

TECHNICAL DATA SHEET - INTERACTIVE PDF

# Lugs, standard barrel 1 hole 45° tongue up to 35kV

## 8 AWG to 1000 kcmil

**Color-Keyed®**



Standard barrel lugs for wire termination of copper conductors ranging from 8 AWG to 1000 kcmil

**Certifications / Standards:**



**3-Part Specification: 26 05 83.12**

**End User Tools**

**Features:**

- Features Color-Keyed® identification system
- Chamfered barrel design helps eliminate wire hang-ups and maximizes crimp area
- Peep hole for visual inspection of wire fit

**Material / Finishes:**

- High conductivity copper / Electro tin plated

**Installation Tools:**

- Hand Tools:
    - TBM20S~, TBM21E~, TBM25S~
  - Hydraulic Tools
    - TBM6H\*, TBM12\*\*\*, 13100A\*\*\*, TBM15I, 21940
  - Battery Operated Tools:
    - BPLT6BSCR\*, BPLT62BSCR\*, BLT14BSCR, BPLT15BSCR
    - TBM8-750\*\*, TBM8-750BSCR\*\*, TBM8-750M-1\*\*
- ~ up to 2 AWG, \*up to 500 Navy, \*\*up to 750MCM, \*\*\*up to 900MCM

**Conforms to:**











- UL 486 A, UL486 B
- CSA C22.2 No. 65-18
- RoHS3 (Restriction of Hazardous Substance)
  - European Directive 2011/65 and Commission Delegated Directive 2015/863

**Table data:**

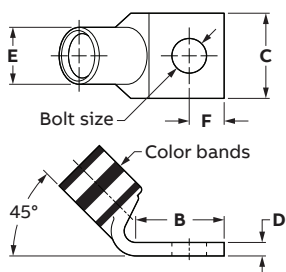
- 14 AWG to 2/0 AWG
- 250-1000 kcmil

**Lugs, standard barrel 1-Hole 45° tongue up to 35kV**  
14 AWG to 2/0 AWG

**Product selection and dimensions**

Part no.	Code	Wire Size		Dimensions (inches)					Die Code	Die Color
		Flex Class G, H, I, K, M	Bolt Size	B ±0.031	C ±0.031	D Approx.	E Nom.	F ±0.031		
54104UF	8 AWG	23 Navy	#10	0.50	0.40	0.08	0.27	7/32	21	Red 
54130UF		#8 Weld	1/4	0.61	0.45	0.07	0.26	1/4		
54131UF		37/24 = 14.9 kcmil	5/16	0.64	0.56	0.05	0.27	9/32		
54132UF			3/8	0.82	0.56	0.05	0.25	3/8		
54134UF	6 AWG	30 Navy	#10	0.53	0.44	0.07	0.31	7/32	24	Blue 
54105UF		#6 Weld	1/4	0.52	0.44	0.07	0.31	7/32		
54135UF		61/24 = 24.6 kcmil	5/16	0.67	0.60	0.07	0.31	5/16		
54136UF		133/.014	3/8	0.82	0.60	0.07	0.31	3/8		
54138UF	4 AWG	#4 Weld	#10	0.56	0.55	0.09	0.37	1/4	29	Gray 
54106UF		40-50 Navy	1/4	0.60	0.55	0.09	0.37	1/4		
54139UF		91/24 = 36.7 kcmil	5/16	0.78	0.61	0.07	0.37	3/8		
54140UF		133/.0177	3/8	0.82	0.61	0.07	0.37	3/8		
256-30695-264UF		49/.029	1/2	1.06	1.00	0.06	0.37	1/2		
54107UF	2 AWG	60 Navy	1/4	0.56	0.59	0.11	0.41	1/4	33	Brown 
54142UF		125/24 = 50.4 kcmil	5/16	0.84	0.59	0.11	0.41	3/8		
54143UF		#3 Weld	3/8	0.82	0.59	0.11	0.41	3/8		
54145UF			1/2	1.08	0.75	0.08	0.41	1/2		
54108UF	1 AWG	75 Navy, #2 Weld	1/4	0.62	0.68	0.11	0.47	1/4	37	Green 
54147UF		150/24 = 60.5 kcmil	5/16	0.84	0.68	0.11	0.47	3/8		
54148UF		175/24 = 70.6 kcmil	3/8	0.82	0.68	0.11	0.47	3/8		
54150UF		133/.0223	1/2	1.06	0.76	0.11	0.47	1/2		
54152UF	1/0 AWG	100 Navy	1/4	0.56	0.75	0.13	0.52	1/4	42	Pink 
54153UF		#1 Weld	5/16	0.78	0.75	0.13	0.52	3/8		
54109UF		225/24 = 90.8 kcmil	3/8	0.82	0.75	0.13	0.52	3/8		
54155UF		133/.0254	1/2	1.06	0.75	0.13	0.52	1/2		
54157UF	2/0 AWG	125 Navy	1/4	0.56	0.83	0.13	0.57	1/4	45	Black 
54158UF		1/0 Weld	5/16	0.78	0.83	0.13	0.57	3/8		
54110UF		275/24 = 111 kcmil	3/8	0.82	0.83	0.13	0.57	3/8		
54160UF		427/.0155, 133/.0282	1/2	1.06	0.83	0.13	0.57	1/2		
54162UF	3/0 AWG	150 Navy, 2/0 Weld	1/4	0.56	0.92	0.13	0.63	1/4	50	Orange 
54163UF		325/24 = 131 kcmil	5/16	0.78	0.92	0.13	0.63	3/8		
54111UF		133/.0316, 259/.0227	3/8	0.82	0.92	0.13	0.63	3/8		
54165UF		427/.0177	1/2	1.06	0.92	0.13	0.63	1/2		
54167UF	4/0 AWG	200 Navy	1/4	0.56	1.03	0.14	0.70	1/4	54	Purple 
54168UF		3/0 Weld	5/16	0.78	1.03	0.14	0.70	3/8		
54112UF		450/24 = 182 kcmil	3/8	0.82	1.03	0.14	0.70	3/8		
54170UF		703/.0154	1/2	1.06	1.03	0.14	0.70	1/2		
58161UF	-	4/0 Weld	1/4	0.56	1.25	0.15	0.85	1/4	62	Yellow 
58162UF		550/24 = 222 kcmil	5/16	781.00	1.25	0.15	0.85	3/8		
58163UF		133/.0399	3/8	0.82	1.25	0.15	0.85	3/8		
58165UF		259/.0286	1/2	1.06	1.25	0.15	0.85	1/2		
58166UF		637/.0183	5/8	1.56	1.25	0.15	0.85	5/8		

Note: Product must be installed in accordance with applicable national and local electrical codes.



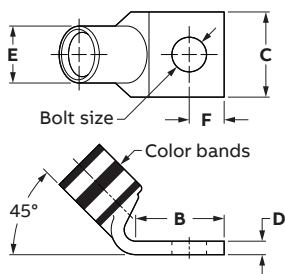
## Lugs, standard barrel 1-Hole 45° tongue up to 35kV

250-1000 kcmil

### Product selection and dimensions

Part no.	Code	Wire Size		Dimensions (inches)					Die Code	Die Color	
		Flex Class G, H, I, K, M	Bolt Size	B ±0.031	C ±0.031	D Approx.	E Nom.	F ±0.031			
54172UF	250 kcmil	250 Navy	7	¼	0.562	1.13	0.14	0.77	¼	62	Yellow
54173UF			5/16	0.781	1.13	0.14	0.77	¾			
54174UF			¾	0.815	1.13	0.14	0.77	¾			
54113UF			½	1.062	1.13	0.14	0.77	½			
58168UF	–	250 Weld, 650/24 = 262 kcmil, 259/.0311, 703/.0189	½	½	0.781	1.25	0.15	0.85	½	66	White
54178UF	300 kcmil	300 Navy	5/16	0.815	1.25	0.15	0.85	¾			
54179UF			¾	0.93	1.25	0.15	0.85	¾			
54114UF			½	1.25	1.25	0.15	0.85	½			
54181UF			5/8	1.5	1.25	0.15	0.85	5/8			
58171UF	–	300 Weld, 259/.034, 427/.0265, 889/.0183 775/24 = 313 kcmil	½	½	1.062	1.36	0.18	0.93	½	71	Red
54115UF06	350 kcmil	350 Navy	¾	0.815	1.36	0.18	0.93	¾			
54115UF			½	1.062	1.36	0.18	0.93	½			
54183UF			5/8	1.5	1.36	0.18	0.93	5/8			
58174UF	–	350 Weld, 259/.0368, 427/.0285, 703/.0224, 889/.0201	½	½	1.062	1.61	0.22	1.09	½	76	Blue
54116UF	400 kcmil	400 Navy	½	1.062	1.41	0.17	0.96	½			
54185UF			5/8	1.5	1.41	0.17	0.96	5/8			
58177UF06	–	400 Weld 925/24 = 373 kcmil	¾	0.815	1.61	0.22	1.04	¾	80	–	
58177UF	½		1.062	1.61	0.22	1.04	½				
54118UF	500 kcmil	500 Navy	½	1.062	1.61	0.22	1.1	½	87	Brown	
54187UF			5/8	1.5	1.61	0.22	1.1	5/8			
58180UF	–	1100/24 = 444 kcmil, 450, 1127 450, 4522	5/8	5/8	1.5	1.75	0.24	1.2	5/8	94	Green
54120UF	600 kcmil	–	5/8	1.5	1.75	0.24	1.2	5/8			
54122UF	700 kcmil	–	5/8	1.5	1.84	0.23	1.26	5/8	99	Pink	
58182UF	–	1325/24 = 535 kcmil	½	1.5	1.81	0.28	1.25	5/8			
58182UF	–	427/.0342	5/8	1.5	1.81	0.28	1.25	5/8			
54123UF	750 kcmil	600 Flex 427 Str.	5/8	1.5	1.94	0.27	1.33	5/8	106	Black	
58184UF	–	1600/24 = 646 kcmil	5/8	1.5	1.94	0.27	1.33	5/8			
54124UF	800 kcmil	800 Navy	5/8	1.5	2.01	0.27	1.38	5/8	107	Orange	
54126UF	900 kcmil	1925/24 = 777 kcmil, 900 Navy	5/8	1.5	2.17	0.31	1.5	5/8	115	Yellow	
54128UF	1000 kcmil	1000 Navy	5/8	1.5	2.27	0.3	1.55	5/8	125	–	

Note: Product must be installed in accordance with applicable national and local electrical codes.



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