

TYPE
ILSCONS

Features

- Crimp 'N Seal heat shrink connector kits provide a convenient and durable assortment of our most popular terminals.

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Crimp 'N Seal® Splice Kit

Catalog Number 99102 Polyolefin Crimp 'N Seal®

A handy kit that includes our high quality ratchet crimp tool and our three most popular splices.

Kit Includes:

- | | | | |
|----|-----------------------|----|------------------------------|
| 15 | 22-18 CNS Butt Splice | 15 | 12-10 CNS Butt Splice |
| 15 | 16-14 CNS Butt Splice | 1 | 94130 CNS Ratchet Crimp Tool |



Crimp 'N Seal® Terminal Kit

Catalog Number 99300 Polyolefin Crimp 'N Seal®

A versatile kit with everything you need to cut, crimp, heat and seal your connection.

Kit Includes:

- | | | | |
|----|------------------------------|----|------------------------------------|
| 15 | 22-18 CNS Butt Splice | 20 | 16-14 1/4" Stud Ring Terminal |
| 15 | 16-14 CNS Butt Splice | 10 | 16-14 Fully Insulated Male Disc. |
| 15 | 12-10 CNS Butt Splice | 10 | 16-14 Fully Insulated Female Disc. |
| 20 | 22-18 #10 Stud Ring Terminal | 1 | 94145 Multi-Purpose Crimp Tool |
| 20 | 16-14 #10 Stud Ring Terminal | 1 | 94700 Shrink Jet Butane Heat Tool |
| 20 | 12-10 #10 Stud Ring Terminal | | |

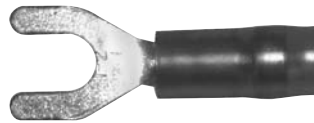
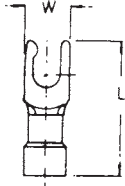
TYPE ILSCONS

Features

- Color coded
- Manufactured from high strength copper alloy
- Electro-tin plated
- Vinyl insulation
- UL Listed and CSA Certified for 600 volts, 90° C

Benefits

- Provides easy wire range identification
#22-18 AWG Red
#16-14 AWG Blue
#12-10 AWG Yellow
- Provides maximum conductivity
- Provides low contact resistance
- Provides tough pliable insulative qualities to protect connectors and wire from corrosion as well as providing some strain relief
- Ensures reliability for copper conductor



Catalog Number	Wire Range	Stud Size	Dimensions		Maximum Wire Insulated Diameter
			L	W	
44500-B10	18-22	4	.88	.25	.145
44501-B10	18-22	6	.88	.29	.145
44502-B10	18-22	8	.88	.31	.145
44503-B10	18-22	10	.88	.31	.145
44511-B10	14-16	6	.88	.29	.175
44512-B10	14-16	8	.88	.31	.175
44513-B10	14-16	10	.88	.31	.175
44514-B10	14-16	1/4	1.10	.43	.175
44520-B10	10-12	6	1.06	.28	.255
44521-B10	10-12	8	1.06	.28	.255
44522-B10	10-12	10	1.06	.28	.255
44523-B10	10-12	1/4	1.24	.43	.255
45322FL-P100*	14-16	6	.88	.29	.175
45323FL-P100*	14-16	8	.88	.31	.175
45324FL-P100*	14-16	10	.88	.31	.175
45423FL-P50*	10-12	8	1.06	.28	.255
45424FL-P50*	10-12	10	1.06	.28	.255

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

* Flanged Fork

Can be supplied in bulk. Consult factory for part number.

UL File E158587

TYPE ILSCONS

Features

- Manufactured from high strength copper alloy
- Electro-tin plated
- UL Listed and CSA Certified, 90° C

Benefits

- Provides maximum conductivity
- Provides low contact resistance
- Ensures reliability for copper conductor

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Fig. 1

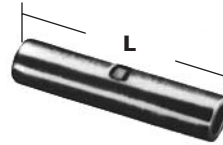


Fig. 2

Catalog Number	Figure Number	Wire Range	L
44600-B20	1	18-22	.33
44610-B20	1	14-16	.33
44620-B20	1	10-12	.33
44630-B10	1	8	.38
44640-B10	1	6	.46
44650-B10	1	4	.54
44800-B20	2	18-22	.63
44810-B20	2	14-16	.63
44820-B20	2	10-12	.82
44830-B10	2	8	.77
44840-B10	2	6	1.02
44850-B10	2	4	1.20

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Can be supplied in bulk. Consult factory for part number.

UL File E158587

TYPE ILSCONS

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Features

- Color coded
- Manufactured from high strength copper alloy
- Electro-tin plated
- Silver solder brazed seam
- Vinyl insulation
- UL Listed and CSA Certified for 600 volts, 90° C

Benefits

- Provides easy wire range identification
#22-18 AWG Red
#16-14 AWG Blue
#12-10 AWG Yellow
- Provides maximum conductivity
- Provides low contact resistance
- May be crimped anywhere and will not split open, even under extreme operating stresses
- Provides tough pliable insulative qualities to protect connectors and wire from corrosion as well as providing some strain relief
- Ensures reliability for copper conductor



Fig. 1

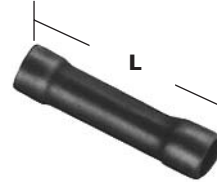


Fig. 2

Catalog Number	Figure Number	Wire Range	L	Maximum Wire Insulated Diameter	Connector Type
44700-B10	1	18-22	.76	.145	Parallel Splice
44710-B10	1	14-16	.76	.175	Parallel Splice
44720-B10	1	10-12	.83	.255	Parallel Splice
44730-B5	1	8	1.05	.385	Parallel Splice
44740-B5	1	6	1.19	.440	Parallel Splice
44750-B5	1	4	1.41	.515	Parallel Splice
44900-B10	2	18-22	.95	.145	Butt Splice
44910-B10	2	14-16	1.02	.175	Butt Splice
44920-B10	2	10-12	1.01	.255	Butt Splice
44930-B5	2	8	1.46	.385	Butt Splice
44940-B5	2	6	1.80	.440	Butt Splice
44950-B5	2	4	1.95	.515	Butt Splice
45130-P100	1	18-22	.76	.145	Vinyl Insulated Splice
45330-P100	1	14-16	.76	.175	Vinyl Insulated Splice
45430-P50	1	10-12	.83	.255	Vinyl Insulated Splice

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Can be supplied in bulk. Consult factory for part number.

UL File E158587

TYPE ILSCONS

Features

- Color coded
- Manufactured from high strength copper alloy
- Electro-tin plated
- Silver solder brazed seam
- Vinyl insulation
- Insulated connectors are rated for 600 volts, 90° C

Benefits

- Provides easy wire range identification
#22-18 AWG Red
#16-14 AWG Blue
#12-10 AWG Yellow
- Provides maximum conductivity
- Provides low contact resistance
- May be crimped anywhere and will not split open, even under extreme operating stresses
- Provides tough pliable insulative qualities to protect connectors and wire from corrosion as well as providing some strain relief
- Ensures reliability for copper conductor

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Fig. 1



Fig. 2



Fig. 3



Fig. 4

Catalog Number	Figure Number	Wire Range	Stud Size	Type	Width	Thickness	Length	Connector Type
45100-B10	1	18-22	-	Female	1/4	-	-	Disconnects - Insulated - Male - Female - Brass Sleeve - Vinyl Insulation
45101-B10	1	18-22	-	Male	1/4	-	-	
45110-B10	1	14-16	-	Female	1/4	-	-	Disconnects - Insulated - Male - Female - Brass Sleeve - Vinyl Insulation
45111-B10	1	14-16	-	Male	1/4	-	-	
45120-B10	1	10-12	-	Female	1/4	-	-	Disconnects - Insulated - Male - Female - Brass Sleeve - Vinyl Insulation
45121-B10	1	10-12	-	Male	1/4	-	-	
45112-B10	1	14-16	-	Female	3/16	-	-	Disconnects - Insulated - Male - Female - Brass Sleeve - Vinyl Insulation
45113-B10	1	14-16	-	Male	3/16	-	-	
45200-B10	2	18-22	-	Female	1/4	-	-	Disconnects - Uninsulated - Male - Female
45201-B10	2	18-22	-	Male	1/4	-	-	
45210-B10	2	14-16	-	Female	1/4	-	-	Disconnects - Uninsulated - Male - Female
45211-B10	2	14-16	-	Male	1/4	-	-	
45220-B10	2	10-12	-	Female	1/4	-	-	Disconnects - Uninsulated - Male - Female
45221-B10	2	10-12	-	Male	1/4	-	-	
45212-B10	2	14-16	-	Female	3/16	-	-	Disconnects - Uninsulated - Male - Female
45213-B10	2	14-16	-	Male	3/16	-	-	
45300-B10	3	18-22	10	-	21/32	-	3/8	Ring Flag Terminals - Uninsulated
45310-B10	3	14-16	10	-	11/16	-	3/8	Ring Flag Terminals - Uninsulated
45320-B10	3	10-12	10	-	11/16	-	3/8	Ring Flag Terminals - Uninsulated
45400-B10	4	18-22	-	-	.187	.016	.46	Female Quick-Slide Flag Terminals - Uninsulated
45401-B10	4	18-22	-	-	.250	.030	.50	Female Quick-Slide Flag Terminals - Uninsulated
45410-B10	4	14-16	-	-	.187	.016	.49	Female Quick-Slide Flag Terminals - Uninsulated
45411-B10	4	14-16	-	-	.250	.030	.51	Female Quick-Slide Flag Terminals - Uninsulated
45420-B10	4	10-12	-	-	.250	.030	.61	Female Quick-Slide Flag Terminals - Uninsulated
45393-P100	1	14-16	-	Female	1/4	-	-	Vinyl Insulated Disconnect
45483-P50	1	10-12	-	Male	1/4	-	-	Vinyl Insulated Disconnect
45493-P50	1	10-12	-	Female	1/4	-	-	Vinyl Insulated Disconnect

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Can be supplied in bulk. Consult factory for part number.

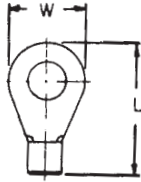
TYPE ILSCONS

Features

- Manufactured from high strength copper alloy
- Electro-tin plated
- Silver solder brazed seam
- UL Listed and CSA Certified, 90° C

Benefits

- Provides maximum conductivity
- Provides low contact resistance
- May be crimped anywhere and will not split open, even under extreme operating stresses
- Ensures reliability for copper conductor



Catalog Number	Wire Range	Stud Size	Dimensions	
			L	W
44100-B20	18-22	4	.45	.20
44101-B20	18-22	6	.62	.25
44102-B20	18-22	8	.75	.31
44103-B20	18-22	10	.75	.31
44104-B20	18-22	1/4	.94	.47
44105-B20	18-22	5/16	.94	.47
44106-B20	18-22	3/8	.97	.53
44110-B20	14-16	4	.95	.25
44111-B20	14-16	6	.71	.31
44112-B20	14-16	8	.71	.31
44113-B20	14-16	10	.71	.31
44114-B20	14-16	1/4	.94	.46
44115-B20	14-16	5/16	.94	.46
44116-B20	14-16	3/8	.97	.53

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TYPE ILSCONS

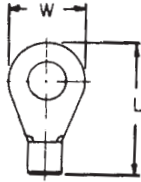
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Catalog Number	Wire Range	Stud Size	Dimensions	
			L	W
44120-B20	10-12	6	.90	.37
44121-B20	10-12	8	.90	.37
44122-B20	10-12	10	.90	.37
44123-B20	10-12	1/4	1.01	.52
44124-B20	10-12	5/16	1.01	.52
44125-B20	10-12	3/8	1.01	.59
44126-B20	10-12	7/16	1.13	.71
44127-B20	10-12	1/2	1.13	.71
44130-B10	8	10	1.20	.59
44131-B10	8	1/4	1.20	.59
44140-B10	6	10	1.18	.47
44141-B10	6	1/4	1.18	.47
44142-B10	6	5/16	1.26	.63
44143-B10	6	3/8	1.26	.63

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Can be supplied in bulk. Consult factory for part number. UL File E158587

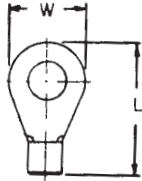
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Catalog Number	Wire Range	Stud Size	Dimensions	
			L	W
44150-B10	4	10	1.30	.66
44151-B10	4	1/4	1.30	.66
44152-B10	4	5/16	1.30	.66
44153-B10	4	3/8	1.30	.66
44154-B10	4	7/16	1.30	.66
44155-B10	4	1/2	1.90	.88
44160-B10	2	10	1.55	.60
44161-B10	2	1/4	1.55	.60
44162-B10	2	5/16	1.55	.70
44163-B10	2	3/8	1.55	.70
44164-B10	2	7/16	1.55	.81
44165-B10	2	1/2	1.93	.81
44170-B2	1/0	1/4	1.93	.88
44171-B2	1/0	5/16	1.93	.88
44172-B2	1/0	3/8	1.93	.88
44173-B2	1/0	7/16	1.93	.88
44174-B2	1/0	1/2	1.93	.88

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Can be supplied in bulk. Consult factory for part number. UL File E158587

TYPE ILSCONS

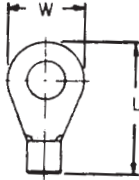
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Catalog Number	Wire Range	Stud Size	Dimensions	
			L	W
44180-B2	2/0	1/4	1.93	.88
44181-B2	2/0	5/16	1.93	.88
44182-B2	2/0	3/8	1.93	.88
44183-B2	2/0	7/16	1.93	.88
44184-B2	2/0	1/2	1.93	.88
44190-B2	3/0	1/4	1.97	.93
44191-B2	3/0	5/16	1.97	.93
44192-B2	3/0	3/8	1.97	.93
44193-B2	3/0	7/16	1.97	.93
44194-B2	3/0	1/2	1.97	.93
44195-B2	4/0	5/16	2.17	1.08
44196-B2	4/0	3/8	2.17	1.08
44197-B2	4/0	7/16	2.17	1.08
44198-B2	4/0	1/2	2.17	1.08

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Can be supplied in bulk. Consult factory for part number.

UL File E158587

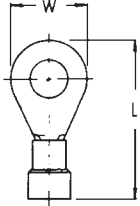
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Features

- Color coded
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- Electro-tin plated
- Vinyl insulation
- UL Listed and CSA Certified for 600 volts, 90° C

Benefits

- Provides easy wire range identification
#22-18 AWG Red
#16-14 AWG Blue
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- Ensures reliability for copper conductor



Catalog Number	Wire Range	Stud Size	Dimensions		Maximum Wire Insulated Diameter
			L	W	
44200-B10	18-22	4	.74	.22	.145
44201-B10	18-22	6	.91	.31	.145
44202-B10	18-22	8	.91	.31	.145
44203-B10	18-22	10	.91	.31	.145
44204-B10	18-22	1/4	1.10	.46	.145
44205-B10	18-22	5/16	1.14	.53	.145
44206-B10	18-22	3/8	1.14	.53	.145
44210-B10	14-16	4	.80	.25	.175
44211-B10	14-16	6	.88	.25	.175
44212-B10	14-16	8	.94	.31	.175
44213-B10	14-16	10	.94	.31	.175
44214-B10	14-16	1/4	1.06	.53	.175
44215-B10	14-16	5/16	1.06	.53	.175
44216-B10	14-16	3/8	1.06	.53	.175
44220-B10	10-12	6	.95	.28	.255
44221-B10	10-12	8	.95	.28	.255
44222-B10	10-12	10	1.00	.38	.255
44223-B10	10-12	1/4	1.22	.53	.255
44224-B10	10-12	3/8	1.33	.53	.255
44225-B10	10-12	7/16	1.46	.71	.255

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Can be supplied in bulk. Consult factory for part number.

UL File E158587

TYPE ILSCONS

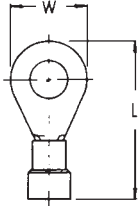
Features

- Color coded
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- Vinyl insulation
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Benefits

- Provides easy wire range identification
#22-18 AWG Red
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- Provides maximum conductivity
- Provides low contact resistance
- Provides tough pliable insulative qualities to protect connectors and wire from corrosion as well as providing some strain relief
- Ensures reliability for copper conductor

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Catalog Number	Wire Range	Stud Size	Dimensions		Maximum Wire Insulated Diameter
			L	W	
44226-B10	10-12	1/2	1.52	.75	.255
44230-B5	8	10	1.28	.47	.385
44231-B5	8	1/4	1.28	.47	.385
44240-B5	6	10	1.62	.47	.440
44241-B5	6	1/4	1.62	.47	.440
44242-B5	6	5/16	1.70	.63	.440
44243-B5	6	3/8	1.70	.63	.440
44250-B5	4	10	1.81	.66	.515
44251-B5	4	1/4	1.81	.66	.515
44252-B5	4	5/16	1.81	.66	.515
44253-B5	4	3/8	1.81	.66	.515
44254-B5	4	7/16	1.81	.66	.515
44255-B5	4	1/2	2.41	.88	.515
45314-P100	14-16	10	.94	.31	.175
45315-P100	14-16	1/4	1.06	.53	.175
45316-P100	14-16	5/16	1.06	.53	.175
45316N-P100*	14-16	5/16	1.06	.53	.175
45317-P100	14-16	3/8	1.06	.53	.175
45414-P50	10-12	10	1.00	.38	.255
45415-P50	10-12	1/4	1.22	.53	.255
45416-P50	10-12	5/16	1.46	.71	.255
45417-P50	10-12	3/8	1.33	.53	.255

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

* Nylon Insulated Ring Can be supplied in bulk. Consult factory for part number. UL File E158587

TYPE ILSCONS

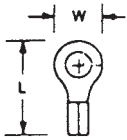
Features

- Manufactured from high strength steel alloy
- Electro-tin plated
- Silver solder brazed seam
- 900° F 482° C Continuous, 1200° F 649° C Intermittent

Benefits

- Provides maximum conductivity
- Provides low contact resistance
- May be crimped anywhere and will not split open, even under extreme operating stresses

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Catalog Number	Wire Range	Stud Size	Dimensions	
			L	W
44300-B20	18-22	4-6	.65	.25
44301-B20	18-22	8-10	.69	.31
44302-B20	18-22	12-1/4	.93	.56
44310-B20	14-16	4-6	.65	.25
44311-B20	14-16	8-10	.69	.31
44312-B20	14-16	12-1/4	.90	.46
44320-B20	10-12	4-6	.67	.28
44321-B20	10-12	8-10	.72	.37
44322-B20	10-12	12-1/4	.93	.53
44323-B20	10-12	5/16-3/8	.99	.60
44330-B10	8	12-1/4	.95	.47
44340-B10	6	5/16-3/8	1.22	.63

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)
Can be supplied in bulk. Consult factory for part number.

TYPE ILSCONS

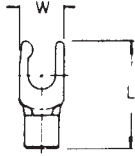
Features

- Manufactured from high strength copper alloy
- Electro-tin plated
- Silver solder brazed seam
- UL Listed and CSA Certified, 90° C

Benefits

- Provides maximum conductivity
- Provides low contact resistance
- May be crimped anywhere and will not split open, even under extreme operating stresses
- Ensures reliability for copper conductor

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Catalog Number	Wire Range	Stud Size	Dimensions	
			L	W
44400-B20	18-22	4	.68	.25
44401-B20	18-22	6	.68	.25
44402-B20	18-22	8	.68	.30
44403-B20	18-22	10	.68	.32
44410-B20	14-16	4	.68	.25
44411-B20	14-16	6	.68	.25
44412-B20	14-16	8	.68	.25
44413-B20	14-16	10	.68	.30
44414-B20	14-16	1/4	.90	.32
44420-B20	10-12	6	.73	.28
44421-B20	10-12	8	.73	.32
44422-B20	10-12	10	.73	.32
44423-B20	10-12	1/4	.94	.43

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

Can be supplied in bulk. Consult factory for part number.

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