

Installing Dies

Insert Dies for TBM6H Hydraulic Head and Type OD Tools



Cat. No.	Description or Colour Codes	Cat. No.	Description or Colour Codes
OJB	0	BY37	840 (EEI 11A)
DBL	D	BY55	Wire Cutter (2/0 max.)
BY39	510 Hex (non-bow)	BY63	Orange (Nicopress)
BY41	635 Hex (non-bow)	BY65	Plum
BY43	747 Hex (non-bow)	BY15C*	7/32 Red
BY45	T	BY17C*	1/4 Blue
BY47	K	BY19C*	5/16 Grey
BY49	B	BY21C*	3/8 Brown
BY51	J	BY23C*	1/2 Pink
BY53	P	BY24C*	1/2-1 Gold
BY13	3/16	BY25C*	9/16 Tan/Orange
BY15*	7/32 (EEI-1 index 236)	BY27C*	11/16 Yellow
BY17	1/4	BY31C*	5/8-1 Olive/Purple
BY19	5/16 (index 161.242)	BY32C*	Ruby
BY21	3/8	BY35C*	781 White
BY23	1/2 (index 163)	BY37C*	840 Red
BY25	9/16	BY28C*	17/32 Black
BY27	11/16	BY53C*	P Green
BY29	19/32	BG-1-BB	Canvas Bag for OD58
BY31	5/8-1 (index 165)	ODH1	Insulating Head Cover
BY33	737	-	-
BY35	781	-	-

*Can also be used with OD58 tool.

Insert Dies for Hydraulic Heads* JB12B, 13100A, TBM14M, TBM14CR-LI, TBM14RH, TBM15I, TBM15CR-LI



Cat. No.	Description or Colour Codes	Cat. No.	Description or Colour Codes
B58CS	5/8 Die Set	B75AH	-
HO	"O" Die Set	B76AH	-
HD	"D" Die Set	B76SH	-
HN	"N" Die Set	B06CHI	Pink/Gold #1/0 AWG Cu
HU	"U" Die Set	B08CH	Tan/Orange #3/0 AWG Cu
HBKC	BKC	B09CH	Olive/Purple #4/0 AWG Cu
HBKT	BKT	B11CH	Red/Blue #350/400 kcmil Cu
B24EA	EEI 8A	B10SH	-
B30EA	EEI 9A	B05CH	Green #1 AWG Cu
B39EA	EEI 10A	B26CH	Ruby/Yellow #250 kcmil Cu
B49EA	EEI 11A (840)	B71CH	Red #8 AWG Cu
B61EA	EEI 12A	B72CH	Black #2/0 AWG Cu
B80EA	EEI 13A	B73CH	Blue #6 AWG Cu
B20AH	EEI14A	B74CH	Grey #4 AWG Cu
B71AH	-	B75CH	Brown #2 AWG Cu
B72AH	-	B76CH	Pink #500 kcmil Al
B73AH	-	B10CHI	White #300 kcmil Cu
B74AH	-	B12CHI	Brown #500 kcmil Cu

*Adaptor 15500-TB required with T&B 15-Ton tools.

Cross-Reference for 21940 (40-Ton) Tool Dies

Die Designation	Die Code	Cat. No.	Burdly	
			Copper	Aluminum
-	66	11409	30RT	28RT
840	71 / 76	11363 / 11410	31RT / 32RT	29RT / 30RT
1	87	11423	34RT	31RT
1-1/8	94 / 99	11364 / 11424	36RT / 38RT	32RT / 34RT
-	106	74506	39RT	36RT
1-5/16	107 / 112	11425 / 11426	40 RT	40 RT
1-1/2	115 / 125	11308 / 11416	44 RT	39 ART
1-5/8	140	11418	-	40RT
1-3/4	150 / 161	11419 / 11420	46RT	44RT
-	175	11421	-	-

Installing Dies

Tool and Die Index for Copper Compression Connectors For Flexible Rope Stranded or Flexible Stranded Tinned Copper Locomotive Conductor Welding Cable and Portable Cord Short Barrel — Types CTL, CTL-2 and CSP

Conductor Type				Blackburn Tools		Burdny Tools				T&B Tools		Anderson Tools					
Flex Stranded Size	Locomotive Stranding	Welding Cable	Portable Cord	Stranded Cu AWG Size	Die Colour Code	Hyd. JB12B	Crimps per End	Mech. MY29-11	Crimps per End	Hyd. Y35, Y39, Y46	Crimps per End	Hyd. TBM15	Crimps per End	Cu Wire Range for Locomotive Cable	VC6† VC6FT	VC7† VC7FT Crimps per End	VC8††
6	37/24	–	8	8	Red	B71CH				–	–	21					
6	61/24	6	6	6	Blue	B73CH	1		1	U5CD-1 Y34PR3		24	2	–	–	–	
5	91/24	–	–	4	Grey	B74CH				U4CD-1 Y34PR		29					
4	105/24	4	4	3	White	–	–			U3CD-1 Y34PR		–	–				
3	125/24	3	3	2	Brown	B75CH	1		2	U2CD-1 Y34PR	1	33	2	4-3			
2	150/24	2	2	1	Green	B05CH		**		U1CD-1 Y34PR		37		4-2	1		
1	225/24	1	1	1/0	Pink	B06CHI	2			U250-1 Y34PR		42H	3	4-1		2	
1/0	275/24	1/0	1/0	2/0	Black	B72CH	1			U26CD-1 Y34PR		45	2	4-1/0			–
2/0	325/24	2/0	2/0	3/0	Orange	B08CH				U270-1 Y34PR		50		2-2/0	2		
–	–	3/0	3/0	4/0	Purple	B09CH				U280-1 Y34PR		54H	3	–	–	–	
3/0	450/24	4/0	–	250	Yellow	B26CH				U290-1 Y34PR3		62	2	1/0-3/0†		2	
4/0	550/24		4/0	300	White	B12CHI B12CH				U300-1 Y34PR3	2	66		2/0-4/0†		–	
263	650/24			300	Red	B11CH	2			U310-1 Y34PR3		71H	3	3/0-263†	2		
313	775/24			400	Blue	B11CH				Y320-1 Y34PRU3		76	2	4/0-313†		3	
373	925/24			500	Brown	B10CHI B10CH				U340-1 Y34PR3	–	87H		4/0-373†			2†††
444	1100/24		–	600	Green	B36CH	3			C360 Y46PR4		94H	3	262-444		3 VC7FT only	2†††
535	1325/24			750	Black	B39CH†	1			C390 Y46PR4	2	106H		373-535	–	4 VC7FT only	2
646	1600/24			–	–	–	–			–	–	–	–	–		–	–
777	1925/24			1000	–	–	1			C440 Y46PR4	2	125H	4	535-777		–	2

** Adjustable Indent Tool. No insert dies required.

1 HCT7508-12, HCT1239, HCT7508H only.

3 Y39, Y46 only.

4 Y46 only.

† Users of VC6 and VC7 tools must strip off an extra 1-5/8 in. of insulation from end of cable to permit removal of tool over conductor sizes 250 kcmil and larger on Cu connectors.

†† Also use VC8 tool with aluminum nibs.

††† VC8 tool crimps 500 kcmil only.

†††† VC8 tool crimps 500-600 kcmil only.

Installing Dies

Tool and Die Index for Copper Compression Connectors Long Barrel — Types CTL-L, LCN and CU

Conductor Type						Blackburn Tools		Burdny Tools				T&B Tools		Anderson Tools			
Flex Stranded Size	Locomotive Stranding	Welding Cable	Portable Cord	Stranded Cu AWG Size	Die Colour Code	Hyd. JB12B	Crimps per End	Mech. MY29-11	Crimps per End	Hyd. Y35, Y39, Y46	Crimps per End	Hyd. TBM15	Crimps per End	Cu Wire Range for Locomotive Cable	VC6†	VC7†	VC8††
8	37/24	—	8	8	Red	B71CH			2	—	—	21					
6	61/24	6	6	6	Blue	B73CH	2		2	U5CD-1 Y34PR3		24	2	—	—	—	
5	91/24	—	—	4	Grey	B74CH			2	U4CD-1 Y34PR		29					
4	105/24	4	4	3	White	—	—		3	U3CD-1 Y34PR		—	—				
3	125/24	3	3	2	Brown	B75CH	2		3	U2CD-1 Y34PR		33	2	4-3			
2	150/24	2	2	1	Green	B05CH	2	**	3	U1CD-1 Y34PR		37		4-2	1		
1	225/24	1	1	1/0	Pink	B06CHI	3		3	U250-1 Y34PR		42H	3	4-1		2	
1/0	275/24	1/0	1/0	2/0	Black	B72CH	2		3	U26CD-1 Y34PR		45	2	4-1/0			—
2/0	325/24	2/0	2/0	3/0	Orange	B08CH	2		4	U270-1 Y34PR		50		2-2/0	2		
—	—	3/0	3/0	4/0	Purple	B09CH			4	U280-1 Y34PR		54H	3	—	—	—	
3/0	450/24	4/0		250	Yellow	B26CH			4	U290-1 Y34PR3		62		1/0-3/0†		2	
4/0	550/24		4/0	300	White	B12CHI B12CH	3			U300-1 Y34PR3	3	66	2	2/0-4/0†		—	
263	650/24			300	Red	B11CH				U310-1 Y34PR3		71H	3	3/0-263†	2		
313	775/24			400	Blue	B11CH	2			Y320-1 Y34PRU3		76	2	4/0-313†		3	
373	925/24			500	Brown	B10CHI B10CH	4			U340-1 Y34PR3	—	87H		4/0-373†			2††
444	1100/24	—	—	600	Green	B36CH	6			C360 Y46PR4	2	94H	3	262-444		3 VC7FT only	2††
535	1325/24			750	Black	B39CH†	2			C390 Y46PR4		106H		373-535		4 VC7FT only	2
646	1600/24			—			—			—	—	—	—	—	—	—	—
777	1925/24			1000						C440 Y46PR4	2	125H	4	535-777		—	2
1111	2750/24			1500			2			C460 Y46PR4		—	—	—		—	—

** Adjustable Indent Tool. No insert dies required.

† HCT7508-12, HCT1239, HCT7508H only.

3 Y39 only.

4 Y48B only.

† Users of VC6 and VC7 tools must strip off an extra 1-5/8 in. of insulation from end of cable to permit removal of tool over conductor sizes 250 kcmil and larger on Cu connectors.

†† Also use VC8 tool with aluminum nibs.

††† VC8 tool crimps 500 kcmil only.