NICOpress®

Securing our world since 1901

Catalog No. 40

Electical Power & Signal

Splicing Sleeves, Cable Rings, and Tools for Power & Rail

Electrical power and signal applications for more than 118 years

Since 1901, The National Telephone Supply Company has been manufacturing products for electrical power industry and signal applications. During this time Nicopress®, the registered trademark of our products, has earned a reputation for quality and dependable service. A perfectly integrated system, Nicopress® tools and sleeves have been specifically engineered, laboratory- and field-tested for dependability and longevity.

Safely securing our world

Nicopress® patented and engineered many of the connectors, swaging tools, and cable rings offered. We developed a connection system to secure customers' critical applications worldwide in industries that require efficiency, safety, reliability, and quality. We continually evaluate new solutions for challenging connections and terminations.

Dedication to quality and continuous improvement

Our Cleveland, Ohio USA operation is certified to ISO 9001:2015 with Design standard. This globally recognized certification of quality management system standards supports our commitment to create and maintain quality processes that ensure consistency, visibility, and accountability. The demanding certification and audit process demonstrate our dedication to provide the highest-quality standards in design, engineering, and product manufacturing that meet or surpass our customers' expectations.

Knowledgeable post sales service & support

Our design, engineering, and development team supports a wide range of Nicopress® products with extensive technical knowledge. Our team answers questions and provides after-sales service as part of our quality commitment. A wide range of detailed product information and educational literature is available for download on our website.

Nicopress® products are available worldwide on-demand. Nicopress® customers can rely on our quality products, service, and support. Our USA operation manufactures the majority of product we sell, and our knowledgeable team is available to answer questions and assist with global engineering challenges. In addition, 24-hour customer service is provided in storm situations.

Catalog organized in four main sections

Catalog 40 is divided into four main sections. The first two sections are splicing sleeves used by the power and signal industries. The next is cable rings and saddles which includes aerial cable suspension devices. Finally, the tool section outlines both our manual and power tools. The tabular layout of the catalog gives prominence to stock numbers and conductor sizes which facilitates the correct selection of Nicopress® sleeves, tools, and other parts.

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NICOPRESS: Electrical Power

Copper and Copper Alloy Splicing Sleeves – Full Tension

Nicopress® splicing sleeves are used to splice a broad range of sizes of copper, copper-covered steel, *Copperweld*® copper, galvanized steel, A, C, S, R, All-Aluminum, AAAC, and Amerductor. All Nicopress® sleeves are designed to assure perfection in physical and electrical requirements.

Electrical conductor splicing sleeves are designed to splice the following types of conductors: copper, copper-covered steel (*Copperweld*®), galvanized steel, and Amerductor. Full tension sleeves are made of high conductivity seamless copper or copper alloy tubing with a specially bonded inner bore coating to assure maximum holding power and conductivity. Each sleeve is marked with a catalog stock number, conductor size, and installation tool groove.

Splicing Sleeves for Solid Copper Conductor - Full Tension

SPECIFICATIONS

- Seamless high conductivity copper tubing
- Sleeves develop 95% or more of the rated breaking strength of the conductor in conformance with ANSI C119.4
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-102-J	10	J	2.50	52	100
1-114-J	9	J	2.50	51	100
1-128-J	8	J	2	39	100
1-128-M	8	M	3	90	100
1-144-J	7	J	2.25	35	100
1-162-J•	6	J	2.25	35	100
1-162/7-J	5	J	2.25	35	100
1-162-M	6	M	2.25	56	100
1-204-M	4	M	2.75	64	100
1-204-P•	4	P	2.50	82	100
1-204-X 2-1/2"	4	X	2.50	131	50
1-229-P	3	P	2.75	85	100
1-229-T	3	T	3	124	50
1-258-T	2	T	3	108	50
1-258-X	2	X	2.75	146	50
1-289-X	1	X	3	130	50
1-289/7-E8	(1/0)	E8	5	224	25
1-325/7-F6	(2/0)	F6	7.25	483	25
1-365/7-G3	(3/0)	G3	7.25	579	10
1-410/7-G9	(4/0)	G9	7.25	705	10

• RUS accepted

NICOPRESS: Electrical Power

Splicing Sleeves for Stranded Copper Conductor - Full Tension

SPECIFICATIONS

- Seamless high conductivity copper tubing
- Sleeves develop 95% or more of the rated breaking strength of the conductor in conformance with ANSI C119.4
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

STOCK NUMBER	CONDUCTOR SIZE (AWG & KCM)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-3/102-P	3 NO. 10	P	3	87	100
1-3/128-X	3 NO. 8	X	3	150	50
1-3/162-E8	3 NO. 6	E8	5	213	25
1-128/7-J	8 (7 WIRE)	J	2	35	100
1-162/7-J	6 (7 WIRE)	J	2.25	35	100
1-204-M	6 (3 WIRE)	M	2.75	64	100
1-204-P	6 (3 WIRE)	P	2.75	82	100
1-204/7-M	4 (7 WIRE)	M	2.75	59	100
1-204/7-P	4 (7 WIRE)	P	2.75	83	100
1-204/7-X	4 (7 WIRE)	X	2.50	130	50
1-258-T	4 (3 WIRE)	T	3	108	50
1-258-X	4 (3 WIRE)	X	3	146	50
1-3/128-X	3 (7 WIRE)	X	3	150	50
1-289-X	3 (3 WIRE)	X	3	130	50
1-258/7-T	2 (7 WIRE)	T	3.25	112	50
1-258/7-X	2 (7 WIRE)	X	3	126	50
1-258/3-X•	2 (3 WIRE)	X	3.75	152	50
1-258/3-X	1 (7,19 WIRE)	X	3.75	152	50
1-289/7-E8	1 (7,19 WIRE)	E8	5	224	25
1-289/3-E8	1 (3 WIRE)	E8	5	211	25
1-325/7-F6•	1/0 (7 WIRE)	F6	7.25	483	25
1-365/7-G3	2/0 (7, 19 WIRE)	G3	7.25	579	10
1-410/7-G9	3/0 (7, 19 WIRE)	G9	7.25	705	10
1-460/7-H5	4/0 (7, 19 WIRE)	H5	7.25	813	10
1-250,000-J2	250 (19, 37 WIRE)	J2	8	1035	10
1-300,000-J8	300 (19, 37 WIRE)	J8	8	1075	10
1-350,000-L12	350 (19, 37 WIRE)	L12	8	1578	10
1-400,000-L12	400 (19, 37 WIRE)	L12	10	1919	5
1-500,000-M62	500 (19, 37 WIRE)	M62	12	2854	5
1-600,000-N92	600 (37, 61 WIRE)	N92	14	4279	5

•RUS accepted

Splicing Sleeves for Solid Copper Covered Steel (*Copperweld*®) Conductor - Full Tension

SPECIFICATIONS

- Seamless high conductivity copper and copper alloy tubing
- Sleeves develop full rated breaking strength of conductor in conformance with ANSI C119.4
- Specially bonded inner bore coating
- Rolled center constriction conductor stop
- For use with high strength and extra high strength conductor (30% or 40% conductivity)

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/M	STANDARD PACKAGE
1-102-J	10	J	2.5	52	100
1-114-J	9	J	2.5	51	100
3-128-J	8	J	2.75	53	100
1-128-M	8	M	3	90	100
1-128-P	8	P	3.5	154	50
1-144-M	7	M	3	90	100
1-144-P	7	P	3	124	50
1-162-P	6	P	3	115	50
1-204-X	4	X	4.5	243	50

Splicing Sleeves for Stranded Copper Covered Steel (*Copperweld*®) Conductor - Full Tension

SPECIFICATIONS Refer to Solid Copper Covered Steel (*Copperweld*®) Conductor Splicing Sleeves, above

STOCK NUMBER	CONDUCTOR SIZE	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-3/081-M	3 NO. 12 (AWG)	M	3	80	100
1-3/081-P	3 NO. 12 (AWG)	P	3.25	132	50
3-3/102-P	3 NO. 10 (AWG)	P	5.50	165	50
1-3/102-X	3 NO. 10 (AWG)	X	4.50	249	50
1-3/114-X	3 NO. 9 (AWG)	X	4.50	220	50
3-3/128-E8	3 NO. 8 (AWG)	E8	5	288	25
3-7/102-F6	3 NO. 7 (AWG)	F6	6.50	482	10
3-7/114-G3	3 NO. 6 (AWG)	G3	6.50	659	10
3-7/128-H52	3 NO. 5 (AWG)	H52	8.50	1188	10
3-7/102-F6	(5/16") 7 NO. 10 (AWG)	F6	6.50	482	10
3-7/114-G3	(11/32") 7 NO. 9 (AWG)	G3	6.50	659	10
3-7/128-H52	(3/8") 7 NO. 8 (AWG)	H52	8.50	1188	10
3-7/144-J82	(7/16") 7 NO. 7 (AWG)	J82	8.50	1520	10
3-7/162-K42	(1/2") 7 NO. 6 (AWG)	K42	8.50	1620	10
3-7/182-M12	(9/16") 7 NO. 5 (AWG)	M13	10.50	2960	none
3-7/182-M12	(9/16") 19 NO. 9 (AWG)	M13	10.50	2960	none
3-7/204-M12	(5/8") 7 NO. 4 (AWG)	M12	10.50	2870	none
1-162-P	2.2M	P	3	115	50
3-8D-P	4M	P	4.75	160	50
3-3/128-E8	6M3	E8	5	288	25
3-6M-E8	6M	E8	6	340	25
3-8M-F6	8M	F6	7.25	590	25
3-7/102-F6	10M	F6	6.50	482	10
3-7/128-H52	16M	H52	8.50	1188	10
3-7/144-J82	18M	J82	8.50	1520	10
3-7/144-J82	20M	J82	8.50	1520	10

NICOPRESS: Electrical Power

Splicing Sleeves for Copper Covered Steel (*Copperweld*®) Copper Composite Conductor - Full Tension

SPECIFICATIONS

- Seamless high conductivity copper and copper alloy tubing
- Sleeves develop full rated breaking strength of conductor in conformance with ANSI C119.4
- Specially bonded inner bore coating
- Rolled center constriction conductor stop
- For use with high strength and extra high strength conductor (30% or 40% conductivity)

STOCK NUMBER	CONDUCTOR SIZE	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-8A-M	8A	M	5	133	50
1-8A-P•	8A	P	5	178	50
1-8A-X	8A	X	5.75	337	50
1-7A-P	7A	P	5.50	180	50
1-6A-P•	6A	P	5.50	173	50
1-6A-X	6A	X	5.75	296	50
1-5A-X	5A	X	5.75	279	50
1-4A-X•	4A	X	5.75	269	50
1-3A-F6	3A	F6	6.50	440	25
3-2A-F6	2A	F6	7	413	25
1-3/081-M	8C	M	3	80	100
1-3/081-P	8C	P	3.25	132	50
1-6A-P	6C	P	5.50	173	50
1-6A-X	6C	X	5.75	296	50
1-3/081-M	9-1/2D	M	3	80	100
1-3/081-P	9-1/2D	P	3.25	132	50
3-8D-P	8D	P	4.75	160	50
3-6D-X	6D	X	5.75	259	50
1-2F-E8	2F	E8	7	400	25
1-1F-F6	1F	F6	8	490	25
1-1/0 F-G3	1/0F	G3	10	969	10
1-2/0 F-G9	2/0F	G9	10	1048	10
1-3/0 F-H5	3/0F	H5	12	1400	10
1-4/0 F-J2	4/0F	J2	14	1910	10
3-7/114-G3	3K	G3	6.50	659	10
3-7/162-K42	1/0K	K42	8.50	1620	10
3-7/182-M12	2/0K	M12	10.50	2960	none
3-7/204-M12	4/0E	M12	10.50	2870	none

•RUS accepted

Splicing Sleeves for Solid Galvanized Steel Conductor - Full Tension

SPECIFICATIONS

- Electrogalvanized copper and copper alloy seamless tubing
- Sleeves develop 100% of the rated breaking strength of the conductor
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

STOCK NUMBER	CONDUCTOR SIZE (BWG)	GRADE*	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
2-165-J	8	BB	J	2.25	35	100
2-180-M	7		M	2.75	80	100
2-203-M	6	BB	M	2.75	62	100
2-203-P	6	BB	P	2.75	82	100

*BB stands for Best Best Wire grade per ASTM standard A-111

Splicing Sleeves for Type SCP and SCG Amerductor* - Full Tension

SPECIFICATIONS

- Electrogalvanized copper and copper alloy seamless tubing
- Sleeves develop 100% of the rated breaking strength of the conductor
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE**	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
2-12SC-P	12	P	7	275	50
4-10SC-P	10	P	9	294	25
2-8SC-P	8	P	7	258	25
2-6SC-E5	6	E5	8.50	453	25
4-4SC-E5	4	E5	10	438	20

*SCP stands for Amerductor construction, steel copper plain; SCG stands for Amerductor construction, steel copper galvanized
**Sleeves must be pressed with No. 3-E5P tool or No. 635 hydraulic tool die

NICOPRESS: Electrical Power

Galvanized Steel Splicing Sleeves – Full Tension

These sleeves are designed to splice galvanized steel, aluminum covered steel (*Alumoweld*®), and Amerductor conductors. Sleeves are made of high strength seamless steel tubing with a specially bonded inner bore coating to assure maximum holding power and conductivity. Full tension splices develop 100% of the rated breaking strength of the conductor. Each sleeve is marked with catalog stock number, conductor size, and installation tool groove.

Splicing Sleeves for Solid Galvanized Steel Conductor - Full Tension

SPECIFICATIONS
- Electrogalvanized seamless steel tubing
- Sleeves develop 100% of the rated breaking strength of the conductor
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

STOCK NUMBER	CONDUCTOR SIZE (BWG)	GRADE*	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
5-165-L	8	80, 130	L	4.25	103	50
5-203-S	6	80, 130	S	5.75	175	50
5-238-W	4	80, 130	W	5	200	50

*Numerical designations stand for the KSI of metal

Splicing Sleeves for Galvanized Steel Strand - Full Tension

SPECIFICATIONS
Refer to Solid Galvanized Steel Conductor Splicing Sleeves, above

STOCK NUMBER	CONDUCTOR SIZE (BWG)	GRADE*	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
5-165/3-L	NO. 8 (BWG) 3 WIRE	80, 130	L	5.25	112	50
5-203/3-S	NO. 6 (BWG) 3 WIRE	80, 130	S	6.75	187	50
5-238/3-W	NO. 4 (BWG) 3 WIRE	80, 130	W	7.50	270	50
5-203/3-S	1/4" (3 WIRE)	SM, HS	S	6.75	187	50
5-7/104-W	5/16" (3 WIRE)	SM	W	6	222	50
5-7/104-F92	5/16" (3 WIRE)	EHS	F92	8	656	10
5-7/120-G92•	3/8" (3 WIRE)	EHS	G92	10	1110	10
5-203/3-S	1/4" (7 WIRE)	SM	S	6.75	187	50
5-7/080-W	1/4" (7 WIRE)	HS, EHS	W	7.75	350	50
5-238/3-W	9/32" (7 WIRE)	SM	W	7.50	270	50
5-7/093-E82	9/32" (7 WIRE)	HS, EHS	E82	7	335	25
5-7/104-W	5/16" (7 WIRE)	SM	W	6	222	50
5-7/104-F92	5/16" (7 WIRE)	HS, EHS	F92	8	656	10
5-7/120-F62	3/8" (7 WIRE)	SM	F62	8	660	10
5-7/120-G92	3/8" (7 WIRE)	HS, EHS	G92	10	1110	10
5-7/145-G92	7/16" (7 WIRE)	SM	G92	10	910	10
5-7/145-J22•	7/16" (7 WIRE)	EHS	J22	12.50	1870	none
5-7/165-M32	1/2" (7 WIRE)	EHS	M32	14	3000	none

*Numerical designations stand for the KSI of metal
•RUS accepted

Splicing Sleeve for Stranded Aluminum Covered Steel (*Alumoweld*®) Conductor - Full Tension

SPECIFICATIONS
- Electrogalvanized seamless steel tubing
- Sleeves develop 100% of the rated breaking strength of the conductor
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
5-7/093-E82	3 NO. 8	E82	7	335	25
5-7/120-F62	3 NO. 6	F62	8	660	10
5-3/182-G92	3 NO. 5	G92	10	1100	10
5-7/080-W	7 NO. 12	W	8	350	50
5-7/093-E82	7 NO. 11	E82	7	335	25
5-7/104-F92	7 NO. 10	F92	8	656	10
5-7/120-F62	7 NO. 9	F62	8	660	10
5-3/182-G92	7 NO. 8	G92	10	1100	10
5-7/145-J22	7 NO. 7	J22	12.50	1870	none
5-7/165-M32	7 NO. 6	M32	14	3000	none

Splicing Sleeve for Stranded Aluminum Covered Steel (*Alumoweld*®) Type M Conductor - Full Tension

SPECIFICATIONS
- Electrogalvanized seamless steel tubing
- Sleeves develop 100% of the rated breaking strength of the conductor
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

STOCK NUMBER	CONDUCTOR SIZE	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
5-7/080-W	6M	W	8	350	50
5-7/093-E82	8M	E82	7	335	25
5-7/104-F92	10M	F92	8	656	10
5-7/120-F62	12.5M	F62	8	660	10
5-3/182-G92	16M	G92	10	1100	10

NICOPRESS: Electrical Power

Aluminum Splicing Sleeves – Full Tension

Electrical conductor splicing sleeves are designed to splice the following type of conductors: both solid and stranded aluminum and aluminum covered steel (*Alumoweld*®) conductor; ACSR, AAAC (6201-T81), and 5005. These full tension single piece sleeves are made of high conductivity seamless aluminum tubing and develop the maximum rated breaking strength of the conductor in conformance with ANSI C119.4 (where applicable). Each sleeve is marked with catalog stock number, conductor size, and installation tool groove.

Splicing Sleeves for Solid Aluminum Conductor - Full Tension

SPECIFICATIONS

- Seamless high conductivity aluminum tubing
- Sleeves develop 95% or more of rated breaking strength of the conductor in conformance with ANSI C119.4
- Treatment of inner bore with special coating to assure maximum holding strength
- Rolled center constriction conductor stop
- Wire brushing of conductor and use of splicing compound recommended

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
AL-8-SOL-J	8	J	2	12	100
AL-6-SOL-J	6	J	2.50	12.5	100
AL-4-SOL-M	4	M	2.75	19	100
AL-4-SOL-P	4	P	2.75	25.6	100
AL-4-SOL-X	4	X	2.75	41	50
AL-2-SOL-X	2	X	3.25	44	50

Splicing Sleeves for Stranded All Aluminum Conductor - Full Tension

SPECIFICATIONS

- Seamless high conductivity aluminum tubing
- Sleeves develop 95% or more of rated breaking strength of the conductor in conformance with ANSI C119.4
- Inner bore filled with special oxide inhibiting compound
- Solid staked center barrier
- Capped ends

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	AWG/KCM	STRANDING				
AL-6-STR-J	6	7 WIRE	J	2.50	14	100
AL-4-STR-M	4	7 WIRE	M	3.25	34	100
AL-4-STR-P	4	7 WIRE	P	2.75	32.5	100
AL-4-STR-X	4	7 WIRE	X	2.75	51	50
AL-2-STR-T	2	7,19 WIRE	T	3.25	42	50
AL-2-STR-X	2	7,19 WIRE	X	3.25	54	50
AL-1-STR-G33	1	7,19 WIRE	G33	6	185	25
AL-1/0-STR-PEACH	(1/0)	7,19 WIRE	PEACH	7	150	25
AL-1/0-STR-G33	(1/0)	7,19 WIRE	G33	7	205	25
AL-2/0-STR-G33	(2/0)	7,19,37 WIRE	G33	9	225	25
AL-3/0-STR-H54	(3/0)	7,19,37 WIRE	H54	10	400	25
AL-4/0-STR-H54	(4/0)	7,19,37 WIRE	H54	11	430	25
AL-250-75A	250	7,19,37,61 WIRE	75A	13	650	10
AL-266.8-75A	250	7,19,37,61 WIRE	75A	14	731	10
AL-266.8-75A	266.8	7,19 WIRE	75A	14	731	10
AL-300-76A	300	19,37,61 WIRE	76A	14	1100	10
AL-336.4-76A	336.4	19 WIRE	76A	15	1144	10
AL-350-76A	350	19,37,61 WIRE	76A	15	1169	10
AL-397.5-77A	397.5	19 WIRE	77A	15	1673	10
AL-477-77A	477	19,37 WIRE	77A	16	1681	10
AL-477-27AH	477	19,37 WIRE	27AH	16	2600	10
AL-600-27AH	600	37,61,91 WIRE	27AH	18	3300	10
AL-795-28	795	37,61 WIRE	28	19	3500	none
AL-795-28	800	61,91 WIRE	28	19	3500	none

NICOPRESS: Electrical Power

SPECIFICATIONS
- Seamless high conductivity aluminum tubing
- Sleeves develop 100% of the rated breaking strength of the conductor in conformance with ANSI C119.4
- Treatment of inner bore with special metallic coating to assure maximum holding strength
- Rolled center constriction conductor stop
- Wire brushing of conductor and use of splicing compound recommended

Splicing Sleeves for Solid Aluminum Covered Steel (*Alumoweld*®) Conductor

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
8-102 J	10	J	2.75	19	100
8-114 J	9	J	3.13	21	100
8-128 P	8	P	3.50	44	50
8-162 P	6	P	5	48	50

Splicing Sleeves for Stranded Aluminum Covered Steel (*Alumoweld*®) Conductor

STOCK NUMBER	STRAND SIZE	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
8-3/102 E5	3 NO. 10 (AWG)	E5	4.75	80	50

Splicing Sleeves for Stranded Aluminum Covered Steel (*Alumoweld*®) Type M Conductor

STOCK NUMBER	STRAND SIZE	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
8-3/102 E5	4M3	E5	4.75	80	50

Splicing Sleeves for ACSR, AAAC (6201-T81), and 5005 Stranded Conductor

SPECIFICATIONS
- Seamless high conductivity aluminum tubing
- Sleeves develop 95% or more of the rated breaking strength of the conductor in conformance with ANSI C119.4
- Inner bore filled with special oxide inhibiting compound
- Solid staked center barrier
- Capped ends

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	AWG/KCM*	ACSR				
661-M	6	(6/1)	M	9	84	25
661-P	6	(6/1)	P	9	104	25
467-ORANGE•	4	6/1, 7/1	ORANGE	14	272	25
261-PEACH•	2	(6/1)	PEACH	12	275	25
267-PLUM•	2	6/1, 7/1	PLUM	16	465	25
2281-PLUM	1	(6/1)	PLUM	16.5	506	25
1061-PLUM•	(1/0)	(6/1)	PLUM	16.5	433	25
2061-74A	(2/0)	(6/1)	74A	23	800	10
3061-75A	(3/0)	(6/1)	75A	20	1112	10
4061-76A	(4/0)	(6/1)	76A	25	1875	10

*Equivalent EC Grade Conductivity
•RUS accepted

ACSR Splicing Units – Full Tension

Aluminum splicing units are designed to splice ACSR conductor. Each splicing unit consists of two parts, an inner core wire splicing sleeve and a larger cover sleeve. The core sleeve is made from high strength galvanized seamless steel tubing and the outer cover sleeve is made from high conductivity seamless aluminum tubing. The larger aluminum cover sleeves have two filler holes with plugs which allow the injection of splicing compound prior to pressing. Two-piece units are designed to develop 95% of the rated breaking strength of the conductor in conformance with ANSI C119.4. Each Sleeve is marked with catalog stock number, conductor size, and installation tool groove for both the core and cover sleeve.

Splicing Units for ACSR Conductor - Full Tension (Unit Sleeves)

SPECIFICATIONS

- Inner core sleeve is made from electrogalvanized seamless steel tubing
- Outer cover sleeve is made from seamless high conductivity aluminum tubing
- Unit sleeves develop 95% or more of rated breaking strength of the conductor in conformance with ANSI C119.4
- Specially bonded inner bore coating in core sleeve only
- Rolled center constriction wire stop in core sleeve only
- Wire brushing of conductor and use of splicing compound recommended
- Catalog stock numbers, conductor size, and installation tool groove marked on sleeves. (These stock numbers describe a complete ACSR splicing unit. However, core and cover sleeves can be ordered separately by indicating the catalog stock number followed by the designation "core sleeve only" or "cover sleeve only.")

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	COVER		APPROX WT LBS/1000	STANDARD PACKAGE
	AWG/KCM*	STRANDING		COVER	CORE		
APPLE UNITS	6	(6/1)	APPLE**	10	2.25	124	25
GRAPE UNITS	5	(6/1)	APPLE**	10	2.25	110	25
ORANGE UNITS•	4	(6/1)	ORANGE**	12	3.75	263	25
TANGERINE UNITS•	4	(7/1)	ORANGE**	12	3.75	259	25
GRAPEFRUIT UNITS	3	(6/1)	ORANGE**	12	3.75	245	25
PEACH UNITS•	2	(6/1)	PEACH**	12	3.75	301	25
PEAR UNITS•	2	(7/1)	PEACH**	12	3.75	294	25
QUINCE UNITS	1	(6/1)	PEACH**	14	3.75	315	25
PLUM UNITS•	(1/0)	(6/1)	PLUM**	15.25	3.75	428	25
ASH UNITS•	(2/0)	(6/1)	74AS	16	4	617	10
ELM UNITS•	(3/0)	(6/1)	75AS	18.50	4.50	1132	10
MAPLE UNITS•	(4/0)	(6/1)	75AS	18.50	4.50	1023	10
CEDAR UNITS	266.8	(18/1)	76A, 74S	23	4.50	1776	10
OAK UNITS	266.8	(6/7)	76AS	22	6.50	1920	10
PINE UNITS•	266.8	26/7	76AS	22	6.50	1923	10
HICKORY UNITS	336.4	18/1	76A, 74S	23	4.75	1731	10
1775-E82-77A	336.4	26/7	E82, 77A	26	7	2835	none
2430-F62-77A	336.4	30/7	F62, 77A	26	7	3050	none
1776-F92-77A•	477	24/7, 26/7	F92, 77A	28	8	3056	none
1688-F92-27AH	605	24/7	F92, 27AH	29	8	4656	none
1689-J82-28	795	26/7	J82, 28	35	10	7200	none
2184-74S-28	795	36/1	74S, 28	35	4	5590	none
2185-E82-28	795	45/7	E82, 28	35	7	5840	none

*Equivalent EC Grade Conductivity
• RUS accepted

NICOPRESS: Electrical Power

Splicing Units for Extra High Strength ACSR Conductor - Full Tension (Unit Sleeves)

SPECIFICATIONS

- Inner core sleeve is made from electrogalvanized seamless steel tubing
- Outer cover sleeve is made from seamless high conductivity aluminum tubing
- Unit sleeves develop 95% or more of rated breaking strength of the conductor in conformance with ANSI C119.4
- Specially bonded inner bore coating in core sleeve only
- Rolled center constriction wire stop in core sleeve only
- Wire brushing of conductor and use of splicing compound recommended
- Catalog stock numbers, conductor size, and installation tool groove marked on sleeves. (These stock numbers describe a complete ACSR splicing unit. However, core and cover sleeves can be ordered separately by indicating the catalog stock number followed by the designation "core sleeve only" or "cover sleeve only.")

STOCK NUMBER	KCM*		TOOL GROOVE	LENGTH INCHES		APPROX WT LBS/1000	STANDARD PACKAGE
	KCM*	STRANDING		COVER	CORE		
1769-75AS-74AS	80	(8/1)	75AS, 74AS	17.50	4.50	792	none
1777-E82-76A**	101.8	(12/7)	E82, 76A	26	7	2332	none
1777-E82-76A**	110.8	(12/7)	E82, 76A	26	7	2332	none
1778-F92-76A	134.6	(12/7)	F92, 76A	26	8	2390	none

*Equivalent EC Grade Conductivity
**Two filler sleeves are provided with this sleeve

Aluminum Splicing Sleeves and Units – Partial Tension

These partial tension sleeves and units are designed to splice the neutral of self-supporting service drop cables (triplex) and short span overhead distribution lines. There are two types of these sleeves. The single piece sleeve is made of high conductivity seamless aluminum tubing. The two-piece unit consists of an inner core wire splicing sleeve and a larger cover sleeve. The core sleeve is made from high strength galvanized seamless steel tubing and the cover sleeve is made from high conductivity seamless aluminum tubing. Each sleeve is marked with catalog stock number, conductor size, and installation tool groove.

Splicing Sleeves for ACSR Conductor - Partial Tension

SPECIFICATIONS

- Seamless high conductivity aluminum tubing
- Sleeves develop partial tension requirements in conformance with ANSI C119.4
- Inner bore filled with special oxide inhibiting compound
- Solid staked center barrier
- Capped ends

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE	APPROX HOLDING STRENGTH LBS
	AWG*	STRANDING					
1706-P	6	(6/1)	P	3.25	40	50	700
1704-P	4	6/1, 7/1	P	3.25	36	50	900
1702-X	2	(6/1)	X	3.25	54	50	1000

*Equivalent EC Grade Conductivity

Splicing Units for ACSR Neutral of Service Drop - Partial Tension

SPECIFICATIONS

- Inner core sleeve is made from electrogalvanized seamless steel tubing
- Sleeves develop partial tension requirements in conformance with ANSI C119.4
- Outer cover sleeve is made from seamless high conductivity aluminum tubing
- Specially bonded inner bore coating in core sleeve only
- Rolled center constriction wire stop in core sleeve only
- Wire brushing of conductor and use of splicing compound recommended
- Catalog stock numbers, conductor size, and installation tool groove marked on sleeves. (These stock numbers describe a complete ACSR splicing unit. However, core and cover sleeves can be ordered separately by indicating the catalog stock number followed by the designation “core sleeve only” or “cover sleeve only.”)

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	LENGTH INCHES		APPROX WT LBS/1000	STANDARD PACKAGE	APPROX HOLDING STRENGTH LBS
	AWG*	STRANDING		COVER	CORE			
6610-APPLE	6	(6/1)	APPLE**	5.50	1.50	66	50	1000
4610-ORANGE	4	(6/1)	ORANGE**	7	2	150	25	1500
2610-PEACH	2	(6/1)	PEACH**	7	2.50	180	25	2100

*Equivalent EC Grade Conductivity
**Tool has two pressing grooves: one to press cover sleeve and another to press core sleeve

NICOPRESS: Electrical Power

Aluminum Jumper (Loop) Splicing Sleeves

Nicopress® jumper sleeves are designed for the loop splicing of both solid and stranded conductor. These partial tension sleeves are made of high conductivity seamless aluminum tubing and meet the Class II requirements of ANSI C119.4. Each capped sleeve is marked with catalog stock number, conductor size and installation tool groove.

Jumper (Loop) Sleeves for Stranded All Aluminum Conductor (Concentric, Compressed, and Compact) - Partial Tension

SPECIFICATIONS

- Seamless high conductivity aluminum tubing
- Sleeves develop Class II Partial Tension Requirements in conformance with ANSI C119.4
- Inner bore filled with special oxide inhibiting compound
- Solid staked center barrier
- Capped ends

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	AWG/KCM	STRANDING				
JU-2-STR-AL-X	2	7, 19	X	2	26	50
JU-2-STR-AL-PEACH	2	7, 19	PEACH	2	50	50
JU-2-ACSR-PEACH	1	7, 19	PEACH	5	117	25
JU-2-ACSR-PLUM	1	7, 19	PLUM	5	150	25
JU-1/0-AL-G33	(1/0)	7, 19	G33	5	152	25
JU-2/0-AL-PEACH	(2/0)	7, 19, 37	PEACH	7	121	25
JU-2/0-AL-G33	(2/0)	7, 19, 37	G33	7	195	25
JU-3/0-AL-H54	(3/0)	7, 19, 37	H54	7	281	10
JU-4/0-AL-H54	(4/0)	7, 19, 37	H54	8	297	10
JU-250-AL-75A	250	7, 19, 37,61	75A	8	420	10
JU-266.8-AL-75A	266.8	7, 19	75A	9	450	10
JU-266.8-18/1-76A	300	19, 37, 61	76A	9	719	10
JU-300-AL-76A	300	19, 37, 61	76A	9	600	10
JU-266.8-6/7,26/7-76A	336.4	19	76A	9	710	10
JU-336.4-AL-76A	336.4	19	76A	9	740	10
JU-350-AL-76A	350	19, 37, 61	76A	9	680	10
JU-397.5-AL-77A	397.5	19	77A	10	1062	10
2293-77A	636	37	77A	11.50	840	none
JU-795-AL-28	795	37, 61	28	12.50	2250	none
JU-795-26/7-28	795	37, 61	28	13	2322	none

Jumper (Loop) Sleeves for ACSR, AAAC (6201-T81), and 5005 Stranded Conductor (Concentric, Compressed, Compact) - Partial Tension

SPECIFICATIONS

- Seamless high conductivity aluminum tubing
- Sleeves develop Class II Partial Tension Requirements in conformance with ANSI C119.4
- Inner bore filled with special oxide inhibiting compound
- Solid staked center barrier
- Capped ends

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	AWG/KCM*	STRANDING				
AL-4-STR-M	6	6/1 Compresto	M	3.25	34	100
JU-4-ACSR-ORANGE	4	6/1, 7/1	ORANGE	5	99	50
JU-2-ACSR-PEACH	2	6/1, 7/1	PEACH	5	117	25
JU-2-ACSR-PLUM	2	6/1, 7/1	PLUM	5	150	25
JU-1-ACSR-PEACH	1	(6/1)	PEACH	5	110	25
JU-1/0-ACSR-PLUM	(1/0)	(6/1)	PLUM	5	132	25
JU-2/0-ACSR-74A	(2/0)	(6/1)	74A	7	270	10
JU-3/0-ACSR-75A	(3/0)	(6/1)	75A	8	500	10
JU-4/0-ACSR-75A	(4/0)	(6/1)	75A	8	475	10
JU-266.8-18/1-76A	266.8	18/1	76A	9	719	10
JU-266.8-6/7,26/7-76A	266.8	6/7, 26/7	76A	9	710	10
JU-336.4-AL-76A	266.8	6/7, 26/7	76A	9	740	10
JU-336.4-18/1-76A	336.4	18/1	76A	11	870	10
JU-336.4-26/7,30/7-75A	336.4	26/7, 30/7	76A	11	860	10
JU-336.4-26/7,30/7-76A	336.4	26/7, 30/7	76A	11	781	10
JU-336.4-26/7,30/7-77A	336.4	26/7, 30/7	77A	10	1100	10
JU-477-24/7,26/7,30/7-77A	477	24/7, 26/7, 30/7	77A	10	925	10
JU-477-24/7,26/7,30/7-27AH	477	24/7, 26/7, 30/7	27AH	10	1660	10
JU-605-24/7,26/7-27AH	605	24/7, 26/7	27AH	12	2310	none
JU-795-26/7-27AH	795	26/7	27AH	16	1794	none
JU-795-26/7-28	795	26/7	28	13	2322	none

*Equivalent EC Grade Conductivity

Jumper (Loop) Sleeves for Extra High Strength ACSR Conductor - Partial Tension

SPECIFICATIONS

Refer to Stranded Aluminum Conductor (Cocentric, Compressed and Compact) Splicing Sleeves, above

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	KCM*	STRANDING				
JU-80-8/1-PLUM	80	(8/1)	PLUM	8	205	25
JU-80-8/1-74A	80	(8/1)	74A	6	250	20
JU-101.8-12/7-74A	101.8	(12/7)	74A	6	220	20
JU-101.8-12/7-76A	101.8	(12/7)	76A	6	562	10
JU-134.6-12/7-75A	134.6	(12/7)	75A	6.50	362	10
JU-134.6-12/7-76A	134.6	(12/7)	76A	6.50	593	10

*Equivalent EC Grade Conductivity

NICOPRESS: Electrical Power

Reducing Sleeves

Nicopress® reducing sleeves are used when it's necessary to splice two wires of different sizes. A broad range of sizes are manufactured for copper, copper covered steel, aluminum and galvanized steel wires, also combinations thereof.

Nicopress® reducing sleeves are designed for jumper splicing applications involving the joining of two different size conductors. Both ends of these sleeves are pressed in the same tool groove. Reducing sleeves are made of high conductivity seamless metal tubing with a specially bonded inner bore coating. Each sleeve is marked with catalog stock number, conductor size, and installation tool groove.

SPECIFICATIONS
- Seamless high conductivity copper tubing
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

Reducing Sleeves for Solid Copper and Solid Copper Covered Steel (*Copperweld*®) Conductor

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
1-102 X 080-J	10	12	J	1.75	38	100
1-114 X 102-J	9	10	J	2.50	52	100
1-128 X 080-J 2"	8	12	J	2	37	100
1-128 X 102-J	8	10	J	2.50	51	100
1-128 X 114-J	8	9	J	2.50	50	100
1-162 X 080-J 2"	6	12	J	2	34	100
1-162 X 102-J	6	10	J	2.50	48	100
1-162 X 114-J	6	9	J	2.50	47	100
1-162 X 128-J	6	8	J	2	36	100
1-162 X 128-M	6	8	M	3	88	100
1-162 X 128-P	6	8	P	3.50	135	50
1-182 X 162-P	5	6	P	3	107	100
1-204 X 128-M	4	8	M	3	81	100
1-204 X 128-P	4	8	P	3.50	128	100
1-204 X 162-M	4	6	M	2.25	57	100
1-204 X 162-P	4	6	P	3	104	50
1-204 X 162-X	4	6	X	3.75	199	50
1-229 X 162-P	3	6	P	3	99	50
1-258 X 162-X	2	6	X	3.75	186	50
1-258 X 204-T	2	4	T	3	119	50
1-258 X 204-X	2	4	X	2.50	122	50
1-258 X 229-T	2	3	T	3	114	50

Reducing Sleeves for Stranded Copper to Stranded Copper Conductor

SPECIFICATIONS Refer to Reducing Sleeves, p 18

STOCK NUMBER	CONDUCTOR SIZE (AWG) FROM	TO	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-162/7 X 128/7-J	6 (7 WIRE)	8 (WIRE)	J	2	32	100
1-204/7 X 162/7-P	4 (7 WIRE)	6 (7 WIRE)	P	2.75	87	50
1-258/7 X 162/7-T	2 (7 WIRE)	6 (7 WIRE)	T	3	130	50
1-258/7 X 162/7-X	2 (7 WIRE)	6 (7 WIRE)	X	3.75	172	50
1-258/3 X 162/7-X	2 (3 WIRE)	6 (7 WIRE)	X	3.75	162	50
1-258/7 X 204/7-T	2 (7 WIRE)	4 (7 WIRE)	T	3	120	50
1-258/7 X 204/7-X	2 (7 WIRE)	4 (7 WIRE)	X	2.50	119	50
1-258/3 X 204/7-X	2 (3 WIRE)	4 (7 WIRE)	X	2.50	113	50
1-258/3 X 258/7-X	2 (3 WIRE)	2 (7 WIRE)	X	3	117	50
1-258/3 X 162/7-X	1 (7 WIRE)	6 (7 WIRE)	X	3.75	162	50
1-258/3 X 204/7-X	1 (7 WIRE)	4 (7 WIRE)	X	2.50	113	50
1-258/3-X	2 (3 WIRE)	1 (7 WIRE)	X	3.75	152	50
1-258/3 X 258/7-X	1 (7 WIRE)	2 (7 WIRE)	X	3	117	50

Reducing Sleeves for Stranded Copper to Solid Copper and Solid Copper Covered Steel (*Copperweld*®) Conductor

SPECIFICATIONS Refer to Reducing Sleeves, p 18

STOCK NUMBER	CONDUCTOR SIZE (AWG) FROM	TO	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-128/7 X 102-J	8 (7 WIRE)	10	J	2.50	49	100
1-128/7 X 114-J	8 (7 WIRE)	9	J	2.50	49	100
1-128/7 X 128-J	8 (7 WIRE)	8	J	2	38	100
1-162 X 128/7-J	8 (7 WIRE)	6	J	2	34	100
1-162/7 X 102-J	6 (7 WIRE)	10	J	2.50	45	100
1-162/7 X 114-J	6 (7 WIRE)	9	J	2.50	44	100
1-162/7 X 128-J	6 (7 WIRE)	8	J	2	34	100
1-162/7 X 162-J	6 (7 WIRE)	6	J	2.25	33	100
1-204/7 X 128-P	4 (7 WIRE)	8	P	3.50	122	50
1-204/7 X 162-M	4 (7 WIRE)	6	M	2.25	53	100
1-204/7 X 162-P	4 (7 WIRE)	6	P	3	98	50
1-204/7 X 182-P	4 (7 WIRE)	5	P	2.75	88	50
1-204/7 X 204-M	4 (7 WIRE)	4	M	2.75	59	100
1-204/7 X 204-P	4 (7 WIRE)	4	P	2.75	79	100
1-204/7 X 204-X	4 (7 WIRE)	4	X	2.50	126	50
1-258 X 204/7-X	4 (7 WIRE)	2	X	2.50	126	50
1-258/7 X 162-T	2 (7 WIRE)	6	T	3	134	50
1-258/7 X 162-X	2 (7 WIRE)	6	X	3.75	175	50
1-258/3 X 162-X	2 (3 WIRE)	6	X	3.75	166	50
1-258/7 X 182-X	2 (7 WIRE)	5	X	3.75	197	50
1-258/7 X 204-X	2 (7 WIRE)	4	X	2.50	116	50
1-258/3 X 204-X	2 (3 WIRE)	4	X	2.50	108	50
1-258/7 X 258-T	2 (7 WIRE)	2	T	3	101	50
1-258/7 X 258-X	2 (7 WIRE)	2	X	3	129	50
1-258/3 X 258-X	2 (3 WIRE)	2	X	3	120	50
1-258/3 X 162-X	1 (7 WIRE)	6	X	3.75	166	50
1-289/7 X 182-X	1 (7 WIRE)	5	X	3.75	186	50
1-258/3 X 204-X	1 (7 WIRE)	4	X	2.50	108	50
1-258/3 X 258-X	1 (7 WIRE)	2	X	3	120	50
1-325/7 X 289/7-E8	1/0 (7,19 WIRE)	1/0	E8	5	212	25
1-365/7 X 365-F6	2/0 (7,19 WIRE)	(2/0)	F6	7.25	430	25

NICOPRESS: Electrical Power

SPECIFICATIONS
- Seamless high conductivity copper tubing
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

Reducing Sleeves for Copper Covered Steel (*Copperweld*®) Copper Composite to Copper Covered Steel (*Copperweld*®) Copper Composite Conductor

STOCK NUMBER	CONDUCTOR SIZE (AWG) FROM	TO	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-6A X 8A-P	6A	8A	P	5	162	50
1-6A X 8A-P	6C	8A	P	5	162	50

Reducing Sleeves for Solid Galvanized Steel to Solid Copper and Copper Covered Steel (*Copperweld*®) Conductor

STOCK NUMBER	CONDUCTOR SIZE (AWG) FROM	TO	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
2-165 X 102-J	8	10	J	2.25	44	100
2-165 X 114-J	8	9	J	2.25	43	100
2-165 X 128-J	8	8	J	2.25	42	100
2-203 X 102-M	6	10	M	2.50	69	100
2-203 X 128-M	6	8	M	2.50	68	100

Note: Reducing sleeves used to splice Galvanized Steel Conductor are Electrogalvanized Copper

Reducing Sleeves for Stranded Galvanized Steel to Solid Copper Wire

STOCK NUMBER	CONDUCTOR SIZE (AWG) FROM	TO	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
643-2	5/16" (3 Wire)	2 (AWG)	X	4	183	25
643-2	5/16" (3 Wire)	1/4"	X	4	183	25

Note: Reducing sleeves used to splice Galvanized Steel Conductor are Electrogalvanized Copper

Repair Sleeves – Full Tension

Nicopress® repair sleeves (tubular type) are for use on solid conductors to replace defective twist splices without changing the sag of the line. The practice of using a short piece of conductor and two splicing sleeves is eliminated by using the single repair sleeve which is long enough to span the gap made when cutting out the defective splice.

Nicopress® tubular repair sleeves are designed to reclaim and repair defective sections of power conductor. By removing the damaged section of conductor and splicing in a Nicopress® repair sleeve, the line wire can be repaired without changing the sag. The re-splicing of an old line wire with Nicopress® repair sleeves will eliminate noisy lines, weak signals, and poor transmission. These full tension splices are designed to develop 95% or more of the rated breaking strength of the conductor and are made of high conductivity seamless metal tubing with special metallic inner bore coating. Each sleeve is marked with catalog stock number, conductor size, and installation tool groove.

Repair Sleeves for Solid Copper Conductor

SPECIFICATIONS
- Seamless high conductivity tubing
- Sleeves develop 95% or more of the rated breaking strength of the conductor in conformance with ANSI C119.4
- Treatment of inner bore with special metallic coating
- Offset rolled center constriction conductor stop at one end

STOCK NUMBER	SIZE CONDUCTOR (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
R1-128 J	8	J	8.50	160	50
R1-128 J	6	J	10	158	50

Repair Sleeves for Solid Galvanized Steel "BB" Conductor**

SPECIFICATIONS
- Seamless high conductivity tubing
- Sleeves develop 95% or more of the rated breaking strength of the conductor in conformance with ANSI C119.4
- Treatment of inner bore with special metallic coating
- Offset rolled center constriction conductor stop at one end

STOCK NUMBER	CONDUCTOR SIZE (BWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
R2-165 J	8	J	10	158	50

**BB stands for Best Best wire grade per ASTM standard A-111
Note: Repair sleeves used to splice Galvanized Steel Conductor are Electrogalvanized Copper

NICOPRESS: Electrical Power

Split Repair Sleeves – Full Tension

Nicopress® repair sleeves (split type) are for use on stranded conductors when some of the strands are damaged or broken. The installation restores the strength and conductivity of the conductor and the split feature eliminates any necessity of cutting and re-splicing the line. The repair sleeve also is used as a seat for hot-line clamps.

Nicopress® split repair sleeves are split their entire length so they can be slipped over damaged or broken wire sections of conductors. Installation of split repair sleeves restores the original conductivity of the conductor and 95% of the breaking strength of the conductor. This is true even when one third of the conductor wires are broken. These sleeves are made of high conductivity metal and may be used as a seat for hot line clamps. Each sleeve is marked with a catalog number, conductor size, and installation tool groove.

SPECIFICATIONS

- High conductivity extruded copper and copper alloy
- Sleeves develop 95% or more of the rated breaking strength of the conductor
- Inner surfaces specially coated to assure optimum holding strength

Split Repair Sleeves for Stranded Copper Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE		LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	AWG	STRANDING			
R1-410/7 G9	3/0	7, 19	7.25	689	10
R1-460/7 H5	4/0	7, 19	7.25	800	10

Split Repair Sleeves for Stranded Copper Covered Steel (*Copperweld*®) Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
R1-3/081-P	3 NO. 12 (AWG)	P	4	133	25

Split Repair Sleeves for Copper Covered Steel (*Copperweld*®) Copper Composite Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
R1-8A-P	8A	P	4	135	50
R1-6A-P	7A	P	4	120	50
R1-6A-P	6A	P	4	120	50
R1-4A-X	4A	X	5.75	263	50
R3-2A-F6	2A	F6	7	404	50
R1-3/081-P	8C	P	4	133	50
R1-6A-P	6C	P	4	120	50
R1-3/081-P	9-1/2" D	P	4	133	50
R1-6A-P	8D	P	4	120	50

Split Repair Sleeves for Stranded All Aluminum Conductor - Full Tension

SPECIFICATIONS Refer to Split Repair Sleeves, p 22

STOCK NUMBER	CONDUCTOR SIZE (AWG)		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	AWG/KCM	STRANDING				
AR-2-1-PEACH	(1/0)	7	PEACH	12	231	25
AR-1/0-PLUM	(2/0)	7, 19	PLUM	12	272	25
AR-4/0-75A	(4/0)	19	75A	12	550	10
AR-266.8-76A	336.4	19	76AS	12	675	10
AR-336.4-76A	336.4	19	76AS	12	675	10
AR-266.8-76A	350	19, 37, 61	76AS	12	675	10
AR-336.4-76A	350	19, 37, 61	76AS	12	675	10

Split Repair Sleeves for ACSR, AAAC (6201-T81), and 5005 Conductor - Full Tension

SPECIFICATIONS Refer to Split Repair Sleeves, p 22

STOCK NUMBER	CONDUCTOR SIZE (AWG)		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	AWG/KCM*	STRANDING				
AR-6-5-APPLE	8	(6/1)	APPLE	12	104	50
AR-6-5-APPLE	6	(6/1)	APPLE OR P	12	104	50
AR-6-5-APPLE	5	(6/1)	APPLE OR P	12	104	50
AR-4-3-ORANGE	4	6/1, 7/1	ORANGE	12	200	25
AR-4-3-ORANGE	3	(6/1)	ORANGE	12	200	25
AR-2-1-PEACH	2	6/1, 7/1	PEACH	12	231	25
AR-2-1-PLUM	2	6/1, 7/1	PLUM	12	265	25
AR-2-1-PEACH	1	(6/1)	PEACH	12	231	25
AR-2-1-PLUM	1	(6/1)	PLUM	12	265	25
AR-1/0-PLUM	(1/0)	(6/1)	PLUM	12	272	25
AR-2/0-74A	(2/0)	(6/1)	74AS	12	400	20
AR-3/0-75A	(3/0)	(6/1)	75AS	12	610	10
AR-4/0-75A	(4/0)	(6/1)	75AS	12	550	10
AR-266.8-76A	266.8	18/1, 6/7, 26/7	76AS	12	675	10
AR-336.4-76A	300	26/7	76AS	12	375	10
AR-336.4-76A	336.4	18/1	76AS	12	675	10

*Equivalent EC Grade Conductivity

NICOPRESS: Electrical Power

Nicotap® Sleeves

Nicotap® sleeves are designed to tap into the main conductor without cutting the conductor. Nicotap® sleeves are first attached to the tap wire, and following this, the open end of the Nicotap® sleeve is pressed onto the line conductor using standard Nicopress® tools. Nicotap® sleeves assure the uninterrupted conductivity of the line conductor while providing excellent electrical tap. These sleeves are made of high conductivity copper with a specially bonded inner bore coating.

SPECIFICATIONS
- High conductivity copper
- Inner surfaces specially coated to assure optimum holding strength

Nicotap® Sleeves for Solid Copper and Copper Covered Steel (*Copperweld*®) Conductor

STOCK NUMBER	CONDUCTOR SIZE (AWG)		TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
	LINE	TAP			
T1-128 X 102-J	8	10	J	63	50
T1-128 X 114-J	8	9	J	63	50
T1-128-J	8	8	J	60	50
T1-162 X 102-J	6	10	J	64	50
T1-162 X 114-J	6	9	J	56	50
T1-162 X 128-J	6	8	J	63	50
T1-162-J	6	6	J	53	50
T1-204 X 128-P	4	8	P	129	25
T1-204 X 162-P	4	6	P	128	25
T1-204-P	4	4	P	120	25

Nicotap® Sleeves for Stranded Copper and Copper Covered Steel (*Copperweld*®) Conductor

STOCK NUMBER	CONDUCTOR SIZE (AWG)		TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
	LINE	TAP			
T1-204/7 X 128-P	4 (7 WIRE)	8 SOLID	P	129	25
T1-204/7 X 162-P	4 (7 WIRE)	6 SOLID	P	128	25
T1-204/7-P	4 (7 WIRE)	4 SOLID	P	120	25
T1-204/7-P	4 (7 WIRE)	4 (7 WIRE)	P	120	25

Nicotap® Sleeves for Solid Galvanized Steel Conductor to Solid Copper and Copper Covered Steel (*Copperweld*®) Conductor

STOCK NUMBER	CONDUCTOR SIZE (AWG)		TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
	LINE (BWG)	TAP (AWG)			
T2-165 X 080-J	8	12	J	57	50
T2-165-J	8	6	J	53	50

Note: Nicotap® sleeves used to splice Galvanized Steel Conductors are Electrogalvanized Copper

Offset Dead-End Sleeves – Full Tension

Full tension offset dead-end assemblies are used to terminate conductors on pin, knob, spool or strain insulators. This sleeve is designed to allow the fabrication of a loop of any desired size for connecting to dead-end fixtures using standard Nicopress® tools. It also permits the feed through of a tail of conductor which can be spliced to other conductors. This Nicopress® sleeve is made of high strength seamless metal tubing with specially bonded inner bore coating. Each sleeve is marked with catalog stock number, and installation tool groove.

SPECIFICATIONS
- Seamless copper alloy
- Specially bonded inner bore coating

Offset Dead-End Sleeves for Solid Copper Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
91-128-J•	8	J	54	100
91-162-J	6	J	41	100
91-204-M	4	M	87	50
91-204-P•	4	P	114	50
91-229-P	3	P	113	50
91-258-T	2	T	155	50
91-258-X	2	X	244	50

•RUS accepted

Offset Dead-End Sleeves for Stranded Copper Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
91-128/7-J	8 (7 WIRE)	J	45	100
91-162/7-J	6 (7 WIRE)	J	39	100
91-204/7-M	4 (7 WIRE)	M	72	50
91-204/7-P	4 (7 WIRE)	P	128	50
91-258-T	4 (3 WIRE)	T	155	50
91-258-X	4 (3 WIRE)	X	244	50
91-258/7-X	2 (7 WIRE)	X	200	50
91-258/3-X	2 (3 WIRE)	X	216	25
91-258/3-X	1 (7 WIRE)	X	216	25

Offset Dead-End Sleeves for Solid Copper Covered Steel (*Copperweld*®) Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
91-128-J	8	J	54	100
91-128-M	8	M	99	50
91-128-P	8	P	188	50
91-162-P	6	P	133	50

NICOPRESS: Electrical Power

SPECIFICATIONS
- Seamless copper alloy
- Specially bonded inner bore coating

Offset Dead-End Sleeves for Stranded Copper Covered Steel (*Copperweld*®) Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
91-3/081-M	3 NO. 12 AWG	M	102	50
91-3/081-P	3 NO. 12 AWG	P	160	50
91-204/7-P	3 NO. 10 AWG	P	128	50
91-4A-X	3 NO. 8 AWG	X	260	25
91-3/128-E8	3 NO. 8 AWG	E8	359	25

Offset Dead-End Sleeves for Copper Covered Steel (*Copperweld*®) Copper Composite Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
91-8A-P•	8A	P	173	50
91-6A-P•	6A	P	162	50
91-6A-X	6A	X	287	25
91-4A-X	4A	X	260	25
91-3/081-M	8C	M	102	50
91-3/081-P	8C	P	160	50
91-6A-P	6C	P	162	50
91-3/081-M	9-1/2D	M	102	50
91-3/081-P	9-1/2D	P	160	50
91-6A-P	8D	P	162	50

•RUS accepted

Offset Dead-End Sleeves for Solid Galvanized Steel "BB" Conductor - Full Tension**

STOCK NUMBER	CONDUCTOR (AWG)		TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
	SIZE	GRADE			
92-165-J	8	BB	J	41	100
92-203-M	6	BB	M	87	50

**BB stands for Best Best wire grade per ASTM standard A-111

Suspension Dead-End Sleeves (Clevis Type) – Full Tension

Nicopress® suspension dead-ends are for use in dead-ending conductors on suspension insulators or on neutral-wire eye-bolts. The conductor feeds straight through. This fact, plus the unique design, not only insures a full-strength dead-end, but one that also has remarkable resistance to vibration fatigue. The design also permits a tail of any length where needed for connecting to other lines or apparatus.

Nicopress® suspension dead-end sleeves are designed for the termination of conductors on suspension insulators or on neutral wire eye bolts using standard Nicopress® tools. A tail of conductor may be fed thru this sleeve. This feed-thru design permits any desired length of conductor to be spliced to other lines or fixtures. These full tension sleeves are made of high strength seamless metal tubing with a specially bonded inner bore coating. The clevis and pin are made of hot dipped galvanized steel. Each sleeve is marked with catalog stock number, conductor size, and installation tool groove.

SPECIFICATIONS
- Seamless copper and copper alloy tubing
- Sleeves develop 95% or more of the rated breaking strength of the conductor
- Specially bonded inner bore coating

Suspension Dead-Ends (Clevis Type) for Solid Copper Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
71-162-J•	6	J	418	50
71-204-M	4	M	443	50
71-204-P•	4	P	447	50
71-258-T	2	T	505	50
71-258-X	2	X	534	50

•RUS accepted

Suspension Dead-Ends (Clevis Type) for Stranded Copper Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
71-204-M	6 (3 WIRE)	M	443	50
71-204-P	6 (3 WIRE)	P	447	50
71-204/7-M	4 (7 & 19 WIRE)	M	435	50
71-258-T	4 (3 WIRE)	T	505	50
71-258-X	4 (3 WIRE)	X	534	50
71-258/7-T	2 (7 & 19 WIRE)	T	491	50
71-258/7-X	2 (7 & 19 WIRE)	X	520	50
71-258/3-X•	2 (3 WIRE)	X	506	50
71-258/3-X	1 (7 WIRE)	X	506	50

•RUS accepted

NICOPRESS: Electrical Power

SPECIFICATIONS
- Seamless copper and copper alloy tubing
- Sleeves develop 95% or more of the rated breaking strength of the conductor
- Specially bonded inner bore coating

Suspension Dead-Ends (Clevis Type) for Solid Copper Covered Steel (*Copperweld*®) Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
71-128-M	8	M	467	50
71-128-P	8	P	554	50
71-162-P	6	P	502	50
71-204-X	4	X	702	50

Suspension Dead-Ends (Clevis Type) for Stranded Copper Covered Steel (*Copperweld*®) Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
71-3/081-M	3 NO. 12 AWG	M	485	50
71-3/081-P	3 NO. 12 AWG	P	498	50
73-3/102-P	3 NO. 10 AWG	P	519	50

Suspension Dead-Ends (Clevis Type) for Copper Covered Steel (*Copperweld*®) Copper Composite Conductor - Full Tension

STOCK NUMBER	CONDUCTOR SIZE	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
71-8A-P•	8A	P	490	50
71-6A-P•	6A	P	494	50
71-4A-X	4A	X	554	50
71-3/081-M	8C	M	485	50
71-3/081-P	8C	P	498	50
71-6A-P	6C	P	494	50
71-3/081-M	9-1/2D	M	485	50
71-3/081-P	9-1/2D	P	498	50
73-8D-P	8D	P	463	50

•RUS accepted

Suspension Dead-Ends (Clevis Type) for Type SCP and SCG Amerductor - Full Tension*

SPECIFICATIONS Refer to Suspension Dead-End (Clevis Type - Full Tension) Sleeve, p 28

STOCK NUMBER	CONDUCTOR SIZE (AWG)	TOOL GROOVE**	APPROX WT LBS/1000	STANDARD PACKAGE
72-12SC-P	12	P	566	50
72-8SC-P	8	P	434	50
72-6SC-E5	6	E5	547	50
74-4SC-E5	4	E5	770	50

*SCP stands for Amerductor construction steel copper plain; SCG stands for Ameriductor construction steel copper galvanized
**These sleeves must be pressed with No. 3-E5P tool or No. 635 hydraulic tool die
Note: Suspension Dead-End Sleeves used with Galvanized Steel Conductor are Electrogalvanized copper or copper alloy

Suspension Dead-Ends (Clevis Type) for Solid Galvanized Steel Conductor - Full Tension

SPECIFICATIONS
- Electrogalvanized seamless steel tubing
- Sleeves develop 100% of the rated breaking strength of the conductor
- Specially bonded inner bore coating

STOCK NUMBER	CONDUCTOR SIZE		TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
	(BWG)	GRADE*			
75-165-L	8	80, 130	L	456	50
75-203-S	6	80, 130	S	487	50

*Numerical designations stand for KSI of metal

Suspension Dead-Ends (Clevis Type) for Stranded Galvanized Steel Conductor - Full Tension

SPECIFICATIONS Refer to Solid Galvanized Steel Conductor Suspension Dead-Ends (Clevis Type), above

STOCK NUMBER	CONDUCTOR SIZE (BWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
75-165/3-L*	8 (3 WIRE)	L	454	50
75-203/3-S*	6 (3 WIRE)	S	505	50
75-238/3-W*	4 (3 WIRE)	W	681	50

*Both 80 and 130 KSI steel

Suspension Dead-Ends (Clevis Type) for Stranded Aluminum Covered Steel (*Alumoweld*®) Conductor - Full Tension

SPECIFICATIONS
- Seamless aluminum tubing
- Sleeves develop 100% of the rated breaking strength of the conductor
- Treatment of inner bore with special metallic coating

STOCK NUMBER	CONDUCTOR SIZE	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
78-3/102-E5	3 NO. 10 (AWG)	E5	433	50

NICOPRESS: Electrical Power

Solder Sweated Split Tinned Copper Connectors

Split tinned sleeves are used for the non-tension solder splicing of underground power cable. These sleeves are designed for use with concentric, compact, or sector compact cables. Tin coated copper material and split design facilitate easy soldering and a good flow of solder into the splice. Smoothly rounded edges assure the uniform distribution of electrostatic stresses.

Solder Sweated Split Tinned Copper Connectors for Splicing Underground Power Conductor

SPECIFICATIONS

• Seamless high conductivity aluminum tubing • Specially bonded inner bore coating • Rolled center constriction conductor stop

STOCK NUMBER	CONDUCTOR TYPE & SIZE (KCM/AWG)				NOMINAL INSIDE DIAMETER - INCHES	LENGTH - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	SOLID WIRE	ROUND CONCENTRIC	ROUND COMPACT	SECTOR OR SECTOR COMPACT				
325	12	13			0.086	1.50	7	100
325A	11	12			0.096	1.50	5	100
326	10	11			0.107	1.50	5	100
327	9	10			0.119	1.50	5	100
328	8	9			0.134	1.50	6	100
328A	7	8			0.151	1.50	6	100
328C	6	7			0.169	1.50	7	100
330	5	6			189	1.50	10	100
332	4	5			0.211	2	13	100
334	3	4			0.237	2	21	100
336	2	3			0.265	2	28	100
337	1	2			0.297	2	33	100
338	(1/0)	1	(1/0)		0.341	2	41	100
339	(2/0)	(1/0)	(2/0)	(1/0)	0.382	2	51	50
340	(3/0)	(]2/0)	(3/0)	(2/0)	0.428	2	65	50
341	(4/0)	(3/0)	(4/0)	(3/0)	0.481	2	83	50
342		(4/0)	250	(4/0)	0.533	2.50	136	50
344		250	300	250	0.581	2.50	150	50
345		300	350	300	0.635	2.50	183	50
346		350	400	350	0.69	2.50	217	25
347		400	500		0.74	3	292	25
348		450	550	400	0.784	3	328	25
349		500	600	450	0.826	3	356	25
350		550	650	500	0.868	3	379	none
351		600	700	550	0.906	3.50	496	none
352		650	750	600	0.948	3.50	545	none
353		700	800	650	0.983	3.50	580	none
354		750	900	700	1.018	3.50	604	none
355		800	950	750	1.052	4	752	none
356		850	1000	800	1.083	4	791	none
357		900			1.115	4	816	none
358		950			1.145	4	787	none
359		1000			1.175	4.50	1052	none
360		1250			1.32	4.50	1388	none
361		1500			1.44	5	1709	none
362		1750			1.56	5.50	2262	none
363		2000			1.664	6	2762	none
364		2500			1.855	6.50	3625	none

NICOPRESS: SIGNAL

NICOPRESS: Signal

Splicing Sleeves

Signal splicing sleeves are designed to butt-splice the following types of solid wire: copper, copper covered steel (*Copperweld*®), galvanized steel, and aluminum covered steel (*Alumoweld*®). Sleeves are made of high conductivity seamless metal tubing with specially bonded inner bore coating to assure maximum holding power and conductivity.

Splicing Sleeves for Solid Copper Wire

SPECIFICATIONS
- Seamless high conductivity copper or copper alloy tubing
- Specially bonded inner bore coating
- Rolled center constriction wire stop
- Catalog stock number, wire size, and installation tool groove marked on sleeve where applicable

STOCK NUMBER	WIRE SIZE (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-025-A	24,22	A	0.75	1	200
3-036-A	22,20,19	A	0.75	1	200
3-045-B	19,18,17	B	1	3	200
3-051-B	17,16	B	1	3	200
1-051-B	16	B	0.75	2	200
3-064-B	14	B	1	2.7	200
4-064-B	14	B	1	2.7	200
1-064-C	14	C	1.50	14	100
1-064-D	14	D	1.50	17	100
2-072-B	13	B	0.75	1	200
1-080-C	12	C	1.50	12	100
1-080-D	12	D	1.50	15.4	100
1-080-E	12	E	1.50	20	100
1-091-C	11	C	1.50	11	100
1-102-C	10	C	1.50	10	100
1-102-D	10	D	1.50	14	100
1-102-E	10	E	1.50	18	100
1-114-D	9	D	1.63	13	100
1-114-E	9	E	1.50	17	100
1-128-E	8	E	1.50	16	100
1-128-J	8	J	2	39	100

Splicing Sleeves for Solid Aluminum Covered Steel (*Alumoweld*®) Wire

SPECIFICATIONS
- Seamless high conductivity aluminum tubing
- Specially bonded inner bore coating
- Rolled center constriction wire stop

STOCK NUMBER	WIRE SIZE (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
8-080-D	12	D	2	8	100
8-091-D	11	D	2	8	100
8-102-J	10	J	2.75	19	100
8-114-J	9	J	3	21	100

Splicing Sleeves for Solid Copper Covered Steel (*Copperweld*®) Wire

SPECIFICATIONS
- Seamless high conductivity copper tubing
- Sleeves develop 95% or more of the rated breaking strength of the conductor
- Specially bonded inner bore coating
- Rolled center constriction conductor stop

STOCK NUMBER	WIRE SIZE (AWG)	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-025-A	24	A	0.75	1	200
3-032-A	21, 20	A	1	1	200
3-045-B	19, 18, 17	B	1	3	200
3-051-B	17, 16	B	1	3	200
1-064-C	14	C	1.50	14	100
1-064-D	14	D	1.50	17	100
1-080-D	12	D	1.50	15.4	100
1-080-E	12	E	1.50	20	100
3-102-D	10	D	2.25	21	100
1-080-J	12	J	2	39	100
1-102-J	10	J	2.50	52	100
1-114-J	9	J	2.50	51	100
3-128-J	8	J	2.75	53	100

Splicing Sleeves for Solid Galvanized Steel Wire

SPECIFICATIONS
- Electrogalvanized copper, copper alloy, or seamless steel tubing
- Specially bonded inner bore coating
- Rolled center constriction wire stop
- Catalog stock number, wire size, and installation tool groove marked on sleeve where applicable

STOCK NUMBER	WIRE SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	(BWG)	GRADE*				
4-049-B	19,18		B	1.25	3	200
2-083-C	14	BB, 85	C	1.50	12	100
5-083-C	14	BB, 85	C	1.50	11	100
2-083-D	14	BB, 85	D	1.75	19	100
2-102-C	12	BB UNDERSIZE	C	1.50	11	100
4-109-C	12	BB	C	1.50	10	100
5-109-C	12	BB	C	1.38	9	100
2-109-D	12	BB	D	1.75	16	100
5-109-DBB	12	BB	D	1.50	12	100
5-109-D135	12	135	D	2.50	22	100
5-109-D190	12	190, 195	D	3	25	100
5-134-Q	10	BB, 85	Q	2	18	100
2-120-J	11	BB	J	1.75	39	100
5-120-J	11	190	J**	3.75	68	100
2-134-J	10	BB, 85	J	2	39	100
2-148-J	9	BB, 85	J	2.25	40	100

*BB stands for Best Best wire grade per ASTM standard A-111; numericals indicate PSI of metal
**Must press this sleeve with 51-JE tool only

NICOPRESS: Signal

Reducing Sleeves

Nicopress® reducing sleeves are designed for splicing applications involving the joining of two different size wires. Both ends of these splicing sleeves are pressed in the same tool groove. Reducing sleeves are made of high conductivity seamless copper and copper alloy tubing with a specially bonded inner bore coating. Sleeves used to splice galvanized steel wire are electrogalvanized. Each sleeve is marked with catalog stock number, wire sizes, and installation tool groove where applicable.

Reducing Sleeves for Galvanized Steel Wire to Solid Copper Wire and Copper Covered Steel (*Copperweld*®) Wire

STOCK NUMBER	WIRE SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
2-083 X 036-C	14	22,20,19	C	1.50	14	100
2-083 X 045-C	14	18,17	C	1.50	14	100
2-083 X 045-D	14	18,17	D	1.75	20	100
2-083 X 051-C	14	16	C	1.50	14	100
2-083 X 064-C	14	14	C	1.50	13	100
4-109 X 036-C	12	22,20,19	C	1.50	13	100
4-109 X 045-C	12	18,17	C	1.50	13	100
2-109 X 045-D	12	18,17	D	1.75	18	100
4-109 X 051-C	12	16	C	1.50	12	100
2-109 X 051-D	12	16	D	1.75	18	100
4-109 X 064-C	12	14	C	1.50	12	100
2-109 X 064-D	12	14	D	1.75	19	100
2-109-D	12	10	D	1.75	16	100
2-134 X 051-J	10	16	J	1.50	33	100
2-134 X 064-J	10	14	J	1.50	33	100
2-134 X 102-J	10	10	J	2	42	100
2-148 X 051-J	9	16	J	1.50	33	100
2-148 X 064-J	9	14	J	1.50	33	100
2-148 X 080-J	9	12	J	2	43	100
2-148 X 102-J	9	10	J	2.25	45	100
2-148 X 114-J	9	9	J	2.25	44	100
2-165 X 051-J	8	16	J	1.50	30	100
2-165 X 064-J	8	14	J	1.50	29	100
2-165 X 102-J	8	10	J	2.25	44	100
2-165 X 114-J	8	9	J	2.25	43	100
2-165 X 128-J	8	8	J	2.25	42	100

Reducing Sleeves for Solid Galvanized Steel Wire

STOCK NUMBER	WIRE SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
4-109 X 083-C	12	14	C	1.50	11	100
2-109 X 083-D	12	14	D	1.50	17	100
2-134 X 083-J	10	14	J	1.50	33	100
2-134 X 109-J	10	12	J	2	42	100
2-148 X 109-J	9	12	J	2	40	100
2-148 X 134-J	9	10	J	2	37	100
2-165 X 109-J	8	12	J	2	38	100
2-165 X 134-J	8	10	J	2.50	45	100
2-165 X 148-J	8	9	J	2.50	44	100

Reducing Sleeves for Solid Copper Wire and Solid Copper Covered Steel (*Copperweld*®) Wire

STOCK NUMBER	WIRE SIZE FROM	WIRE SIZE TO	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
2-045 X 036-B	18,17	22, 20, 19	B	0.75	2	200
2-051 X 036-B	16	22, 20, 19	B	0.75	2	200
3-051 X 040-B	16	18	B	1.25	3	200
1-064 X 036-C	14	22, 20, 19	C	1.50	14	100
1-064 X 045-C	14	18, 17	C	1.50	14	100
3-064 X 051-B	14	16	B	1.25	3	200
1-080 X 036-C	12	22, 20, 19	C	1.50	14	100
1-080 X 045-C	12	18, 17	C	1.50	14	100
1-080 X 045-D	12	18, 17	D	1.75	19	100
1-080 X 051-C	12	16	C	1.50	13	100
1-080 X 064-C	12	14	C	1.75	12	100
1-080 X 064-D	12	14	D	1.50	17	100
1-102 X 036-C	10	22, 20, 19	C	1.50	13	100
1-102 X 045-C	10	18, 17	C	1.50	13	100
1-102 X 045-D	10	18, 17	D	1.75	18	100
1-102 X 051-C	10	16	C	1.50	12	100
1-102 X 051-D	10	16	D	1.75	18	100
1-102 X 064-C•	10	14	C	1.50	11	100
1-102 X 064-D	10	14	D	1.50	17	100
1-102 X 064-E	10	14	E	1.50	19	100
1-102 X 064-J	10	14	J	1.50	33	100
1-102 X 080-C	10	12	C	1.75	10	100
1-102 X 080-D	10	12	D	1.50	15	100
1-114 X 045-D	9	18, 17	D	1.75	18	100
1-114 X 051-D	9	16	D	1.75	18	100
1-114 x 051-J	9	16	J	1.75	38	100
1-114 X 064-D	9	14	D	1.50	16	100
1-114 X 064-E	9	14	E	1.50	19	100
1-114 X 064-J	9	14	J	1.50	32	100
1-114 X 080-D	9	12	D	1.50	14	100
1-114 X 102-D	9	10	D	1.50	14	100
1-114 X 102-J	9	10	J	2.50	52	100
1-128 X 051-E	8	16	E	1.50	19	100
1-128 X 051-J	8	16	J	1.75	33	100
1-128 X 064-D	8	14	D	1.75	16	100
1-128 X 064-E	8	14	E	1.50	19	100
1-128 X 064-J	8	14	J	1.50	32	100
1-128 X 080-E	8	12	E	1.50	17	100
1-128 X 080-J	8	12	J	1.75	37	100
1-128 X 102-E	8	10	E	1.50	16	100
1-128 X 102-J	8	10	J	2.20	51	100
1-128 X 114-E	8	9	E	1.50	15	100
1-128 X 114-J	8	9	J	2.50	50	100
1-162 X 064-J	6	14	J	1.50	23	100
1-162 X 080-J 2"	6	12	J	2	34	100
1-162 X 102-J	6	10	J	2.50	48	100
1-162 X 114-J	6	9	J	2.50	47	100

•RUS accepted

NICOPRESS: Signal

Nicotap® Sleeves

Nicotap® sleeves are designed to tap into the main line wire without cutting the wire. The Nicotap® sleeve is first attached to the tap wire and following this the open end of the Nicotap® is pressed onto the line wire using standard Nicopress tools. Nicotap® sleeves assure the interrupted conductivity of the line wire while providing an excellent electrical tap. Sleeves for splicing copper and (*Copperweld*®) wire are made of high conductivity copper; sleeves for splicing galvanized steel wire are made of electrogalvanized high conductivity copper; sleeves for splicing aluminum wire are made of high conductivity aluminum alloy. Each sleeve has a specially bonded inner bore coating to assure maximum holding strength.

Nicotap® Sleeves for Solid Copper Wire and Copper Covered Steel (*Copperweld*®) Wire

STOCK NUMBER	WIRE SIZE (AWG)		TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
	LINE	TAP			
T2-045-B	19, 18, 17	19, 18, 17	B	5	100
T2-051-B	16	16	B	5	100
T1-064 X 036-C	14	20, 19	C	24	100
T1-064 X 045-C	14	18, 17	C	24	100
T1-064-C	14	14	C	23	100
T1-064 X 102-C	14	10	C	23	100
T1-080 X 036-C	12	20, 19	C	22	100
T1-080 X 036-D	12	20, 19	D	30	100
T1-080 X 045-C	12	18, 17	C	22	100
T1-080 X 045-D	12	18, 17	D	30	100
T1-080 X 051-C	12	16	C	22	100
T1-080 X 064-C	12	14	C	22	100
T1-080 X 064-D	12	14	D	29	100
T1-080-C	12	12	C	21	100
T1-080-D	12	12	D	28	100
T1-080 X 102-C	12	10	C	22	100
T1-102 X 036-D	10	20, 19	D	28	100
T1-102 X 045-D	10	18, 17	D	28	100
T1-102 X 051-D	10	16	D	27	100
T1-102 X 064-D	10	14	D	27	100
T1-102 X 080-D	10	12	D	26	100
T1-102-D	10	10	D	25	100
T2-109 X 128-D	10	8	D	26	100
T1-114 X 045-D	9	18, 17	D	27	100
T1-114 X 051-D	9	16	D	27	100
T1-114 X 064-D	9	14	D	26	100
T1-114 X 080-D	9	12	D	25	100
T1-114-D	9	9	D	24	100
T1-128 X 045-J	8	18, 17	J	65	50
T1-128 X 051-J	8	16	J	65	50
T1-128 X 064-J	8	14	J	64	50
T1-128 X 080-J	8	12	J	63	50
T1-128 X 102-J	8	10	J	63	50
T1-128 X 114-J	8	9	J	63	50
T1-128-J	8	8	J	60	50
T1-162 X 051-J	6	16	J	56	50
T1-162 X 064-J•	6	14	J	56	50
T1-162 X 080-J	6	12	J	56	50
T1-162 X 102-J	6	10	J	64	50
T1-162 X 114-J	6	9	J	56	50

•RUS accepted

Nicotap® Sleeves for Solid Galvanized Steel Wire to Solid Copper Wire and Copper Covered Steel (*Copperweld*®) Wire

STOCK NUMBER	WIRE SIZE (AWG)		TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
	LINE	TAP			
T2-083 X 036-C	14	20, 19	C	22	100
T2-083 X 045-C	14	18, 17	C	22	100
T2-083 X 051-C	14	16	C	22	100
T2-083 X 064-C	14	14	C	22	100
T2-083 X 064-D	14	14	D	30	100
T2-083-C	14	12	C	21	100
T2-109 X 036-D	12	20, 19	D	28	100
T2-109 X 045-D	12	18, 17	D	28	100
T2-109 X 051-D	12	16	D	28	100
T2-109 X 064-D	12	14	D	27	100
T2-109 X 083-D	12	12	D	26	100
T2-109-D•	12	10	D	25	100
T2-109 X 128-D	12	8	D	26	100
T2-134 X 045-J	10	18, 17	J	65	50
T2-134 X 051-J	10	16	J	65	50
T2-134 X 064-J	10	14	J	65	50
T2-134 X 080-J	10	12	J	65	50
T2-134 X 102-J	10	10	J	65	50
T2-134-J	10	8	J	62	50
T2-148 X 045-J	9	18, 17	J	65	50
T2-148 X 051-J	9	16	J	65	50
T2-148 X 064-J	9	14	J	65	50
T2-165 X 051-J	8	16	J	58	50
T2-165 X 064-J	8	14	J	57	50
T2-165 X 080-J	8	12	J	57	50

•RUS accepted

Nicotap® Sleeves for Solid Galvanized Steel Wire

STOCK NUMBER	WIRE SIZE (AWG)		TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
	LINE	TAP			
T2-083-C	14	14	C	21	100
T2-109-D	12	12	D	25	100
T2-109 X 083-D	12	14	D	26	100
T2-134-J	10	10	J	62	50
T2-134 X 109-J	10	12	J	63	50
T2-148-J	9	9	J	61	50
T2-165-J	8	8	J	53	50

NICOPRESS: Signal

Offset Dead-End Sleeves – Full Tension

Nicopress® offset dead-end sleeves are for use in dead-ending conductors on pin, knob, spool or strain insulators. This simple device, applied with the same Nicopress® tool used for splicing, provides a dead-end which is stronger than the line itself. The design also permits a tail of any length where needed for connecting to other lines or apparatus.

Full tension offset dead-end assemblies are used to terminate signal wire on pin, knob, spool or strain insulators. This sleeve is designed to allow the fabrication of a loop of any desired size for connecting to dead-end fixtures using standard Nicopress® tools. It also permits the feed thru of a tail of wire which can be spliced to other wires. This Nicopress® sleeve is made of high strength seamless metal tubing with specially bonded inner bore coating. Offset dead-end sleeves are used in the following wire and sleeve combinations: for solid copper wire and solid copper-covered steel (*Copperweld*®) wire the sleeves are made of seamless copper alloy electrogalvanized steel tubing; and for solid aluminum covered steel (*Alumoweld*®) the sleeves are made of seamless aluminum alloy tubing. Each sleeve is marked with catalog stock number and installation tool groove.

Offset Dead-End Sleeves for Solid Copper Wire - Full Tension

STOCK NUMBER	WIRE SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
91-064-C	14	C	13	100
91-064-D	14	D	16	100
91-080-C	12	C	12	100
91-080-D	12	D	18	100
91-080-E	12	E	21	100
91-102-C	10	C	10	100
91-102-D	10	D	16	100
91-102-E	10	E	18	100
91-114-D	9	D	15	100
91-114-E	9	E	17	100
93-128-D	8	D	12	100
91-128-E	8	E	15	100
91-114-J	9	J	53	100
91-128-J	8	J	54	100

Offset Dead-End Sleeves for Solid Copper Covered Steel (*Copperweld*®) Wire -Full Tension

STOCK NUMBER	WIRE SIZE (AWG)	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
91-064-C	14	C	13	100
91-064-D	14	D	16	100
91-080-C	12	C	12	100
91-080-D	12	D	18	100
91-080-E	12	E	21	100
93-102-D	10	D	20	100
91-080-J	12	J	59	100
91-102-J	10	J	55	100
91-114-J	9	J	53	100
91-128-J	8	J	54	100

Offset Dead-End Sleeves for Solid Galvanized Steel Wire - Full Tension

STOCK NUMBER	WIRE SIZE (BWG)	GRADE**	TOOL GROOVE	APPROX WT LBS/1000	STANDARD PACKAGE
92-083-C	14	BB, 85	C	12	100
95-083-C	14	BB, 85	C	10	100
92-083-D	14	BB, 85	D	18	100
94-109-C	12	BB	C	10	100
95-109-C	12	BB	C	9	100
92-109-D	12	BB	D	15	100
95-109-DBB	12	BB	D	11	100
95-109-D85	12	BB,85	D	16	100
95-109-D135	12	BB, 85, 135	D	21	100
94-121-D	11	BB	D	14	100
95-109-J	12	85, 135, 190	J*	26	100
92-134-J	10	BB,85	J	51	100
92-148-J	9	BB,85	J	47	100

*Must press this sleeve with 51-JE tool only
**BB stands for Best Best wire grade per ASTM standard A-111; numericals indicate PSI of metal

Lashing Wire Sleeves

Nicopress® lashing wire sleeves are designed to splice the lashing wire used for aerial cable suspension. These sleeves are made of seamless plated copper alloy tubing with specially bonded inner bore coating which assures maximum holding strength.

Splicing Sleeves for Splicing Aerial Cable Lashing Wire

STOCK NUMBER	WIRE SIZE INCHES	TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
4-045-B•	0.045	B	0.75	3.4	200
2-061-C•	0.061	C	0.75	7.5	100
2-065-C	0.065	C	0.75	7.5	100
2-091-C	0.091	C	0.75	6.3	100
2-091-D	0.091	D	0.75	8.2	100

•RUS accepted

NICOPRESS: Signal

Railroad Signal Cable Sleeves

Nicopress® signal cable sleeves are designed for splicing flexible bond strand to track cable. These sleeves are made of high conductivity seamless copper and copper alloy tubing.

Sleeves for Solid Copper to Solid Copper Wire

STOCK NUMBER	WIRE SIZE (AWG)		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
1792-B	14	14	B	1	2	100
1805-C	9	12	C	1.50	13	100
1735-C	9	9	C	1.50	9	100
1735-E	6	6	E	1.50	11	100
2054-M	4	9	M	2	62	100
2314-J	4	9, 10	J	1.50	27	100

Sleeves for Stranded Copper to Solid Copper Wire

STOCK NUMBER	WIRE SIZE (AWG)		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
1792-B	14	14	B	1	2	100
2054-M	13/64" 7 x 9	9	M	2	62	100
2314-J	4	9, 10	J	1.50	27	100

Sleeves for Stranded Copper to Stranded Copper Wire

STOCK NUMBER	WIRE SIZE (AWG)		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
1792-B	14	14	B	1	2	100

Sleeves for Stranded Bronze to Solid Copper Wire

STOCK NUMBER	WIRE SIZE (AWG)		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
2314-J	3/16" & 13/64" 7x19	10, 9	J	1	27	100
2364-J	3/16" & 13/64" 7x19	8	J	1	26	100
2363-J	3/16" & 13/64" 7x19	6	J	1	25	100

Sleeves for Stranded Bronze to Stranded Copper Wire

STOCK NUMBER	WIRE SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO (AWG)				
2363-J	3/16" & 13/64" 7x19	8-7 STR & 8-19 STR	J	1.5	25	100
2367-J	3/16" & 13/64" 7x19	4-7 STR & 4-19 STR	J	1.5	24	100
3701-P	3/16" 7x19	4-7 STR	P	2	62	100

Sleeves for Stranded Bronze to Stranded Bronze Wire

STOCK NUMBER	WIRE SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
2367-J	3/16" & 13/64" 7x19	3/16" & 13/64" 7x19	J	1.5	24	100

Railroad Terminal Lug for Railroad Track Cable

Nicopress® terminal lugs are used to terminate track cable. The terminal lug is designed to attach to a 1/4" binding post. Lugs are made of high conductivity tin-plated copper tubing.

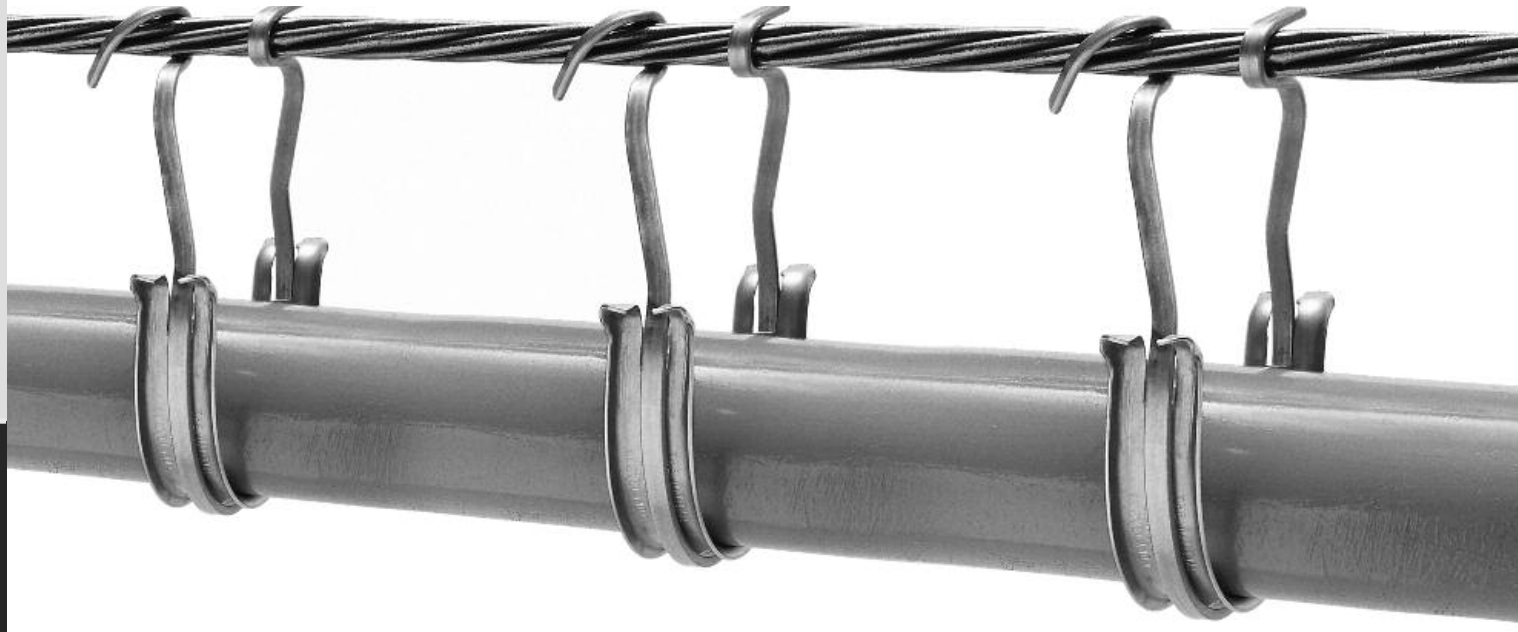
Terminal Lugs for Stranded Bronze to Binding Post

STOCK NUMBER	WIRE SIZE		TOOL GROOVE	LENGTH INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
	FROM	TO				
2412-J	3/16" & 13/64" 7x19	1/4" Binding Post	J	1	15	100

NICOPRESS: CABLE RINGS & SADDLES

The National Telephone Supply Company's cable rings and cable ring saddles answer the problem of supporting heavy electrical cables. Cable rings are designed to snap onto messenger stand and support 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.

Standard length cable rings are made for single cable suspension and "extra long" cable rings are designed for suspending a second cable underneath a standard length cable ring. In this manner one messenger strand will transport two cables.



Cable Rings

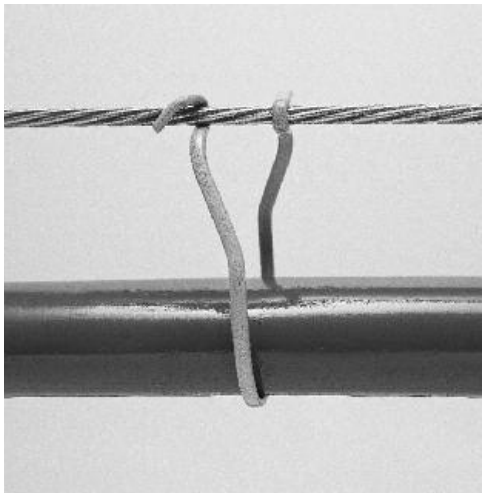
While the spacing of cable rings on messenger strands will vary to suit a particular installation and loading requirements, the table below offers a general guideline as to typical spacing.

CABLE RING SIZE - INCHES	RECOMMENDED SPACING (LOAD AREA) - INCHES		
	LIGHT	MEDIUM	HEAVY
2 1/2 & smaller	20	18	16
over 2 1/2	15	12	12

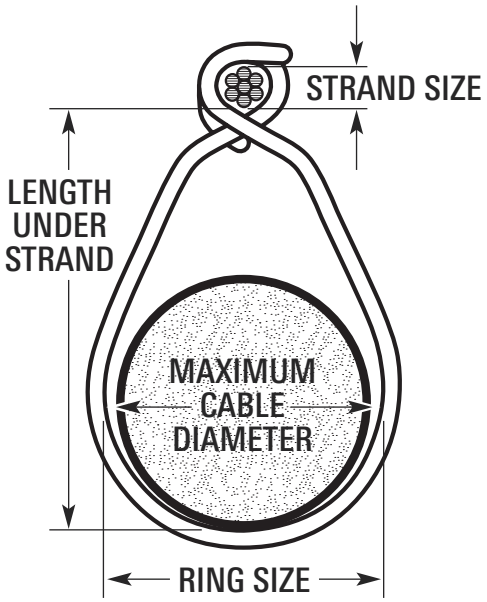
At railroad crossings or similar areas, spacing of rings is generally reduced to 12 inches. The Nicopress® cable ring's special roll form design and spring tension results in firm attachment of the cable ring to the messenger strand. Once in place the ring will not creep or move along the strand. Cable rings are made to withstand the most corrosive environments. Rings are available in several metal alloys and finishes including galvanized steel, PVC coated steel, copper covered steel (*Copperweld*®), and stainless steel. Since exposure to the elements can accelerate galvanic corrosion, we recommend selecting cable rings which will be compatible with the metal of the messenger strand. Consult the following table when making your selection:

TYPE OF CABLE RING	TYPE OF MESSENGER STRAND			
	GALVANIZED	ALUMINUM	COPPER	TYPE 316
Galvanized Steel	●	●		
PVC (Polyvinyl Chloride) Coated Steel	●	●		●
Copper Covered Steel			●	
Stainless Steel				●

Care should be taken to order the correct size of cable ring. In addition to the type of material always specify the "cable ring size," whether standard or extra long, and the "strand size". A cable ring is made to fit one strand size only. 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). Note column heading marked "Maximum Cable Diameter."



Cable Ring Saddles for Standard Length & Extra Long Cable Rings



NICOPRESS: CABLE RINGS & SADDLES

Standard Length Galvanized Steel Cable Rings

STANDARD RING SIZE - INCHES	STRAND SIZE - INCHES	MAXIMUM CABLE DIAMETER - INCHES	LENGTH UNDER STRAND - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-3/16	2-1/2	49	1000
2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-9/16	2-7/8	54	500
2-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-15/16	3-1/2	97	500
3	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	2-1/4	4-1/8	113	400
3-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2-5/8	4-1/2	125	300
4	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	5	160	200
4-1/2	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	4	5-1/2	186	200
5	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	4	6-1/4	194	200
6	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	5	7-1/4	222	150

Standard Length PVC (Polyvinyl Chloride) Coated Cable Rings

STANDARD RING SIZE - INCHES	STRAND SIZE - INCHES	MAXIMUM CABLE DIAMETER - INCHES	LENGTH UNDER STRAND - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-3/16	2-1/2	49	1000
2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-9/16	2-7/8	55	500
2-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-15/16	3-1/2	98	500
3	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	2-1/4	4-1/8	115	400
3-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2-5/8	4-1/2	127	300
4	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	5	165	200
4-1/2	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3-1/2	5-1/2	188	200
5	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	4	6-1/4	197	200
6	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	5	7-1/4	225	150

NICOPRESS: CABLE RINGS & SADDLES

Standard Length Copper Covered Steel (*Copperweld*®) Cable Rings

STANDARD RING SIZE - INCHES	STRAND SIZE - INCHES	MAXIMUM CABLE DIAMETER - INCHES	LENGTH UNDER STRAND - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-3/16	2-1/2	50	1000
2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-9/16	2-7/8	55	500
2-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-15/16	3-1/2	101	500
3	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	2-1/4	4-1/8	117	400
3-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2-5/8	4-1/2	129	300
4	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	5	179	200
4-1/2	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3-1/2	5-1/2	193	200
5	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	4	6-1/4	224	200
6	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	5	7-1/4	258	150

Standard Length Stainless Steel Cable Rings

STANDARD RING SIZE - INCHES	STRAND SIZE - INCHES	MAXIMUM CABLE DIAMETER - INCHES	LENGTH UNDER STRAND - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-3/16	2-1/2	50	1000
2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-9/16	2-7/8	55	500
2-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-15/16	3-1/2	110	500
3	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	2-1/4	4-1/8	128	400
3-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2-5/8	4-1/2	133	300
4	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	5	180	200
4-1/2	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3-1/2	5-1/2	198	200
5	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	4	6-1/4	240	200
6	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	5	7-1/4	250	150

NICOPRESS: CABLE RINGS & SADDLES

Extra Long Galvanized Steel Cable Rings

EXTRA LONG RING SIZE - INCHES	STRAND SIZE - INCHES	MAXIMUM CABLE DIAMETER - INCHES	LENGTH UNDER STRAND - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-3/16	4	114	500
2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-9/16	4-7/8	155	300
2-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-15/16	6	205	250
3	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	2-1/4	7-1/8	207	200
3-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2-5/8	8	227	200
4	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	9	240	150
4-1/2	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3-1/2	10	252	150
5	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	4	11-1/4	260	150

Extra Long PVC (Polyvinyl Chloride) Coated Steel Cable Rings

EXTRA LONG RING SIZE - INCHES	STRAND SIZE - INCHES	MAXIMUM CABLE DIAMETER - INCHES	LENGTH UNDER STRAND - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-3/16	4	115	500
2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-9/16	4-7/8	157	500
2-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-15/16	6	207	250
3	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	2-1/4	7-1/8	210	200
3-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2-5/8	8	230	200
4	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	9	244	150
4-1/2	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	9	244	150
5	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3-1/4	10	256	150

NICOPRESS: CABLE RINGS & SADDLES

Extra Long Copper Covered Steel (*Copperweld*®) Cable Rings

EXTRA LONG RING SIZE - INCHES	STRAND SIZE - INCHES	MAXIMUM CABLE DIAMETER - INCHES	LENGTH UNDER STRAND - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-3/16	4	110	500
2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-9/16	4-7/8	166	300
2-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-15/16	6	197	250
3	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	2-1/4	7-1/8	212	200
3-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2-5/8	8	226	200
4	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	9	246	150
4-1/2	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3-1/2	10	262	150
5	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	4	11-1/4	282	150

Extra Long Stainless Steel Cable Rings

EXTRA LONG RING SIZE - INCHES	STRAND SIZE - INCHES	MAXIMUM CABLE DIAMETER - INCHES	LENGTH UNDER STRAND - INCHES	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-3/16	4	116	500
2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-9/16	4-7/8	162	300
2-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	1-15/16	6	218	250
3	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8	2-1/4	7-1/8	222	200
3-1/2	1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	2-5/8	8	247	200
4	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3	9	270	150
4-1/2	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	3-1/2	10	275	150
5	5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 3/4	4	11-1/4	306	150

NICOPRESS: CABLE RINGS & SADDLES

Cable Ring Saddles

Cable ring saddles are designed for use with cable rings and offer further versatility and durability in aerial cable suspension. The wide bearing surface provided by cable ring saddles gives better support to the cable. Saddles are often required to meet design factors such as cable weigh, armor, vibration and movement of the aerial cable.

When ordering, note that each size cable ring saddle is designed for use with a specific size cable ring. Saddles cannot be used interchangeably. Order saddles by specifying cable ring size, whether standard or extra long.

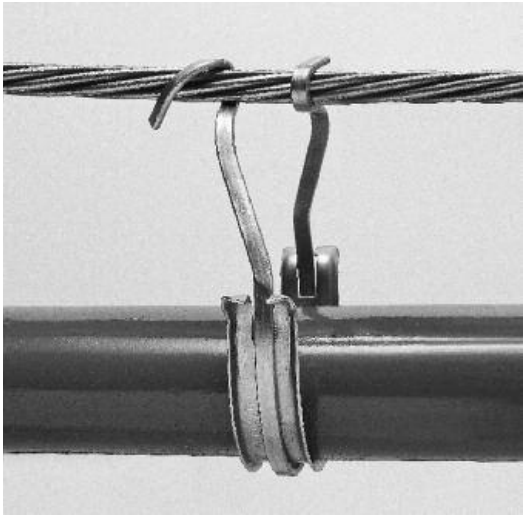
Cable ring saddles are made from galvanized steel, stainless steel, brass, and aluminum. The most compatible combination of metals between cable rings and cable ring saddles is indicated below.

RING/SADDLE COMBINATIONS

Cable Ring	Cable Ring Saddle
Galvanized Steel	Galvanized Steel
Stainless Steel	Stainless Steel
(*Copperweld*®)	Brass

Cable Ring Saddles for Standard Length and Extra Long Cable Rings

CABLE RING SADDLE SIZE - INCHES	GALVANIZED STEEL		STAINLESS STEEL		ALUMINUM	
	APPROX WT LBS/1000	STANDARD PACKAGE	APPROX WT LBS/1000	STANDARD PACKAGE	APPROX WT LBS/1000	STANDARD PACKAGE
1-1/2	78	1000	62	1000	30	1000
2	93	500	71	500	35	500
2-1/2	102	500	83	500	40	500
3	120	400	99	400	50	400
3-1/2	136	300	107	300	52	300
4	149	200	123	200	60	200
4-1/2	168	200	132	200	64	200
5	180	200	142	200	71	200
6	180	150	142	150	71	150



Cable Ring Saddles for Standard Length & Extra Long Cable Rings

NICOPRESS: TOOLS

Many types of Nicopress® tools are available for the compression of sleeves. Tools are shipped with detailed instructions showing the proper tool operation and adjustment, plus tool "GO" gauges for checking the accuracy of sleeve compressions. Nicopress® tools are engineered to create maximum metal flow of the splicing sleeve around the wire or conductor. This results in splices that are strong and reliable.

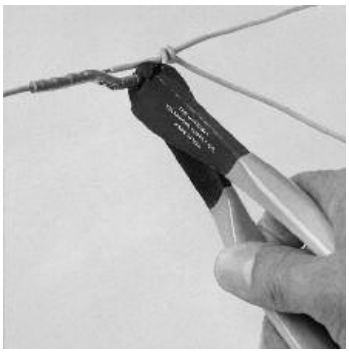
Before making a splice be sure you have the right tool or die for the specific size sleeve to be pressed. The sleeve and tool tables in this catalog facilitate the correct selection of matching tool and sleeve combinations. Note the column headings marked "tool groove." Matching the "tool groove" designations of the various tools and sleeves identifies the correct combinations.

Both Nicopress® tools and sleeves are marked with identifying stock numbers. This permits easy field identification.

Small Hand Tools

Tools for Signal Sleeves

STOCK NUMBER	GROOVES	LENGTH - INCHES	APPROX WT LBS
17-BA	A, B	8.25	0.7
17-B4-TC	B4	8.25	0.7

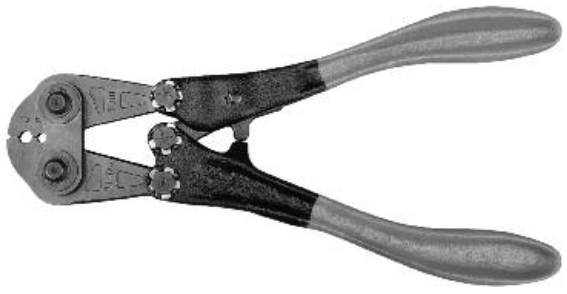


Toggle Action Tools

Engineered for field conditions, Nicopress® toggle action tools are made with drop forged steel jaws with specially-hardened working surfaces. Tools have either single- or multiple-marked pressing grooves. The tool groove markings match similar markings on corresponding Nicopress® sleeves. Metal "GO" gauges supplied with each tool help ensure the accurate compression of sleeves. Tool instructions provide for easy field adjustment of tools. These toggle action tools produce perfect splices with a minimum of handle force.

Tools for Signal and Power Line Sleeves

STOCK NUMBER	GROOVES	LENGTH - INCHES	APPROX WT LBS
31-CE	C, E	12	2.2
31-CJ	C, J	12	2.2
31-DC	D, C	12	2.2
31-QC	Q, C	12	2.2
31-DE	D, E	12	2.2
31-DJ	D, J	12	2.2
31-EJ	E, J	12	2.2



Toggle Action Tools

Tools for Power Line Sleeves

40-50 Series

STOCK NUMBER	GROOVES	LENGTH - INCHES	APPROX WT LBS
41-MJ	M, J	16	4.4
51-MJ	M, J	18.5	4.6
51-JE	J, E	19	4.7
51-PJ	P, J	19	4.7
51-XJ	X, J	19	4.7
51-TJ	T, J	19	4.7
51-JD5	J, D5	19	4.7
51-APPLE	APPLE	19	6.4
51-ORANGE	ORANGE	19	6.4
51-PEACH	PEACH	19	6.5
51-PLUM	PLUM	19	6.5
53-XMJ	X, M, J	19.25	4.8
53-XPJ	X, P, J	19.25	4.8
53-TMJ	T, M, J	19.25	4.8
55-PLUM: ORANGE*	PLUM, ORANGE	19	4.9

*Tool designed to press single-piece sleeves.
NOTE: Tools listed above are available with Dielectric Fiberglass Handles as special-order item.

60 Series

STOCK NUMBER	GROOVES	LENGTH - INCHES	APPROX WT LBS
62-G33-H54	G33, H54	20.5	5
63-MT-PEACH	M, T, PEACH	20.25	5
63-PX-PEACH	P, X, PEACH*	20.5	5
64-XP:PEACH:J	X, P, PEACH, J	21	5.2

*For use on aluminum conductors ONLY.
NOTE: Tools listed above are available with Dielectric Fiberglass Handles as special-order item.

3 Series

STOCK NUMBER	GROOVES	LENGTH - INCHES	APPROX WT LBS
3-L	L	32.5	13
3-S	S	32.5	13
3-SL	S, L	32.75	13.4
3-W	W	33	13.4
3-E5P	E5, P	33	13.4
3-E8	E8	32.75	13.4
3-F6	F6	32.75	13.4
3-G3	G3	32.75	13.4
3-G9	G9	32.75	13.4


Optional dielectric fiberglass handles. 40, 50, & 60 Series

40-50 SERIES

60 SERIES

3 SERIES

NICOPRESS: TOOLS

Battery Powered Compression Tools

Nicopress® battery-powered compression tools are for use with Nicopress® sleeves and dies. Ergonomic, one-handed operation tools that provide operator convenience to speed splicing tasks for repetitive swaging. The 5606 is useful in confined areas where traditional compression tools cannot be used (jaws rotate 360 degrees for ease of operation). The 5612 is designed specifically for overhead application, with a rotational head. *Cutting dies are available*.

5606 (6 ton)

Ergonomic one-handed operation tool that provides operator convenience to speed wire rope splicing tasks for repetitive aerial swaging. Its compact size and 360-degree rotation provide ease of operation. Crimp cycle time is less than 6 seconds with approximately 250 crimps per charge.

LED lights on both sides of tool

Dimensions	20.5"L x 4"H x 2.5"W (52.1cm x 12.2cm x 7.9cm)
Weight	8 lbs (3.6kg) w/battery
Wire Size	3/64" (1mm) to 3/8" (10mm)
Battery Pack	2 Lithium-ion
A/C Battery Charger	•
Molded Carrying Case	•
Wrist Strap	•
Approx No of Crimps	250
Approx Shipping Wt	19 lbs
Available 6 Ton Dies	See p 55 (top)

5612 Pistol-Grip (12 ton)

Battery-powered tool, with one-hand operation. Designed specifically for overhead application, with rotational head, rapid advance and an ergonomic pistol-grip handle.

Dimensions	16"L x 11.5"H x 3.5"W (41cm x 29cm x 9cm)
Weight	15.5 lbs (7.5kg)
Wire Size	3/64" (1mm) to 1/2" (13mm)
Battery	2 Lithium-ion
A/C Battery Charger	•
Molded Carrying Case	•
Wrist Strap	•
Approx No of Crimps	65
Approx Shipping Wt	30 lbs
Available 12 Ton Dies	See p 55 (bottom)

Hydraulic Tools

Nicopress® offers a series of hydraulic compression tools and dies designed to press a wide range of transmission and distribution line connectors, from 6 and 12 ton to 35 and 60 ton. Interchangeable tool dies will press copper, aluminum and steel splicing sleeves.

The hand operated 12 ton hydraulic compression tool features a two stage rapid advance pumping system. It's engineered to swage the full range of Nicopress® product up through ½" (12mm).

3512 Hydraulic Compression Tool w/Case (12 ton)

Dimensions	23"L x 6.5"H x 3.5"W (59cm x 16.5cm x 8.9cm)
Weight (tool)	13 lbs (6kg)
Wire Size	3/64" (1mm) to 1/2" (12mm)
Compression Output	12-ton
Available 12 Ton Dies	See p 55 (bottom)

3512-H Power Head only (w/Case) (12 ton)

Dimensions	9.5"L x 5.25"H x 2.75"W (24.1cm x 13.3cm x 7cm)
Weight (tool)	8.5 lbs (3.9kg)
Wire Size	3/64" (1mm) to 1/2" (12mm)
Compression Output	12-ton
Available 12 Ton Dies	See p 55 (bottom)

3512-TG Pressure Test Gauge & Die Set (w/Case) **Weight** 9.5 lbs (4.3kg)

The 35 ton swaging tool is designed for a variety of markets and is the most versatile swager of its size. It's supplied with a manual pump and can be ordered with an electric hydraulic power unit.

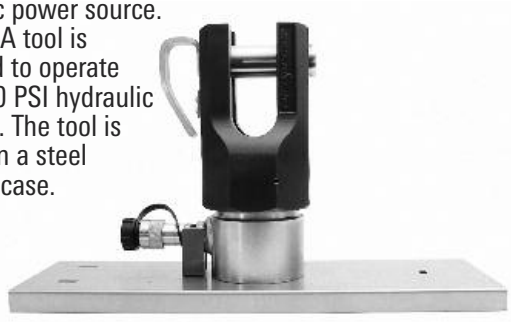
635 (35 ton)

Manual hydraulic compression tool, shipped complete with hand pump, mounted on a base, and packed in a carrying case. It can be ordered with an electric hydraulic power unit. The portability of this tool is an advantage in the field.

Dimensions	33"L x 13"H x 6.5"W (84cm x 16.5cm x 33cm)
Weight	73 lbs (33kg)
Approx Shipping Weight	82 lbs (37kg)
Wire Size	3/64" (1mm) to 5/8" (16mm)
Available 35 Ton Dies	See p 56 (top)

635-A (35 ton)

Power hydraulic compression tool head, shipped complete with quick disconnect coupling, six-foot hydraulic hose (#2696), and ready for hook up to hydraulic power source. The 635-A tool is designed to operate at 10,000 PSI hydraulic pressure. The tool is packed in a steel carrying case.



Dimensions	9"L x 13"H x 6.5"W (33cm x 16.5cm x 23cm)
Weight	45 lbs (21kg)
Approx Shipping Weight	75 lbs (34kg)
Wire Size	3/64" (1mm) to 5/8" (16mm)
Available 35 Ton Dies	See p 56 (top)

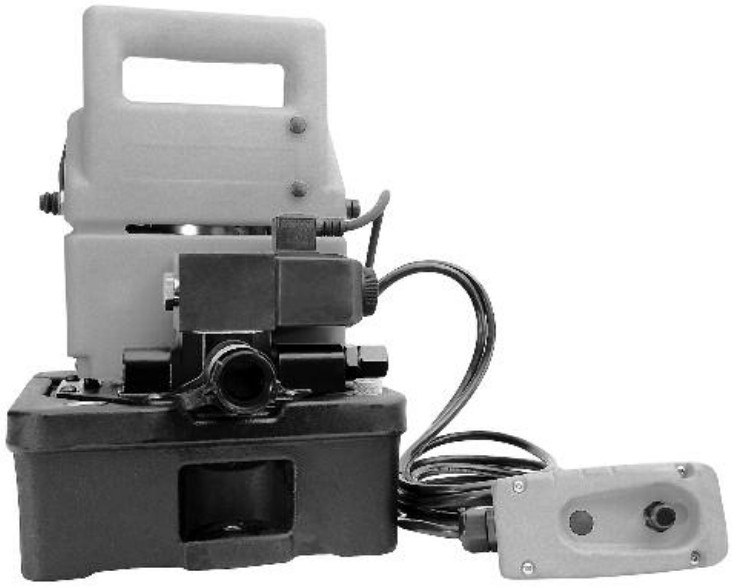
NICOPRESS: TOOLS

Electric/Hydraulic Power Source for 635-A & 3512-H

Optional electric hydraulic and pneumatic hydraulic power sources compatible with 12 ton 3512-H and 635-A hydraulic swaging tools. Engineered for both shop and field use when higher volume throughput is required.

NEH-1 Electric Pump

Power Source	115 volt, 60 HZ-AC
Dimensions	14.5"L x 15"H x 12.25"W
Approx Weight	33 lbs (15kg)
Hydraulic Output	20 cu in per minute at 9,200 PSI



Accessories for 635 Series Hydraulic Tools

Optional electric hydraulic and pneumatic hydraulic power sources compatible with 12 ton 3512-H and 635-A hydraulic swaging tools. Engineered for both shop and field use when higher volume throughput is required.

STOCK NUMBER	DESCRIPTION
2498 CABLE CUTTER	Cable Cutter Die for copper and aluminum conductors. 5/8" diameter maximum capacity.
2685 HOSE	6' conversion hose assembly for coupling No. 635 manual hydraulic tool to hydraulic power operation
2791 HOSE	12' conversion hose assembly for coupling No. 635 manual hydraulic tool to hydraulic power operation
2730 HOSE	6' hydraulic extension hose assembly for 635-A tool head
2740 HOSE	12' hydraulic extension hose assembly for 635-A tool head

W & O Style Insert Die Sets for Hand & Battery Hydraulic Tools (6 Ton Dies)

TYPE W DIES			
STOCK NUMBER	**DIE GROOVE**	**TOOL**	**APPROX WT PER DIE SET-LBS**
2450 ORANGE DIE	ORANGE	MD-6	0.2
2579 PEACH DIE	PEACH	MD-6	0.2
2451 PLUM DIE	PLUM	MD-6	0.2
3757-X DIE	X	MD-6	0.2
3757-P DIE	P	MD-6	0.2
3757-J DIE	J	MD-6	0.2

Type W Die

TYPE O DIES			
STOCK NUMBER	**DIE GROOVE**	**TOOL**	**APPROX WT PER DIE SET-LBS**
2727 DIE	ORANGE	TYPE O	0.2
2728 DIE	PEACH	TYPE O	0.2
2729 DIE	PLUM	TYPE O	0.2
6-X DIE	X	TYPE O	0.2
6-P DIE	P	TYPE O	0.2
6-J DIE	J	TYPE O	0.2

Type O Die

Hydraulic Compression Dies (12 Ton Dies)

- **Models 3512, 3512-H, Y35 Hand Hydraulic Tools**
- **Model 5612 Battery-Operated Tool**

TOOL DIE GROOVE	STOCK NUMBER
J	12-J
M	12-M
P	12-P
X	12-X
T	12-T
E8	12-E8
F6	12-F6
G3	12-G3
G9	12-G9
H5	12-H5
J2	12-J2
J8	2-J8
M12	12-M12
J82	12-J82
S	12-S
W	12-W
E82	12-E82

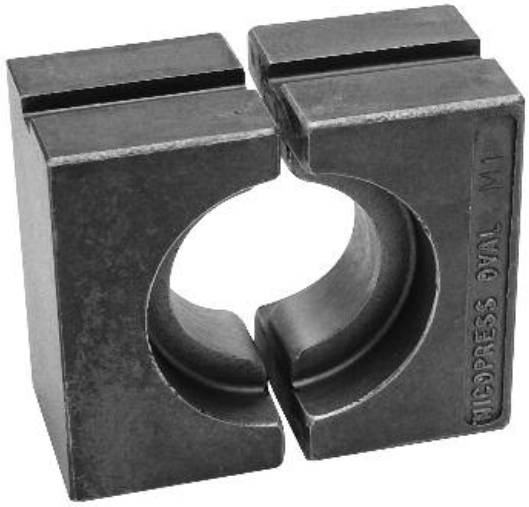
TOOL DIE GROOVE	STOCK NUMBER
G92	12-G92
E82	12-E82
F62	12-F62
F92	12-F92
PEACH	12-PEACH
74A	12-74A
75A	12-75A
76A	12-76A
77A	12-77A
ORANGE-S	12-ORANGE-S
ORANGE	12-ORANGE
PLUM	12-PLUM
74S	12-74S
75S	12-75S
76S	12-76S
PEACH/PLUM-S	12-PEACH/PLUM-S

Type U Die

NICOPRESS: TOOLS

Tool Dies for Use with Models 635 and 635-A Hydraulic Tools (35 Ton Dies)

STOCK NUMBER	DIE GROOVE(S)	APPROX WT PER DIE SET-LBS
APPLE DIE	APPLE	1.8
ORANGE DIE	ORANGE	2.1
PEACH DIE	PEACH	2.1
PLUM DIE	PLUM	2
L DIE	L	1.6
P DIE	P	1.9
S DIE	S	1.5
W DIE	W	1.8
X DIE	X	1.9
E5 DIE	E5	1.9
E82 DIE	E82	1.6
E8 DIE	E8	2.1
F6 DIE	F6	1.9
F62 DIE	F62	1.6
G3 DIE	G3	1.9
F92 DIE	F92	1.6
G9 DIE	G9	1.9
G92 DIE	G92	1.6
76A-74S DIE	76A, 74S	1.8
74AS DIE	74AS	2
75AS DIE	75AS	1.9
76AS DIE	76AS	1.7
77A DIE	77A	1.6
27AH DIE	27AH	1.9
H52 DIE	H52	1.7
H5 DIE	H5	1.9
J2 DIE	J2	1.8
J22 DIE	J22	1.6
J8 DIE	J8	1.8
J82 DIE	J82	1.6
K42 DIE	K42	1.5
L12 DIE	L12	1.5
M12 DIE	M12	1.5
M32 DIE	M32	1.6
M62 DIE	M62	1.5
N92 DIE	N92	1.4
28 DIE	28	1.4

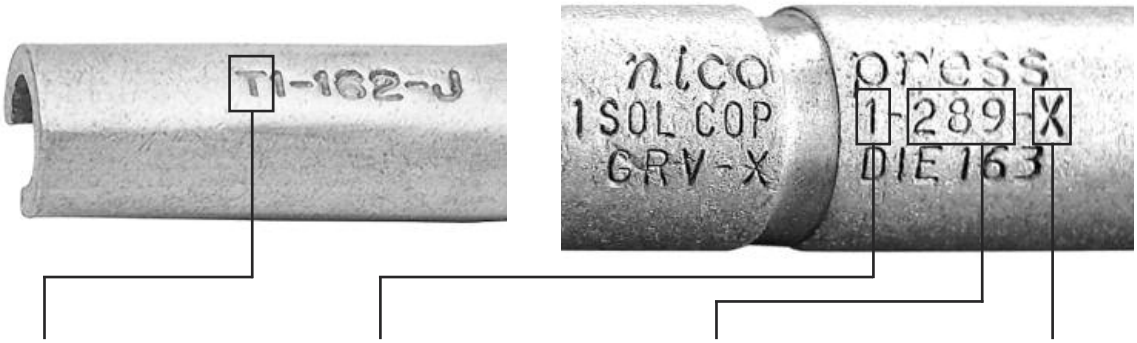


Hydraulic Tool Dies for 60 Ton Power Hydraulic Tool (60 Ton Dies)

STOCK NUMBER	DIE GROOVE	APPROX WT PER DIE SET-LBS
60-F6 DIE	F6	4.4
60-F92 DIE	F92	4.3
60-G92 DIE	G92	4.2
60-H52 DIE	H52	4.2
60-J2 DIE	J2	4.2
60-J8 DIE	J8	4
60-K42 DIE	K42	3.2
60-28 DIE	28	3.5

Part/Tool Numbering

Nicopress® Sleeves: power, signal, dead-ends, repair, and Nicotap®



Prefix position:

Applies to Power and Signal Dead-ends, Repair, and Nicotap® sleeves

TOOL GROOVE

Same naming convention as for the splicing sleeves, except that they have a prefix:

7	Suspension dead-end
9	Offset dead-end
AL	Aluminum Splicing Sleeves
AR	Split Repair Sleeves for Alum. Conductor
JU	Jumper Sleeves
R	Repair sleeve
T	Nicotap®

1st position:

SLEEVE MATERIAL

Signifies the material of which the sleeve is made:

1	Copper
2	Galvanized Copper
3	Brass/Copper
4	Brass/Copper
5	Galvanized Steel
8	Aluminum

2nd position:

WIRE/CONDUCTOR SIZE

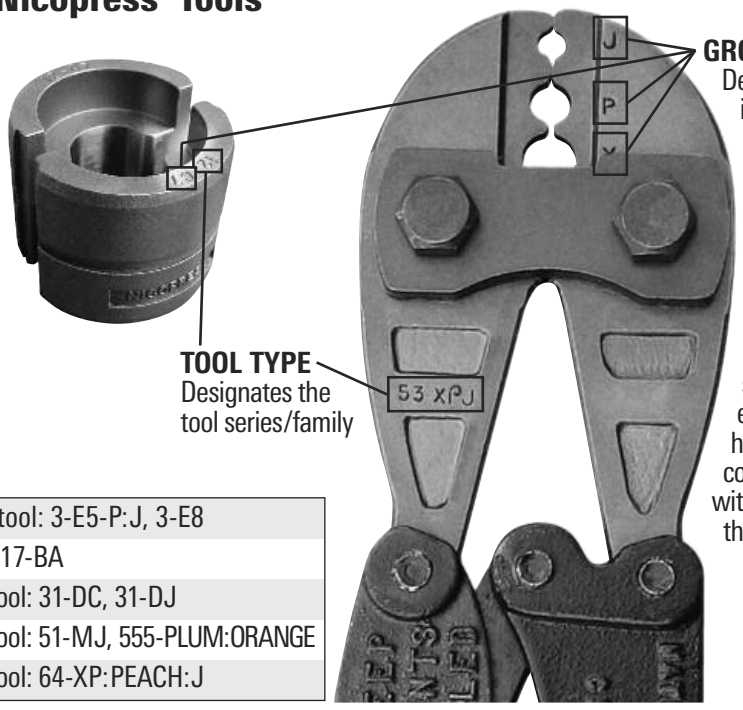
Represents the decimal equivalent of the diameter of the typical standard wire/conductor size to be spliced.

3rd position:

TOOL GROOVE

Denotes tool groove in which the sleeve must be compressed. Match this groove designation with the letter designation on the Nicopress tool. Tools are made to easily and quickly compress the appropriate sleeve. The letter designation on the Nicopress® sleeves makes it easy to identify which tool to use.

Nicopress® Tools



GROOVES
Denotes the groove(s) in the tool.

The grooves are clearly marked on every tool. A particular groove will accommodate all sleeves having the same letter at the end of the sleeve stock number. For example, any tool having a P groove will compress any sleeve with a stock number that ends with a P.

TOOL TYPE
Designates the tool series/family

3 Series – 33" toggle-action tool: 3-E5-P:J, 3-E8
17 Series – 8" plier style tool: 17-BA
30 Series – 11" toggle-action tool: 31-DC, 31-DJ
50 Series – 18" toggle-action tool: 51-MJ, 555-PLUM:ORANGE
60 Series – 20" toggle-action tool: 64-XP:PEACH:J

Nicopress resources are available to download or request online at www.nicopress.com. Or, ask your distributor. Resources include catalogs, brochures, data sheets, instruction sheets, technical and customer drawings.

CATALOGS

Electrical Power & Signal (Catalog No. 40)

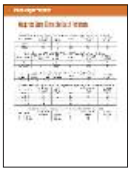
Rail Signal & Electrical Products

Cable Rings & Saddles

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

Fence & Trellis (Catalog No. F17)

DATA SHEETS



Storm Connector Quick Reference

Splicing Sleeves for Railroad Track Signal Cables

BROCHURES

Agriculture

- Agricultural Connectors Tools

Entertainment

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

Utility – Gas

- Buried Tracer Wire Connection System

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

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

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