

Tools and Dies

Dies for Standard Lugs & Splices (TBM45S – TBM12)

CONNECTOR SIZE				TBM8-750M-1 TBM8-750BSCR TBM8-750			TBM-8/8S	TBM-5/5S	TBM6/6S / 25000		13642M / 13400 HYDRAULIC HEAD		TBM12 HYDRAULIC HEAD	
CODE COPPER	FLEX/24	AL/CU	COLOR CODE	TBM45S	TBM4S	TBM8-750	TBM8 DIE CAT. NO.	TBM5 DIE CAT. NO.	CAT. NO. UPPER DIE	CAT. NO. LOWER DIE	DIE CAT. NO.	DIE CODE NO.	DIE CAT. NO.	DIE CODE NO.
#8 AWG	37/24	10 AWG	RED	C-Taps Only	↕	↕	13461	13454	13475	13477	11732	21	TBM12D-1	21
#6 AWG	61/24	#8 AWG	BLUE						13475	13477	11733	24	TBM12D-1	24
#4 AWG	91/24	#6 AWG	GRAY						13472	13476	11734	29	TBM12D-2	29
#2 AWG	125/24		BROWN						13474	13477	11735	33	TBM12D-2	33
#1 AWG	150/24	#4 AWG	GREEN						13474	13477	11736	37	TBM12D-3	37
1/0 AWG	225/24	#2 AWG	PINK						13475	13477	11737	42	TBM12D-3	42
2/0 AWG	275/24		BLACK						13474	13477	11738	45	TBM12D-4	45
3/0 AWG	325/24		ORANGE						13474	13477	11739	50	TBM12D-4	50
4/0 AWG	450/24		PURPLE						13475	13477	11740	54	TBM12D-5	54
250 kcmil	550/24		YELLOW						13473	13476	11771	62	TBM12D-5	62
		#1 AWG	GOLD	13474	13477	11738	45	TBM12D-4	45					
		1/0 AWG	TAN	13474	13477	11739	50	TBM12D-4	50					
		2/0 AWG	OLIVE	13475	13477	11740	54	TBM12D-5	54					
		3/0 AWG	RUBY	13473	13476	11741	60	TBM12D-5	60					
300 kcmil		4/0 AWG	WHITE	13465		11742	66H	TBM12D-5	66H					
350 kcmil	775/24	250 kcmil	RED	13466	13458	11743	71H	TBM12D-4	71H					
400 kcmil	775/24	300 kcmil	BLUE	13467	4/0 only	11744	76H	TBM12D-4	76H					
	925/24*		N/A			11745	80H							
			N/A											
500 kcmil		350 kcmil	BROWN	13468		11746-TB	87H	TBM12D-3	87H					
600 kcmil	1100/24	400 kcmil	GREEN			11747	94H	TBM12D-3	94H					
			GREEN						94H					
	1325/24**		PINK											
700 kcmil		500 kcmil	PINK			11748	99H	TBM12D-2	99H					
750 kcmil		650 kcmil	BLACK			11749	106H	TBM12D-2	106H					
800 kcmil			ORANGE			11750	107H							
		700 kcmil	PURPLE			11751	112H	TBM12D-1	112H					
900 kcmil	1925/25	750 kcmil	YELLOW			11753	115H	TBM12D-1	115H					
1000 kcmil		800 kcmil												
		1000 kcmil												

* Standard barrel only. Long barrel requires Brown 87H.

** Standard barrel only. Long barrel requires Brown 106H.

Dies for Standard Lugs & Splices (OD58)

CONNECTOR SIZE				OD58	
CODE COPPER	FLEX/24	AL/CU	COLOR CODE	DIE CAT NO.	DIE CODE NO.
#8 AWG	37/24	#10 AWG	RED	BY15C	21
#6 AWG	61/24	#8 AWG	BLUE	BY17C	24
#4 AWG	91/24	#6 AWG	GRAY	BY19C	29
#2 AWG	125/24		BROWN	BY21C	33
#1 AWG	150/24	#4 AWG	GREEN	BY53C	37
1/0	225/24	#2 AWG	PINK	BY23C	42
2/0	275/24		BLACK	BY28C	45
3/0	325/24		ORANGE	BY25C	50
4/0	450/24		PURPLE	BY27C	54
250 kcmil	550/24		YELLOW	BY31C	62
		#1 AWG	GOLD	BY24C	45
		1/0	TAN	BY25C	50
		2/0	OLIVE	BY31C	54
		3/0	RUBY	BY32C	60

Tools and Dies

Dies for Standard Lugs & Splices (BPLT6BSCR – 21940)

CONNECTOR SIZE			COLOR CODE	BPLT6BSCR/TBM6H				BPLT6BSCR/ BPLT62BSCR			
CODE COPPER	FLEX/24	AL/CU		DIE CAT. NO.	DIE CODE NO.	HEX-FLEX® DIE CAT. NO.	HEX-FLEX® DIE CODE NO.	DIE CAT. NO.	DIE CODE NO.	HEX-FLEX® DIE CAT. NO.†	HEX-FLEX® DIE CODE NO.
8 AWG	37/24	10 AWG	RED	6TON21	21	6TON21X	21X	TBM6221	21	TBM6221X	21X
6 AWG	61/24	8 AWG	BLUE	6TON24	24	6TON24X	24X	TBM6224	24	TBM6224X	24X
4 AWG	91/24	6 AWG	GRAY	6TON29	29	6TON29X	29X	TBM6229	29	TBM6229X	29X
2 AWG	125/24		BROWN	6TON33	33	6TON33X	33X	TBM6233	33	TBM6233X	33X
1 AWG	140/24	4 AWG	GREEN	6TON37	37	6TON37X	37X	TBM6237	37	TBM6237X	37X
1/0	225/24	2 AWG	PINK	6TON42	42	6TON42X	42X	TBM6242	42	TBM6242X	42X
2/0	275/24		BLACK	6TON45	45	6TON45X	45X	TBM6245	45	TBM6245X	45X
3/0	325/24		ORANGE	6TON50	50	6TON50X	50X	TBM6250	50	TBM6250X	50X
4/0	450/24		PURPLE	6TON54	54	6TON54X	54X	TBM6254	54	TBM6254X	54X
250 kcmil	550/24		YELLOW	6TON62	62	6TON62X	62X	TBM6262	62	TBM6262X	62X
		1 AWG	GOLD	6TON45	45	6TON66X	66X	TBM6245	45		
		1/0	TAN	6TON50	50			TBM6250	50		
		2/0	OLIVE	6TON54	54			TBM6254	54		
		3/0	RUBY	6TON60	60			TBM6260	60		
300 kcmil		4/0	WHITE	6TON66	66H			TBM6266	66	TBM6266X	66X
350 kcmil	775/24 (short)	250 kcmil	RED	6TON71	71H			TBM6271	71		
400 kcmil	775/24 (long)	300 kcmil	BLUE	6TON76	76H			TBM6276	76		
	925/24*			6TON80	80H			TBM6280	80		
500 kcmil		350 kcmil	BROWN	6TON87	87H			TBM6287	87		
600 kcmil	1100/24	400 kcmil	GREEN	6TON94	94H						
			GREEN								
700 kcmil	1325/24**	500 kcmil	PINK		99H						
750 kcmil		650 kcmil	BLACK		106H						
800 kcmil			ORANGE		107H						
		700 kcmil	PURPLE		112H						
900 kcmil	1925/24	750 kcmil	YELLOW		115H						
1000 kcmil		800 kcmil	N/A								
		1000 kcmil	N/A								

*Standard barrel only. Long barrel requires Brown 87H.

**Standard barrel only. Long barrel requires Black 106H.

***15500 Series dies require 15500-TB adapter. 15500F for full-size die to fit TBM15I without adapter.

† HEX-FLEX® Dies are sold separately in halves. The catalog numbers shown in the chart above are for the upper half of the die.

For the bottom half (the indenter), order one Cat. No. 6TONX for all 6TONX Series, one Cat. No. TBM62X for all TBM62X Series Die Codes 21X–66X, one Cat. No. 15500X for 15500X Series Die Codes 21X–94X and one Cat. No. 15600X for all 15600X Series Die Codes 62X–115X.

Dies for Standard C-Taps

CONNECTOR	COLOR CODE	TBM25S DIE NO.	TBM5/5S DIE NO.	TBM6/6S DIE NO.	TBM8/8S DIE NO.	BPLT6BSCR BPLT62BSCR DIE NO.	TBM6H/BPLT6BSCR DIE NO.
54705	RED	Red Nest	13454	13475/13477	13461	TBM6221	6TON21
54710	BLUE	Blue Nest	13454	13475/13477	13461	TBM6224	6TON24
54715	GRAY	Grey Nest	13454	13472/13476	13461	TBM6229	6TON29
54720	BROWN	Brown Nest	13454	13474/13477	13461	TBM6233	6TON33
54725	GREEN	Green Nest	13455	13474/13477	13462	TBM6237	6TON37
54730	PINK	—	13455	13475/13477	13462	TBM6242	6TON42
54735	BLACK	—	13455	13474/13477	13462	TBM6245	6TON45
54740	ORANGE	—	13455	13474/13477	13462	TBM6250	6TON50
54745	PURPLE	—	13456	13475/13477	13463	TBM6254	6TON54
54750	YELLOW	—	13456	13473/13478	13463	TBM6262	6TON62

Tools and Dies

BPLT14BSCR/TBM14M TBM14MC/13100A/JB12B				BPLT15BSCR/ TBM15I***								21940 (40 TON)	
DIE CAT. NO.	DIE CODE NO.	HEX-FLEX® DIE CAT. NO.†	HEX-FLEX® DIE CODE NO.	DIE CAT. NO.	DIE CODE NO.	FULL DIE CAT. NO.	FULL DIE, DIE CODE NO.	HEX-FLEX® DIE CAT. NO.†	HEX-FLEX® DIE CODE NO.	HEX-FLEX® FULL DIE CAT. NO.†	HEX-FLEX® DIE CODE NO.	DIE CAT. NO.	DIE CODE NO.
15520	21	15520X	21X	15520	21	15520F	21	15520X	21X				
15522	24	15522X	24X	15522	24	15522F	24	15522X	24X				
15527-CK	29	15527X	29X	15527-CK	29	15527F	29	15527X	29X			11401	29
15528	33	15528X	33X	15528	33	15528F	33	15528X	33X			11402	33
15513-CK	37	15513X	37X	15513-CK	37	15513F	37	15513X	37X			11333	37
15508	42	15508X	42X	15508	42H	15508F	42	15508X	42X			11334	42
15526	45	15526X	45X	15526	45	15526F	45	15526X	45X			11405	45
15530	50	15530X	50X	15530	50	15530F	50	15530X	50X			11406	50
15511	54	15511X	54X	15511	54H	15511F	54	15511X	54X			11407	54H
15510-CK	62	15510X	62X	15510-CK	62	15510F	62	15510X	62X	15662X	62X	297-31669-7	62
15526	45			15526	45							11405	45
15530	50			15530	50							11406	50
15511	54			15511	54H							11407	54
15532-CK	60			15532-CK	60	15532F	60					11408	60
15534	66	15534X	66X	15534	66	15534F	66	15534X	66X	15666X	66X	11409	66
15514-CK	71H	15514X	71X	15514-CK	71H	15514F	71	15514X	71X	15671X	71X	11363	71
15512	76	15512X	76X	15512	76	15512F	76	15512X	76X	15676X	76X	11410	76
15517	80H	15517X	80X	15517	80H			15517X	80X	15606X	80X		
15506	87H	15506X	87X	15506	87H	15506F	87H	15506X	87X	15687X	87X	11423	87
15536-CK	94H	15536X	94X	15611	94H			15536X	94X	15611X	94X	11364	94
15505	99H			15536-CK	94H								
15505	99H			15505	99H	15505F	99H			15605X	99X	11424	99
15515-CK	106H			15515-CK	106H	15515F	106H			15615X	106X	74506	106
15540	107H			15608	107H					15608X	107X	11425	107
				15609	112H							11426	112
15504	115H			15504	115H	15504F	115H			15604X	115X	11308	115
				15603	125H							11416	125
				15602	140H							11418	140
				15601	150H							11419	150

Dies for Large C-Taps

CONNECTOR	COLOR CODE	13642M/13400 DIE NO.	TBM12 DIE NO.	13100A/JB12B/TBM14M/ BPLT14BSCR DIE NO.	TBM15I/ BPLT15BSCR DIE NO.
54755	BLUE	11744	TBM12D-4	15512	15512
54760	BROWN	11746-TB	TBM12D-3	15506	15506
54765	PINK	11748	TBM12D-2	15505	15505
54770	BLACK	11749	TBM12D-2	15515-CK	15515-CK
54775	YELLOW	11753	TBM12D-1	15504	15504
54780	WHITE	—	—	—	15603
54785	N/A	—	—	—	15603
54790	N/A	—	—	—	15603

Tools and Dies

Dies for Aluminum H-Taps

CONNECTOR	COLOR CODE	TBM5/5S DIE NO.	TBM6/6S DIE NO.	TBM8/8S DIE NO.	TBM12 DIE NO.	TBM6H/ BPLT6BSCR DIE NO.	13100A/JB12B/ TBM14M/ BPLT14BSCR DIE NO.	TBM15/ BPLT15BSCR DIE NO.
63105	ORANGE	13455	13474/13477	13462	TBM12D-4	6TON50	15530	15530
63110	GREEN	—	13470	—	TBM12D-H	OJB	15501A	15501A
63118		—	13470	—	TBM12D-H	OJB	15501A	15501A
63125		—	13470	—	TBM12D-H	OJB	15501A	15501A
63140	BLUE	—	13471	—	TBM12D-H	DBL	15502	15502
63148	RED	—	13471	—	TBM12D-H	DBL	15502	15502
63160		—	—	—	—	—	—	15612
63169		—	—	—	—	—	—	15620
63170	BLACK	—	—	—	—	—	—	15620
63180		—	—	—	—	—	—	15620

Dies for Copper H-Taps

CONNECTOR	COLOR CODE	TBM6H/ BPLT6BSCR DIE NO.	13100A/JB12B/ TBM14M/ BPLT14BSCR DIE NO.	TBM15/ BPLT15BSCR DIE NO.
CHT814-10	GREEN	6TON37R	15CA37RCH	15CA37RCH
CHT214-9	BROWN	6TON71R	15CA71RCH	15CA71RCH
CHT250214-8	PURPLE	—	15CA80RCH	15CA80RCH
CHT25014-7		—	15CA80RCH	15CA80RCH
CHT2502-6		—	15CA80RCH	15CA80RCH
CHT50010-5	BROWN	—	—	15612CH
CHT50040-4		—	—	15612CH
CHT75010-3	YELLOW	—	—	15620CH
CHT750350-2		—	—	15620CH
CHT75040-11		—	—	15620CH
CHT750350-1F		—	—	15620CHF

Dies for High-Voltage Connectors

DIE CODE NO.	TBM15I, TBM14M, 13100A	
	ADAPTER TYPE**	NON-ADAPTER TYPE
29R	15CA29R	—
33R	15CA33R	—
37R	15CA37R	—
42R	15CA42R	—
45R	15CA45R	—
49R	15CA49R	—
54R	15CA54R	—
60R	15CA60R	—
66R	15CA66R	—
71R	15CA71R	—
76R	15CA76R	—
87R	15CA87R	—
94R	15CA94R†	—
106R	15CA106R†	—
125R	—	15C125R*

*To be used with TBM15I only.

**Use 15500-TB adapter with TBM15I tool.

†Not UL Listed in TBM14M/13100A tool.

Dies for Figure 6 & Figure 8 Ground Connectors

CONNECTOR	CABLE ELEMENT A	TO CABLE ELEMENT B	TO GROUND ROD ELEMENT B	TO REBAR ELEMENT B	DIE SELECTION	
					ELEMENT A	ELEMENT B
54855L	#6 Sol. – #2 Str.	#6 Sol. – #2 Str.	—	—	15501A	15501A
54865L	#1 Str. – 250 kcmil	#6 Sol. – #2 Str.	½" – ⅝" Rod	⅜" – ½" #3 – #4 Rebar	15G86R	15501A
54875L	#2 Str. – 250 kcmil	#2 Str. – 250 kcmil	½" – ⅝" Rod	⅜" – ½" #3 – #4 Rebar	15G86R	15G86R
54885L	250 kcmil – 500 kcmil	#6 Sol. – #2 Str.	⅝" – ¾" Rod	⅝" – ¾" #3 – #4 Rebar	15G126R	15501A
54895L	250 kcmil – 500 kcmil	#2 Str. – 250 kcmil	⅝" – ¾" Rod	⅝" – ¾" #4 – #5 Rebar	15G126R	15G86R
54900L	250 kcmil – 500 kcmil	#2 Str. – 250 kcmil	⅝" – ¾" Rod	⅝" – ¾" #4 – #5 Rebar	15G121R	15G121R