

Table of Contents

2AB2	15	CO-OX-5G	43
2AB	15	CO-OX-8	43
2ABV	20	Copper Connectors	36
2BC	39	Copper Neutral Bars	42
3AB2	17	Connectors and Collars	40
3AB4	17	Copper Solderless Lugs	37
3ABV	20	Copper Splicers	41
4ABV	20	CS	40
6ABV	20	CSF-175	37
		Custom Connectors	9
A		F	
A1B2	13	Four Conductor Solderless Lugs	19
A2B2	16	FT	40
A3B2	18	G	
A4B4	19	GP4	28
AB-50-S	11	GPT-1/0	27
AB-70-S	11	GPT-2	27
AB-112-R	12	GPT2	28
AB-112S	11	GPT-250-0	27
AB-125-R	12	GPT-250-250	27
AB-125S	11	GPT-350	27
AB-250S	11	GPT-500	27
AB-300-R	12	GPT-750-500	27
AB-300S	11	GPT-750A	27
AB-350S	11	GT4-250	28
AB-500-1	12	GT4-350	28
AB-500S	11	GT4-500	28
AB-600-1	12	I	
AB-600S	11	Installation Instructions	46
AB-750S	11	Introduction	8
AB-1000S	11	L	
ABSG	14	LA	21
Accessory Products	43	LCB	42
Aluminum Neutral Bar Assemblies	30	LI	25
Aluminum Neutral Bars	29	N	
Aluminum Tap Connectors & Covers	27	N70	42
B		NA	29
BC	38	P	
C		Panelboard Solderless Lugs	20, 22
C2	41	PC	44
C4	41	Pictorial Index	3
C-54-S	40	PV	22
C-58-S	40		
C-68-S	40		
CA	25		
CF	37		
CO-OX-1G	43		

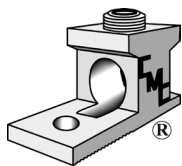


Table of Contents

R

Rectangular Connectors	25
Reducers	26
RL	34
ROTO-LUG®	34

S

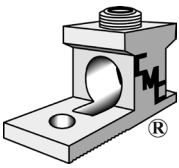
SCB-1/0	29
SCB-2/0	29
SCB-MB1	43
SG	23
Single Conductor Solderless Lugs	11, 21
SNB1/0	33
SNB2	32
SNB6	31
SNB-350	30
Splicers	26
SR	26
Switchgear Connectors	14, 23

T

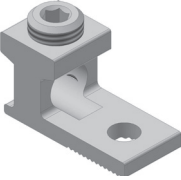
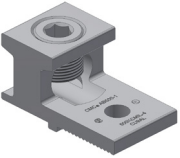
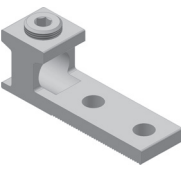
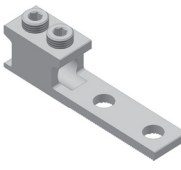
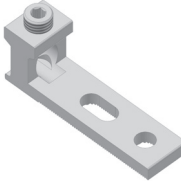
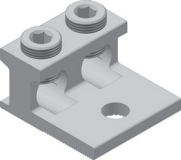
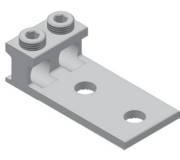
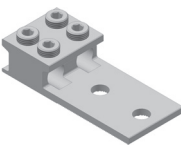
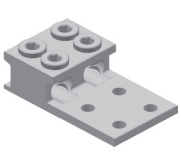
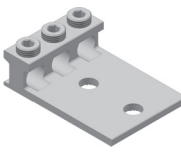
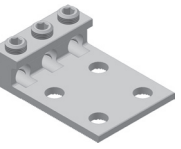
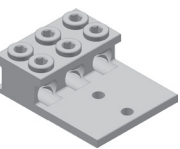
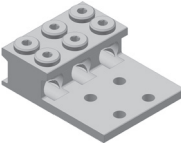
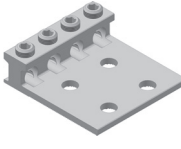
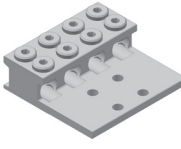
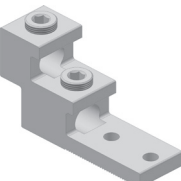
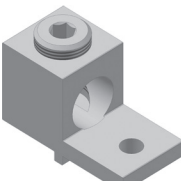
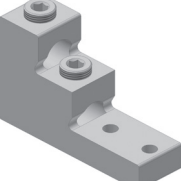
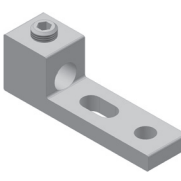
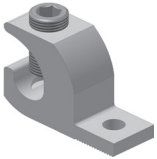
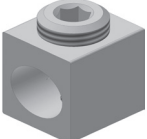
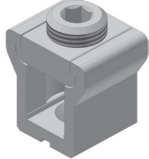
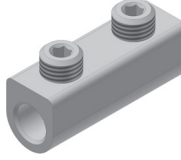
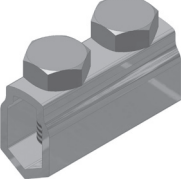
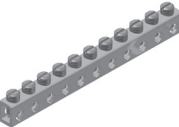
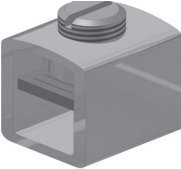
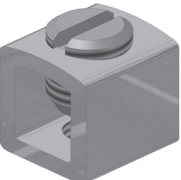
TC	27
Three Conductor Solderless Lugs	17
TLK	24
Torque Values	47
Transformer Lug Kits	24
Two Conductor Solderless Lugs	15

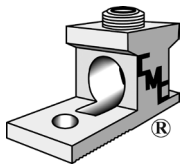
W

What's New	5
Wire Ranges	49
W/SNBI-1	30

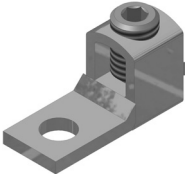
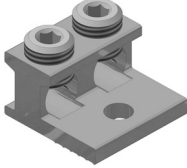
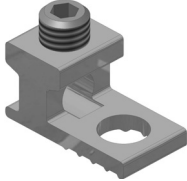
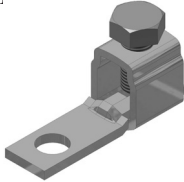
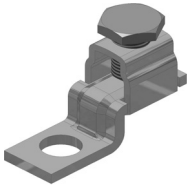
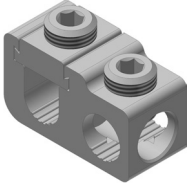
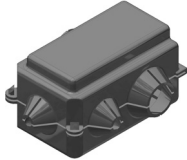
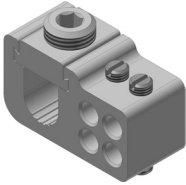
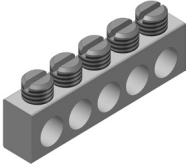
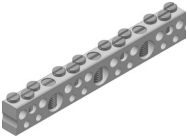
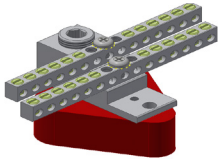
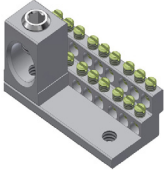
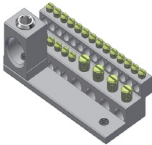
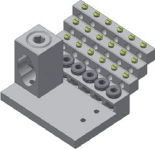


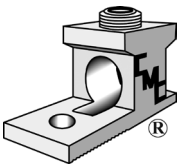
Pictorial Index

AB 	AB Anti-Turn 	A1B2 	A1B2-2 	
2AB 	2AB2 	A2B2 	A2B4 	3AB2 
3AB4 	A3B2 	A3B4 	4AB4 	A4B4 
ABV 	LA Anti-Turn 	PV 	SG 	TLK 
LI-S 	CA 	LI 	SR 	Accessories 
C2/C4 	N70 	LCB 	CS 	C 



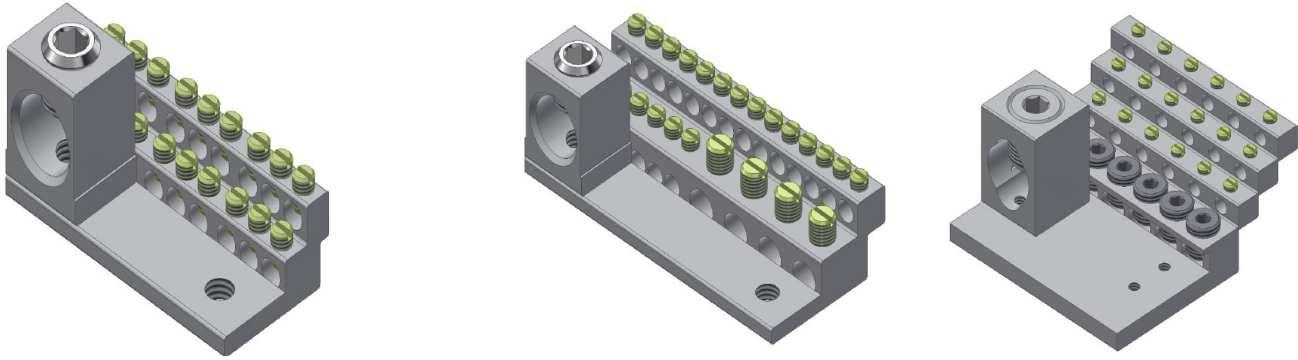
Pictorial Index

FT 	2BC 	BC 	CFS 	CF 
ROTO-LUG® 	GPT 	TC 	GP 	GT 
NA 	SCB 	SNB-350 	SNB6 	SNB2-6 
SNB1/0-6 				

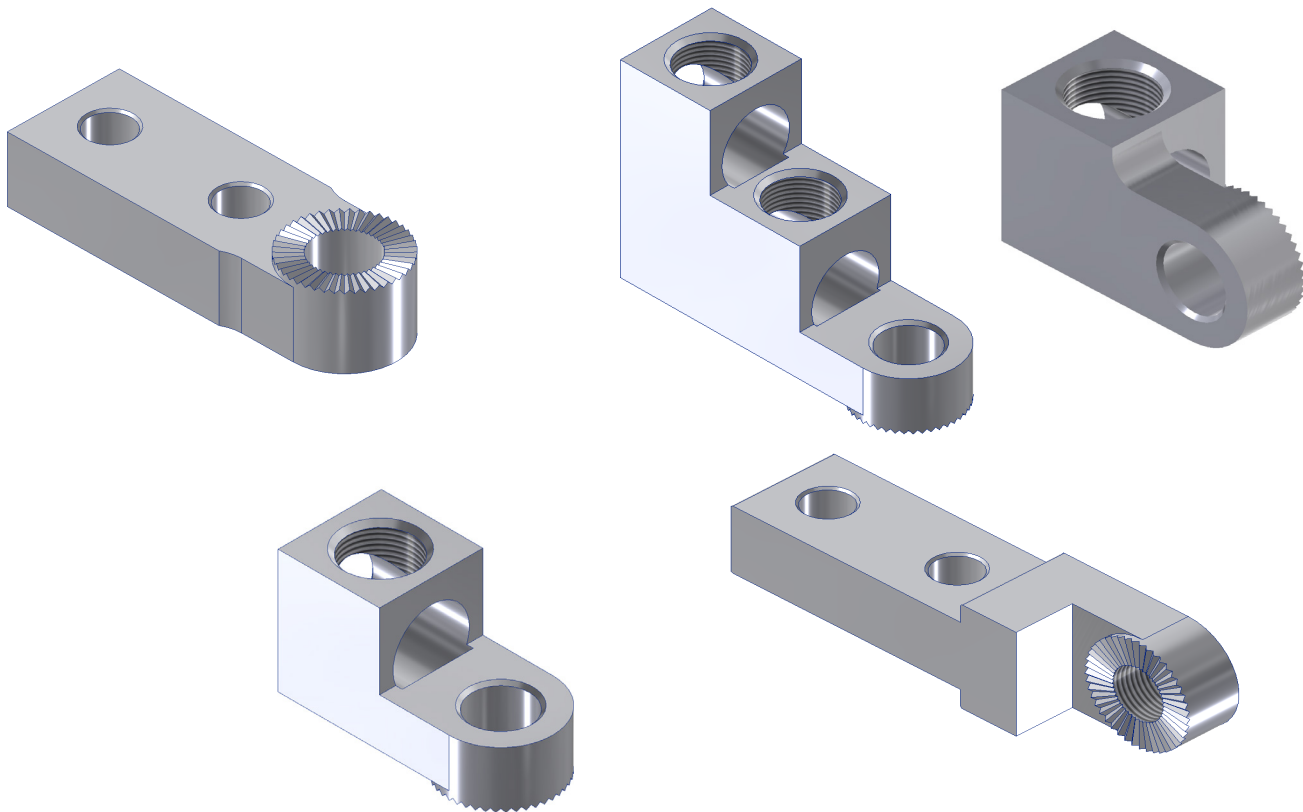


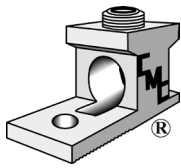
Aluminum Connectors

Neutral Bar Assemblies - 31

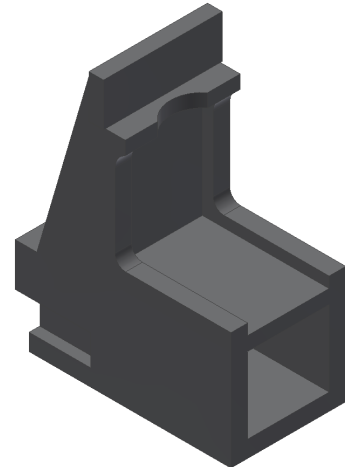


ROTO-LUG™ Connectors - 34

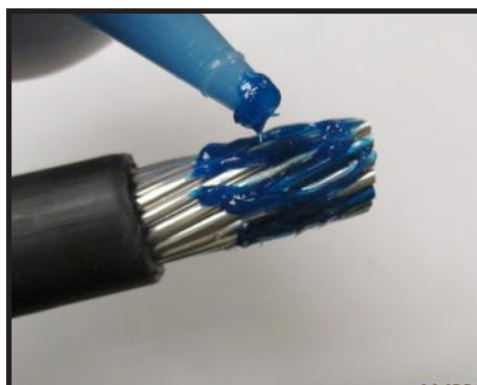


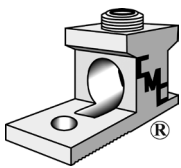


Accessory Products - 45



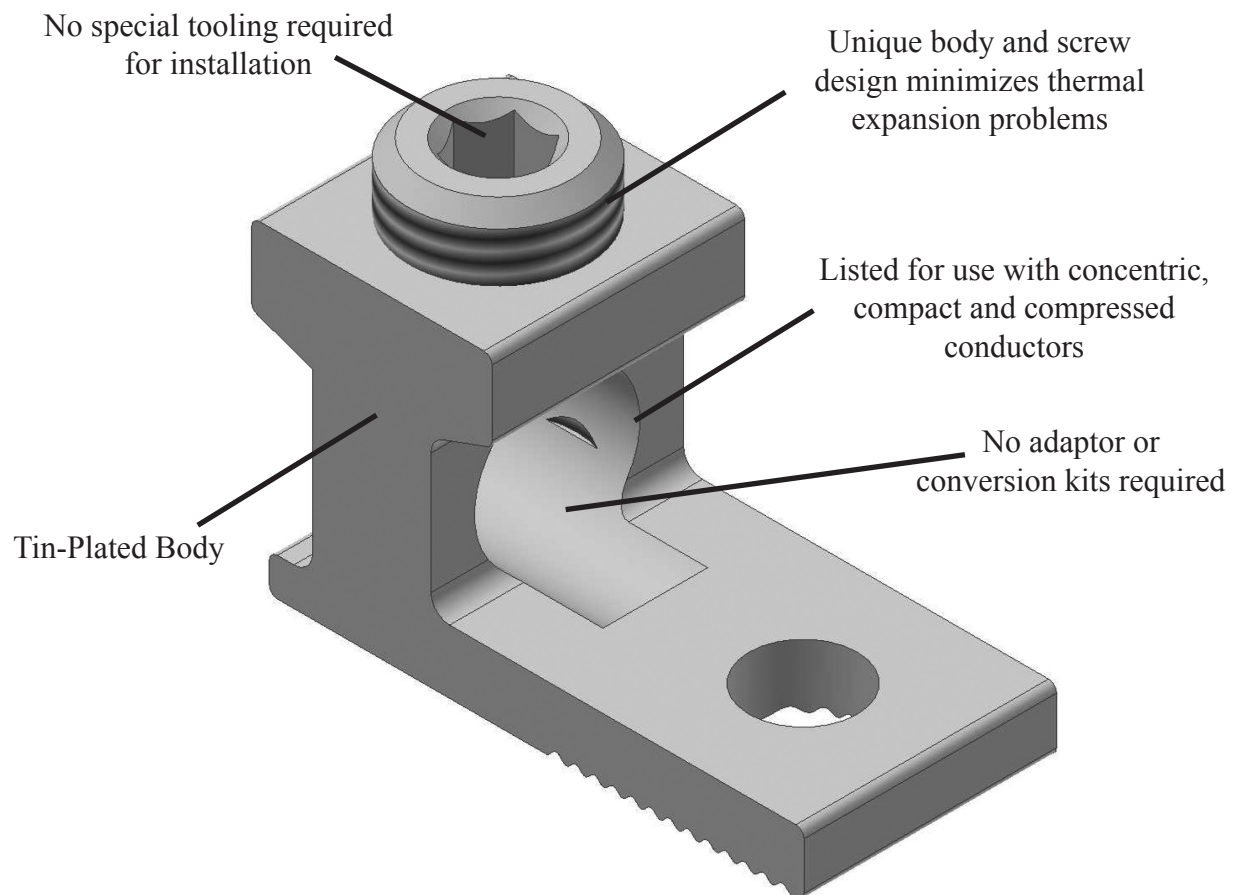
Installation Instructions - 46



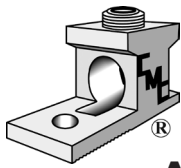


PosiGrip

A NEW, IMPROVED PATENTED LUG DESIGN



New generation of UL-486B Listed CSA Certified 90° C Rated Connectors



PosiGrip

Aluminum Dual Rated Mechanical Connectors

A new generation in mechanical connector performance.

Cool running over 500 heat cycles. Versatile, simple to use and low cost.



Introduction

CMC® introduces PosiGrip® aluminum dual-rated mechanical connectors. The PosiGrip line is designed to meet the rigorous requirements of 486B and CSA 1165A specifications covering connectors for use with aluminum and copper conductors. The PosiGrip line is fully listed by Underwriters Laboratories, Inc. and Canadian Standards Association. In addition, these connectors are EU RoHS compliant.

Low Resistance Design

Low initial contact resistance is the key to long life for any electrical connection and is the major element in meeting the demanding performance requirements of UL 486B. Connector Manufacturing Company's engineers have incorporated special new design concepts into the PosiGrip line. Uniquely designed I-Beam bodies and conductor hole configuration along with specially designed and treated screws; minimize high resistance connector failures due to thermal expansion, creep, and insufficient clamping force. The superior gripping action of the I-Beam design allows the set screw to separate conductor strands and break down inner stand oxidation even on compressed and compact aluminum conductors. Therefore, superior performance and long connector life are assured regardless of the type of conductor being used.

Versatility

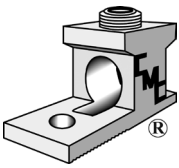
Each PosiGrip connector will accommodate a wide range of aluminum or copper conductor sizes of concentric, compressed or compact configurations. Only eleven connector sizes cover the range from #14 thru 1000 kcmil. In addition, they are UL listed and CSA certified for use with conductors having thermal insulation ratings of 90°C or less. This means greater flexibility in the type of conductor being used, less inventory to carry and fewer call backs because the installer doesn't have the right part. Easy to install; all you need is a screwdriver or an allen wrench.

Quality Assurance

To identify UL 486B connectors, UL requires such connectors to be marked CU9AL when listed for use with 90° C rated conductors. To be sure that the connector you buy meets all UL requirements, CMC® inspects each lot of PosiGrip connectors for integrity of physical dimensions, aluminum properties, set screw and conductor hole alignment, plating, along with screw and body thread class. Only connector lots meeting industry accepted quality levels are approved for shipment.

PosiGrip Lug Features

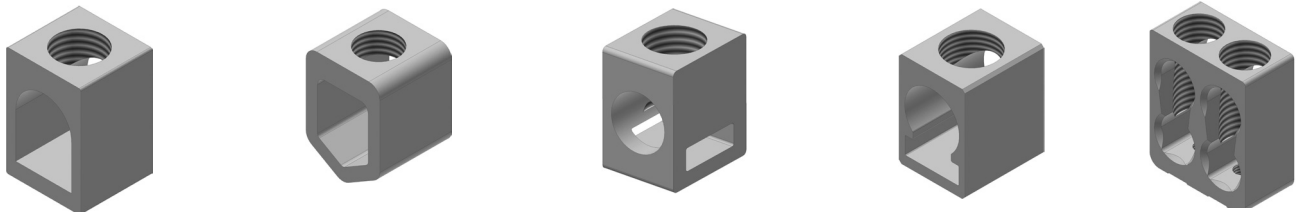
1. The unique ridges formed on the bottom of the contact surface are designed to provide positive contact points for an electrically secure joint of the lowest resistance for current flow. Just as a tripod provides tilt free contact on a smooth surface, this connector is designed to cause specific contact points where current can flow without "hot spots" created when two flat surfaces are joined together.
2. The screws used to clamp the conductor are designed to extend beyond the barrel sides of the connector to allow a better, more secure compression of the conductor. This design spreads conductor strands to help dissipate heat. In addition, this causes the maximum conductor to spread slightly more than the wire way opening which when installed improves its pull out safety features and capabilities.
3. The design of the wire way opening allows the conductor to enter the lug at the lowest point possible near the tang of the lug to provide optimum transfer of current creating a straight line flow through the connector for the least possible path of electrical resistance. A positive wire stop is provided with a step in the connector tang.



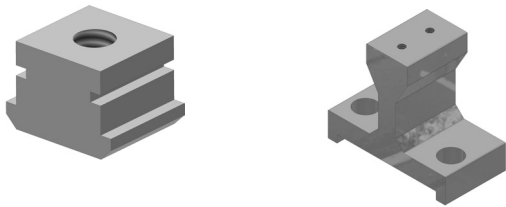
Custom Connectors

These special lugs were designed for individual needs. These connectors illustrate CMC's flexibility and ability to assist the customer in the design of connectors to meet whatever requirements they may have.

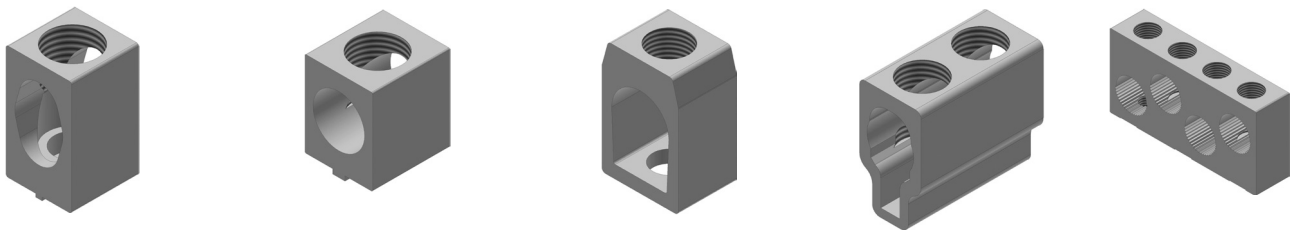
Special Inside-Mounted Connectors



Special Spacers

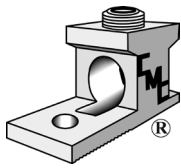


Special Top-Mounted Connectors



Special Styles





CMC® Aluminum Connectors

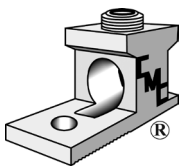
CMC is proud to supply the industry with a line of electrical connectors fabricated from the very best aluminum alloy, 6061-T6. This choice was predicated upon many design factors to achieve the best balance between strength and conductivity. Both factors are of extreme importance in connector design calculations. The aluminum extrusions have almost a two-to-one advantage in yield strength to that of a sand cast alloy 356 or die cast alloy AXS679, permitting an extra margin of safety while the conductivity is a most favorable 43% IACS.

The set and socket screw mechanical connectors are designed to utilize the advantages of the 6061-T6 alloy temper for high yield strength while providing a connector of low stress. Screw pressure is designed to break through aluminum conductor oxide by cold flow process that ensures a low resistance connection. Sufficient pressure is maintained on the conductor to prevent the reforming of the aluminum oxide. The pressure, combined with the high conductivity factor, will result in a connector operating temperature below that of the conductor.

We therefore, offer these advantages in connector design:

1. Compact design
2. High strength aluminum
3. Relative light weight construction
4. Economic
5. Tested products in accordance with the Underwriters Laboratories and the Canadian Standards Association requirements for listing.

These factors together with our dedication for the highest quality standards available and an unsurpassed service level, provide our customers with maximum reliability.



Single Conductor Solderless Lugs

PosiGrip

TYPE: AB

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features



Custom configurations available upon request.

Catalog Number	Fig	Screw	Stud Size* mm	Cond. Range mm ²	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
AB-50-S	1	Slot	1/4	6-14	.49	.5	1.06	.31	.09
			6.35	16-1.5	12.45	12.70	26.92	7.87	2.29
AB-70-S	1	Slot	1/4	2-14	.55	.50	1.16	.31	.10
			6.35	25-1.5	13.97	12.70	29.46	7.87	2.54
AB-112S	1	Slot or Hex	1/4	1/0-14	.78	.62	1.31	.31	.16
			6.35	50-1.5	19.81	15.75	33.27	7.87	4.06
AB-125S	1	Slot or Hex	1/4	2/0-14	.78	.63	1.47	.38	.19
			6.35	50-1.5	19.81	16.00	37.34	9.65	4.83
AB-250S	2	0.31H	5/16	250-6	1.09	.88	2.00	.44	.22
			7.87	120-16	27.69	22.35	50.80	11.18	5.59
AB-300S	2	.31H	3/8	300-6	1.13	1.00	2.00	.50	.25
			9.53	150-16	28.70	25.40	50.8	12.70	6.35
AB-350S	2	.31H	5/16	350-6	1.19	1.00	2.25	.56	.25
			7.87	185-16	30.23	25.40	57.15	14.22	6.35
AB-500S	2	.38H	3/8	500-4	1.44	1.25	2.63	.63	.31
			9.65	240-16	36.58	31.75	66.80	16.00	7.87
AB-600S	2	.38H	3/8	600-2	1.56	1.43	3.19	.88	.38
			9.65	300-25	39.62	36.32	81.03	22.35	9.65
AB-750S	2	.38H	5/8	750-1/0	1.80	1.43	3.25	.88	.44
			15.88	300-50	45.72	36.32	82.55	22.35	11.18
AB-1000S	2	.50H	1/2	1000-500	1.94	1.62	3.50	.88	.44
			12.70	500-240	49.28	41.15	88.90	22.35	11.18

*This dimension can be altered per customer requirements.

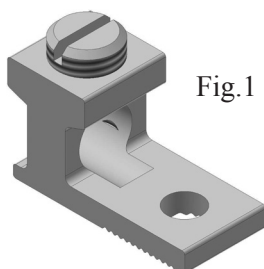


Fig.1

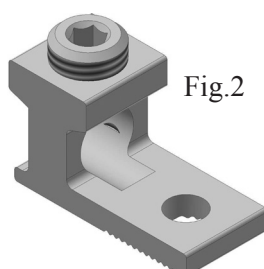
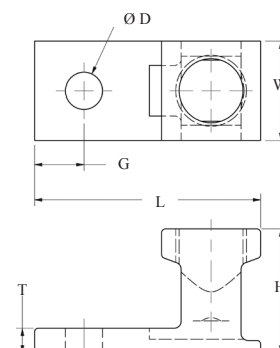
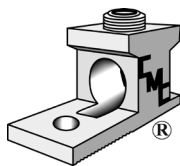


Fig.2





Single Conductor Solderless Lugs

PosiGrip

90° C Rating (486B Listed)

TYPE: AB - Anti-Turn Series

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features



Custom configurations available upon request.

Catalog Number	Fig	Cond. Range AWG mm ²	Stud Size* mm	H	W	L
				Dimensions - inches		
				Dimensions - millimeters		
AB-112-R	1	1/0-14	1/4	.78	.63	1.31
		50-1.5	6.35	19.81	16.00	33.27
AB-125-R	1	2/0-14	1/4	.78	.63	1.47
		50-1.5	6.35	19.81	16.00	37.34
AB-300-R	1	300-6	1/4	1.13	.88	1.78
		150-16	6.35	28.70	22.35	45.21
AB-500-1	2	500-4	3/8	1.44	1.38	2.48
		240-16	9.53	36.58	35.05	62.99
AB-600-1	2	600-2	3/8	1.56	1.38	2.75
		300-25	9.53	39.62	35.05	69.85

*This dimension can be altered per customer requirements.

**Products marked "-1" use the PosiGrip Design.

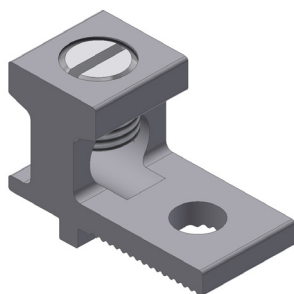


Fig.1

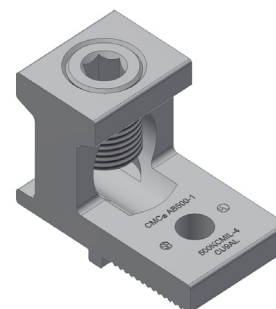
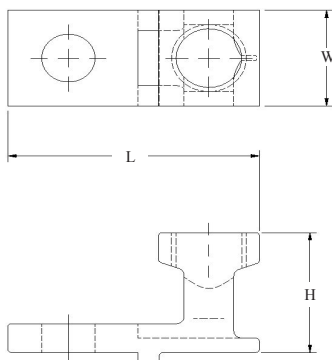
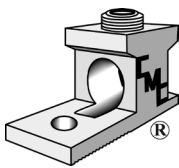


Fig.2



Single Conductor Solderless Lugs

PosiGrip

TYPE: A1B2/A1B2-2

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated
- Easy Installation
- Improved Pull-Out and Safety Features

Benefits



Custom configurations available upon request.

Catalog Number	Fig	Screw Type mm	Stud Size* mm	Cond. Range AWG mm ²	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
A1B2-350	1	.31H	1/2	350-6	1.19	1.00	4.25	.63	.25
		7.87	12.70	185-16	30.23	25.4	107.95	16.00	6.35
A1B2-500	1	.38H	1/2	500-2	1.56	1.25	4.59	.63	.38
		9.65	12.70	240-25	39.62	31.75	116.59	16.00	9.65
A1B2-600	1	.38H	1/2	600-2	1.56	1.25	4.59	.63	.38
		9.65	12.70	300-25	39.62	31.75	116.59	16.00	9.65
A1B2-750	1	.38H	1/2	750-1	1.81	1.43	4.84	.63	.44
		9.65	12.70	300-35	45.97	36.32	122.94	16.00	11.18
A1B2-1000	1	.50H	1/2	1000-500	1.94	1.63	4.94	.63	.44
		12.70	12.70	500-240	49.28	41.40	125.48	16.00	11.18
A1B2-350-2	2	.31H	1/2	350-6	1.19	1.13	5.37	.62	.25
		7.87	12.70	185-16	30.23	28.70	136.40	15.75	6.35
A1B2-500-2	2	.38H	1/2	500-4	1.56	1.50	5.62	.63	.38
		9.65	12.70	240-16	39.62	38.10	142.75	16.00	9.65
A1B2-600-2	2	.38H	1/2	600-2	1.56	1.50	5.62	.63	.38
		9.65	12.70	300-25	39.62	38.10	142.75	16.00	9.65
A1B2-750-2	2	.38H	1/2	750-300	1.94	1.50	6.19	.63	.44
		9.65	12.70	300-150	49.28	38.10	157.23	16.00	11.18
A1B2-1000-2	2	.50H	1/2	1000-500	1.94	1.63	6.19	.63	.44
		12.70	12.70	500-240	49.28	41.40	157.23	16.00	11.18

*This dimension can be altered per customer requirements.

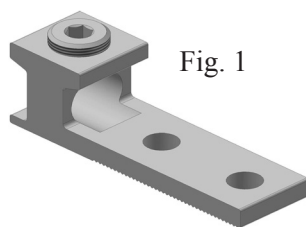
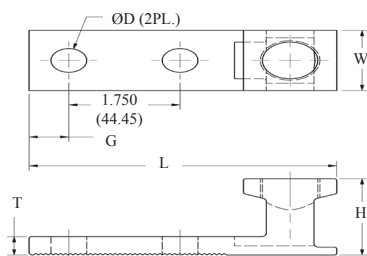


Fig. 1

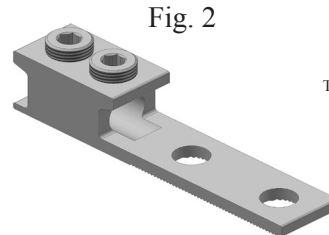


Fig. 2

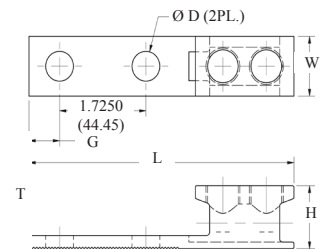
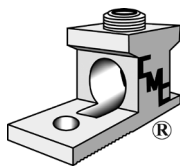


Fig. 2

Fig. 1



Switchgear Connectors

PosiGrip

TYPE: ABSG

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features



Custom configurations available upon request.

Catalog Number	Fig	Screw Type mm	Stud Size* mm	Cond. Range AWG mm ²	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
ABSG-350	1	.31H	1/2	350-4	1.19	1.25	4.68	.72	.25
		7.87	12.70	185-16	30.23	31.75	118.87	18.29	6.35
ABSG-500	1	.38H	1/2	500-400	1.44	1.25	4.68	.72	.31
		9.65	12.70	240-185	36.58	31.75	118.87	18.29	7.87
ABSG-750	2	.38H	1/2	750-300	1.94	1.62	6.19	.72	.44
		9.65	12.70	300-150	49.28	41.15	157.23	18.29	11.18
ABSG-1000	2	.50H	1/2	1000-300	1.94	1.62	6.19	.72	.44
		12.70	12.70	500-150	49.28	41.15	157.23	18.29	11.18

*This dimension can be altered per customer requirements.

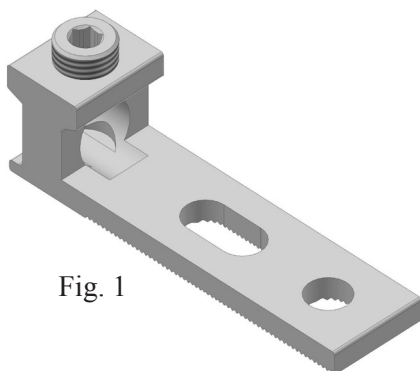


Fig. 1

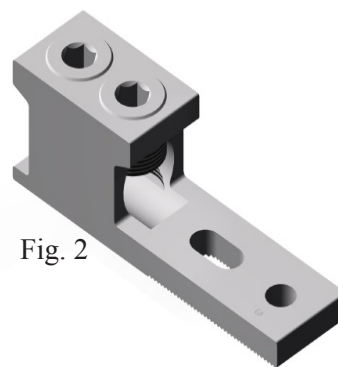
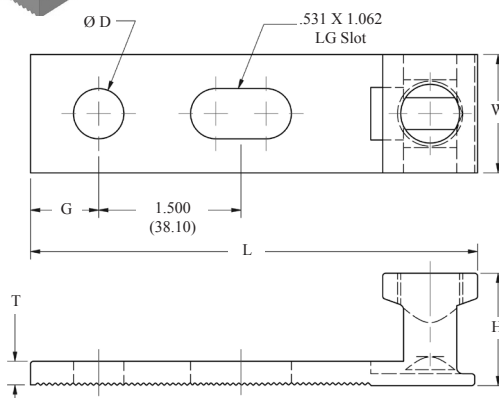
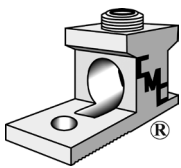


Fig. 2





Two Conductor Solderless Lugs

PosiGrip

TYPE: 2AB/2AB2

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

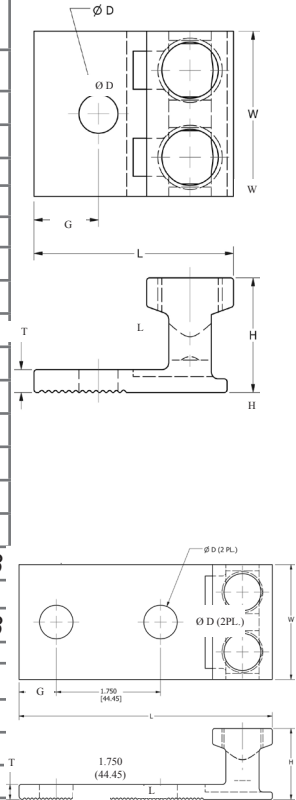
Benefits

- Easy Installation
- Improved Pull-Out and Safety Features



Custom configurations available upon request.

Catalog Number	Fig	Screw Type mm	Stud Size* mm	Cond. Range AWG mm ²	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
2AB-112	1	Slot or Hex	1/4	1/0-14	.78	1.13	1.31	.44	.16
			6.35	50-1.5	19.81	28.70	33.27	11.18	4.06
2AB-125	1	Slot or Hex	1/4	2/0-14	.78	1.25	1.47	.42	.19
			6.35	50-1.5	19.81	31.75	37.34	10.67	4.83
2AB-250	2	.31H	3/8	250-6	1.09	1.62	2.56	.53	.22
			9.53	120-16	27.69	41.15	65.02	13.46	5.59
2AB-350	2	.31H	3/8	350-6	1.19	1.92	2.88	.63	.25
			9.53	185-16	30.23	48.77	73.15	16.00	6.35
2AB-500	2	.38H	1/2	500-4	1.44	2.41	2.63	.63	.31
			9.65	240-16	36.58	61.21	66.80	16.00	7.87
2AB-600	2	.38H	1/2	600-2	1.56	2.41	3.19	.63	.38
			9.65	300-25	39.62	61.21	81.03	16.00	9.65
2AB-750	2	.38H	1/2	750-1/0	1.81	3.50	3.25	.88	.44
			9.65	300-50	45.97	88.90	82.55	22.35	11.18
2AB-1000	2	.50H	1/2	1000-500	1.94	3.50	3.50	.88	.44
			12.70	500-240	49.28	88.90	88.90	22.35	11.18
2AB2-350	3	.31H	1/2	350-6	1.19	1.92	4.25	.63	.25
			9.65	185-16	30.23	48.77	107.95	16.00	6.35
2AB2-500	3	.38H	1/2	500-4	1.56	2.40	4.59	.63	.38
			9.65	240-16	39.62	60.96	116.59	16.00	9.65
2AB2-600	3	.38H	1/2	600-2	1.56	2.40	4.59	.63	.38
			9.65	300-25	39.62	60.96	116.59	16.00	9.65
2AB2-750	3	.38H	5/8	750-1/0	1.81	3.50	4.84	.63	.44
			15.88	300-50	45.97	88.90	122.94	16.00	11.18
2AB2-1000	3	.50H	5/8	1000-500	1.94	3.50	4.94	.63	.44
			15.88	500-240	49.28	88.90	125.48	16.00	11.18



*This dimension can be altered per customer requirements.

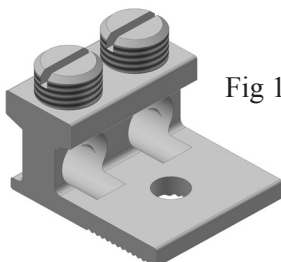


Fig 1

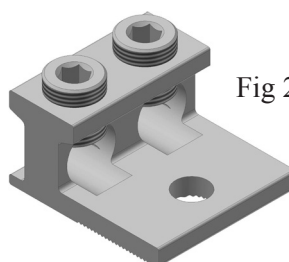


Fig 2

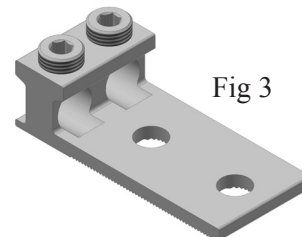
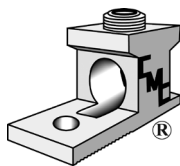


Fig 3



Two Conductor Solderless Lugs

PosiGrip

TYPE: A2B2/A2B4

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features



Custom configurations available upon request.

Catalog Number	Fig	Screw Type mm	Stud Size* mm	Cond. Range AWG mm ²	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
A2B2-350	1	.31H	1/2	350-6	1.19	2.90	5.37	.62	.25
		7.87	12.70	185-16	30.23	73.66	136.40	15.75	6.35
A2B2-500	1	.38H	1/2	500-4	1.56	2.40	5.62	.63	.38
		9.65	12.70	240-16	39.62	60.96	142.75	16.00	9.65
A2B2-600	1	.38H	1/2	600-2	1.56	2.74	5.62	.63	.38
		9.65	12.70	300-25	39.62	69.60	142.75	16.00	9.65
A2B2-750	1	.38H	1/2	750-300	1.94	3.50	6.19	.63	.44
		9.65	12.70	300-150	49.28	88.90	157.23	16.00	11.18
A2B2-1000	1	.50H	1/2	1000-500	1.94	3.50	6.19	.63	.44
		12.70	12.70	500-240	49.28	88.90	157.23	16.00	11.18
A2B4-750	2	.38H	1/2	750-300	1.94	3.50	6.19	.63	.44
		9.65	12.70	300-150	49.28	88.90	157.23	16.00	11.18
A2B4-1000	2	.50H	1/2	1000-500	1.94	3.50	6.19	.63	.44
		12.70	12.70	500-240	49.28	88.90	157.23	16.00	11.18

*This dimension can be altered per customer requirements.

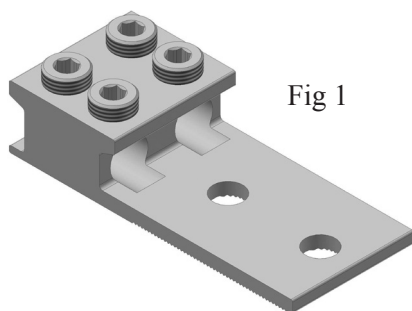


Fig 1

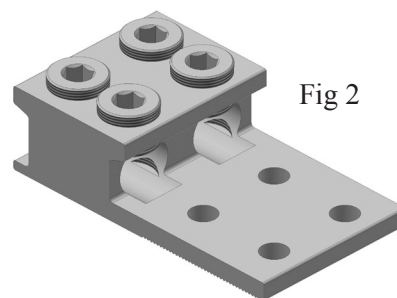
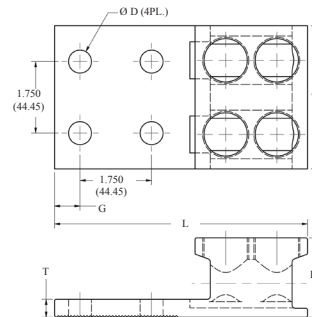
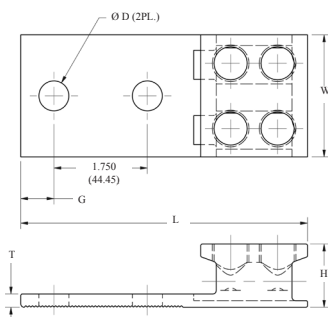
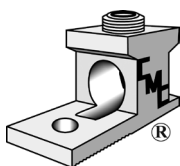


Fig 2





Three Conductor Solderless Lugs

TYPE: 3AB2 / 3AB4

PosiGrip

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features



Custom configurations available upon request.

Catalog Number	Fig	Screw Type mm	Stud Size* mm	Cond. Range AWG mm ²	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
3AB2-112	1	Slot or Hex	3/8	1/0-14	.78	1.94	2.75	.34	.19
			9.53	50-1.5	19.81	49.28	69.85	8.64	4.83
3AB2-125	1	Slot or Hex	3/8	2/0-14	.78	1.94	2.75	.34	.19
			9.53	50-1.5	19.81	49.28	69.85	8.64	4.83
3AB2-250	2	.31H	1/2	250-6	1.19	2.46	4.25	.63	.25
		7.87	12.70	120-16	30.23	62.48	107.95	16.00	6.35
3AB2-350	2	.31H	1/2	350-6	1.19	2.92	4.25	.63	.25
		7.87	12.70	185-16	30.23	74.17	107.95	16.00	6.35
3AB2-500	2	.38H	1/2	500-4	1.56	3.67	4.59	.63	.38
		9.65	12.70	240-16	39.62	93.22	116.59	16.00	9.65
3AB4-250	3	.31H	1/2	250-6	1.19	3.00	4.25	.63	.25
		7.87	12.70	120-16	30.23	76.20	107.95	16.00	6.35
3AB4-350	3	.31H	1/2	350-6	1.19	3.00	4.25	.63	.25
		7.87	12.70	185-16	30.23	76.20	107.95	16.00	6.35
3AB4-500	3	.38H	1/2	500-4	1.56	3.75	4.59	.63	.38
		9.65	12.70	240-16	39.62	95.25	116.32	16.00	9.65

*This dimension can be altered per customer requirements.

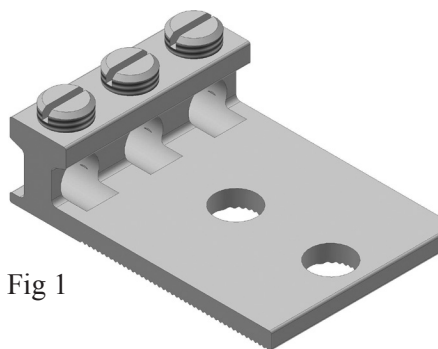


Fig 1

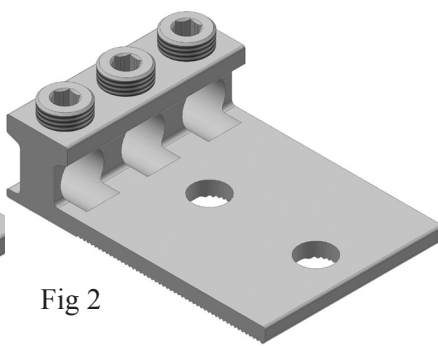


Fig 2

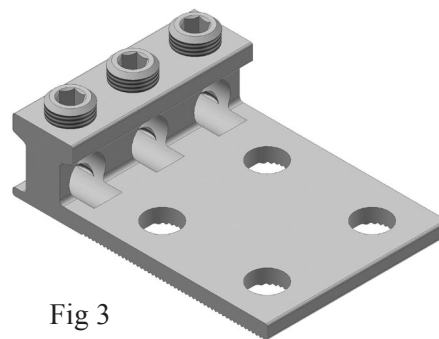
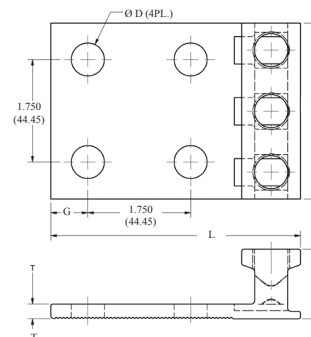
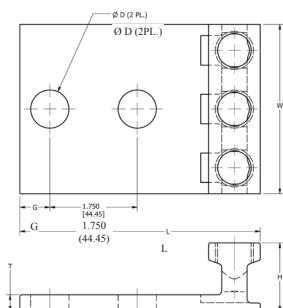
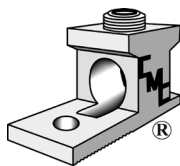


Fig 3





Three Conductor Solderless Lugs

PosiGrip

TYPE: A3B2 / A3B4

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features



Custom configurations available upon request.

Catalog Number	Fig	Screw Type mm	Stud Size* mm	Cond. Range AWG mm ²	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
A3B2-600	1	.38H	1/2	600-2	1.56	4.18	5.62	.63	.38
		9.65	12.70	300-25	39.62	106.17	142.75	16.00	9.65
A3B2-750	1	.38H	1/2	750-300	1.94	4.86	6.19	.63	.44
		9.65	12.70	300-150	49.28	123.44	157.23	16.00	11.18
A3B2-1000	1	.50H	1/2	1000-500	1.94	4.86	6.19	.63	.44
		12.70	12.70	500-240	49.28	123.44	157.23	16.00	11.18
A3B4-600	2	.38H	1/2	600-2	1.56	4.18	5.62	.63	.38
		9.65	12.70	300-25	39.62	106.17	142.75	16.00	9.65
A3B4-750	2	.38H	1/2	750-300	1.94	4.86	6.19	.63	.44
		9.65	12.70	300-150	49.28	123.44	157.23	16.00	11.18
A3B4-1000	2	.50H	1/2	1000-500	1.94	4.86	6.19	.63	.44
		12.70	12.70	500-240	49.28	123.44	157.23	16.00	11.18

*This dimension can be altered per customer requirements.

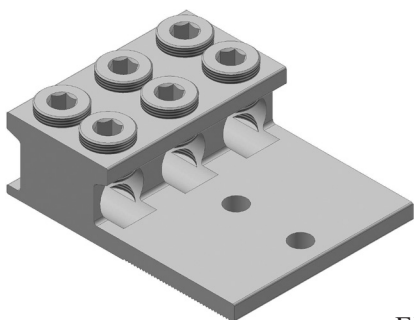


Fig 1

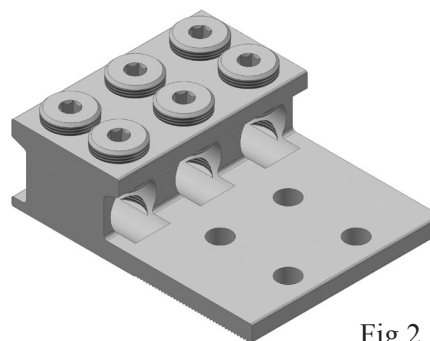
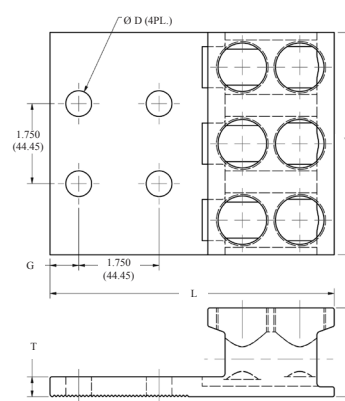
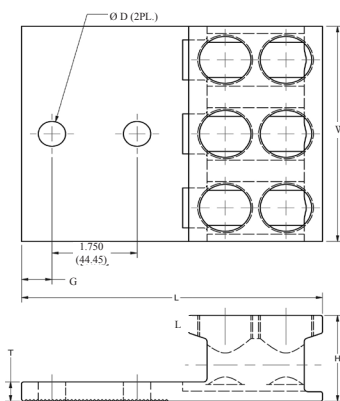
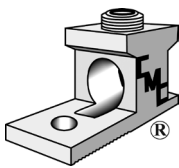


Fig 2





Four Conductor Solderless Lugs

TYPE: 4AB4 / A4B4

PosiGrip

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features



Custom configurations available upon request.

Catalog Number	Fig	Screw Type <i>mm</i>	Stud Size* <i>mm</i>	Cond. Range AWG <i>mm²</i>	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
4AB4-250	1	.31H	1/2	250-6	1.19	4.00	4.25	.63	.25
		7.87	12.70	120-16	30.23	101.60	107.95	16.00	6.35
4AB4-350	1	.31H	1/2	350-6	1.19	4.00	4.25	.63	.25
		7.87	12.70	185-16	30.23	101.60	107.95	16.00	6.35
4AB4-500	1	.38H	1/2	500-4	1.56	5.00	4.59	.63	.38
		9.65	12.70	240-16	39.62	127.00	116.59	16.00	9.65
A4B4-600	2	.38H	1/2	600-2	1.56	5.63	5.62	.63	.38
		9.65	12.70	300-25	39.62	143.00	142.75	16.00	9.65
A4B4-750	2	.38H	1/2	750-300	1.94	6.53	6.19	.63	.44
		9.65	12.70	300-150	49.28	165.86	157.23	16.00	11.18
A4B4-1000	2	.50H	1/2	1000-500	1.94	6.53	6.19	.63	.44
		12.70	12.70	500-240	49.28	165.86	157.23	16.00	11.18

*This dimension can be altered per customer requirements.

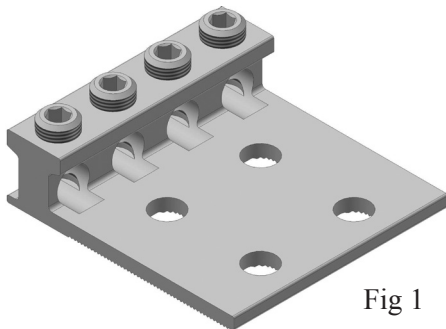


Fig 1

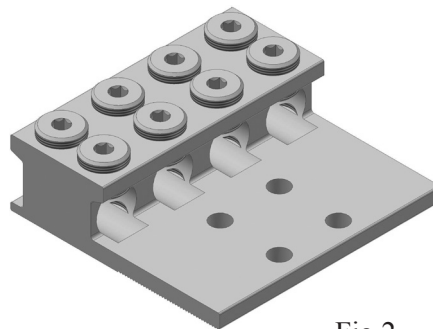
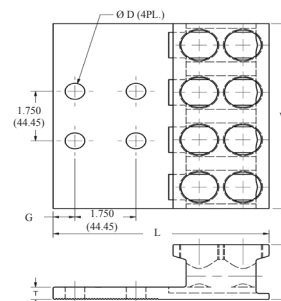
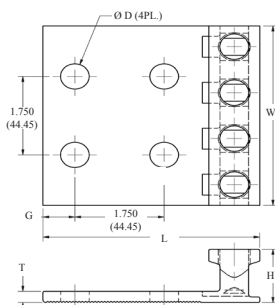
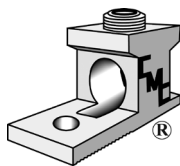


Fig 2





Panelboard Solderless Lugs

TYPE: ABV / ABV-2N

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Patented PosiGrip Design
- Positive Wire Stop
- Dual-Rated

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features

Custom configurations available upon request.

Catalog Number	Fig	Screw	Stud Size* mm	Cond. Range	H	W	L	G	T
					Dimensions - inches				
					Dimensions - millimeters				
2ABV-500	1	.38H	3/8	500-4	3.00	1.50	4.91	.38	.50
		9.65	9.53	240-16	76.20	38.10	124.71	9.65	12.70
2ABV-600	1	.38H	3/8	600-2	3.00	1.50	4.91	.38	.50
		9.65	9.53	300-25	76.20	38.10	124.71	9.65	12.70
2ABV-750	1	.38H	3/8	750-1/0	3.00	1.50	4.91	.38	.50
		9.65	9.53	300-50	76.20	38.10	124.71	9.65	12.70
3ABV-500	2	.38H	3/8	500-4	3.00	2.50	4.91	.38	.50
		9.65	9.53	240-16	76.20	63.50	124.71	9.65	12.70
3ABV-600	2	.38H	3/8	600-2	3.00	2.50	4.91	.38	.50
		9.65	9.53	300-25	76.20	63.50	124.71	9.65	12.70
3ABV-750	2	.38H	3/8	750-1/0	3.00	2.50	4.91	.38	.50
		9.65	9.53	300-50	76.20	63.50	124.71	9.65	12.70
4ABV-500	3	.38H	3/8	500-4	3.00	2.50	4.91	.38	.50
		9.65	9.53	240-16	76.20	63.50	124.71	9.65	12.70
4ABV-600	3	.38H	3/8	600-2	3.00	2.50	4.91	.38	.50
		9.65	9.53	300-25	76.20	63.50	124.71	9.65	12.70
4ABV-750	3	.38H	3/8	750-1/0	3.00	2.63	4.91	.38	.50
		9.65	9.53	300-50	76.20	66.80	124.71	9.65	12.70
2ABV-600-2N**	1	.38H	1/2	600-2	3.00	1.50	5.34	.63	.50
		9.65	12.70	300-25	76.20	38.10	135.74	16.00	12.70
3ABV-600-2N**	2	.38H	1/2	600-2	3.00	2.50	5.34	.63	.50
		9.65	12.70	300-25	76.20	63.50	135.74	16.00	12.70
4ABV-600-2N**	3	.38H	1/2	600-2	3.00	2.47	5.34	.63	.50
		9.65	12.70	300-25	76.20	62.74	135.74	16.00	12.70
6ABV-600-2N**	4	.38H	1/2	600-2	3.00	3.75	5.34	.63	.50
		9.65	12.70	300-25	76.20	95.25	135.74	16.00	12.70
2ABV-750-4N**	1	.38H	1/2	750-1/0	3.00	1.50	5.34	.50	.50
		9.65	12.70	300-50	76.20	38.10	135.74	12.70	12.70
3ABV-750-4N**	2	.38H	1/2	750-1/0	3.00	2.50	5.34	.50	.50
		9.65	12.70	300-50	76.20	63.50	135.74	12.70	12.70
4ABV-750-4N**	3	.38H	1/2	750-1/0	3.00	2.75	5.34	.50	.50
		9.65	12.70	300-50	76.20	69.85	135.74	12.70	12.70
6ABV-750-4N**	4	.38H	1/2	750-1/0	3.00	3.75	5.34	.50	.50
		9.65	12.70	300-50	76.20	95.25	135.74	12.70	12.70

*This dimension can be altered per customer requirements.

**Products marked "-2N" or "-4N" are NEMA spaced.

PosiGrip
90° C Rating (486B Listed)

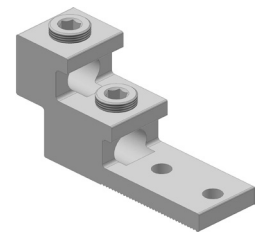


Fig 1

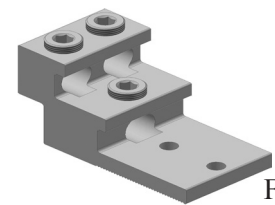
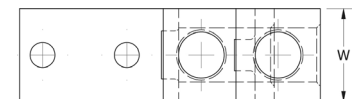


Fig 2

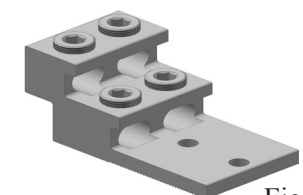
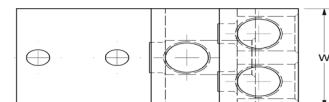


Fig 3

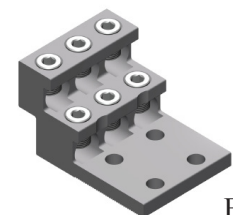
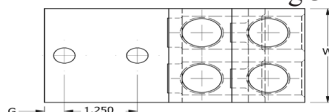
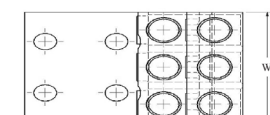
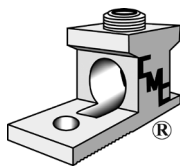


Fig 4





Single Conductor Solderless Lugs

TYPE: LA and LA - Anti-Turn Series

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Anti-Turn Design
- Electro-Tin Plated
- Dual-Rated

Benefits

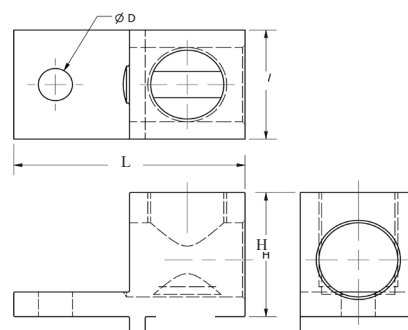
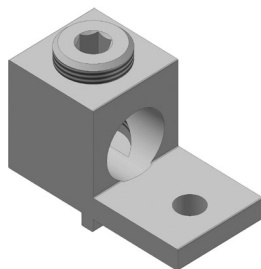
- Easy Installation
- Connectors are Reusable



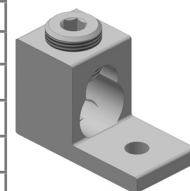
Custom configurations available upon request.

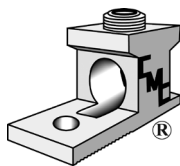
Catalog Number	Cond. Range AWG mm	Stud Size* mm	H	W	L	R
			Dimensions - inches			
			Dimensions - millimeters			
LA-2R	4-14	1/4	.55	.50	1.16	.52
	16-1.5	6.35	13.97	12.70	29.46	13.21
LA-1/0R	1/0-14	1/4	.81	.63	1.47	.50
	50-1.5	6.35	20.57	16.00	37.34	12.70
LA-2/0R	2/0-14	1/4	.78	.60	1.20	.30
	50-1.5	6.35	19.81	15.24	30.48	11.94
LA-300R	300-6	1/4	1.13	.98	2.00	.49
	150-16	6.35	28.70	24.89	50.80	12.45
LA-350R	350-6	5/16	1.13	1.00	1.91	.50
	185-16	7.87	28.70	25.40	48.51	12.70
LA-625R	(1) 600-2 / (2) 250-1/0	3/8	1.62	1.38	2.62	1.14
	(1) 400-25 / (2) 150-50	9.65	39.88	35.05	66.55	22.35
LA-600R	600-2	3/8	1.57	1.38	2.75	.88
	300-25	9.65	39.88	35.05	69.85	22.35

*This dimension can be altered per customer requirements.



Catalog Number	Cond. Range AWG mm	Stud Size* mm	H	W	L	R
			Dimensions - inches			
			Dimensions - millimeters			
LA-630	600-4/(2) 250-1/0	3/8	1.81	1.38	2.81	.52
	300-16/(2) 120-50	9.65	45.97	35.05	71.37	13.21
LA-750	750-2 /(2) 300-1/0	3/8	1.81	1.38	2.81	.50
	300-25/(2) 150-50	9.65	45.97	35.05	71.37	12.70





Panelboard Solderless Lugs

TYPE: PV

90° C Rating (486B Listed)



Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

Benefits

- Easy Installation
- Connectors are Reusable

Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range AWG mm ²	Stud Size* mm	H	W	L
				Dimensions, inches		
				Dimensions, millimeters		
PV2-300	1	300-6 (2)	5/16	2.00	1.00	3.00
		150-16 (2)	7.87	50.80	25.40	76.20
PV2-500	2	500-2 (2)	3/8 (2)	3.00	1.50	4.91
		240-25 (2)	9.65 (2)	76.20	38.10	124.71
PV2-600	2	600-2 (2)	3/8 (2)	3.00	1.50	4.91
		300-25 (2)	9.65 (2)	76.20	38.10	124.71
PV2-750	2	750-1/0 (2)	3/8 (2)	3.00	1.56	4.91
		300-50 (2)	9.65 (2)	76.20	39.62	124.71
PV3-500	3	500-2 (2)	3/8 (2)	3.00	2.50	4.91
		240-25 (2)	9.65 (2)	76.20	63.50	124.71
PV3-600	3	600-2 (3)	3/8 (2)	3.00	2.47	4.91
		300-25 (3)	9.65 (2)	76.20	62.74	124.71
PV3-750	3	750-1/0 (3)	3/8 (2)	3.00	2.84	4.91
		300-50 (3)	9.65 (2)	76.20	72.14	124.71
PV4-500	4	500-2 (2)	3/8 (2)	3.00	2.50	4.91
		240-25 (2)	9.65 (2)	76.20	63.50	124.71
PV4-600	4	600-2 (4)	3/8 (2)	3.00	2.47	4.91
		300-25 (4)	9.65 (2)	76.20	62.74	124.71
PV4-750	4	750-1/0 (4)	3/8 (2)	3.00	2.84	4.91
		300-50 (4)	9.65 (2)	76.20	72.14	124.71

*This dimension can be altered per customer requirements.

Fig. 1

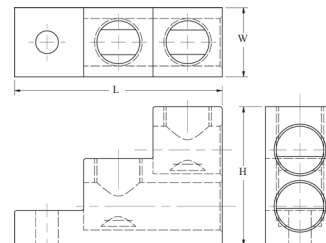


Fig. 2

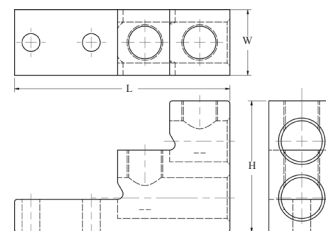


Fig. 3

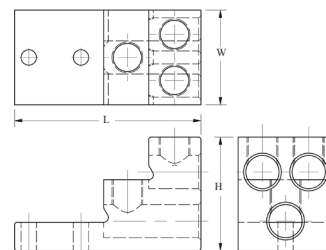


Fig. 4

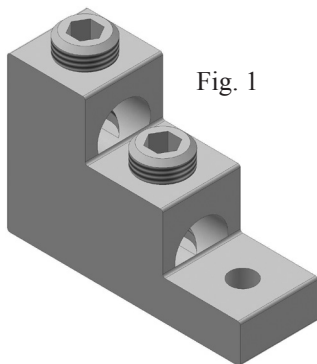
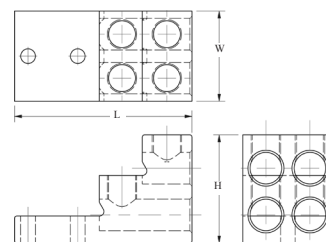


Fig. 1

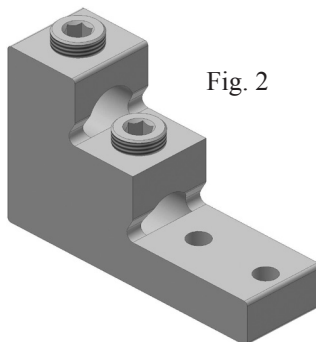


Fig. 2

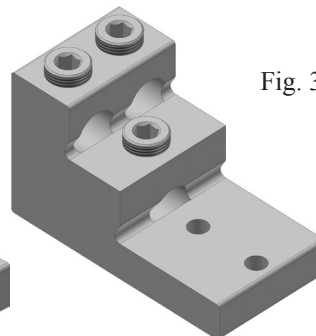


Fig. 3

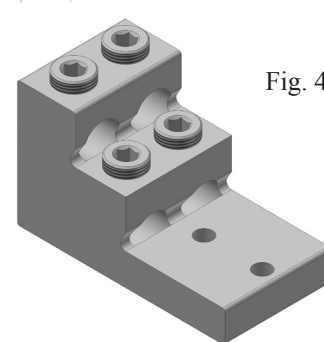
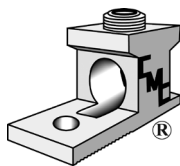


Fig. 4



Switchgear Connectors

TYPE: SG

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated
- Slotted Mounting Holes

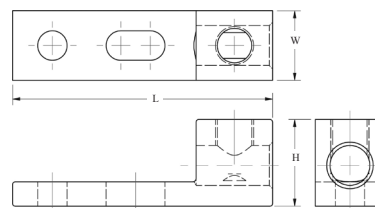
Benefits

- Easy Installation
- Varied Mounting Arrangement



Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range AWG mm ²	Stud Size* mm	H	W	L
				Dimensions, inches		
				Dimensions, millimeters		
SG-250	1	250-3/0	3/8 (2)	1.19	1.00	3.00
		120-70	9.65 (2)	30.23	25.40	76.20
SG-350	1	350-4	1/2 (2)	1.56	1.25	4.69
		185-16	12.70 (2)	39.62	31.75	119.13
SG-500	1	500-400	1/2 (2)	1.56	1.25	4.69
		240-185	12.70 (2)	39.62	31.75	119.13
SG-800	2	800-300	1/2 (2)	1.88	1.62	6.19
		400-150	12.70 (2)	47.75	41.15	157.23
SG-1000	2	1000-350	1/2 (2)	1.88	1.62	6.19
		500-185	12.70 (2)	47.75	41.15	157.23



*This dimension can be altered per customer requirements.

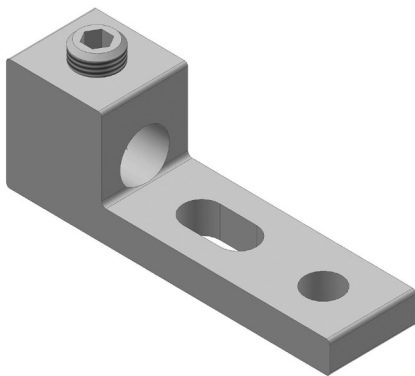


Fig. 1

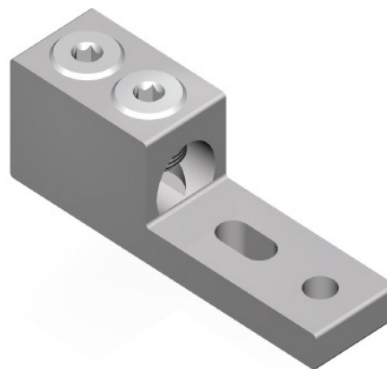
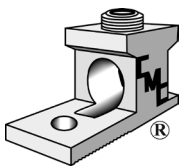


Fig. 2



Transformer Lug Kits

TYPE: TLK

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

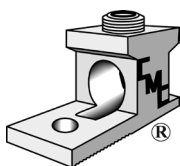
Benefits

- Mounting Hardware Included
- Easy Installation

Catalog Number	Transformer KVA Rating	Cond. Range AWG mm ²	Terminal Catalog Number	Terminal Qty.	Mounting Hardware					
					Bolt	Qty.	Nut	Qty.	Washer	Qty.
TLK250-14	15-37.5 1Ø 15-45 3Ø	250-14	AB-70-S AB-250S	8	1/4-20 x 3/4 HH	8	1/4 x 20 HN	8	Captive to Nut	-
		120-1.5		4						
TLK250-6	50-75 1Ø 75-112.5 3Ø	250-6	AB-250S	12	1/4-20 x 3/4 HH 1/4-20 x 2 HH	8	1/4 x 20 HN	16	Captive to Nut	-
		120-16				8				
TLK750-6	100-167 1Ø 150-300 3Ø	750-6	AB-350S AB-750S	6	1/2-13 x 3 HH 1/2-13 x 2-1/2 HH	5	1/2-13 HN	11	1/2 FW 1/2 Split 1/2 Belleville	22
		400-16		7		6				11
TLK750-1/0	400-500 3Ø	750-1/0	AB-750S	15	1/2-13 x 3 HH 1/2-13 x 2-1/2 HH	7	1/2-13 HN	11	1/2 FW 1/2 Split 1/2 Belleville	22
		400-50				4				11

HH = Hex Head
HN = Hex Nut
FW = Flat Washer





Rectangular Connectors



TYPE: CA / LI

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

Benefits

- Easy Installation
- Connectors are Reusable

Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range AWG mm ²	Boss Tap* mm	H	W	L
				Dimensions, inches		
				Dimensions, millimeters		
CA-40S	1	4-14	.22 / 10-32	.48	.38	.38
		16-1.5	5.59	12.19	9.65	9.65
CA-60S	1	2-14	.22 / 10-32	.56	.47	.47
		25-1.5	5.84	14.22	11.94	11.94
CA-110S	1	1/0-14	.22 / 10-32	.61	.53	.62
		50-1.5	5.84	15.49	13.46	15.75
CA-150S	1	2/0-14	.22 / 10-32	.76	.58	.63
		50-1.5	5.84	19.30	14.73	16.00
CA-210	2	250-6	.29D / 1/4-20	1.00	.81	.94
		120-16	7.37D	25.40	20.57	23.88
CA-360	2	300-4	.29D / 1/4-20	1.00	.81	1.00
		150-16	7.37D	25.40	20.57	25.40
CA-380	2	350-6	.29D / 1/4-20	1.13	1.00	.94
		185-16	7.37D	28.70	25.40	23.88
CA-635	3	600-4 / (2) 250-4	Flat / 1/4-20 (2)	1.69	1.22	1.25
		200-16 / (2) 120-16		42.93	30.99	31.75
CA-750	3	750-250 / (2) 250-3/0	Flat / 1/4-20 (2)	2.06	1.38	1.25
		300-120 / (2) 120-85		52.32	35.05	31.75

*This dimension can be altered per customer requirements.

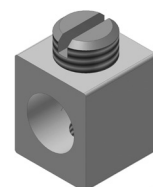
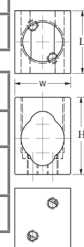
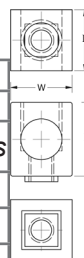


Fig. 1

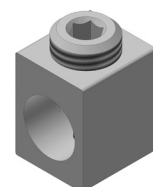
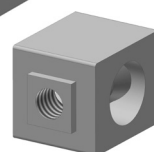


Fig. 2

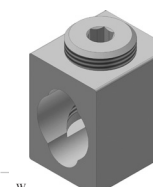
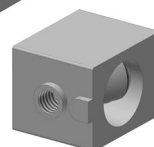
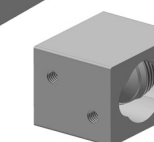


Fig. 3



Lay-in style collars - Use where lay-in feature is desired.

LI-250	4	250-6		1.40	1.25	1.00
		120-10		35.56	31.75	25.40
LI-500	4	500-3/0		1.63	1.66	1.50
		240-70		41.40	42.16	38.10
LI-501	4	600-2		2.00	1.50	1.25
		400-25		50.80	38.10	31.75
LI-750	4	750-1/0		2.50	1.62	1.50
		300-50		63.50	41.15	38.10
LI-3501	4	350-6		1.40	1.35	1.00
		n/a		n/a	n/a	n/a

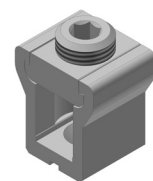
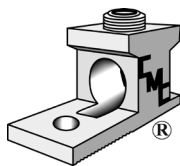


Fig. 4





Splicers / Reducers

TYPE: SR- Solid Bearers

90° C Rating (486B Listed)

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated
- Specialized Design

Benefits

- Easy Installation
- Center Barrier Prevents Dissimilar Metals from Contact



Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range AWG mm ²	Strip Length mm	H	W	L
				Dimensions, inches		
				Dimensions, millimeters		
SR-2	1	2-14	.63	.56	.50	1.38
		25-1.5	16.00	14.22	12.70	35.05
SR-0	1	1/0-14	.88	.75	.75	1.91
		50-1.5	22.35	19.05	19.05	48.51
SR-250	2	250-6	.94	1.13	1.00	3.94
		120-16	23.88	28.70	25.40	100.08
SR-350	2	350-6	2.06	1.19	1.13	4.19
		185-16	52.32	30.23	28.70	106.43
SR-500	2	500-2	2.44	1.50	1.38	5.00
		240-25	61.98	38.10	35.05	127.00
SR-750	3	750-250	3.06	1.75	1.63	6.25
		300-120	77.72	44.45	41.40	158.75
SR-1000	3	1000-500	3.94	2.00	1.75	8.00
		500-240	100.08	50.80	44.45	203.20

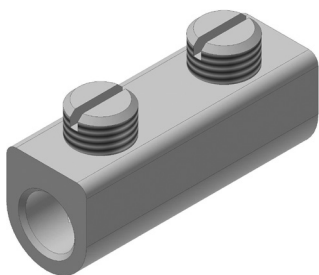


Fig. 1

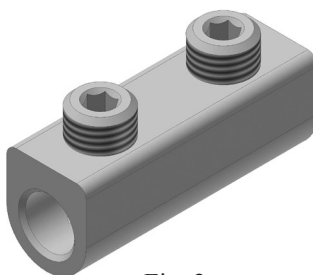
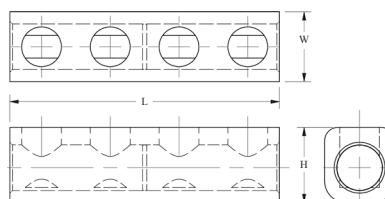
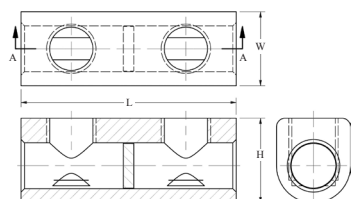
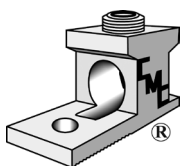


Fig. 2



Fig. 3





Aluminum Tap Connectors & Covers

TYPE: GPT / TC

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

Benefits

- Easy Installation
- Connectors are Reusable

90° C Rating (486B Listed)



Custom configurations available upon request.

Catalog Number	Fig. No.	Conductor Range		H	W	L
		Main <i>mm²</i>	Tap <i>mm²</i>	Dimensions, inches		
				<i>Dimensions, millimeters</i>		
GPT-2	1	2-12	4-14	.88	.63	1.39
		25-2.5	16-1.5	22.35	16.00	35.31
GPT-1/0	2	1/0-2	1/0-14	1.00	.75	1.75
		50-25	50-1.5	25.40	19.05	44.45
GPT-250-0	2	250-1/0	1/0-14	1.31	1.06	2.03
		120-50	50-1.5	33.27	26.92	51.56
GPT-250-250	2	250-1/0	250-6	1.31	1.06	2.28
		120-50	50-1.5	33.27	26.92	57.91
GPT-350	2	350-4/0	350-6	1.44	1.25	2.56
		185-95	185-16	36.58	31.75	65.02
GPT-500	2	500-350	500-2	1.75	1.38	3.13
		250-185	240-25	44.45	35.05	79.50
GPT-750-500	2	750-500	500-2	2.00	1.50	3.38
		300-240	240-25	50.80	38.10	85.85
GPT-750A	2	750-500	750-1/0	2.00	1.50	3.38
		300-240	300-50	50.80	38.10	85.85

Fig. 1

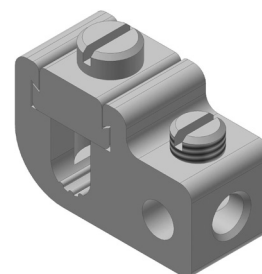
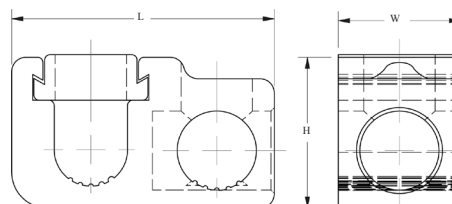
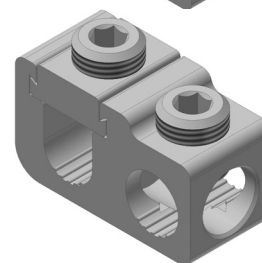
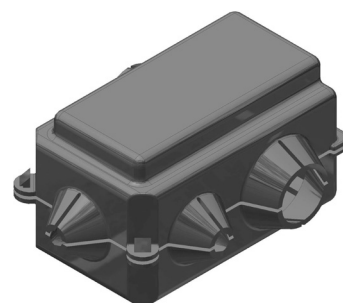
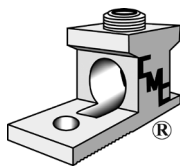


Fig. 2



Cover Number	Cover Color	Use with Connector	H	W	L
			Dimensions, inches		
			Dimensions, millimeters		
TC-2	Yellow	GP-2 / GT-2	1.11	1.37	2.25
			28.19	34.80	57.15
TC-1/0	Grey	GP-1/0 / GT-1/0	1.26	1.55	2.66
			32.00	39.37	67.56
TC-250	Red	GP-250 / GT-250	1.63	2.00	3.44
			41.40	50.80	87.38
TC-350	Yellow	GP-350 / GT-350	1.76	2.29	3.76
			44.70	58.17	95.50
TC-500	Blue	GP-500 / GT-500	2.12	2.34	4.89
			53.85	59.44	124.21
TC-750	Orange	GP-750 / GT-750	2.34	2.45	4.55
			59.44	62.23	115.57





Aluminum Tap Connectors

TYPE: GP / GT

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

Benefits

- Easy Installation
- Connectors are Reusable

90° C Rating (486B Listed)



Custom configurations available upon request.

Catalog Number	Fig. No.	Conductor Range		H	W	L
		Main <i>mm²</i>	Tap <i>mm²</i>	Dimensions, inches		
				<i>Dimensions, millimeters</i>		
GP4-250	1	250-1/0	2-14	1.31	1.06	2.28
		120-50	25-1.5	33.27	26.92	57.91
GP4-350	1	350-4/0	2-14	1.44	1.25	2.56
		185-95	25-1.5	36.85	31.75	65.02
GP4-500	1	500-350	1/0-14	1.75	1.38	3.13
		240-185	50-1.5	44.45	35.05	79.50

Four Parallel Taps

GT4-250	2	250-1/0	2-14	1.31	1.06	2.28
		120-50	25-1.5	33.27	26.92	57.91
GT4-350	2	350-4/0	2-14	1.44	1.25	2.56
		185-95	25-1.5	36.58	31.75	65.02
GT4-500	2	500-350	1/0-14	1.75	1.38	3.13
		240-185	50-1.5	44.45	35.05	79.50

Four Tee Taps

GPT2-250	3	250-1/0	250-6	1.31	2.12	2.28
		120-50	120-16	33.27	53.58	57.91
GPT2-350	3	350-4/0	350-6	1.44	2.56	2.56
		185-95	185-16	36.58	65.02	65.02
GPT2-500	3	500-350	500-2	1.75	2.88	3.13
		240-185	240-25	44.45	73.15	79.50

Two Tee Taps

GPT3-250	4	250-1/0	250-6	1.31	3.31	2.28
		120-50	120-16	33.27	84.07	57.91
GPT3-350	4	350-4/0	350-6	1.44	3.88	2.56
		185-95	185-16	36.58	98.55	65.02
GPT3-500	4	500-350	500-2	1.75	4.38	3.13
		240-185	240-25	44.45	111.25	79.50

Three Tee Taps

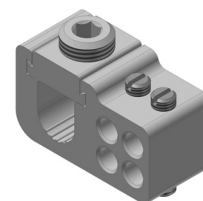


Fig. 1

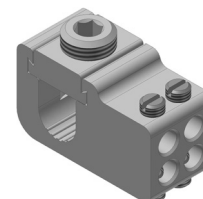
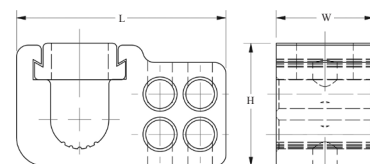


Fig. 2

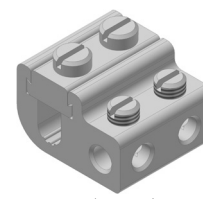
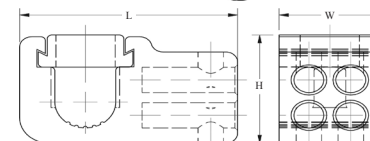


Fig. 3

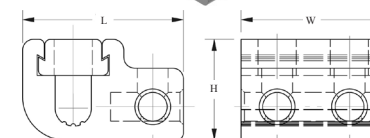
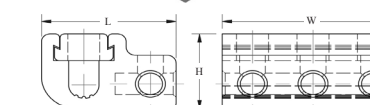
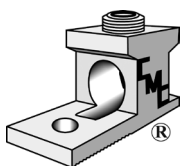


Fig. 4





Aluminum Neutral Bars

TYPE: NA / SCB



Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

Benefits

- Easy Installation

Custom configurations available upon request.

Catalog Number	Fig. No.	Conductor Range <i>mm²</i>	H	W
			Dimensions, inches	
			<i>Dimensions, millimeters</i>	
NA-30	1	6-14	.44	.31
		16-1.5	11.18	7.87
NA-35	1	4-14	.50	.31
		16-1.5	12.70	7.87
NA-70	1	4-14	.50	.38
		16-1.5	12.70	9.65
NA-125	1	1/0-14	.75	.56
		50-1.5	19.05	14.22
NA-150	1	2/0-6	.75	.56
		50-10	19.05	14.22
NA-250	1	250-6	1.00	.88
		120-16	25.40	22.35

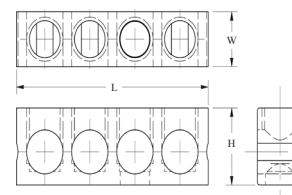
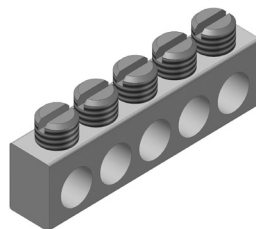


Fig. 1

NA-130	2	1/0-14	.75	.56
		50-1.5	19.05	14.22
NA-140	2	2/0-14	.75	.56
		50-1.5	19.05	14.22
NA-300	2	300-6	1.16	.97
		150-16	29.46	24.64

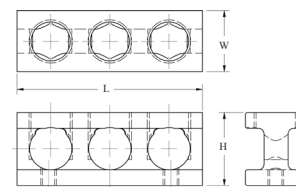
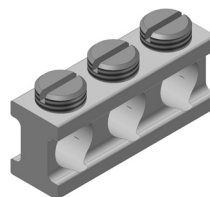


Fig. 2

*SCB-1/0	3	1/0-14 / 6-14	.62	.38
		50-1.5 / 16-1.5	15.75	9.65
*SCB-2/0	3	2/0-14 / 6-14	.69	.38
		50-1.5 / 16-1.5	17.45	9.65

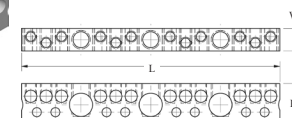
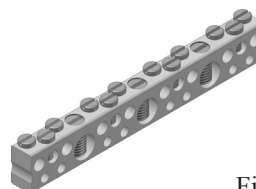
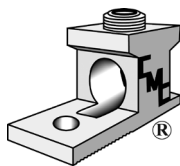


Fig. 3

*This bar is also approved as an equipment ground and is 90° C rated.

The number of outlets, outlet spacing and mounting hole locations can be established according to individual requirements.



Aluminum Neutral Bar Assemblies

TYPE: SNB-350

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

Benefits

- Easy Installation
- Can Be Used with Insulating Block

Custom configurations available upon request.

Catalog Number	Fig. No.	Conductor Range <i>mm²</i>	Wire Tap Range <i>mm²</i>	H	W	L	Circuit Holes
				Dimensions, inches			
				<i>Dimensions, millimeters</i>			
SNB-350-12	1	350-6	6-14	1.13	2.53	2.17	12
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	55.12	
SNB-350-24	1	350-6	6-14	1.13	2.53	3.43	24
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	87.12	
SNB-350-30	1	350-6	6-14	1.13	2.53	4.06	30
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	103.12	
SNB-350-36	1	350-6	6-14	1.13	2.53	4.77	36
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	121.16	
SNB-350-42	1	350-6	6-14	1.13	2.53	5.27	42
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	133.86	
SNB-350-12 W/SNBI-1	2	350-6	6-14	1.13	2.53	2.17	12
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	55.12	
SNB-350-24 W/SNBI-1	2	350-6	6-14	1.13	2.53	3.43	24
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	87.12	
SNB-350-30 W/SNBI-1	2	350-6	6-14	1.13	2.53	4.06	30
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	103.12	
SNB-350-36 W/SNBI-1	2	350-6	6-14	1.13	2.53	4.77	36
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	121.16	
SNB-350-42 W/SNBI-1	2	350-6	6-14	1.13	2.53	5.27	42
		<i>185-16</i>	<i>16-1.5</i>	28.70	64.26	133.86	

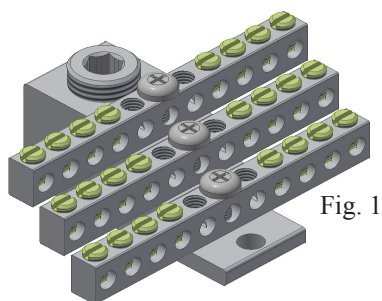
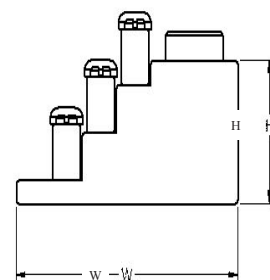
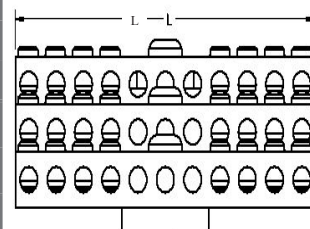


Fig. 1

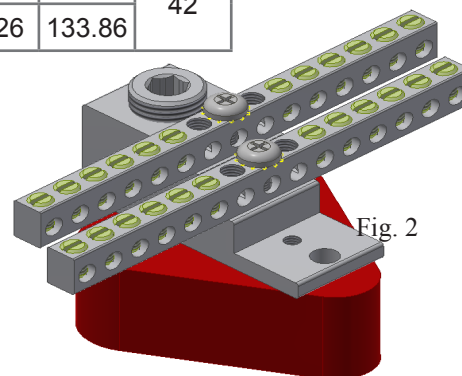
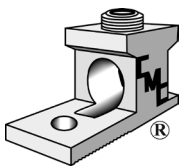


Fig. 2



Aluminum Neutral Bar Assemblies

TYPE: SNB6

Features

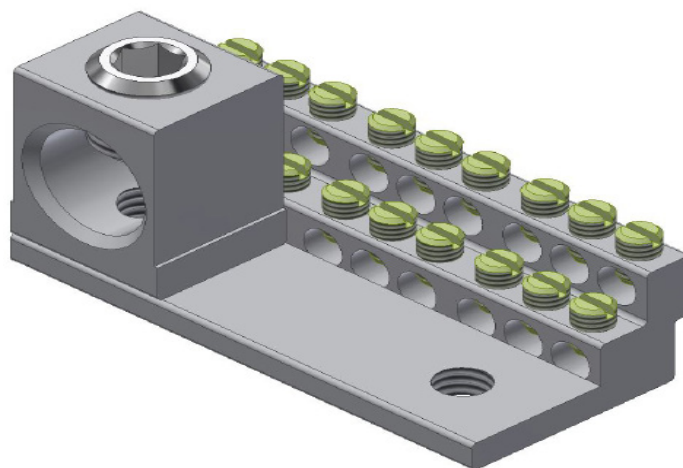
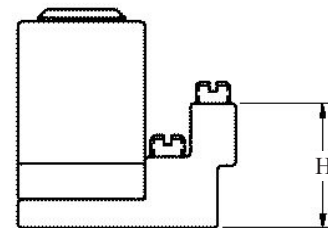
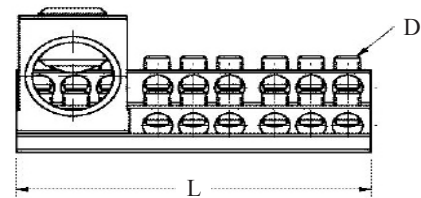
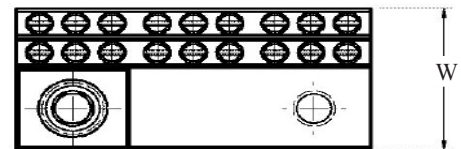
- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

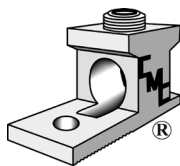
Benefits

- Easy Installation

Custom configurations available upon request.

Catalog Number	Conductor Range <i>mm</i> ²	H	W	L	Circuit Holes
		Dimensions, inches			
		<i>Dimensions, millimeters</i>			
SNB6-12	4-14	.88	1.50	2.07	12
	16-1.5	22.35	38.1	52.58	
SNB6-18	4-14	.88	1.50	3.13	18
	16-1.5	22.35	38.1	79.5	
SNB6-24	4-14	.88	1.50	4.20	24
	16-1.5	22.35	38.1	106.68	
SNB6-30	4-14	.88	1.50	5.26	30
	16-1.5	22.35	38.1	133.60	
SNB6-36	4-14	.88	1.50	6.32	36
	16-1.5	22.35	38.1	160.53	
SNB6-42	4-14	.88	1.50	7.39	42
	16-1.5	22.35	38.1	187.71	





Aluminum Neutral Bar Assemblies

TYPE: SNB2-6

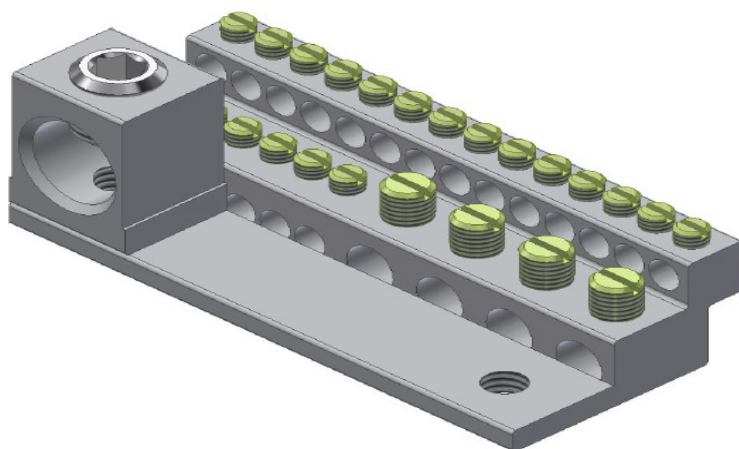
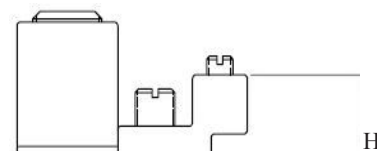
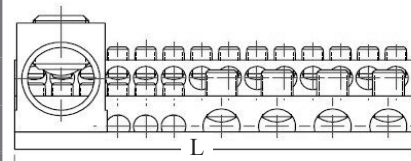
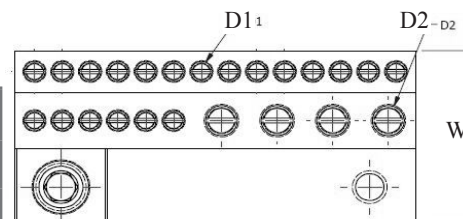
Features

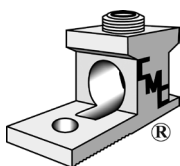
- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated
- Easy Installation

Benefits

Custom configurations available upon request.

Catalog Number	Conductor Range <i>mm</i> ²	H	W	L	D1 Circuit Holes	D2 Circuit Holes
		Dimensions, inches				
		<i>Dimensions, millimeters</i>				
SNB2-6-24	1/0-14	1.03	1.69	4.33	20	4
	50-1.5	26.16	42.93	109.98		
SNB2-6-30	1/0-14	1.03	1.69	5.24	26	4
	50-1.5	26.16	42.93	133.10		
SNB2-6-36	1/0-14	1.03	1.69	6.16	32	4
	50-1.5	26.16	42.93	156.46		
SNB2-6-42	1/0-14	1.03	1.69	7.07	38	4
	50-1.5	26.16	42.93	179.58		





Aluminum Neutral Bar Assemblies

TYPE: SNB1/0-6

Features

- Made of 6061-T6 Aluminum Alloy
- Electro-Tin Plated
- Dual-Rated

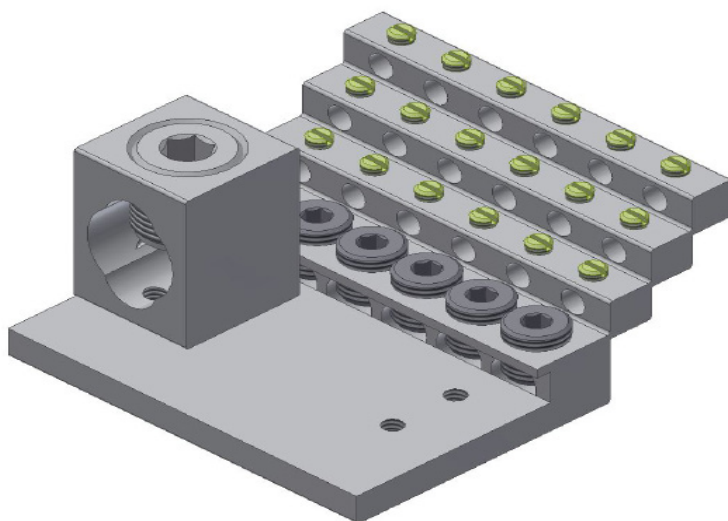
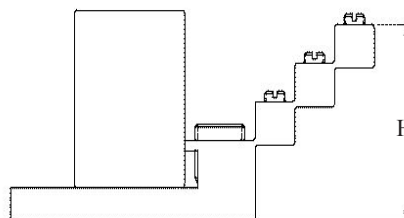
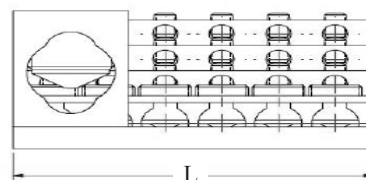
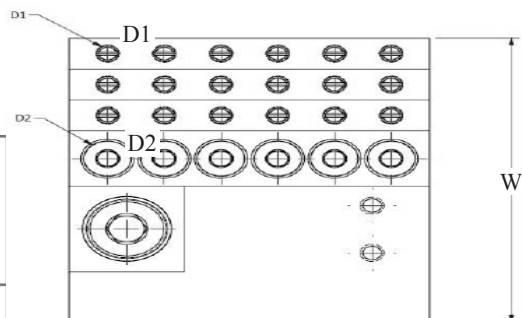
Benefits

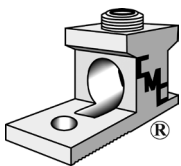
- Easy Installation

Custom configurations available upon request.

Custom Configurations available upon request.

Catalog Number	Conductor Range <i>mm</i> ²	H	W	L	D1 Circuit Holes	D2 Circuit Holes
		Dimensions, inches				
		<i>Dimensions, millimeters</i>				
SNB1/0-6-24	3/0-14	1.87	4.13	3.81	18	6
	70-1.5	47.50	104.90	96.77		
SNB1/0-6-30	3/0-14	1.87	4.13	3.81	24	6
	70-1.5	47.50	104.90	96.77		
SNB1/0-6-36	3/0-14	1.87	4.13	3.81	30	6
	70-1.5	47.50	104.90	96.77		
SNB1/0-6-42	3/0-14	1.87	4.13	3.81	36	6
	70-1.5	47.50	104.90	96.77		





TYPE: RL

ROTO-LUG™ Connectors

Features

- Made of 6061-T6 Aluminum Alloy
- 219° of Rotation
- Dual Rated
- Chamfered Wire entry

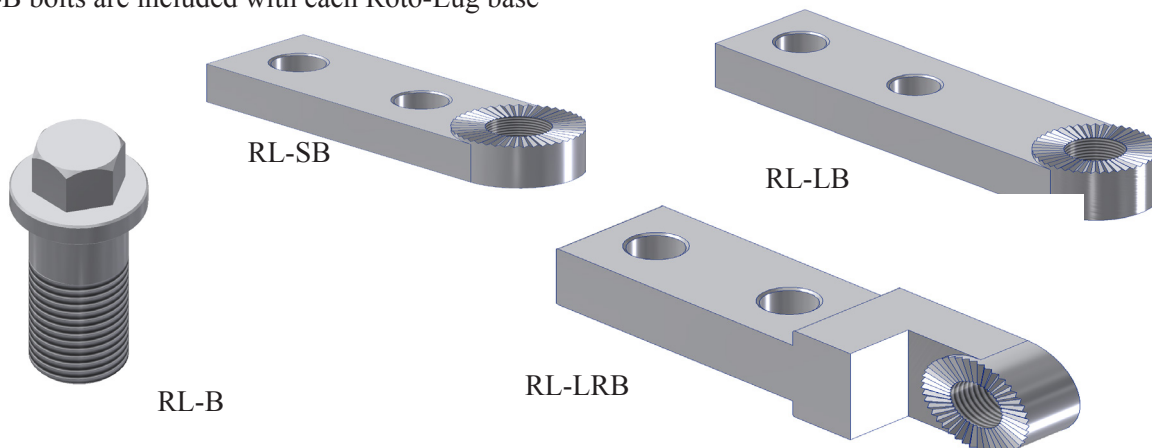
Benefits

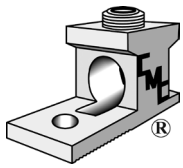
- Easy Installation
- Rotation Enhances Safety by Removing Wire Bends
- Reduced Labor Needed



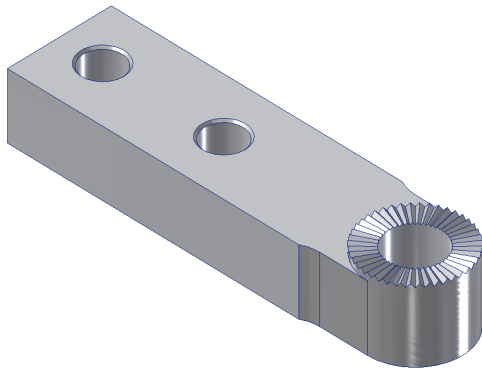
		Roto-Lug Connector Bases			Conductor Range <i>mm</i> ²	AMP	Stud Size <i>mm</i>	L <i>mm</i>	W <i>mm</i>	H <i>mm</i>
		RL-SB	RL-EB	RL-LRB						
Roto-lug Connector Adapters and Lugs	RL-ADS	RL-ADS-SB	RL-ADS-EB	RL-ADS-LRB	Aluminum 3/0-750 70-300 Copper 3/0-600 70-300	800	1/2 12.70	4.44	1.50	1.00
								112.78	38.1	25.4
	RL-ADE	RL-ADE-SB	RL-ADE-EB	RL-ADE-LRB		800		5.81	1.50	1.00
								147.57	38.1	25.4
	RL-LA750T	RL-LA750T-SB	RL-LA750T-EB	RL-LA750T-LRB		400		2.96	1.37	1.75
								75.18	34.80	44.45
	RL-LA750L	RL-LA750L-SB	RL-LA750L-EB	RL-LA750L-LRB		400		3.00	1.37	1.75
								76.2	34.80	44.45
	RL-LA750R	RL-LA750R-SB	RL-LA750R-EB	RL-LA750R-LRB		400		3.00	1.37	1.75
								76.2	34.80	44.45
	RL-PV2750T	RL-PV2750T-SB	RL-PV2750T-EB	RL-PV2750T-LRB		800		4.34	1.37	3.00
								110.24	34.80	76.2
	RL-PV2750L	RL-PV2750L-SB	RL-PV2750L-EB	RL-PV2750L-LRB		800		4.34	1.37	3.00
								110.24	34.80	76.2
	RL-PV2750R	RL-PV2750R-SB	RL-PV2750R-EB	RL-PV2750R-LRB		800		4.34	1.37	3.00
								110.24	34.80	76.2
	RL-B	RL-SB-B	RL-EB-B	RL-LRB-B	-					

RL-B bolts are included with each Roto-Lug base

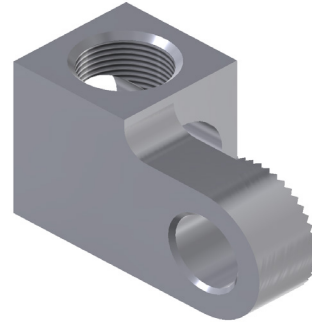




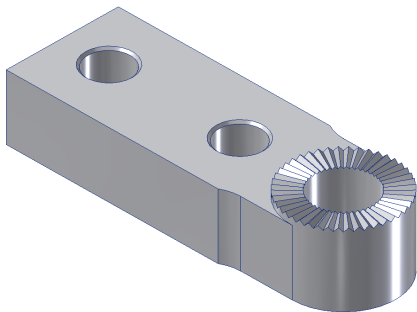
ROTO-LUG™ Connectors



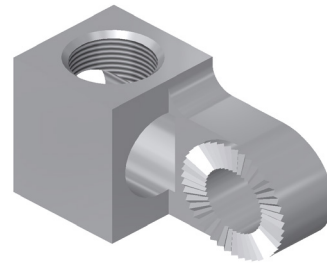
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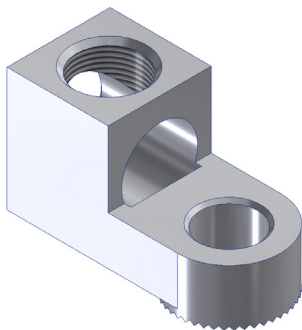
RL-LA750L



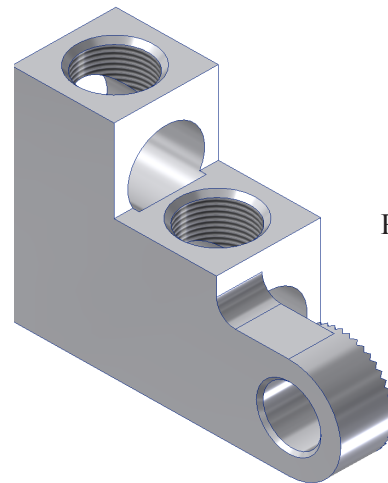
RL-ADS



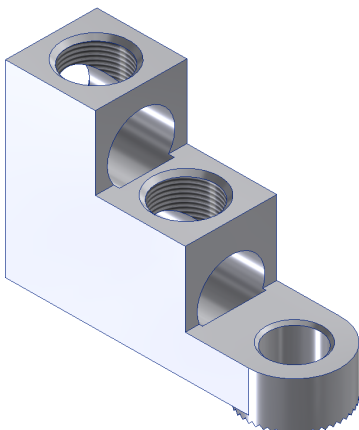
RL-LA750R



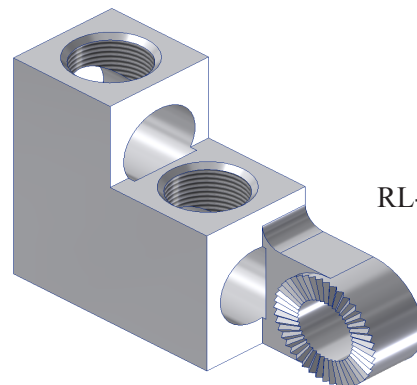
RL-LA750T



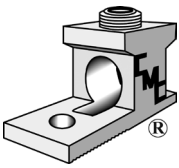
RL-PV2750L



RL-PV2750T



RL-PV2750R



CMC® Copper Connectors

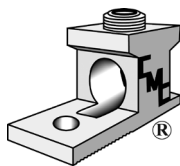
Connector Manufacturing Company® fabricates the best in electrolytic copper electrical connectors. Copper connectors are formed from 100% pure electrolytic copper to eliminate the effects upon conductivity when alloys are utilized to reduce costs.

CMC® copper connectors are either extruded from pure electrolytic copper or formed from copper tubing carefully shaped to size. They may also be produced from copper strip which is used to form the tang or bus connection. These light weight connectors will perform better than many of the heavier, bulkier cast copper alloyed products on the market. This saves the customer the cost of metal, freight and space, while gaining top conductivity.

We therefore, offer these advantages in connector design:

1. Compact Design.
2. High Strength - low heat rise copper.
3. Relatively light weight construction.
4. Economy and efficiency.
5. Tested products in accordance with Underwriters Laboratories and the Canadian Standards Association requirements for listing.

These features together with our dedication for the highest quality standards available and an unsurpassed service level, provide our customers with maximum reliability.



Copper Solderless Lugs

TYPE: CF / CFS

90° C Rating (486B Listed)



Features

- Made of Pure Electrolytic Copper
- Plain Copper Finish
- Easy Installation
- Connectors are Reusable
- Specialized for Copper Conductors ONLY

Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range AWG mm ²	Stud Size* mm	H	W	L
				Dimensions, inches		
				Dimensions, millimeters		
CF-25	1	10-14	1/8	.37	.31	1.00
		4-1.5	3.18	9.40	7.87	25.40
CF-35	1	6-14	3/16	.56	.37	1.09
		16-1.5	4.76	14.22	9.40	27.69
CF-70	1	4-14	1/4	.62	.50	1.31
		16-1.5	6.35	15.75	12.70	33.27
CF-90	1	2-8	1/4	.72	.50	1.47
		25-10	6.35	18.29	12.70	37.34
CF-125	1	1/0-2	3/8	.88	.62	1.79
		50-25	9.53	22.35	15.75	45.47
CF-175	2	3/0-4	3/8	1.03	.75	2.05
		70-16	9.53	26.16	19.05	52.07
CF-225	2	4/0-2	3/8	1.20	1.00	2.56
		95-25	9.53	30.48	25.40	65.02
CF-300	2	350-1/0	3/8	1.41	1.00	3.25
		185-50	9.53	35.81	25.40	82.55
CF-400	2	500-1/0	3/8	1.56	1.50	4.31
		240-50	9.53	39.62	38.10	109.47
CF-650	2	1000-600	1/2	2.34	2.00	4.75
		500-300	12.70	59.44	50.80	120.65

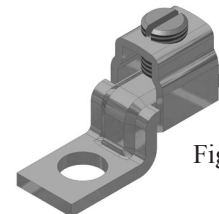


Fig. 1

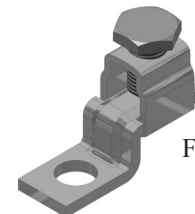
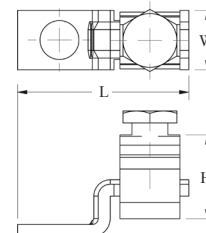


Fig. 2



CFS-25	3	10-14	1/8	.37	.31	1.00
		4-1.5	3.18	9.40	7.87	25.40
CFS-35	3	6-14	3/16	.56	.38	1.14
		16-1.5	4.76	14.22	9.65	28.96
CFS-70	3	4-14	1/4	.63	.50	1.25
		16-1.5	6.35	16.00	12.70	31.75
CFS-90	3	2-8	1/4	.71	.50	1.46
		25-10	6.35	18.03	12.70	37.08
CFS-125	3	1/0-2	3/8	.88	.62	1.94
		50-25	9.53	22.35	15.75	49.28
CSF-175	4	3/0-4	3/8	1.03	.75	2.23
		70-16	9.53	26.16	19.05	56.64
CFS-225	4	4/0-2	3/8	1.20	1.00	2.38
		95-25	9.53	30.48	25.40	60.45
CFS-300	4	350-1/0	3/8	1.41	1.00	3.25
		185-50	9.53	35.81	25.40	82.55
CFS-400	4	500-1/0	3/8	1.56	1.50	3.87
		240-50	9.53	39.62	38.10	98.30
CFS-650	4	1000-600	1/2	2.34	2.00	5.00
		500-300	12.70	59.44	50.80	127.00

*This dimension can be altered per customer requirements.

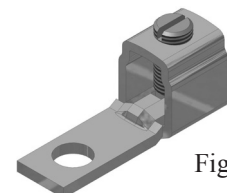


Fig. 3

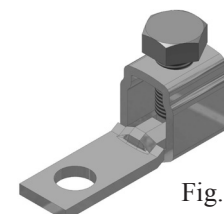
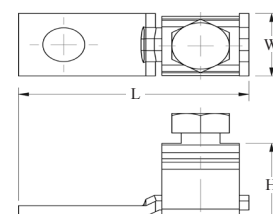
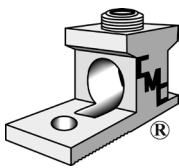


Fig. 4





Copper Solderless Lugs

PosiGrip
90° C Rating (486B Listed)

TYPE: BC



Features

- Made of Pure Electrolytic Copper
- PosiGrip
- Unique I-Beam Design
- Positive Wire Stop

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features
- Specialized for Copper Conductors ONLY

U.S. Patent 4,946,405
U.S. Patent 309,129
U.S. Patent 5,030,131

Custom configurations available upon request.

Catalog Number	Fig. No.	Screw Type	Stud Size* mm	Cond. Size AWG mm ²	H	W	L	G	T
					Dimensions, inches				
					Dimensions, millimeters				
BC-50	1	Slot	1/4	6-14	.44	.44	.81	.22	.09
			6.35	16-1.5	12.19	12.19	20.57	5.59	2.92
BC-70	1	Slot	1/4	2-14	.50	.50	1.00	.27	.09
			6.35	25-1.5	12.70	12.70	25.40	6.86	2.92
BC-112	1	Slot	1/4	1/0-14	.66	.56	1.12	.28	.16
			6.35	50-1.5	16.76	14.22	28.45	7.11	4.06
BC-125	1	Slot	1/4	2/0-14	.78	.56	1.25	.31	.19
			6.35	50-1.5	19.81	14.22	31.75	7.87	4.83
BC-250	2	.31H	5/16	250-6	.97	.88	1.72	.44	.19
		7.87	7.94	120-16	24.64	22.35	43.69	11.18	4.83
BC-350	2	.31H	5/16	350-6	1.13	.94	2.00	.45	.19
		7.87	7.94	185-16	28.70	23.88	50.80	11.43	4.83
BC-500	2	.38H	3/8	500-4	1.38	1.25	2.37	.63	.26
		9.65	9.53	240-16	35.05	31.75	60.20	16.00	6.60
BC-600	2	.38H	3/8	600-2	1.50	1.19	2.50	.75	.26
		9.65	9.53	300-25	38.10	30.23	63.50	19.05	6.60
BC-750	2	.38H	5/8	800-300	1.68	1.38	2.75	.75	.31
		9.65	15.88	500-150	42.67	35.05	69.85	19.05	7.87
BC-1000	2	.50H	5/8	1000-500	1.88	1.50	2.87	.75	.31
		12.70	15.88	500-240	47.75	38.10	72.70	19.05	7.87

*This dimension can be altered per customer requirements.

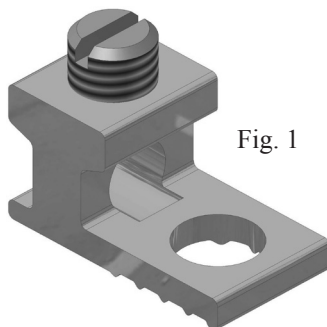


Fig. 1

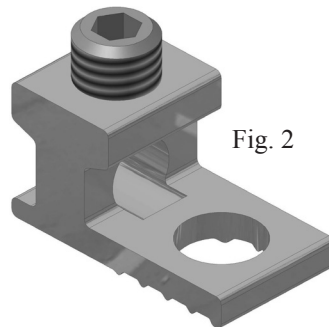
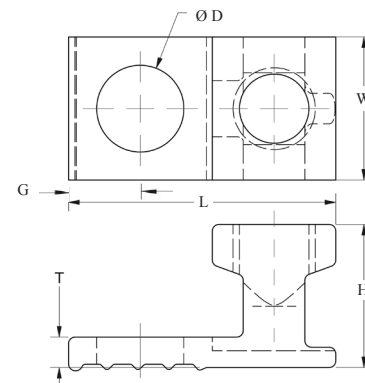
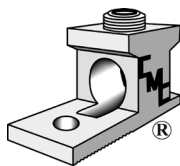


Fig. 2





Copper Solderless Lugs

TYPE: 2BC

PosiGrip
90° C Rating (486B Listed)



Features

- Made of Pure Electrolytic Copper
- PosiGrip
- Unique I-Beam Design
- Positive Wire Stop

Benefits

- Easy Installation
- Improved Pull-Out and Safety Features
- Specialized for Copper Conductors ONLY

U.S. Patent 4,946,405
U.S. Patent 309,129
U.S. Patent 5,030,131

Custom configurations available upon request.

Catalog Number	Fig. No.	Screw Type	Stud Size* mm	Cond. Size AWG mm ²	H	W	L	G	T
					Dimensions, inches				
					Dimensions, millimeters				
2BC-112	1	Slot	1/4	1/0-14	.66	1.13	1.12	.28	.16
			6.35	50-1.5	16.76	28.70	28.45	7.11	4.06
2BC-125	1	.19H	1/4	2/0-14	.78	1.25	1.25	.31	.19
		4.83	6.35	50-1.5	19.81	31.75	31.75	7.87	4.83
2BC-250	2	.31H	3/8	250-6	.97	1.62	1.72	.44	.19
		7.87	9.53	120-16	24.64	41.15	43.69	11.18	4.83
2BC-350	2	.31H	1/2	350-6	1.13	1.92	2.00	.50	.19
		7.87	12.70	185-16	28.70	48.77	50.80	12.70	4.83
2BC-500	2	.31H	1/2	500-4	1.38	2.41	2.37	.56	.26
		7.87	12.70	240-16	35.05	61.21	60.20	14.22	6.60
2BC-600	2	.31H	1/2	600-2	1.50	2.41	2.50	.63	.26
		7.87	12.70	300-25	38.10	61.21	63.50	16.00	6.60
2BC-750	2	.31H	5/8	750-300	1.68	3.25	2.75	.75	.31
		7.87	15.88	300-150	42.67	82.55	69.85	19.05	7.87
2BC-1000	2	.50H	5/8	1000-500	1.88	3.50	2.87	.75	.31
		12.70	15.88	500-300	47.75	88.90	72.90	19.05	7.87

*This dimension can be altered per customer requirements.

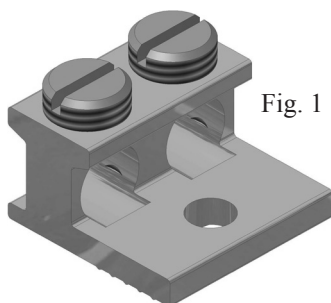


Fig. 1

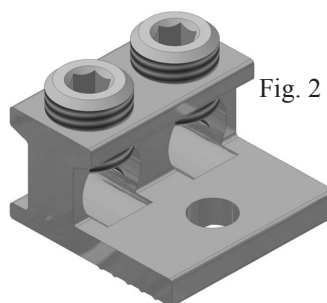
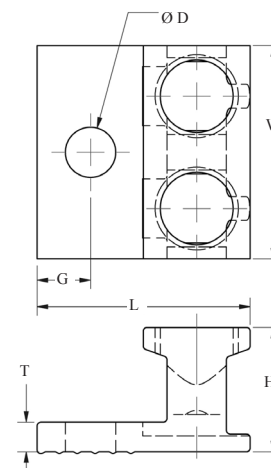
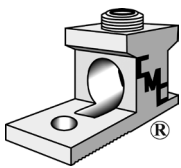


Fig. 2





Copper Solderless Connectors and Collars

90° C Rating (486B Listed)



TYPE: FT

Features

- Made of Pure Electrolytic Copper
- Plain Copper Finish
- Easy Installation
- Connectors are Reusable
- Specialized for Copper Conductors ONLY

Benefits

Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range AWG mm ²	Stud Size* mm	H	W	L
				Dimensions, inches		
				Dimensions, millimeters		
FT-65	1	6-14	1/8	.48	.38	1.00
		16-1.5	3.18	12.19	9.65	25.40
FT-70	1	4-14	1/8	.52	.50	1.25
		16-1.5	3.18	13.21	12.70	31.75
FT-90	1	1/0-14	3/16	.75	.62	1.26
		50-1.5	4.76	19.05	15.75	32.00

*This dimension can be altered per customer requirements.

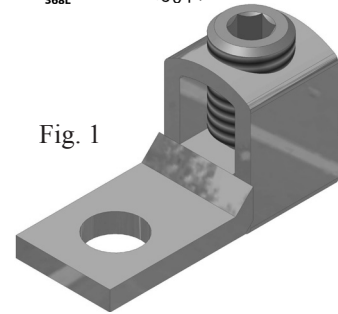
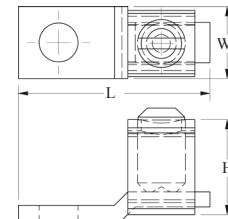


Fig. 1



TYPE: C / CS

Features

- Made of Pure Electrolytic Copper
- Plain Copper Finish
- Easy Installation
- Connectors are Reusable

Benefits

Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range AWG mm ²	Boss Tap* mm	H	W	L
				Dimensions, inches		
				Dimensions, millimeters		
C-54-S	2	6-14	.22S / 10-32	.47	.35	.38
		16-1.5	5.59	11.94	8.89	9.65
C-58-S	2	4-14	.25S / 10-32	.52	.46	.46
		16-1.5	6.35	13.21	11.68	11.68
C-68-S	2	1/0-14	.25S / 12-24	.61	.53	.62
		50-1.5	6.35	15.49	13.46	15.75

CS-105	3	1/0-14		.88	.55	.63
		50-1.5		22.35	13.97	16.00
CS-175	3	4/0-2		1.09	.75	.88
		95-25		27.69	19.05	22.35
CS-200	3	250-6		.88	.81	1.00
		120-16		22.35	20.57	25.40

*This dimension can be altered per customer requirements.



Fig. 2

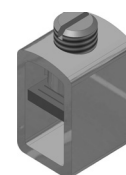
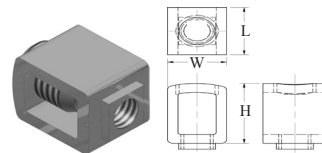
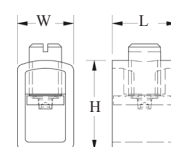
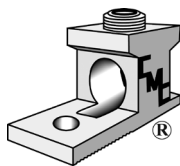


Fig. 3





Copper Splicers

90° C Rating (486B Listed)



TYPE: C2/C4

Features

- Made of Pure Electrolytic Copper
- Plain Copper Finish

Benefits

- Easy Installation
- Connectors are Reusable

Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range AWG mm ²	H	W	L
			Dimensions, inches		
			Dimensions, millimeters		
C2-25	1	8-12	.48	.25	.56
		10-2.5	12.19	6.35	14.22
C2-35	1	6	.56	.34	.88
		16	14.22	8.64	22.35
C2-50	1	4	.63	.39	.88
		16	16.00	9.91	22.35
C2-70	1	2	.72	.50	1.00
		25	18.29	12.70	25.40
C2-125	1	2/0-1/0	.88	.59	1.25
		70-50	22.35	14.99	31.75
C2-225	1	250-3/0	1.31	.86	2.31
		120-70	33.27	21.84	58.67

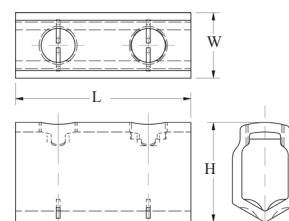
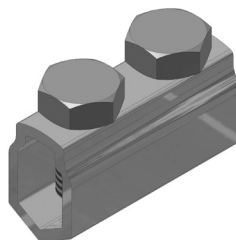


Fig. 1

C4-25	2	8-12	.45	.25	1.63
		10-2.5	11.43	6.35	41.40
C4-35	2	6	.69	.33	1.75
		16	17.53	8.38	44.45
C4-50	2	4	.75	.38	1.75
		16	19.05	9.65	44.45
C4-70	2	2	.91	.47	2.00
		25	23.11	11.94	50.80
C4-125	2	2/0-1/0	.88	.59	2.50
		70-50	22.35	14.99	63.50
C4-225	2	250-3/0	1.31	.86	4.63
		120-70	33.27	21.84	117.60

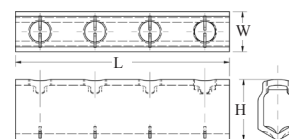
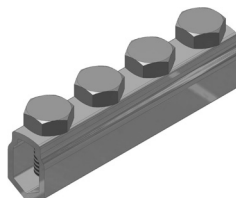
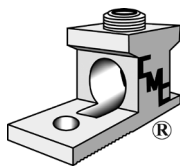


Fig. 2



Copper Neutral Bars

TYPE: N70 / LCB



Features

- Made of Pure Electrolytic Copper
- Plain Copper Finish

Benefits

- Easy Installation
- Connectors are Reusable
- Specialized for Copper Conductors ONLY

Custom configurations available upon request.

Catalog Number	Fig. No.	No. of Taps	Wire Range		Stud Size* mm	H	W	L
			Line mm	Circuit mm		Dimensions, inches		
						Dimensions, millimeters		
N70-8-1	1	6	4-14	6-14	3/16 (2)	.48	.35	3.57
			16-1.5	16-1.5	4.76 (2)	12.19	8.89	90.68
N70-10-1	1	8	4-14	6-14	3/16 (2)	.48	.35	4.37
			16-1.5	16-1.5	4.76 (2)	12.19	8.89	111.00
N70-12-1	1	10	4-14	6-14	3/16 (2)	.48	.35	5.16
			16-1.5	16-1.5	4.76 (2)	12.19	8.89	131.06
N70-14-1	1	12	4-14	6-14	3/16 (2)	.48	.35	5.95
			16-1.5	16-1.5	4.76 (2)	12.19	8.89	151.13
N70-16-1	1	14	4-14	6-14	3/16 (2)	.48	.35	6.74
			16-1.5	16-1.5	4.76 (2)	12.19	8.89	171.20
N70-174	1	174		6-14	None	.47	.34	68.91
				16-1.5		11.94	8.64	1750.31

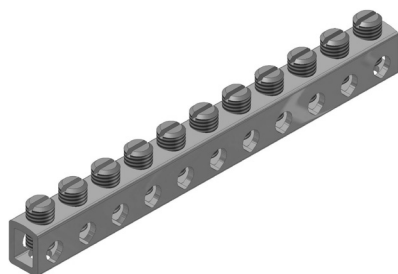
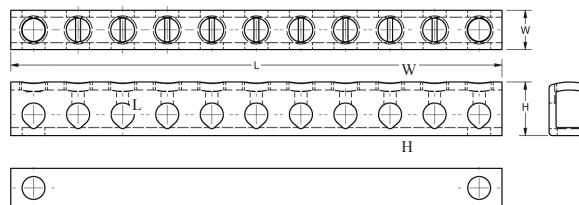


Fig. 1



Custom configurations available upon request.

Catalog Number	Fig. No.	Cond. Range mm ²	H	W
			Dimensions, inches	
			Dimensions, millimeters	
*LCB-1/0	2	1/0-14 / 6-14	.63	.38
		50-1.5 / 16-1.5	16.00	9.65
*LCB-2/0	2	2/0-14 / 6-14	.69	.38
		50-1.5 / 16-1.5	17.45	9.65

*This bar is also approved as an equipment ground.

The number of outlets, outlet spacing and mounting hole locations can be established according to individual requirements.

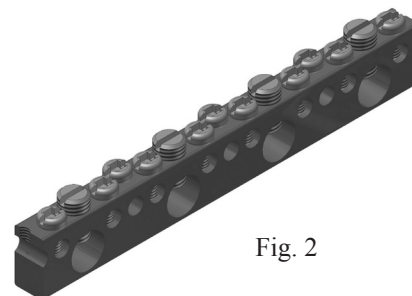
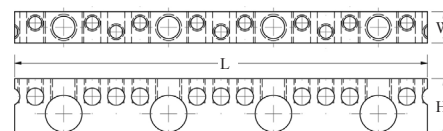
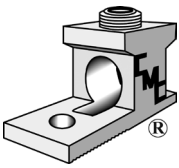


Fig. 2





Accessory Products

TYPE: CO-OX JOINT COMPOUND

Features

- A superior general purpose aluminum connector compound for all cable and terminal pad connections
- Compatible with all cable insulating materials, including rubber and paper

Catalog Number	Size Description	Carton Qty.
CO-OX-8	8 oz. Bottle	12
	226 Grams	
CO-OX-1G	1 Gallon Can	1
	3.79 Liters	
CO-OX-5G	5 Gallon Can	1
	18.93 Liters	

Benefits

- Stable over a wide temperature range
- Seals out air and moisture
- Non-toxic and non-flammable



TYPE: SCB-MB

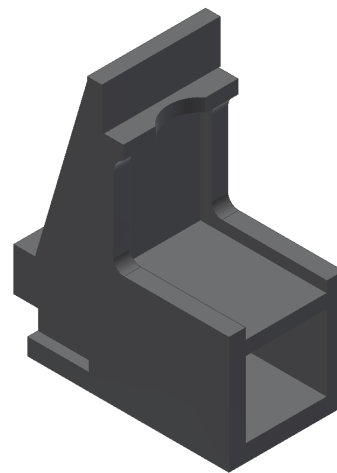
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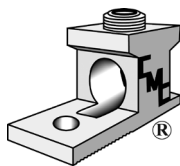
- Made of Black PVC Plastic CMS-45

Benefits

- Easy Installation of Wires into Neutral Bars

Catalog Number	H	W	L
	Dimensions, inches		
	Dimensions, millimeters		
SCB-MB1	1.59	.562	1.25
	40.39	14.27	31.75





Accessory Products

TYPE: PC - FORCE FIT CABLE CAPS

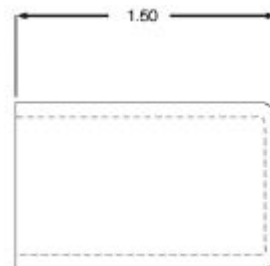
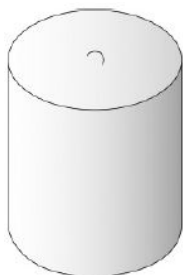
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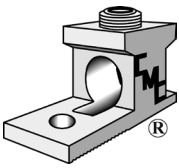
- Color Coded
- Caps Conform to Conductor Shape

Benefits

- No Tape Needed
- Provide Force Fit

Catalog Number	Conductor O.D. Range Inches	Conductor Size Rating Based on 600 V XLP Insulation		Cap Color	Bag Qty.	Box Qty.
		Concentric & Compressed Str.	Compact Strand			
PC312	.32 - .38	6 & 4	6, 4, & 2	Orange	100	500
PC375	.38 - .44	4 & 2	2	Red	100	500
PC437	.44 - .51	1	1 & 10	Pink	100	500
PC500	.51 - .55	1/0	2/0	Yellow	100	500
PC562	.57 - .65	2/0 & 3/0	3/0	Pale Blue	100	500
PC625	.63 - .70	-	4/0	Pink	100	500
PC687	.69 - .75	4/0	250	Red	100	500
PC750	.76 - .84	250 & 300	300 & 350	Black	100	500
PC843	.85 - .93	350	400	Brown	50	250
PC875	.88 - .96	400	500	Maroon	50	250
PC1000	1.00 - 1.08	500	600	Orange	50	250
PC1125	1.13 - 1.21	600	750	Yellow	50	250
PC1187	1.19 - 1.27	750	-	Black	50	250
PC1250	1.30 - 1.38	-	1000	Red	50	250
PC1375	1.38 - 1.47	1000	-	Gray	50	250





Accessory Products

TYPE: DISC PAD SCREWS

Features

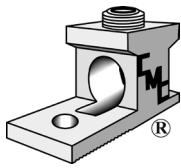
- Free Rotating Pad
- Made of 2011-T3 Aluminum

Benefits

- Eliminates Conductor Strand Twisting During Installation
- Keeps Strands Captive Under the Screw
- Easy Installation

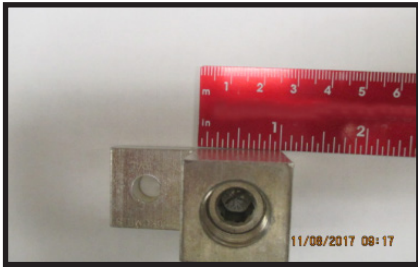
Catalog Number	Screw Type <i>mm</i>	Screw Length <i>mm</i>
1/4-28 X .535 LG DP SCREW	.13H	.535
	3.23	13.59
5/16-24 X .583 LG DP SCREW	.16H	.583
	4.01	14.81
7/16-20 X .770 LG DP SCREW	.19H	.770
	4.83	19.56
5/8-18 X .944 LG DP SCREW	.31H	.944
	7.98	23.98
3/4-16 X 1.147 LG DP SCREW	.38H	1.147
	9.70	29.13
7/8-14 X1.352 LG DP SCREW	.50H	1.352
	12.75	34.34





Installation Instructions

1. Measure the length of the wire hole in the connector, with a measuring device.
2. Measure and mark the conductor cable approximately 1/4" longer than the connector.
3. Strip the insulation from the cable with an appropriate stripping tool; be careful not to damage the conductor wire while performing this operation.
4. If the wire cable (conductor) is corroded or blemished in any way, clean the exposed end of the cable with emery cloth or wire brush dependent upon the severity of the corrosion to remove oxides from the surface of the conductor.
5. Prior to installation of the conductor to the connector, apply a generous amount of oxide inhibitor to the bare portion of the conductor.
6. Rotate the conductor back and forth to evenly distribute the inhibitor.
7. Install the conductor into the connector leaving approximate 1/4" of exposed conductor visible. Be sure the installed conductor is equal in length of the wire hole. Snug with an Allen wrench.
8. Torque the set screw to the recommended value with a torque wrench. After a minute, retighten the screw again to the recommended torque value.



1



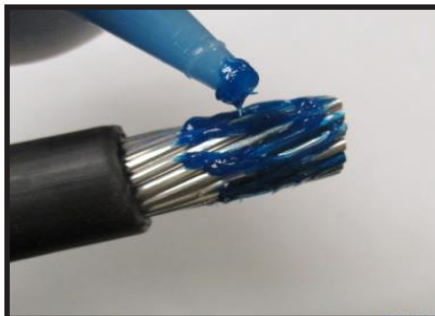
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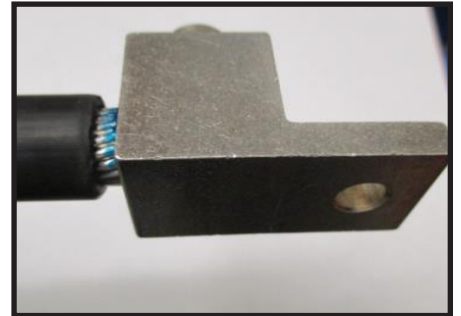
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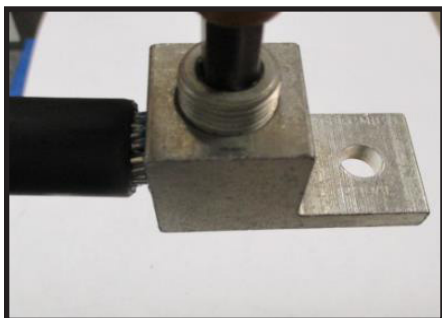
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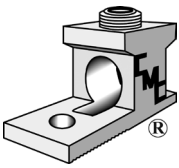
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7



8



Tightening Torque Values

Tightening Torque Values for Mechanical Screw Connectors

AWG. or Circular Mill Size	Slotted Head Screws				Hexagonal Head Screw	
	Slot Width .047 in (1.2 mm) or less		Slot Width More than .047 in (1.2 mm)			
	Slot Length .25 in (6.4 mm) or less		Slot Length More than .25 in (6.4 mm)			
	in-lbf	N-m	in-lbf	N-m	in-lbf	N-m
30-10	20	2.3	35	4.0	75	8.5
8	25	2.8	40	4.5	75	8.5
6-4	35	4.0	45	5.1	110	12.4
3	35	4.0	50	5.6	150	16.9
2	40	4.5	50	5.6	150	16.9
1			50	5.6	150	16.9
1/0 - 2/0			50	5.6	180	20.3
3/0 - 4/0			50	5.6	250	28.2
250-350			50	5.6	325	36.7
400			50	5.6	325	36.7
500			50	5.6	375	42.4
600-750			50	5.6	375	42.4
800-1000			50	5.6	500	56.5
1250-2000					600	67.8

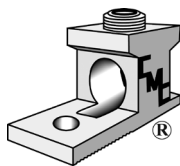
Tightening Torque Values for Socket Head Screw Connectors

Internal Socket Size Across Flats		Tightening Torque	
in	mm	Inch Pounds	Newton Meters
1/8	3.2	45	5.1
5/32	4.0	100	11.3
3/16	4.8	120	13.6
7/32	5.6	150	16.9
1/4	6.4	200	22.6
5/16	7.9	275	31.1
3/8	9.5	375	42.4
1/2	12.7	500	56.5
9/16	14.3	600	67.8

Additional Torque Information

Table shows the recommended Tightening torques for silicon bronze, stainless steel, galvanized steel and aluminum alloy hardware.

Bolt Diameter	Nominal Torque Values			
	Silicon Bronze, Galvanized or Stainless Steel		Aluminum Alloy (lubricated)	
	Ft. - Lbs.	Inch-Lbs.	Ft. - Lbs.	Inch - Lbs.
5/16-18	15	180	-	-
3/8-16	20	240	14	168
1/2-13	40	480	25	300
5/8-11	55	660	40	480
3/4-10	80	960	70	840



Additional Torque Information

For optimum efficiency, it is necessary that the correct bolt, nut, and washer combination be used with the correct combination of conductor materials. This table shows acceptable methods of joining different combination of bus bar. Where different combinations of metals are being joined, a follow-up device such as a conical pressure washer is usually recommended if one, or both, bus materials are soft drawn aluminum. If both bars are hard drawn, large flat washers will suffice regardless of the bolt materials.

Other considerations which should be taken into account when selecting hardware are corrosion and vibration. For example, if severe corrosion is anticipated, non-corrosive materials such as stainless steel or silicon bronze, should be selected in preference to galvanized steel. If vibration is anticipated, the use of locking washers should be considered.

Methods of Joining Bus Bars

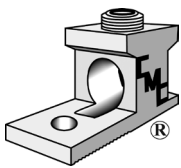
If "A" Bar is	Copper	Aluminum	Steel	Aluminum	Steel
If "B" Bar is	Copper	Copper	Copper	Aluminum	Aluminum
Hand drawn bus such as Al Alloy 	(1) Silicon Bronze (2) Stainless Steel	(1) Silicon Bronze (2) Aluminum (3) Stainless Steel	(1) Aluminum (2) Stainless Steel	(1) Aluminum (2) Stainless Steel (3) Silicon Bronze, Plated	(1) Aluminum (2) Stainless Steel
Soft drawn bus such as EC-H13 AL 	(1) Silicon Bronze (2) Stainless Steel	(1) Silicon Bronze (2) Aluminum (3) Stainless Steel (4) Conical Pressure Washer Plated or Stainless Steel	(1) Silicon Bronze (2) Stainless Steel	(1) Aluminum (2) Stainless Steel (3) Silicon Bronze Plated (4) Conical Pressure Washer Plated or Stainless Steel	(1) Aluminum (2) Stainless Steel (3) Silicon Bronze Plated (4) Conical Pressure Washer Plated or Stainless Steel

(1) Denotes preferred hardware usage. *Note: Contact sealant recommended between aluminum to aluminum and aluminum to copper connections unless other protective measures are taken.*

Bar Connections:

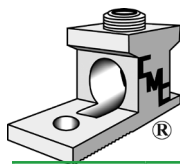
The Tang of a compression or mechanical connector is a bus bar, which connects to another bus bar. If you remember the rule about wire brushing and using joint compound with bare (unplated) aluminum, you cannot go wrong. Plated parts should be cleaned with a solvent if they are dirty, but never abrade or otherwise disturb the plating! Figure shows a typical bar connection and the type of hardware used.

Contact surface must be clean. Use a joint compound with bare aluminum. Conical pressure washer is usually recommended if one, or both, bus materials are soft drawn aluminum.



Wire Ranges

Size AWG-MCM	No. of Wires	Dia. Each Wire Inches	Dia. Inches	Clearance Drill	Present Clearance Between Conductor Dia. & Hole Dia.	Proposed or Suggested Drill Sizes for Wire Holes	Clearance Between Conductor & Proposed Drill Sizes
18	Solid	0.0403	0.0403	0.0469			
18	7	0.0403		0.0469			
16	Solid	0.0508	0.0508	0.0625			
16	7	0.0508		0.0625			
14	Solid	0.0641	0.0641	0.078			
14	7	0.0641		0.078			
12	Solid	0.0808	0.0808	0.098			
12	7	0.0808		0.098			
10	Solid	0.1019	0.1019	0.120			
10	7	0.1019		0.120			
8	Solid	0.1285	0.1285	0.156			
8	7	0.1285		0.156			
6	7	0.0612	0.184	0.219	0.035		
4	7	0.0772	0.232	0.250	0.018	0.265	0.033
3	7	0.0867	0.260	0.281	0.021	0.296	0.036
2	7	0.0974	0.292	0.312	0.020	0.328	0.036
1	19	0.0664	0.332	0.368	0.036		
0	19	0.0745	0.372	0.406	0.034		
00	19	0.0837	0.418	0.437	0.019	0.453	0.035
000	19	0.0940	0.470	0.500	0.030		
0000	19	0.1055	0.528	0.562	0.034		
250	37	0.0822	0.575	0.609	0.034	0.625	0.050
300	37	0.0900	0.630	0.656	0.026	0.687	0.057
350	37	0.0973	0.681	0.719	0.038	0.734	0.053
400	37	0.1040	0.728	0.781	0.053		
500	37	0.1162	0.813	0.875	0.062		
600	61	0.0992	0.893	0.938	0.045	0.953	0.060
700	61	0.1071	0.964	0.984	0.020	1.035	0.069
750	61	0.1109	0.998	1.035	0.037	1.062	0.064
800	61	0.1145	1.030	1.094	0.064		
900	61	0.1215	1.090	1.140	0.050	1.152	0.062
1000	61	0.1280	1.150	1.219	0.069	1.234	0.084
1250	91	0.1172	1.289	1.390	0.101	1.375	0.086
1500	91	0.1284	1.410	1.500	0.090		
1750	127	0.1174	1.526	1.593	0.067	1.625	0.099
2000	127	0.1255	1.630	1.697	0.057	1.734	0.104



Decimal Equivalents

Drill	Equivalent	Drill	Equivalent	Drill	Equivalent	Drill	Equivalent	Drill	Equivalent
1/16	.0625	53/64	.8281	1 19/32	1.59737	2 3/64	2.3593	3 1/4	3.2500
5/64	.07812	27/32	.8437	1 39/64	1.6093	2 3/8	2.3750	3 9/32	3.2812
3/32	.09375	55/64	.8593	1 5/8	1.6250	2 25/64	2.3906	3 5/16	3.3125
7/64	.10937	7/8	.8750	1 41/64	1.6406	2 13/32	2.4062	3 11/32	3.3437
1/8	.125	57/64	.8906	1 21/32	1.6562	2 27/64	2.4218	3 3/8	3.3750
9/64	.14062	29/32	.9062	1 43/64	1.6718	2 7/16	2.4375	3 13/32	3.4062
5/32	.15625	59/64	.9218	1 11/16	1.6875	2 29/64	2.4531	3 7/16	3.4375
11/64	.17187	15/16	.9375	1 45/64	1.7031	2 15/32	2.4687	3 15/32	3.4687
3/16	.1875	61/64	.9531	1 23/32	1.7187	2 31/64	2.4843	3 1/2	3.5000
13/64	.20312	31/32	.9687	1 47/64	1.7343	2 1/2	2.5000	3 17/32	3.5312
7/32	.21875	63/64	.9843	1 3/4	1.7500	2 33/64	2.5156	3 9/16	3.5625
15/64	.23437	1	1.0000	1 49/64	1.7656	2 17/32	2.5312	3 19/32	3.5937
1/4	.25	1 1/64	1.0156	1 25/32	1.7812	2 35/64	2.5468	3 5/8	3.6250
17/64	.26562	1 1/32	1.0312	1 51/64	1.7968	2 9/16	2.5625	3 21/32	3.6562
9/32	.28125	1 3/64	1.0468	1 13/16	1.8125	2 37/64	2.5781	3 11/16	3.6875
19/64	.29687	1 1/16	1.0625	1 53/64	1.8281	2 19/32	2.5937	3 23/32	3.7187
5/16	.3125	1 5/64	1.0781	1 27/32	1.8437	2 39/64	2.6093	3 3/4	3.7500
21/64	.32812	1 3/32	1.0937	1 55/64	1.8593	2 5/8	2.6250	3 25/32	3.7812
11/32	.34375	1 7/64	1.1093	1 7/8	1.8750	2 41/64	2.6406	3 13/16	3.8125
23/64	.35937	1 1/8	1.1250	1 57/64	1.8906	2 21/32	2.6562	3 27/32	3.8437
3/8	.375	1 9/64	1.1406	1 29/32	1.9062	2 43/64	2.6718	3 7/8	3.8750
25/64	.39062	1 5/32	1.1562	1 59/64	1.9218	2 11/16	2.6875	3 29/32	3.9062
13/32	.40625	1 11/64	1.1718	1 15/16	1.9375	2 45/64	2.7031	3 15/16	3.9375
27/64	.42187	1 3/16	1.1875	1 61/64	1.9531	2 23/32	2.7187	3 31/32	3.9687
7/16	.4375	1 3/64	1.2031	1 31/32	1.9687	2 47/64	2.7343	4	4.0000
29/64	.45312	1 7/32	1.2187	1 63/64	1.9843	2 3/4	2.7500	4 4/16	4.0625
15/32	.46875	1 5/64	1.2343	2	2.0000	2 49/64	2.7656	4 1/8	4.1250
31/64	.48437	1 1/4	1.2500	2 1/64	2.0156	2 25/32	2.7812	4 3/16	4.1875
1/2	.50	1 17/64	1.2656	2 1/32	2.0312	2 51/64	2.7968	4 1/4	4.2500
33/64	.5156	1 9/32	1.2812	2 3/64	1.0468	2 13/16	2.8125	4 15/16	4.3125
17/32	.5312	1 19/64	1.2968	2 1/16	2.0625	2 53/64	2.8281	4 3/8	4.3750
35/64	.5468	1 5/16	1.3125	2 5/64	2.0781	2 27/32	2.8437	4 7/16	4.4375
9/16	.5625	1 21/64	1.3281	2 3/32	2.0937	2 55/64	2.8593	4 1/2	4.5000
37/64	.5781	1 11/32	1.3437	2 7/64	2.1093	2 7/8	2.8750	4 9/16	4.5625
19/32	.5937	1 23/64	1.3593	2 1/8	2.1250	2 57/64	2.8906	5 5/8	4.6250
39/64	.6093	1 3/8	1.3750	2 9/64	2.1406	2 29/32	2.9062	4 11/16	4.6875
5/8	.6250	1 25/64	1.3906	2 5/32	2.1562	2 59/64	2.9218	4 3/4	4.7500
41/64	.6406	1 13/32	1.4062	2 11/64	2.1718	2 15/16	2.9375	4 13/16	4.8125
21/32	.6562	1 27/64	1.4218	2 3/16	2.1875	2 61/64	2.9531	4 7/8	4.8750
43/64	.6718	1 7/16	1.4375	2 13/64	2.2031	2 31/32	2.9687	4 15/16	4.9375
11/16	.6975	1 29/64	1.4531	2 7/32	2.2187	2 63/64	2.9843	5	5.0000
45/64	.7031	1 15/32	1.4687	2 15/64	2.2343	3	3.0000	5 1/8	5.1250
23/32	.7187	1 31/64	1.4843	2 1/4	2.2500	3 1/32	3.0312	5 1/4	5.2500
47/64	.7343	1 1/2	1.5000	2 17/64	2.2656	3 1/16	3.0625	5 3/8	5.3750
3/4	.7500	1 33/64	1.5156	2 9/32	2.2812	3 3/32	3.0937	5 1/2	5.5000
49/64	.7656	1 17/32	1.5312	2 19/64	2.2968	3 1/8	3.1250	5 5/8	5.6250
25/32	.7812	1 35/64	1.5468	2 5/16	2.3125	3 5/32	3.1562	5 3/4	5.7500
51/64	.7968	1 9/16	1.5625	2 21/64	2.3281	3 3/16	3.1875	5 7/8	5.8750
13/16	.8125	1 37/64	1.5781	2 11/32	2.3437	3 7/32	3.2187	6	6.0000