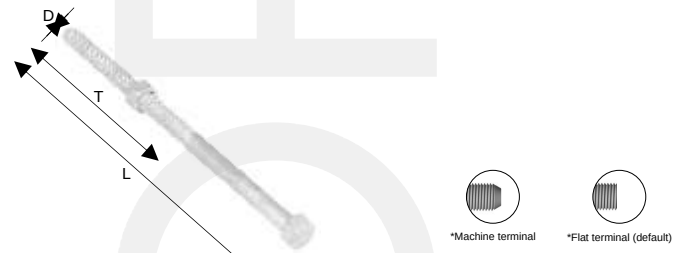
*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.



HEXAGONAL MACHINE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS 729, ISO1461.
Furnished with 1 hexagonal nut.



Type	Dimensions in Inches and Millimeters		
	D	L	T
HMB01	1/2"(12)	1 1/2"(38)	1 1/4"(32)
HMB02	1/2"(12)	2"(50)	1 3/4"(44)
HMB03	1/2"(12)	2 1/2"(63)	2 1/4"(58)
HMB04	1/2"(12)	3"(75)	2 3/4"(69)
HMB05	1/2"(12)	4"(100)	3"(75)
HMB06	1/2"(12)	5"(125)	3"(75)
HMB07	1/2"(12)	6"(150)	3"(75)
HMB08	1/2"(12)	8"(200)	4"(100)
HMB09	1/2"(12)	10"(250)	4"(100)
HMB10	1/2"(12)	12"(300)	6"(150)
HMB11	1/2"(12)	14"(350)	6"(150)
HMB12	1/2"(12)	16"(400)	6"(150)
HMB13	1/2"(12)	18"(450)	6"(150)
HMB14	5/8"(16)	2"(50)	1 3/4"(44)
HMB15	5/8"(16)	3"(75)	2 3/4"(69)
HMB16	5/8"(16)	4"(100)	3"(75)
HMB17	5/8"(16)	5"(125)	3"(75)
HMB18	5/8"(16)	6"(150)	3"(75)
HMB19	5/8"(16)	8"(200)	4"(100)
HMB20	5/8"(16)	10"(250)	4"(100)
HMB21	5/8"(16)	12"(300)	6"(150)
HMB22	5/8"(16)	14"(350)	6"(150)
HMB23	5/8"(16)	16"(400)	6"(150)
HMB24	5/8"(16)	18"(450)	6"(150)
HMB25	5/8"(16)	20"(500)	6"(150)
HMB26	5/8"(16)	22"(550)	6"(150)
HMB27	5/8"(16)	24"(600)	6"(150)
HMB28	5/8"(16)	26"(650)	6"(150)
HMB29	5/8"(16)	28"(700)	6"(150)
HMB30	3/4"(20)	2"(50)	1 3/4"(44)
HMB31	3/4"(20)	6"(150)	3"(75)
HMB32	3/4"(20)	8"(200)	4"(100)
HMB33	3/4"(20)	10"(250)	4"(100)
HMB34	3/4"(20)	12"(300)	6"(150)
HMB35	3/4"(20)	14"(350)	6"(150)
HMB36	3/4"(20)	16"(400)	6"(150)
HMB37	3/4"(20)	18"(450)	6"(150)
HMB38	3/4"(20)	20"(500)	6"(150)
HMB39	3/4"(20)	22"(550)	6"(150)
HMB40	3/4"(20)	24"(600)	6"(150)
HMB41	3/4"(20)	26"(650)	6"(150)
HMB42	3/4"(20)	28"(700)	6"(150)
HMB43	7/8"(22)	12"(300)	6"(150)
HMB44	7/8"(22)	14"(350)	6"(150)
HMB45	7/8"(22)	16"(400)	6"(150)
HMB46	7/8"(22)	18"(450)	6"(150)
HMB47	7/8"(22)	20"(500)	6"(150)
HMB48	7/8"(22)	22"(550)	6"(150)
HMB49	7/8"(22)	24"(600)	6"(150)

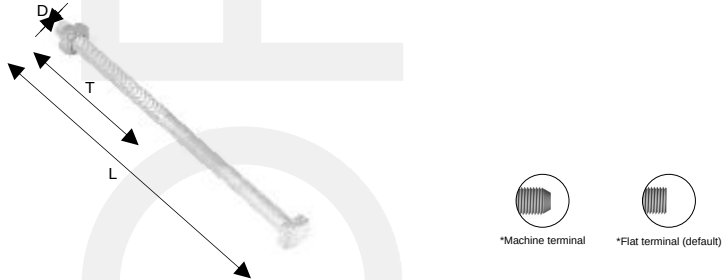
*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.



SQUARE MACHINE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS 729, ISO1461.
Furnished with 1 square nut.



Type	Dimensions in Inches and Millimeters		
	D	L	T
SMB01	1/2"(12)	1 1/2"(38)	1 1/4"(32)
SMB02	1/2"(12)	2"(50)	1 3/4"(44)
SMB03	1/2"(12)	2 1/2"(63)	2 1/4"(58)
SMB04	1/2"(12)	3"(75)	2 3/4"(69)
SMB05	1/2"(12)	4"(100)	3"(75)
SMB06	1/2"(12)	5"(125)	3"(75)
SMB07	1/2"(12)	6"(150)	3"(75)
SMB08	1/2"(12)	8"(200)	4"(100)
SMB09	1/2"(12)	10"(250)	4"(100)
SMB10	1/2"(12)	12"(300)	6"(150)
SMB11	1/2"(12)	14"(350)	6"(150)
SMB12	1/2"(12)	16"(400)	6"(150)
SMB13	1/2"(12)	18"(450)	6"(150)
SMB14	5/8"(16)	2"(50)	1 3/4"(44)
SMB15	5/8"(16)	3"(75)	2 3/4"(69)
SMB16	5/8"(16)	4"(100)	3"(75)
SMB17	5/8"(16)	5"(125)	3"(75)
SMB18	5/8"(16)	6"(150)	3"(75)
SMB19	5/8"(16)	8"(200)	4"(100)
SMB20	5/8"(16)	10"(250)	4"(100)
SMB21	5/8"(16)	12"(300)	6"(150)
SMB22	5/8"(16)	14"(350)	6"(150)
SMB23	5/8"(16)	16"(400)	6"(150)
SMB24	5/8"(16)	18"(450)	6"(150)
SMB25	5/8"(16)	20"(500)	6"(150)
SMB26	5/8"(16)	22"(550)	6"(150)
SMB27	5/8"(16)	24"(600)	6"(150)
SMB28	5/8"(16)	26"(650)	6"(150)
SMB29	5/8"(16)	28"(700)	6"(150)
SMB30	3/4"(20)	2"(50)	1 3/4"(44)
SMB31	3/4"(20)	6"(150)	3"(75)
SMB32	3/4"(20)	8"(200)	4"(100)
SMB33	3/4"(20)	10"(250)	4"(100)
SMB34	3/4"(20)	12"(300)	6"(150)
SMB35	3/4"(20)	14"(350)	6"(150)
SMB36	3/4"(20)	16"(400)	6"(150)
SMB37	3/4"(20)	18"(450)	6"(150)
SMB38	3/4"(20)	20"(500)	6"(150)
SMB39	3/4"(20)	22"(550)	6"(150)
SMB40	3/4"(20)	24"(600)	6"(150)
SMB41	3/4"(20)	26"(650)	6"(150)
SMB42	3/4"(20)	28"(700)	6"(150)
SMB43	7/8"(22)	12"(300)	6"(150)
SMB44	7/8"(22)	14"(350)	6"(150)
SMB45	7/8"(22)	16"(400)	6"(150)
SMB46	7/8"(22)	18"(450)	6"(150)
SMB47	7/8"(22)	20"(500)	6"(150)
SMB48	7/8"(22)	22"(550)	6"(150)
SMB49	7/8"(22)	24"(600)	6"(150)

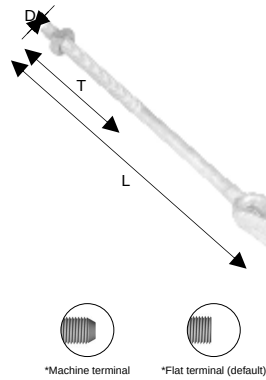
*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.



STRAIGHT THIMBLEYE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Finished with 1 Square nut, hexagonal nut can be required.



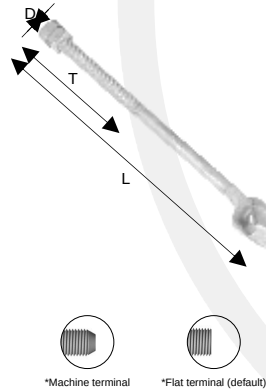
Type	Dimensions in Inches and Millimeters			
	C	D	L	T
STB01	1 3/8"(34)	5/8"(16)	8"(200)	4"(100)
STB02	1 3/8"(34)	5/8"(16)	10"(250)	4"(100)
STB03	1 3/8"(34)	5/8"(16)	12"(300)	6"(150)
STB04	1 3/8"(34)	5/8"(16)	14"(350)	6"(150)
STB05	1 3/8"(34)	5/8"(16)	16"(400)	6"(150)
STB06	1 3/8"(34)	5/8"(16)	18"(450)	6"(150)
STB07	1 3/8"(34)	5/8"(16)	20"(500)	6"(150)
STB08	1 1/2"(38)	3/4"(20)	10"(250)	4"(100)
STB09	1 1/2"(38)	3/4"(20)	12"(300)	6"(150)
STB10	1 1/2"(38)	3/4"(20)	14"(350)	6"(150)
STB11	1 1/2"(38)	3/4"(20)	16"(400)	6"(150)
STB12	1 1/2"(38)	3/4"(20)	18"(450)	6"(150)
STB13	1 1/2"(38)	3/4"(20)	20"(500)	6"(150)

*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.

ANGLE THIMBLEYE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Furnished with 1 square nut, hexagonal nut can be required.



Type	Dimensions in Inches and Millimeters			
	C	D	L	T
ATB01	3"(76)	5/8"(16)	8"(200)	4"(100)
ATB02	3"(76)	5/8"(16)	10"(250)	4"(100)
ATB03	3"(76)	5/8"(16)	12"(300)	6"(150)
ATB04	3"(76)	5/8"(16)	14"(350)	6"(150)
ATB05	3"(76)	5/8"(16)	16"(400)	6"(150)
ATB06	3 9/16"(90)	3/4"(20)	10"(250)	4"(100)
ATB07	3 9/16"(90)	3/4"(20)	12"(300)	6"(150)
ATB08	3 9/16"(90)	3/4"(20)	14"(350)	6"(150)
ATB09	3 9/16"(90)	3/4"(20)	16"(400)	6"(150)
ATB10	3 9/16"(90)	3/4"(20)	18"(450)	6"(150)

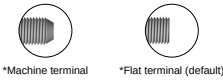
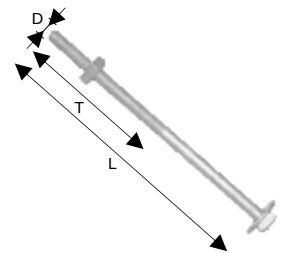
*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.



BRACE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Furnished with 1 square nut, hexagonal nut can be required.



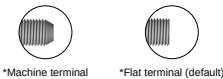
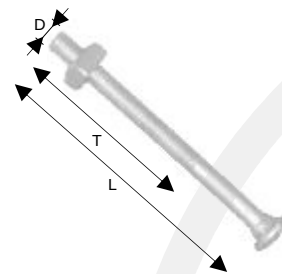
Type	Dimensions in Inches and Millimeters		
	D	L	T
BB01	3/8"(10)	4 1/2"(113)	2"(50)
BB02	1/2"(12)	4 1/2"(113)	2"(50)

*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.

CARRTAGE BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Furnished with 1 square nut, hexagonal nut can be required.



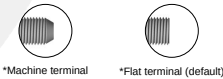
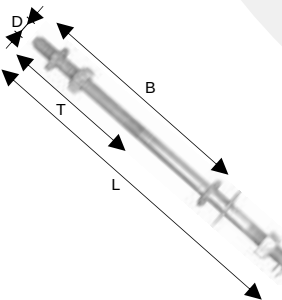
Type	Dimensions in Inches and Millimeters		
	D	L	T
CB01	3/8"(10)	3"(75)	2"(50)
CB02	3/8"(10)	4"(100)	3"(75)
CB03	3/8"(10)	4 1/2"(113)	3"(75)
CB04	3/8"(10)	5"(125)	3"(75)
CB05	3/8"(10)	5 1/2"(138)	3"(75)
CB06	3/8"(10)	6"(150)	3"(75)
CB07	3/8"(10)	7"(175)	3"(75)
CB08	3/8"(10)	8"(200)	3"(75)
CB09	3/8"(10)	10"(250)	3"(75)
CB10	1/2"(12)	4 1/2"(113)	3"(75)
CB11	1/2"(12)	5"(125)	3"(75)
CB12	1/2"(12)	5 1/2"(138)	3"(75)
CB13	1/2"(12)	6"(150)	3"(75)
CB14	1/2"(12)	7"(175)	4"(100)
CB15	1/2"(12)	8"(200)	4"(100)
CB16	5/8"(16)	2"(50)	1 5/8"(41)
CB17	5/8"(16)	2 1/2"(63)	1 5/8"(41)
CB18	5/8"(16)	3"(75)	2 1/2"(63)
CB19	5/8"(16)	4"(100)	3"(75)
CB20	5/8"(16)	5"(125)	3"(75)
CB21	5/8"(16)	6"(150)	3"(75)
CB22	5/8"(16)	7"(175)	4"(100)
CB23	5/8"(16)	8"(200)	4"(100)

*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.

SINGLE UPSET BOLT

Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Furnished with 2 square nuts, lock nut, round washer and split pin.



Type	Dimensions in Inches and Millimeters			
	L	B	T	D
SUB01	12 7/16"(315)	8"(200)	6"(150)	5/8"(16)
SUB02	14 7/16"(366)	10"(250)	6"(150)	5/8"(16)
SUB03	16 7/16"(417)	12"(300)	6"(150)	5/8"(16)
SUB04	17 7/16"(468)	14"(350)	6"(150)	5/8"(16)
SUB05	20 7/16"(519)	16"(400)	6"(150)	5/8"(16)

*Note: this bolt has Chamfering type, if you need this type, pls explain when you place an order.



Description

Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.

HEXAGONAL NUT



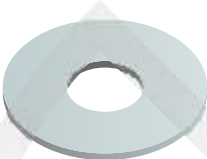
Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
HN01	3/8"(10)
HN02	1/2"(12)
HN03	5/8"(16)
HN04	3/4"(20)
HN05	7/8"(22)

SQUARE NUT



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
SN01	3/8"(10)
SN02	1/2"(12)
SN03	5/8"(16)
SN04	3/4"(20)
SN05	7/8"(22)

ROUND WASHER



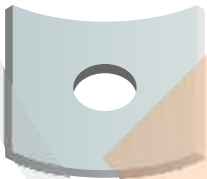
Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
RW01	3/8"(10)
RW02	1/2"(12)
RW03	5/8"(16)
RW04	3/4"(20)

SQUARE FLAT WASHER



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
SFW01	1/2"(12)
SFW02	5/8"(16)
SFW03	3/4"(20)

SQUARE CURVE WASHER



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
SCW01	1/2"(12)
SCW02	5/8"(16)
SCW03	3/4"(20)

SPRING LOCK WASHER



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
SLW01	3/8"(10)
SLW02	1/2"(12)
SLW03	5/8"(16)
SLW04	3/4"(20)



OVAL EYENUT



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
OEN01	1/2"(12)
OEN02	5/8"(16)
OEN03	3/4"(20)

SINGLE THIMBLEYE EYENUT



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
STEN01	5/8"(16)
STEN02	3/4"(20)

STANDARD EYELET



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
SEL01	1/2"(12)

DOUBLE THIMBLEYE EYENUT



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
DTEN01	3/4"(20)

ANGLE THIMBLEYE EYELET



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
ATEL01	5/8"(16)

TRIPLE THIMBLEYE EYENUT



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
TTEN01	3/4"(20)

STANDARD EYELET



Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
OSEL01	1/2"(12)
OSEL02	5/8"(16)

OVEL EYENUT



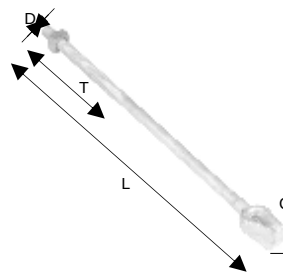
Type	Dimensions in Inches and Millimeters
	For Bolt Dia.
OHEN01	1/2"(12)
OHEN02	5/8"(16)



Description

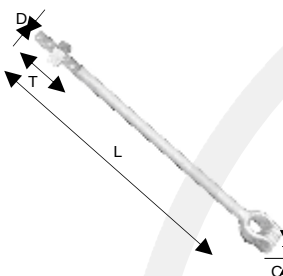
Produced in Steel Q235, hot dip galvanized according to ASTM A-153, BS729, ISO1461.
Furnished with 1 square nut.

SINGLE ANCHOR THIMBLEYE ROD



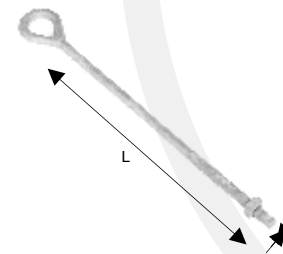
Type	Dimensions in Inches and Millimeters			
	L	T	C	D
SATR01	60"(1524)	4"(100)	1 1/2"(38)	5/8"(16)
SATR02	72"(1828)	4"(100)	1 1/2"(38)	5/8"(16)
SATR03	84"(2133)	4"(100)	1 1/2"(38)	5/8"(16)
SATR04	96"(2438)	4"(100)	1 1/2"(38)	5/8"(16)
SATR05	72"(1828)	4"(100)	1 1/2"(38)	3/4"(20)
SATR06	84"(2133)	4"(100)	1 1/2"(38)	3/4"(20)
SATR07	96"(2438)	4"(100)	1 1/2"(38)	3/4"(20)
SATR08	108"(2743)	4"(100)	1 1/2"(38)	3/4"(20)
SATR09	120"(3048)	4"(100)	1 1/2"(38)	3/4"(20)

DOUBLE ANCHOR THIMBLEYE ROD



Type	Dimensions in Inches and Millimeters			
	L	T	C	D
DATR01	72"(1828)	4"(100)	1 1/4"(31)	5/8"(16)
DATR02	84"(2133)	4"(100)	1 1/4"(31)	5/8"(16)
DATR03	96"(2438)	4"(100)	1 1/4"(31)	5/8"(16)
DATR04	72"(1828)	4"(100)	1 3/8"(34)	3/4"(20)
DATR05	84"(2133)	4"(100)	1 3/8"(34)	3/4"(20)
DATR06	96"(2438)	4"(100)	1 3/8"(34)	3/4"(20)
DATR07	108"(2743)	4"(100)	1 3/8"(34)	3/4"(20)
DATR08	120"(3048)	4"(100)	1 3/8"(34)	3/4"(20)

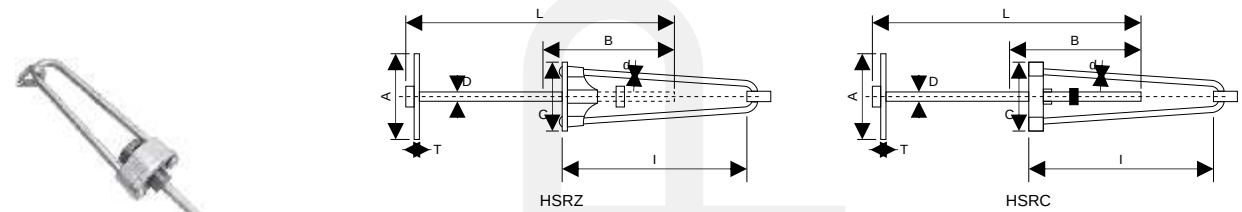
OVAL EYE ROD



Type	Dimensions in Inches and Millimeters	
	D	L
OER01	5/8"(16)	63"(1600)
OER02	5/8"(16)	71"(1800)
OER03	5/8"(16)	87"(2200)
OER04	5/8"(16)	95"(2400)
OER05	3/4"(20)	63"(1600)
OER06	3/4"(20)	71"(1800)
OER07	3/4"(20)	87"(2200)
OER08	3/4"(20)	95"(2400)
OER09	7/8"(22)	63"(1600)
OER10	7/8"(22)	71"(1800)
OER11	7/8"(22)	87"(2200)
OER12	7/8"(22)	95"(2400)



STAY ROD TURNBUCKLE TYPE



Type	Dimension(mm)								Rated Failure Load(kN)	Weight(kg)
	L	I	D	d	A	B	C	T		
HSRZ-18/180	1800	400	18	12	300	305	98	6	65	14.0
HSRZ-22/240	2400	400	22	14	380	305	110	6	96	17.9
HSRC-18/180	1800	300	18	12	300	305	98	6	65	13.8
HSRC-22/240	2400	380	22	14	380	305	110	6	96	17.0

STAY ROD TUBE TYPE

Type	Dimensions in Inches and Millimeters	
	D	L
GSR01	5/8"(16)	63"(1600)
GSR02	5/8"(16)	71"(1800)
GSR03	5/8"(16)	87"(2200)
GSR04	5/8"(16)	95"(2400)
GSR05	3/4"(20)	63"(1600)
GSR06	3/4"(20)	71"(1800)
GSR07	3/4"(20)	87"(2200)
GSR08	3/4"(20)	95"(2400)
GSR09	7/8"(22)	63"(1600)
GSR10	7/8"(22)	71"(1800)
GSR11	7/8"(22)	87"(2200)
GSR12	7/8"(22)	95"(2400)

STAY ROD EYE TYPE

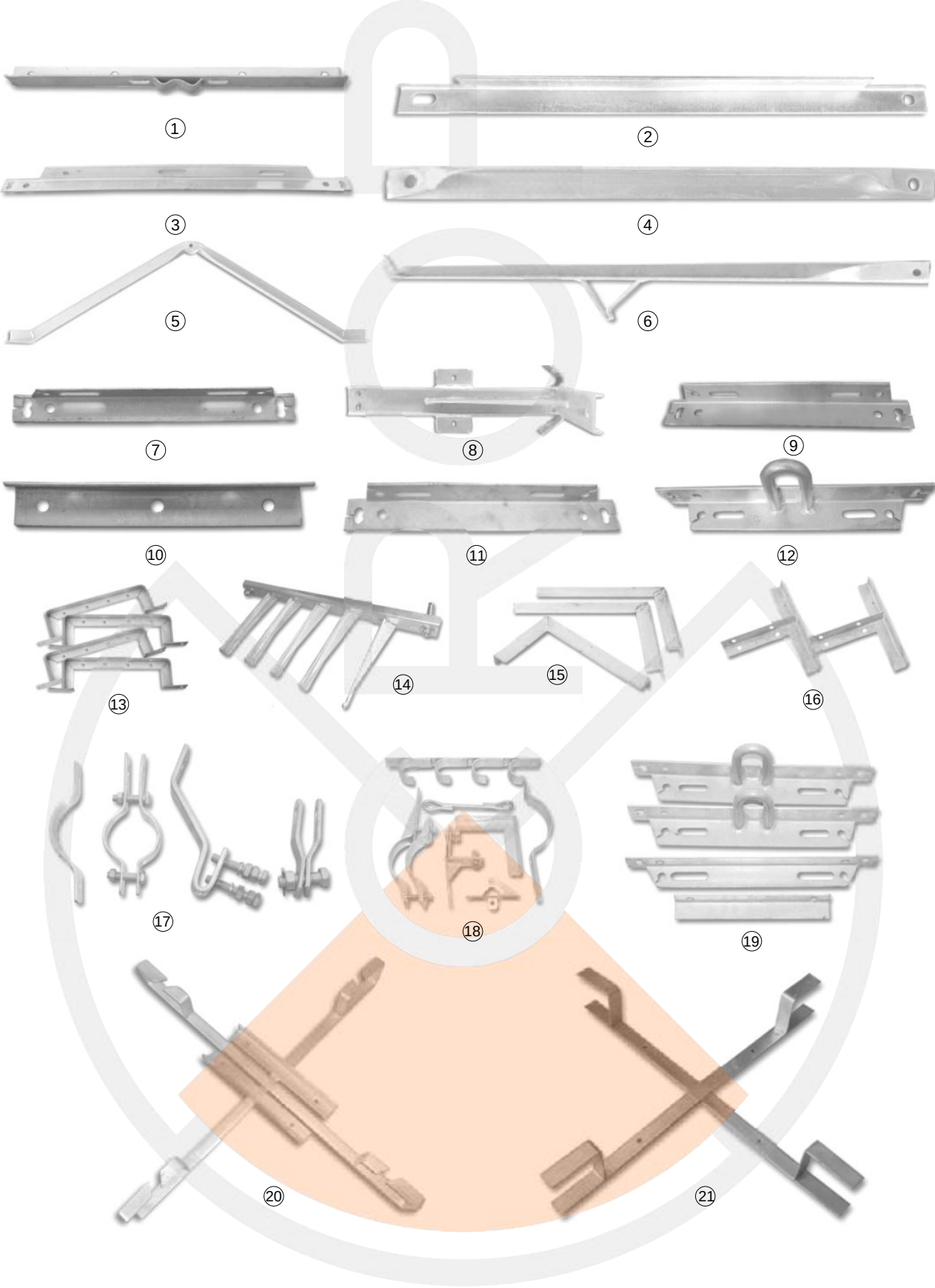
Type	Dimensions in Inches and Millimeters	
	D	L
SR01	63"(1600)	5/8"(16)
SR02	71"(1800)	5/8"(16)
SR03	87"(2200)	5/8"(16)
SR04	95"(2400)	5/8"(16)
SR05	63"(1600)	3/4"(20)
SR06	71"(1800)	3/4"(20)
SR07	87"(2200)	3/4"(20)
SR08	95"(2400)	3/4"(20)
SR09	63"(1600)	7/8"(22)
SR10	71"(1800)	7/8"(22)
SR11	87"(2200)	7/8"(22)
SR12	95"(2400)	7/8"(22)

NO WRENCH SCREW ANCHOR WITH SINGLE HELIX

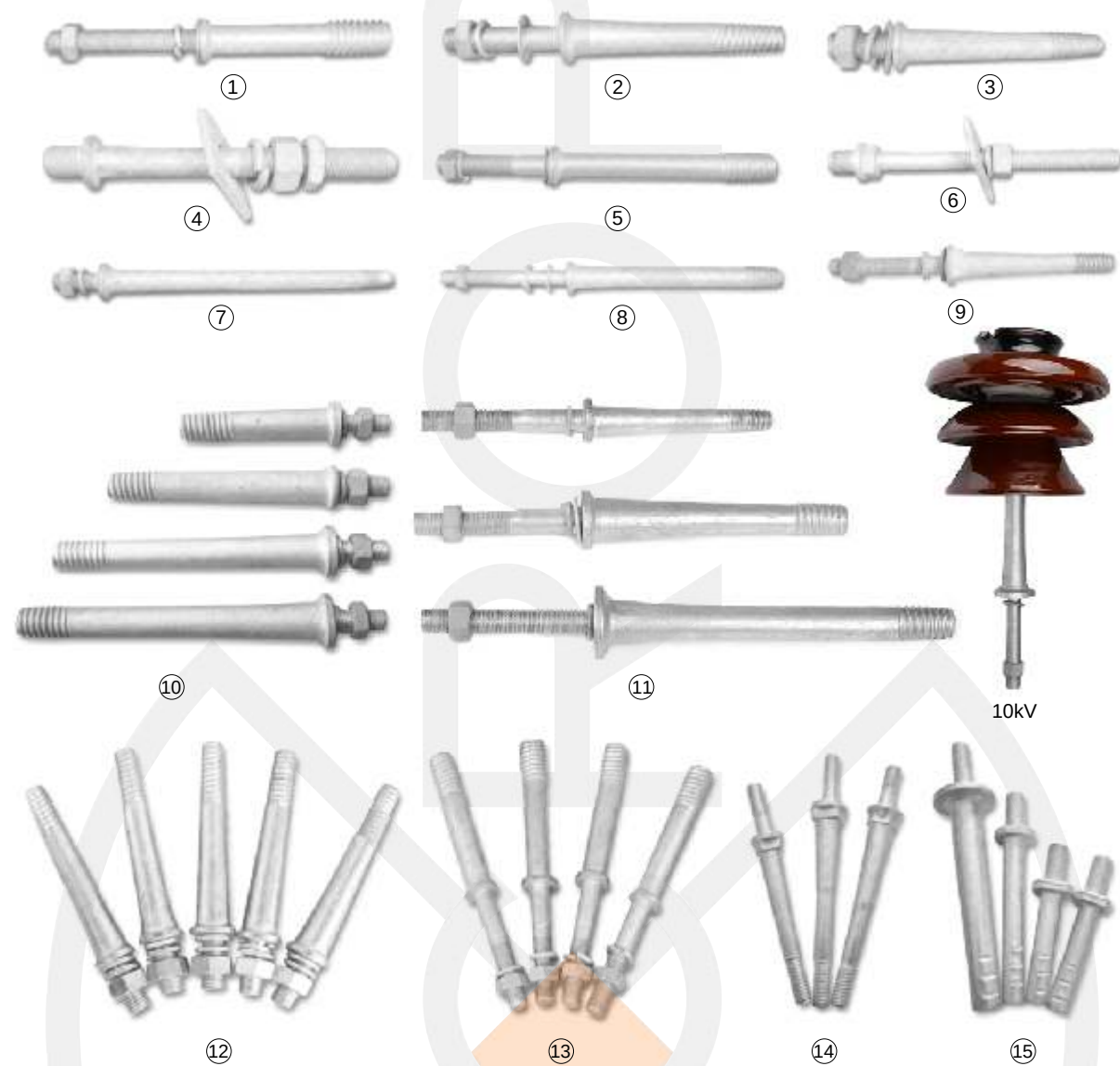
Type	Dimensions in Inches and Millimeters			
	L	T	C	D
SASH01	60"(1524)	2 9/16"(65)	1 1/2"(38)	3/4"(20)
SASH02	66"(1676)	2 9/16"(65)	1 1/2"(38)	3/4"(20)
SASH03	72"(1828)	2 9/16"(65)	1 1/2"(38)	3/4"(20)
SASH04	84"(2133)	2 9/16"(65)	1 1/2"(38)	3/4"(20)
SASH05	96"(2438)	2 9/16"(65)	1 1/2"(38)	3/4"(20)



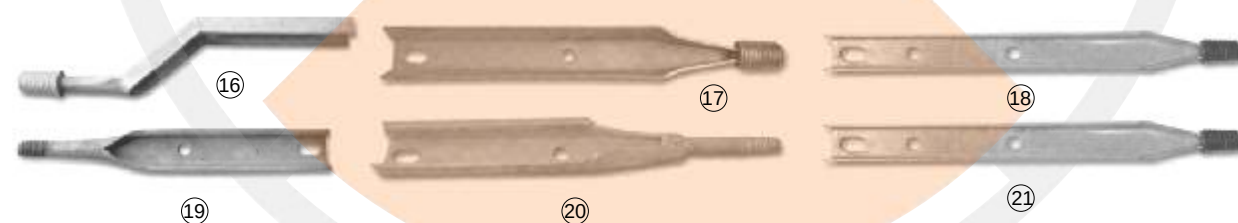
CROSS ARM



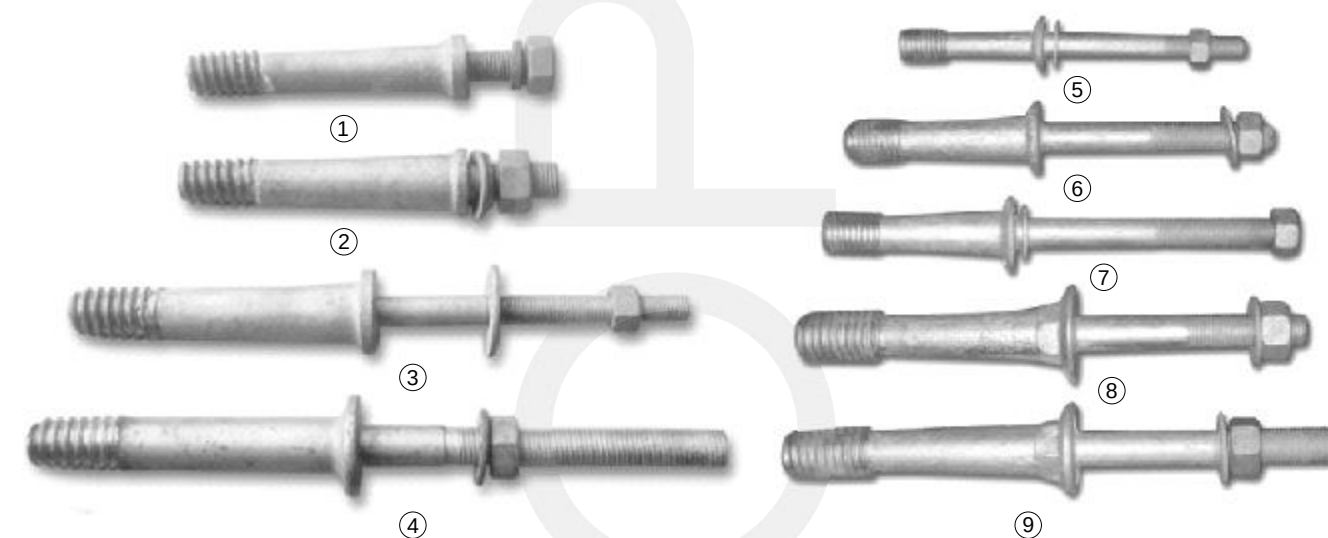
PIN TYPE SPINDLE



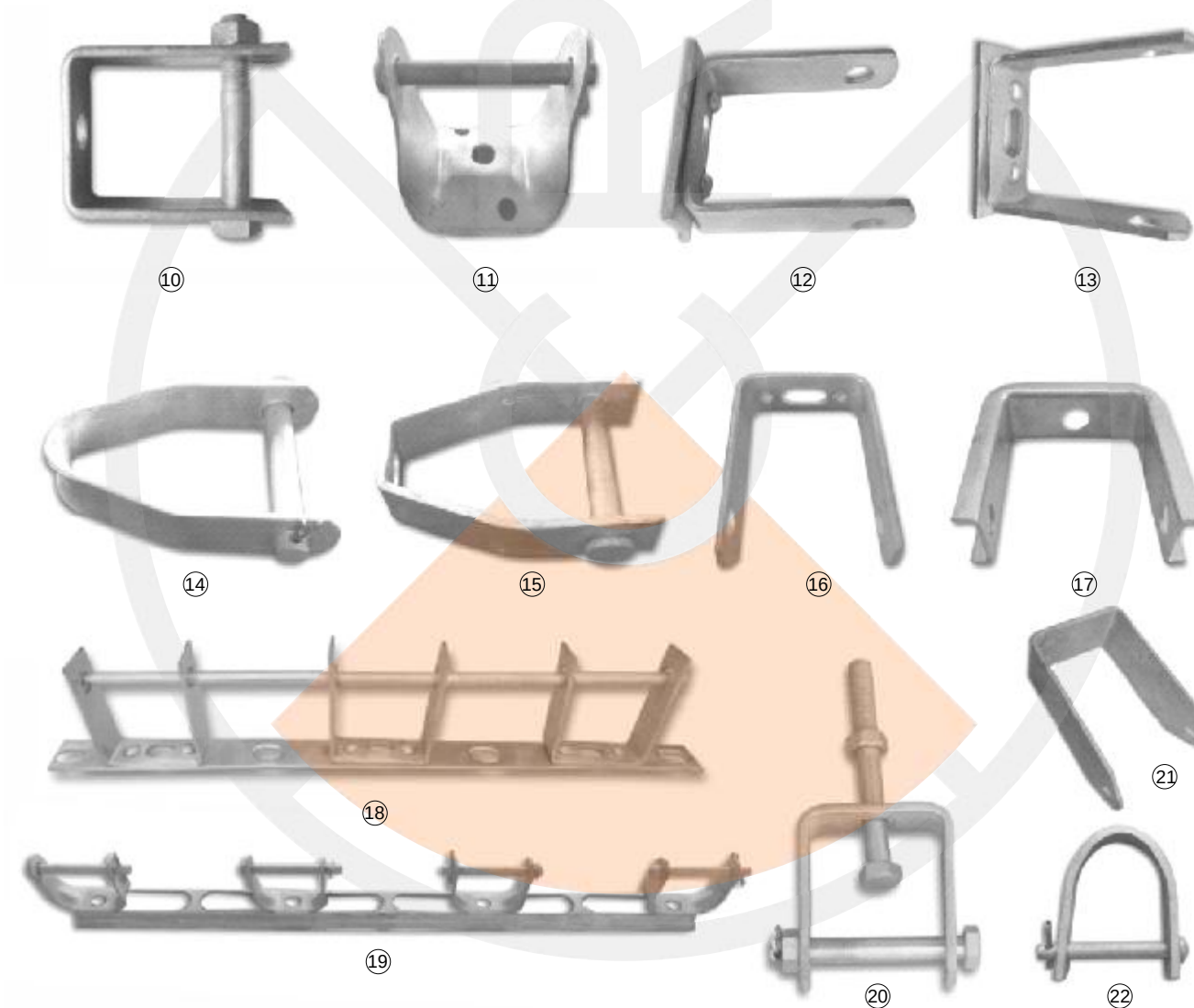
U-CHANNEL SPINDLE



CAST LEAD SPINDLE

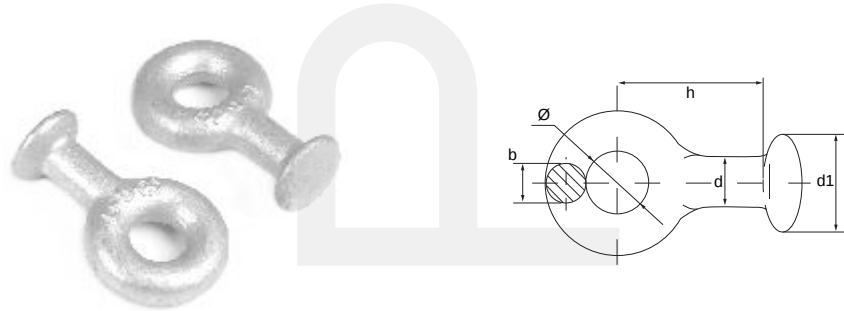


D BRACKET



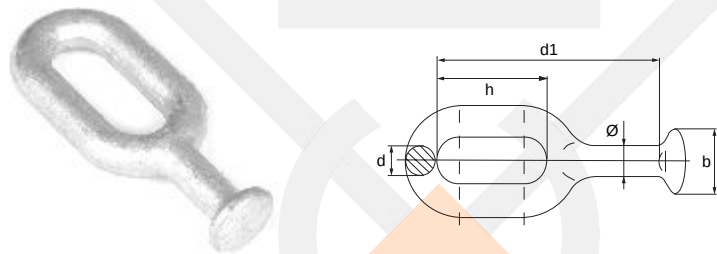


BALL EYES QP TYPE



Type	Dimensions in Millimeters					Designatedsize of Coupling	Specified Failure Load(kN)
	d	Ø	b	d1	h		
Q-7	17	22	16	33.3	50	16	70
QP-7	17	20	16	33.3	50	16	70
QP-10	17	20	16	33.3	50	16	100
QP-12	17	24	17	33.3	60	16	120
QP-12G	17	24	17	33.3	60	16	120
QP-16	21	26	20	41	60	20	160
QP-20	25	30	24	49	80	24	200
QP-21D	21	30	24	41	70	20	210
QP-30	25	39	28	49	80	24	300
QP-2120G	21	26	20	41	80	20	210
QP-3224G	25	33	28	49	80	24	320
QP-4228G	29	39	32	57	100	28	420

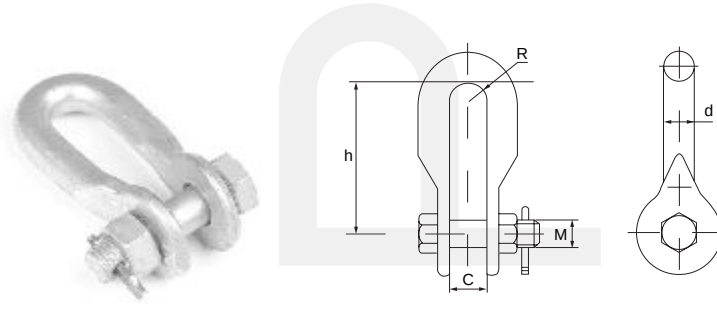
BALL EYES QH TYPE



Type	Dimensions in Millimeters					Designatedsize of Coupling	Specified Failure Load(kN)
	d	Ø	b	d1	h		
QH-7	16	17	33.3	100	57	16	70
QH-10	16	17	33.3	110	60	16	100
QH-12	19	17	33.3	90	45	16	120
QH-16	18	21	41	127	80	20	160
QH-20/16	22	21	41	135	85	20	160
QH-21	20	21	41	150	80	20	210
QH-30	22	25	49	150	98	24	300

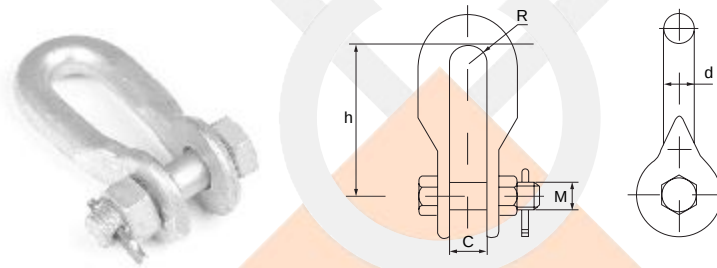


SHACKLE U TYPE



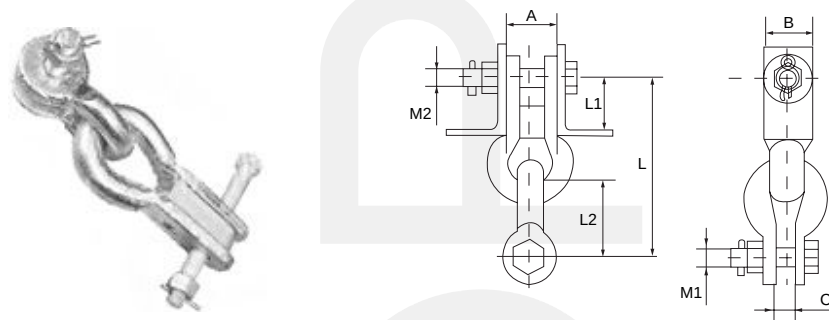
Type	Dimensions in Millimeters					Specified Failure Load(kN)
	C	M	d	h	R	
U-7	20	16	16	80	10	70
U-10	22	18	18	85	11	100
U-12	24	22	20	90	12	120
U-16	26	24	22	95	13	160
U-21	30	27	24	100	15	210
U-25	34	30	26	110	17	250
U-30	38	36	30	130	19	300
U-30G.1	38	30	30	95	19	300
U-40	42	42	36	150	21	400
U-50	44	42	36	150	22	500
U-50G.1	40	36	36	170	20	500
U-60	50	48	185	38	25	600
U-60A	46	42	42	172	23	600
U-21G	24	24	22	100	12	210
U-32G	32	30	28	100	16	320
U-42G	36	36	32	110	18	420
U-50G	36	36	34	120	18	500

SHACKLE UF TYPE



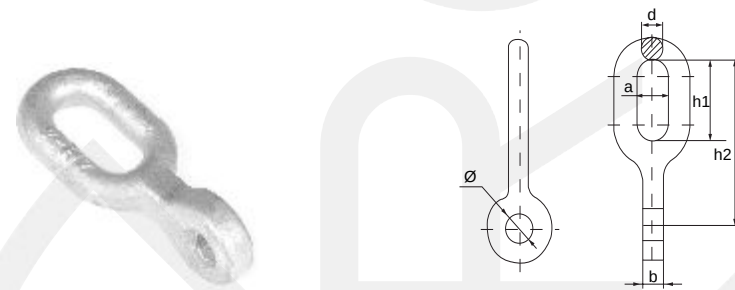
Type	Dimensions in Millimeters					Specified Failure Load(kN)
	d	Ø	b	d1	h	
UF-7	20	16	16	60	10	70
UF-10	22	18	18	70	11	100
UF-12	24	22	20	80	12	120
UF-16	26	24	22	90	13	160
UF-20	30	27	24	100	15	200
UF-25	34	30	26	110	17	250
UF-30	38	36	30	130	19	300
UF-40	42	42	36	150	21	400
UF-50	44	42	36	150	22	500

STRENGTHENED SHACKLE



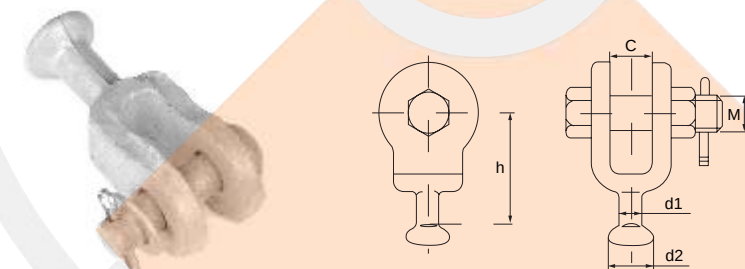
Type	Dimensions in Millimeters								Specified Failure Load(kN)
	A	B	C	M1	M2	L	L1	L2	
U-16J	60	60	30	24	24	195	75	87	160
U-20J	60	60	30	27	27	230	75	110	200
U-40J	70	108	44	42	42	323	125	120	400

EYE CHAIN LINKS



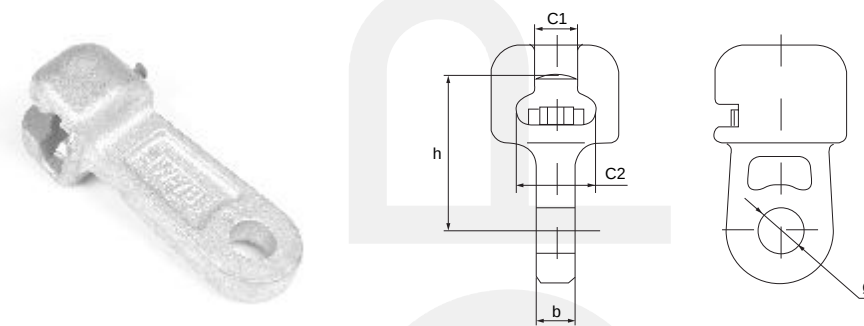
Type	Dimensions in Millimeters						Specified Failure Load(kN)
	a	b	d	h1	h2	Ø	
ZH-7	24	16	16	57	95	20	70
ZH-10	24	16	18	55	100	20	100
ZH-12	24	16	20	65	103	24	120
ZH-16	26	18	22	75	135	26	160
ZH-21	30	27	25	75	150	30	210

BALL CLEVIS Q TYPE



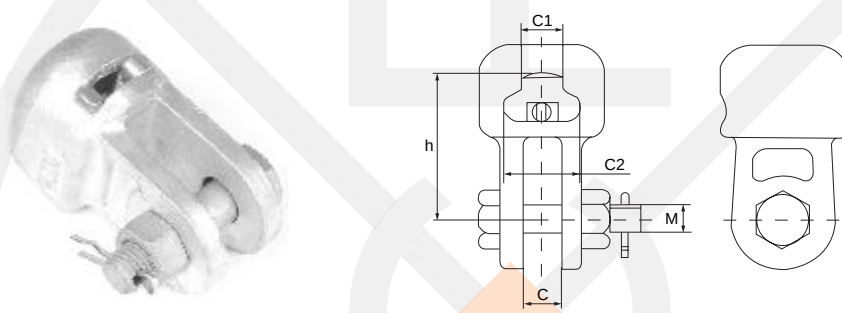
Type	Dimensions in Millimeters					Designatedsize of Coupling	Specified Failure Load(kN)
	h	d1	d2	M	C		
Q-7U	75	17	33.3	16	19	16	70
Q-12U	94	17	33.3	22	22	16	120
Q-16U	78	21	41	18	24	20	160
Q-16UA	80	21	41	24	26	20	160
Q-21U	102	21	41	27	30	20	210
Q-30U	110	25	49	36	38	24	300

SOCKET CLEVIS W TYPE



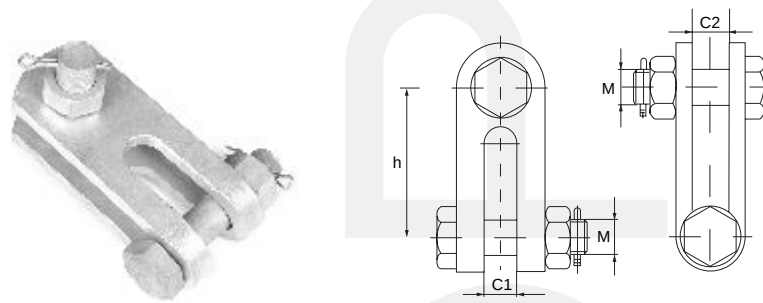
Type	Dimensions in Millimeters					Designatedsize of Coupling	Specified Failure Load(kN)
	b	C1	C2	h	Ø		
W-7A	16	19.2	34.5	70	20	16	70
W-7B	16	19.2	34.5	115	20	16	70
W1-10	18	19.2	34.5	85	20	16	100
W1-12	20	19.2	34.5	90	24	16	120
W-12 Big	20	23	42.5	90	24	20	120
W-12 Small	18	19.2	34.5	85	24	16	120
W-30	32	27.5	51	110	39	24	300

SOCKET CLEVIS WS TYPE



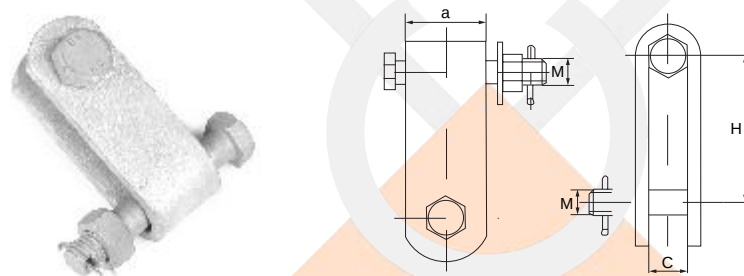
Type	Dimensions in Millimeters					Designatedsize of Coupling	Specified Failure Load(kN)
	C	C1	C2	M	h		
WS-7	18	19.2	34.5	16	70	16	70
WS-10	20	19.2	34.5	18	85	16	100
WS-12G	20	19.2	34.5	18	85	16	120
WS-12	24	19.2	34.5	22	85	16	120
WS-12X	24	19.2	34.5	22	90	16	120
WS-12A	20	19.2	34.5	22	85	16	120
WS-16	26	23	42.5	24	95	20	160
WS-21	30	23	42.5	27	100	20	210
WS-20DF	30	23	42.5	27	100	20	200
WS-30	36	27.5	51	36	110	24	300
WS-16G	22	23	42.5	24	95	20	160
WS-21G	24	27.5	51	24	100	24	210
WS-32G	32	27.5	51	30	110	24	320
WS-42G	36	32	59	36	120	28	420

SOCKET CLEVIS Z TYPE



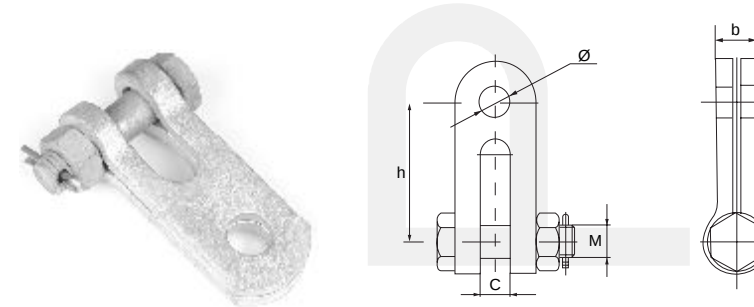
Type	Dimensions in Millimeters				Specified Failure Load(kN)
	C1	C2	M	h	
Z-7	18	18	16	80	70
Z-10	20	20	18	80	100
Z-12	24	24	22	100	120
Z-16	26	26	24	100	160
Z-21	30	30	27	120	210
Z-25	33	33	30	120	250
Z-30	38	38	36	120	300
Z-40	44	44	42	180	400
Z-50	44	44	42	120	500
Z-16G	24	26	24	90	160
Z-21G	24	26	24	90	210
Z-32G	32	32	30	100	320
Z-42G	36	38	36	110	420
Z-64G	40	44	42	130	640

CLEVIS UB TYPE



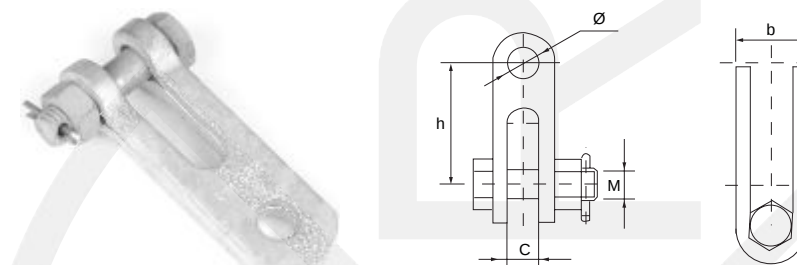
Type	Dimensions in Millimeters				Specified Failure Load(kN)
	C	M	H	a	
UB-7	18	16	70	45	70
UB-10	20	18	80	45	100
UB-12	24	22	100	60	120
UB-16	26	24	100	60	160
UB-16G	24	20	90	48	160
UB-20T	30	27	120	60	200
UB-21	30	27	120	70	210
UB-25T	34	30	150	60	250
UB-30T	38	36	150	60	300
UB-40T	44	42	150	80	400
UB-60T	50	48	180	70	600

CLEVIS ZS TYPE



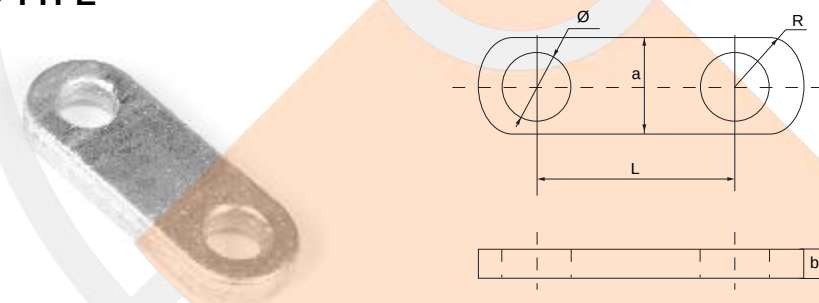
Type	Dimensions in Millimeters					Specified Failure Load(kN)
	C	b	M	Ø	h	
ZS-7	18	16	16	18	80	70
ZS-665	20	22	16	20	65	70
ZS-10	20	18	18	20	80	100
ZS-16	26	24	24	26	90	160
ZS-25	33	30	30	33	120	250
ZS-30	38	34	36	39	150	300

CLEVIS ZBS TYPE



Type	Dimensions in Millimeters					Specified Failure Load(kN)
	C	Ø	M	b	h	
ZBS-6-1	22	18	16	30	70	70
ZBS-12-1	28	24	18	44	85	120
ZBS-15-1	28	26	18	44	85	150

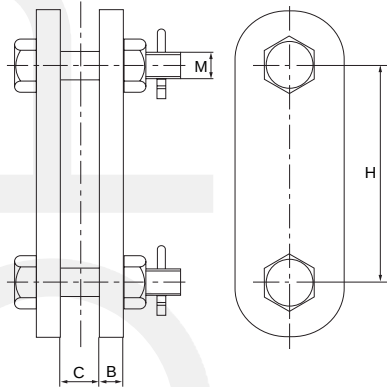
CLEVIS PD TYPE



Type	Dimensions in Millimeters					Specified Failure Load(kN)
	a	b	L	Ø	R	
PD-7	40	16	70	18	22	70
PD-10	45	16	80	20	24	100
PD-12	50	16	100	24	26	120
PD-16	60	18	100	26	32	160
PD-20	72	26	120	30	36	200



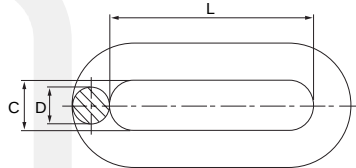
CLEVIS P TYPE



Type	Dimensions in Millimeters				Specified Failure Load(kN)
	B	C	M	H	
P-7	6	18	16	70	70
P-10	8	20	18	80	70
P-12	10	24	22	90	120
P-16	12	26	24	100	160
P-1630	12	26	24	300	160
P-21	14	30	27	120	210
P-25	16	34	30	120	250
P-30	16	38	36	120	300
P-2018	14	30	27	180	200
P-2024	14	30	27	240	200
P-2030	14	30	27	300	200
P-2036	14	30	27	360	200
P-2042	14	30	27	420	200
P-2048	14	30	27	480	200
P-2054	14	30	27	540	200
P-3018	16	38	36	180	300
P-3024	16	38	36	240	300
P-3030	16	38	36	300	300
P-3036	16	38	36	360	300
P-3042	16	38	36	420	300
P-3048	16	38	36	480	300
P-3054	16	38	36	540	300
P-5012	20	40	42	120	500
P-5024	20	40	42	240	500
P-50	20	40	42	200	500
P-16G	12	22	24	90	160
P-21G	12	24	24	120	210
P-32G	16	32	30	120	320
P-42G	18	36	36	150	420

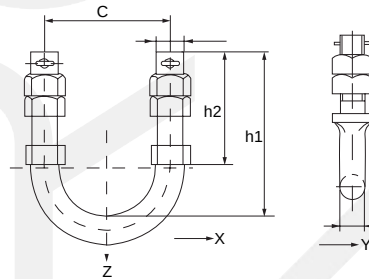


EXTENSION RING(RING MONOBLOCK FORGING)



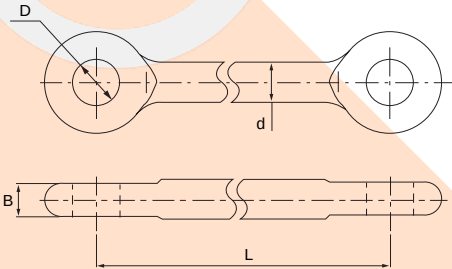
Type	Dimensions in Millimeters			Specified Failure Load(kN)
	C	D	L	
PH-7	20	16	80	70
PH-10	22	18	100	100
PH-12	24	20	120	120
PH-16	26	22	140	160
PH-21	30	24	160	210
PH-25	34	26	160	250
PH-30	38	30	180	300

U-BOLTS



Type	Dimensions in Millimeters				Specified Failure Load(kN)		
	C	M	h1	h2	X	Y	Z
U-1880	80	18	110	75	18	3.5	35
U-2080	80	20	120	80	24	4.9	47
U-2280	80	22	130	90	28	6.5	57
UJ-1880	80	18	105	50	18	5.3	35
UJ-2080	80	20	120	60	24	7.4	47
UJ-2280	80	22	127	65	28	10.8	57

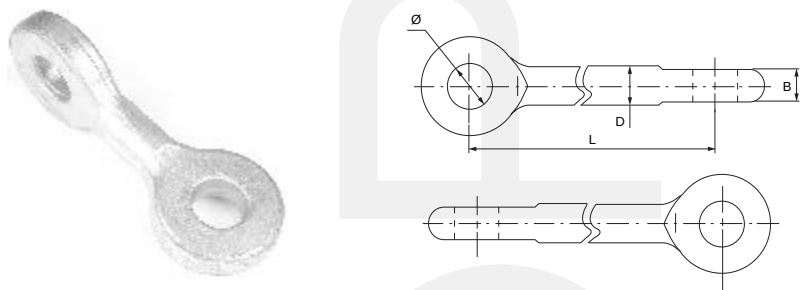
EXTENSION RODS YLP TYPE



Type	Dimensions in Millimeters				Specified Failure Load(kN)
	d	D	B	L	
YLP-16260	24	26	20	260	160
YLP-16850	24	26	20	850	160
YLP-16910	24	26	20	910	160
YLP-16970	24	26	20	970	160
YLP-16990	24	26	20	990	160
YLP-25855	30	33	30	855	250
YLP-25915	30	33	30	915	250
YLP-25935	30	33	30	935	250

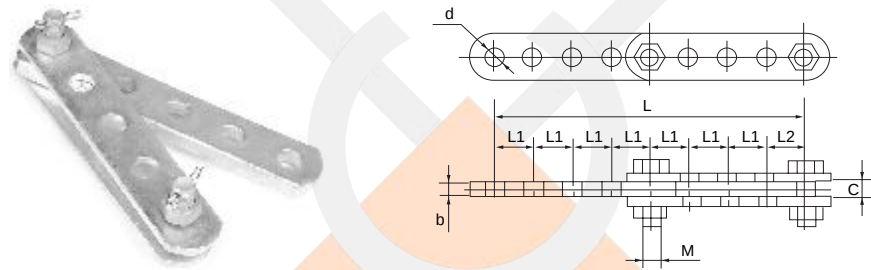


EXTENSION RODS YL TYPE



Type	Dimensions in Millimeters				Specified Failure Load(kN)
	D	Ø	B	L	
YL-1012	18	20	16	120	100
YL-1040	18	20	16	400	100
YL-1050	18	20	16	500	100
YL-1066	18	20	16	660	100
YL-1069	18	20	16	690	100
YL-1243	22	24	18	430	120
YL-1640	22	26	18	400	160
YL-1643	22	26	18	430	160
YL-1655	22	26	18	550	160
YL-1657	22	26	18	570	160
YL-2043	24	30	20	430	200
YL-2155	26	30	20	550	210
YL-2165	26	30	20	650	210

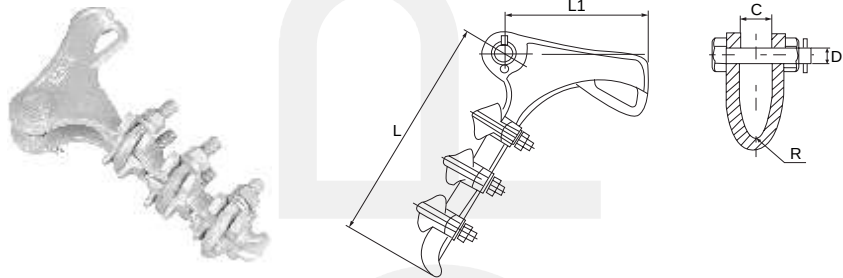
ADJUSTER PLATES



Type	Dimensions in Millimeters							Specified Failure Load(kN)
	L1	L2	M	d	b	C	L	
PT-7	45	60	16	18	16	18	225	70
PT-10	50	65	18	20	16	20	225	100
PT-12	60	75	22	24	16	24	300	120
PT-16	65	50	24	26	18	26	325	160
PT-21	70	60	27	30	26	30	350	210
PT-30	80	70	36	39	32	38	400	300
PT-50	160	80	42	45	38	40	740	500
PT-60	180	90	48	51	42	44	820	600



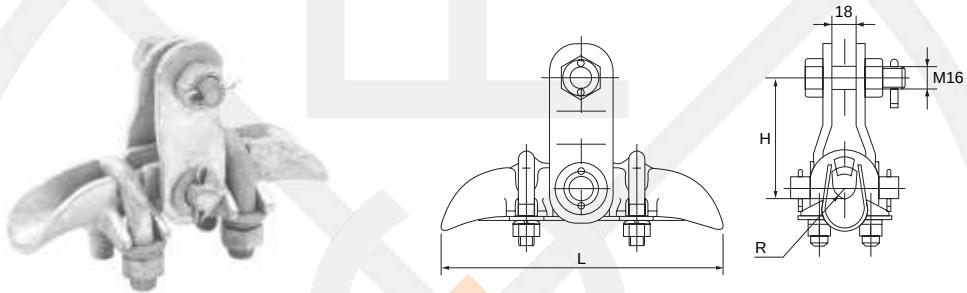
STRAIN CLAMP BOLT TYPE



Type	Applicable Conductor(mm²)	Dimensions(mm)					U bolt		Specified Failure Load(kN)	Weight(kg)
		D	C	L	L1	R	Quantity	Diameter(mm)		
NLD-1	5.1~10.0	16	18	150	120	6.5	2	12	20	1.2
NLD-2	10.1~14.0	16	18	205	130	8.0	3	12	40	2.0
NLD-3	14.1~18.0	18	22	310	160	11.0	4	16	70	4.3
NLD-4	18.1~23.0	18	25	410	220	12.5	5	16	90	7.2

The clamp body and keepers are malleable iron, the closed-pin s stainless steelwork, the other parts are steel.

SUSPENSION CLAMPS TRUNNION TYPE



Type	Applicable Conductor(mm)	Dimensions(mm)			Specified Failure Load(kN)	Weight(kg)
		H	L	R		
XGU-1	5.0~7.0	82	180	4.0	40	1.4
XGU-2	7.1~13.0	82	200	7.0	40	1.8
XGU-3	13.1~21.0	102	220	11.0	40	2.0
XGU-4	21.1~26.0	110	250	13.5	40	3.0

The boady and keeper are made of malleable iron. Cotter-pins are made of stainless steel. Other parts are made of steel.
All ferrous parts are hou-dip galvanized.



CROP TECHNOLOGY GROUP LTD.

Add: No.77, Zhongji Rd, Yueqing City, Zhejiang, China.
 Tel: 0086-577-6259 2550
 Fax: 0086-577-2778 9058
 Ph./Whatsapp: 0086 138 6832 9796
 Wechat: WXL17757788662
 Email: info@cncropgroup.com

