

Connectors for Copper Conductor

One-Hole Lugs - 45° Standard Barrel 600V to 35KV

Material: High Conductivity Wrought Copper

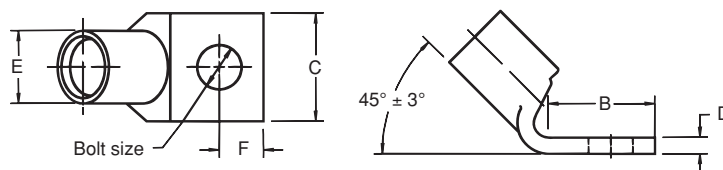
Finish: Electro Tin Plate



Cat. No.	Wire Size		Bolt Size	Dimensions (in.)					Die Code	Die Color
	Code	Flex		B	C	D	E	F		
54104UF	#8 AWG	23 Navy	#10	.50	.39	.08	.25	7/32	21	RED
54130UF		#8 Weld	1/4	.61	.45	.07	.25	1/4	21	RED
54131UF		37/24 = 14.9 kcmil	3/8	.64	.56	.05	.25	9/32	21	RED
54132UF			3/8	.64	.56	.05	.25	9/32	21	RED
54134UF	#6 AWG	30 Navy	#10	.53	.44	.07	.31	7/32	24	BLUE
54105UF		#6 Weld	1/4	.53	.44	.07	.31	7/32	24	BLUE
54135UF		61/24 = 24.6 kcmil	5/16	.67	.60	.07	.31	5/16	24	BLUE
54136UF			3/8	.67	.60	.07	.31	5/16	24	BLUE
54138UF	#4 AWG	40-50 Navy	#10	.60	.55	.09	.37	1/4	29	GREY
54106UF		91/24 = 36.7 kcmil	1/4	.60	.55	.09	.37	1/4	29	GREY
54139UF			5/16	.66	.61	.07	.37	5/16	29	GREY
54140UF		133/.0177	3/8	.66	.61	.07	.37	5/16	29	GREY
256-30695-264UF		49/.029	1/2	1.40	1.00	.06	.37	1/2	29	GREY
54107UF	#2 AWG	60 Navy	1/4	.65	.59	.11	.41	1/4	33	BROWN
54142UF		125/24 = 50.4 kcmil	5/16	.88	.59	.11	.41	3/8	33	BROWN
54143UF			3/8	.80	.59	.11	.41	3/8	33	BROWN
54145UF		#4 Weld	1/2	1.08	.75	.08	.41	1/2	33	BROWN
54108UF	#1 AWG	75 Navy, #2 Weld	1/4	.65	.68	.11	.47	1/4	37	GREEN
54147UF		150/24 = 60.5 kcmil	5/16	.93	.68	.11	.47	3/8	37	GREEN
54148UF			3/8	.98	.68	.11	.47	3/8	37	GREEN
54150UF		175/24 = 70.6 kcmil	1/2	1.25	.76	.11	.47	1/2	37	GREEN
54152UF	1/0 AWG	100 Navy	1/4	.65	.75	.13	.52	1/4	42	PINK
54153UF		#1 Weld	5/16	.88	.75	.13	.52	3/8	42	PINK
54109UF			3/8	.93	.75	.13	.52	3/8	42	PINK
54155UF		225/24 = 90.8 kcmil	1/2	1.25	.75	.13	.52	1/2	42	PINK
54157UF	2/0 AWG	125 Navy	1/4	.65	.83	.13	.57	1/4	45	BLACK
54158UF		1/0 Weld	5/16	.88	.83	.13	.57	3/8	45	BLACK
54110UF			3/8	.93	.83	.13	.57	3/8	45	BLACK
54160UF		275/24 = 111 kcmil	1/2	1.25	.83	.13	.57	1/2	45	BLACK
54162UF	3/0 AWG	150 Navy, 2/0 Weld	1/4	.65	.92	.13	.63	1/4	50	ORANGE
54163UF		325/24 = 131 kcmil	5/16	.88	.92	.13	.63	3/8	50	ORANGE
54111UF			3/8	.93	.92	.13	.63	3/8	50	ORANGE
54165UF		133/.0316, 259/.0227	1/2	1.25	.92	.13	.63	1/2	50	ORANGE
54167UF	4/0 AWG	200 Navy	1/4	.65	1.03	.14	.70	1/4	54	PURPLE
54168UF		3/0 Weld	5/16	.87	1.03	.14	.70	3/8	54	PURPLE
54112UF			3/8	.93	1.03	.14	.70	3/8	54	PURPLE
54170UF		450/24 = 182 kcmil	1/2	1.25	1.03	.14	.70	1/2	54	PURPLE
58161UF		4/0 Weld	1/4	.78	1.25	.15	.79	3/8	62	YELLOW
58162UF		550/24 = 222 kcmil	5/16	.88	1.25	.15	.79	3/8	62	YELLOW
58163UF			3/8	.93	1.25	.15	.79	3/8	62	YELLOW
58165UF		259/.0286	1/2	1.25	1.25	.15	.79	1/2	62	YELLOW
58166UF		637/.0183	5/8	1.58	1.25	.15	.79	5/8	62	YELLOW

Tooling: Pg. 79-100

Die Selector Chart: Pg. 105-109

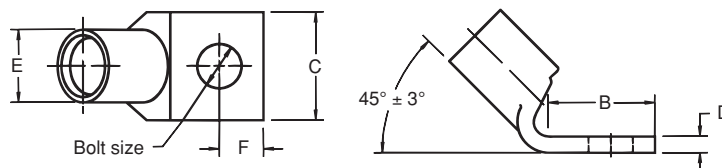


Color-Keyed®**Connectors for Copper Conductor****One Hole Lugs - 45° Standard Barrel**
600V to 35KV (continued)**Material:** High Conductivity Wrought Copper**Finish:** Electro Tin Plate

Cat. No.	Wire Size		Bolt Size	Dimensions (in.)					Die Code	Die Color
	Code	Flex		B	C	D	E	F		
54172UF	250 kcmil	250 Navy	1/4	.65	1.13	.14	.77	1/4	62	YELLOW
54173UF			5/16	.88	1.13	.14	.77	3/8	62	YELLOW
54174UF			3/8	.93	1.13	.14	.77	3/8	62	YELLOW
54113UF			1/2	1.25	1.13	.14	.77	1/2	62	YELLOW
58168UF		250 Weld, 650/24 = 262 kcmil, 259/.0311, 703/.0189	1/2	1.25	1.25	.15	.85	1/2	66	WHITE
54178UF	300 kcmil	300 Navy	5/16	.88	1.25	.15	.85	3/8	66	WHITE
54179UF			3/8	.93	1.25	.15	.85	3/8	66	WHITE
54114UF			1/2	1.25	1.25	.15	.85	1/2	66	WHITE
54181UF			5/8	1.58	1.25	.15	.85	5/8	66	WHITE
58171UF		300 Weld, 259/.034, 427/.0265, 889/.0183 775/24 = 313 kcmil	1/2	1.25	1.36	.18	.93	1/2	71	RED
256-30695-112UF	350 kcmil	350 Navy	3/8	1.25	1.36	.18	.93	1/2	71	RED
54115UF			1/2	1.25	1.36	.18	.93	1/2	71	RED
54183UF			5/8	1.58	1.36	.18	.93	5/8	71	RED
58174UF		350 Weld, 259/.0368, 427/.0285, 703/.0224, 889/.0201	1/2	1.25	1.61	.22	1.09	1/2	76	BLUE
54116UF	400 kcmil	400 Navy	1/2	1.25	1.41	.17	.96	1/2	76	BLUE
54185UF			5/8	1.58	1.41	.17	.96	5/8	76	BLUE
256-30695-1403UF		400 Weld	3/8	1.31	1.61	.22	1.04	5/8	80	N/A
58177UF		925/24 = 373 kcmil	1/2	1.25	1.61	.22	1.04	1/2	80	N/A
54118UF	500 kcmil	500 Navy	1/2	1.25	1.61	.22	1.10	1/2	87	BROWN
54187UF			5/8	1.58	1.61	.22	1.10	5/8	87	BROWN
58180UF		1100/24 = 444 kcmil, 500 Weld, 259/.0417, 427/.0325, 703/.0253	5/8	1.58	1.75	.24	1.20	1/2	94	GREEN
54120UF	600 kcmil		5/8	1.58	1.75	.24	1.20	1/2	94	GREEN
54122UF	700 kcmil		5/8	1.58	1.84	.23	1.26	1/2	99	PINK
256-30695-840UF		1325/24 = 535 kcmil	1/2	1.69	1.81	.28	1.25	13/16	99	PINK
58182UF		427/.0342	5/8	1.58	1.81	.28	1.25	5/8	99	PINK
54123UF	750 kcmil		5/8	1.58	1.94	.27	1.33	5/8	106	BLACK
58184UF		1600/24 = 646 kcmil	5/8	1.58	1.94	.27	1.33	5/8	106	BLACK
54124UF	800 kcmil	800 Navy	5/8	1.58	2.01	.27	1.38	5/8	107	ORANGE
54126UF	900 kcmil	1925/24 = 777 kcmil	5/8	1.58	2.17	.31	1.50	5/8	115	YELLOW
54128UF	1000 kcmil	1000 Navy	5/8	1.58	2.27	.30	1.55	5/8	125	N/A

Tooling: Pg. 79-100

Die Selector Chart: Pg. 105-109

**Thomas & Betts**