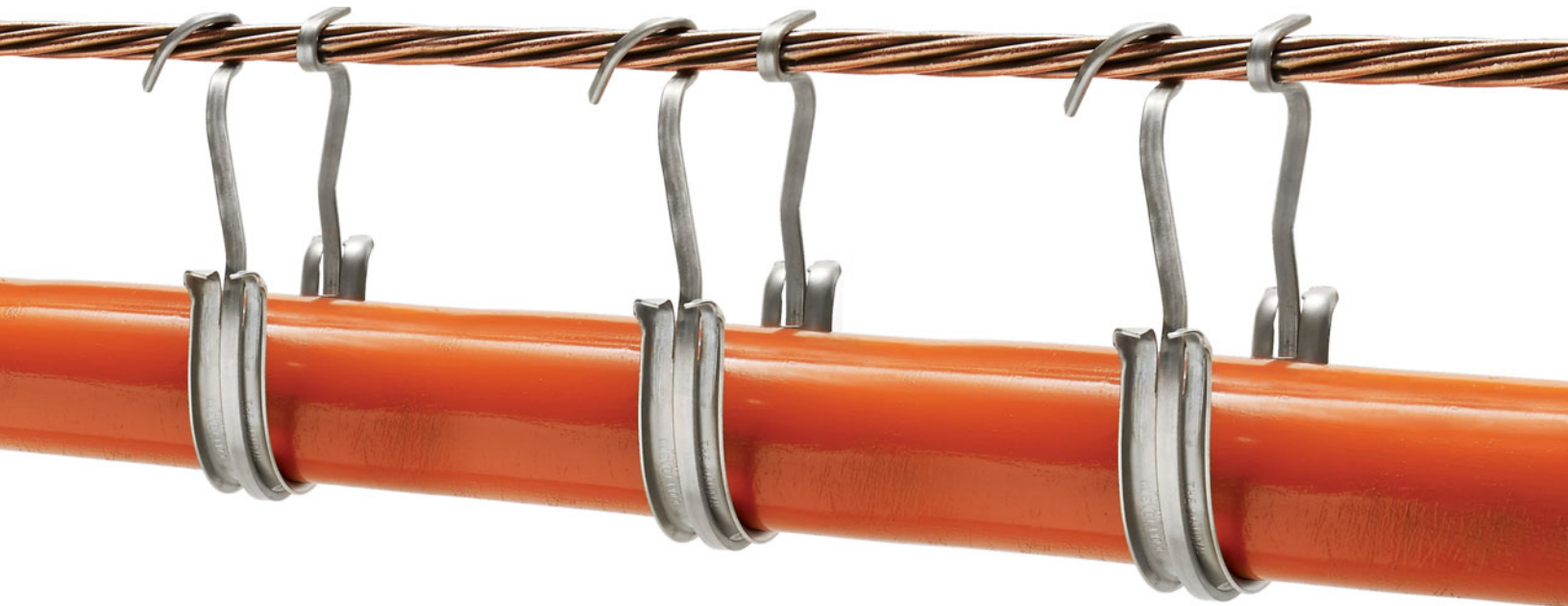


Cable Rings and Saddles



Nicopress designed and patented technology for Cable Rings and Saddles more than 100 years ago. They provide a safe, mechanically sound method for aerial distribution support of all types of electrical, control, and communications cables, as well as mechanical piping, tubing, and hose in many applications including:

- Power Utility
- Solar Power Plants
- Wind Power Plants
- Traffic Signal
- Telecommunications Data
- Railroad & Transit
- Electrical Construction
- Oil Pipelines, Oil Refineries
- Chemical Plants
- Mines & Tunnels
- Steel, Pulp & Paper Mills

Strong, durable aerial distribution support

Nicopress cable rings are manufactured for maximum strength from galvanized, stainless and copper covered (Copperweld®) steel with PVC coated options. They are available in standard or extra long lengths in a variety of diameters to fit on an exact messenger wire size to prevent slippage.

Nicopress saddles are available in aluminum or stainless steel in a variety of diameters. They are strong and lightweight with a wide load bearing area in the carrier section of the cable ring. This provides extra support and protection which is especially important when running heavy or multiple cables.

Cable rings and saddles can be combined depending upon the environment to provide various application solutions. Stainless and galvanized steel cable rings are ideal for more demanding environments while PVC coated are insulated and spark resistant.

Extra long cable rings can be used in combination with standard cable rings and saddles for running several cables or bundles independently from the same messenger wire.

Quick, easy installation

Nicopress cable rings and saddles are installed easily within seconds and lock into place for a safe, secure, no-slip solution.

Cost effective, long term solution

Nicopress cable rings and saddles offer exceptional reliability and long life as an aerial distribution support application compared to expensive cable burial or cable tray applications.

NICOPRESS Cable Rings and Saddles



Extra Long Galvanized & Stainless Steel Cable Rings



Cable Ring Saddles for Standard Length & Extra Long Cable Rings

Cable Rings

Cable rings are designed to snap onto messenger strand and support larger diameter aerial cable. The cable is suspended from the messenger strand by the cable ring. The integrity of the cable suspension system is based on multiple cable supports with each cable ring acting as an independent supporting unit.

Cable rings are available in sizes ranging from 1.5" (40 mm) to 6" (150 mm) with messengers ranging from 3/16" (5mm) to 3/4" (20mm); and in a variety of materials: galvanized steel, PVC coated steel, copper covered steel, and stainless steel. There are two length types: standard and extra long. (Standard are for single cable suspension and extra long are for suspending a second cable underneath a standard length cable ring so that one messenger transports two cables.)

The size of the cable ring equals the diameter of the enclosed loop after the cable ring has been placed on the messenger strand. The diameter of the cable being supported should never exceed the capacity of the ring (enclosed loop).

Spacing of cable rings on messenger strands varies to suit specific installation and loading requirements, but the table to the right offers a general guideline for typical spacing.

TYPE OF CABLE RING	TYPE OF MESSENGER STRAND			
	GALVANIZED STEEL	ALUMINUM COVERED STEEL (ALUMOWELD®)	COPPER COVERED STEEL (COPPERWELD®)	TYPE 316 STAINLESS STEEL
GALVANIZED STEEL	X	X		
PVC (POLYVINYL CHLORIDE) COATED STEEL	X	X		X
COPPER COVERED STEEL (COPPERWELD®)			X	
TYPE 316 STAINLESS STEEL				X

RECOMMENDED SPACING (LOAD AREA)

CABLE RING SIZE (mm)	LIGHT	MEDIUM	HEAVY
2 1/2" & smaller (65)	20" (500)	18" (450)	16" (400)
over 2 1/2" (65)	15" (350)	12" (300)	12" (300)

Saddles

Cable ring saddles are designed for use with cable rings and offer further versatility and durability in aerial cable suspension. Their wider bearing surface offers increased support to the cable. Saddles are often required to meet design factors such as cable weight, armor, vibration and movement of the aerial cable.

Cable ring saddles are designed for use with a specific size cable ring. Saddles cannot be used interchangeably.

Cable ring saddles are made from aluminum, brass, galvanized steel, PVC coated steel and stainless steel. The most compatible combination of metals between cable rings and saddles is indicated to the right.

RING/SADDLE COMBINATIONS

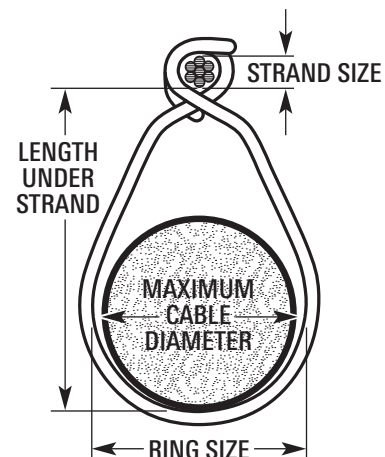
CABLE RING	CABLE RING SADDLE
GALVANIZED STEEL	GALVANIZED OR ALUMINUM
STAINLESS STEEL	STAINLESS STEEL
COPPERWELD®	BRASS

NICOPRESS Cable Rings and Saddles

STANDARD LENGTH CABLE RINGS - GALVANIZED & STAINLESS STEEL CABLE RINGS											
Ring Diameter Inches / mm	Messenger Size Inches / mm							Max Cable Diameter Inches / mm	Length Under Strand Inches / mm	Approx wt lbs per 1k Lbs / Kg	Qty / box
1-1/2	3/16	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	1000
40	5 6 7 8 9 10 11 13 14 16							30	65	22	
2	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	500	
50	6 7 8 9 10 11 13 14 16							40	75		24
2-1/2	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	500	
65	6 7 8 9 10 11 13 14 16							50	90		45
3	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	400	
75	6 7 8 9 10 11 13 14 16							60	105		54
3-1/2	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	300
90	6 7 8 9 10 11 13 14 16 19							70	115	60	
4	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	200		
100	8 9 10 11 13 14 16 19							75		125	77
4-1/2	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	200		
115	8 9 10 11 13 14 16 19							90		140	86
5	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	200		
130	8 9 10 11 13 14 16 19							100		160	100
6	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	150		
150	8 9 10 11 13 14 16 19							130		185	108

EXTRA LONG GALVANIZED & STAINLESS STEEL CABLE RINGS											
Ring Diameter Inches / mm	Messenger Size Inches / mm							Max Cable Diameter Inches / mm	Length Under Strand Inches / mm	Approx wt lbs per 1k Lbs / Kg	Qty / box
1-1/2	3/16	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	500
40	5 6 7 8 9 10 11 13 14 16							30	100	52	
2	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	300	
50	6 7 8 9 10 11 13 14 16							40	125		72
2-1/2	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	250	
65	6 7 8 9 10 11 13 14 16							50	152		95
3	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	200	
75	6 7 8 9 10 11 13 14 16							60	180		100
3-1/2	1/4	9/32	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	200
90	6 7 8 9 10 11 13 14 16 19							70	200	105	
4	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	150		
100	8 9 10 11 13 14 16 19							75		230	115
4-1/2	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	150		
115	8 9 10 11 13 14 16 19							90		255	122
5	5/16	11/32	3/8	7/16	1/2	9/16	5/8	3/4	150		
130	8 9 10 11 13 14 16 19							100		285	132

CABLE RING SADDLES				
Ring Diameter Inches / mm	GALVANIZED STEEL Approx wt per 1k Lbs / Kg	STAINLESS STEEL Approx wt per 1k Lbs / Kg	ALUMINUM Approx wt per 1k Lbs / Kg	Qty / box
1-1/2 / 40	78 / 35	62 / 28	30 / 14	1000
2 / 50	93 / 42	71 / 32	35 / 16	500
2-1/2 / 65	102 / 46	83 / 38	40 / 18	500
3 / 75	120 / 54	99 / 45	50 / 23	400
3-1/2 / 90	136 / 62	107 / 48	52 / 24	300
4 / 100	149 / 68	123 / 56	60 / 27	200
4-1/2 / 115	168 / 76	132 / 60	64 / 29	200
5 / 130	180 / 82	142 / 64	71 / 32	200
6 / 150	180 / 82	142 / 64	71 / 32	150



Since 1901, Nicopress® has designed and manufactured a wide range of tools and connections for power cable, wire and synthetic rope applications.

A perfectly integrated system, Nicopress® tools and sleeves have been specifically engineered, laboratory- and field-tested for dependability and longevity. For more than 118 years, the Nicopress® system has been used for aerospace, military and defense, utilities, OEM/industrial, rail signal and catenary, indoor and outdoor entertainment, performing arts, motion picture, and specialty solutions including construction, erosion control, fall protection, material handling, marine and others.

Nicopress® is dedicated to quality and continuous improvement. Our design, engineering and development team supports a wide range of products with extensive technical knowledge. Resources are available to download or request online at www.nicopress.com. Or, ask your distributor.

CATALOGS



Electrical Power & Signal (Catalog No. 40)



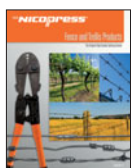
Rail Signal & Electrical Products



Cable Rings & Saddles



Connection System:
Sleeves and tools for wire, fiber and synthetic rope
(Catalog No. 5)



Fence & Trellis (Catalog No. F17)

BROCHURES

Entertainment

- Efficiency of Wire Rope Connections
- Theatrical Rigging Connectors & Tools

Agriculture

- Agricultural Connectors Tools

OEM—Wire Rope

- Crimp Tools for Automating Manufacture of Cable Wire Rope Assemblies

Oil

- Electric Submersible Pump Electrical Connection Products

Specialty Solutions

- Erosion Control Connection System Products

Utility – Gas

- Buried Tracer Wire Connection System

Wire Rope

- Battery Powered Compression & Cutting Tools
- Rigging Connectors & Tools

DATA SHEETS

- Instruction 4: For Using No.17-BA Nicopress® Tool
- Instruction 37: 51 Tools for ACSR
- Instruction 50: 635 35-ton Hydraulic Tool
- Instruction 69: For Using No. 51 & No. 53 Types of Nicopress® Tools
- Instruction 70: For Using No. 31 Type Nicopress® Tools
- Instruction 2967: Catenary Splices & Dead-Ends
- Instruction 3512: 3512 12-ton Hydraulic Tool
- Instruction 5512: 12-ton Battery Hydraulic Tool
- Instruction 5612: 12-ton Battery Hydraulic Hand Tool

The National Telephone Supply Company
5100 Superior Ave. Cleveland, Ohio 44103, USA
www.nicopress.com

EMAIL: sales@nicopress.com
PHONE: (+1)216-361-0221

ISO 9001:2015