

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 Die Selection Chart

This chart does not apply to catalogue Series 61905-61975, 61102-61178, IBG2-10, IBG20-40, 63105-63180, 53000, 52000 and 15kV copper and aluminum connectors.

For installation die information, see pages illustrating these connector series.

On some sizes, for special flexible strandings, consult your Regional Sales Office.

All colour coded die Series require die adapter 15500TB for TBM15 tools only.



Connector Size		Die Colour Code	TBM45S	TBM4S	TBM840	TBM8-750/-1	OD58	JB12B
Copper	Al/Cu						Die Cat. No.	Die Cat. No.
8 AWG	10 AWG	Red	↕	↕	↕	↕	BY15C	b71Ch
6 AWG	8 AWG	Blue					BY17C	b73Ch
4 AWG	6 AWG	Grey					BY19C	b74ch
2 AWG	-	Brown					BY21C	B75CH
1 AWG	4 AWG	Green					BY53C	B05CH
1/0	2 AWG	Pink					BY23C	B06CH1
2/0	-	Black					BY28C	B72CH
3/0		Orange					BY25C	B08CH
4/0		Purple					BY31C	B09CH
250 kcmil		Yellow						B26CH
-	1 AWG	Gold		-				
	1/0	Tan					B09CH	
	2/0	Olive						
	3/0	Ruby					B10CH1	
300 kcmil	4/0	White					B11CH	
350 kcmil	250 kcmil	Red	-				B11CH	
400 kcmil	300 kcmil	Blue						
925/24	-	Black						
500 kcmil	350 kcmil	Brown		-			B12CH	
600 kcmil	400 kcmil	Green					B36CH	
-	-	Green					-	
700 kcmil	500 kcmil	Pink					B76CH	
750 kcmil	650 kcmil	Black					B39CH	
800 kcmil	-	Orange					-	
-	700 kcmil	Purple					-	
900 kcmil	750 kcmil	Yellow					6024 AH	
1000 kcmil	800 kcmil	-					-	
-	1000 kcmil	-					6030 H	

Installing Dies

Tool Die Selection Chart



Connector Size		Die Colour Code	TBM6PCR-LI/TBM6H		TBM14CR-LI/14M/13100A		*TBM15CR-LI		21940 (40-TON)		
Copper	Al/Cu		Die Cat. No.	Die Code No.	Die Cat. No.	Die Code No.	Die Cat. No.	Die Code No.	Die Cat. No.	Die Code No.	
8 AWG	10 AWG	Red	6TON21SS	21	B71CH	21	B71CH	21	-	21	
6 AWG	8 AWG	Blue	6TON24SS	24	B73CH	24	B73CH	24	-	24	
4 AWG	6 AWG	Grey	6TON29SS	29	B74CH	29	B74CH	29	11401	29	
2 AWG	-	Brown	6TON33SS	33	B75CH	33	B75CH	33	11402	33	
1 AWG	4 AWG	Green	6TON37SS	37	B05CH	37	B05CH	37	11333	37	
1/0	2 AWG	Pink	6TON42SS	42	B06CH	42	B06CH1	42	11334	42	
2/0	-	Black	6TON45SS	45	B72CH	45	B72CH	45	11405	45	
3/0		Orange	6TON50SS	50	B08CH	50	B08CH	50	11406	50	
4/0		Purple	6TON54SS	54	B09CH	54	B09CH	54H	11407	54H	
250 kcmil		Yellow	6TON62SS	62	B26CH	62	B26CH	62	11340	62	
-	1 AWG	Gold	6TON45SS	45	B72CH	45	B72CH	45	11405	45	
	1/0	Tan	6TON50SS	50	B08CH	50	B08CH	50	11406	50	
	2/0	Olive	6TON54SS	54		54	B09CH	54	11407	54	
	3/0	Ruby	6TON60SS	60	-	60	-	60	11408	60	
300 kcmil	4/0	White	6TON66SS	66H	B10CH1	66H	B10CH1	66H	11409	66	
350 kcmil	250 kcmil	Red	6TON71SS	71H	B11CH	71H	B11CH	71H	11363	71	
400 kcmil	300 kcmil	Blue	6TON76SS	76H		76H	B11CH	76H	11410	76	
925/24	-	Black	6TON80SS	80H	-	80H	-	80H	-	-	
-			-	-		-		80			
500 kcmil	350 kcmil	Brown	6TON87SS	87H	B12CH	87H	B12CH	87H	11423	87	
600 kcmil	400 kcmil	Green	6TON94SS	94H	-	-	B36CH	94H	11364	94	
-	-		-	-			-	B76CH	99H	11424	99
700 kcmil	500 kcmil	Pink	-	99H	B39CH	-	B39CH	106H	74506	106	
750 kcmil	650 kcmil	Black		106H			107H	107H	11425	107	
800 kcmil	-	Orange		107H			112H	112H	11426	112	
-	700 kcmil	Purple		112H			115H	115H	11308	115	
900 kcmil	750 kcmil	Yellow		115H			-	-	125H	11416	125
1000 kcmil	800 kcmil	-		-			-	-	140H	11418	140
-	1000 kcmil	-	-	-	-	150H	11419	150			

*Colour-coded dies require 15500TB adapter when used with TBM15CR-LI tool.

Installing Dies

Tool and Die Index for Copper Compression Connectors Short Barrel — Types CTL, CTL-2 and CSP

Stranded Copper Wire Size	Die Colour Code	Blackburn Tools						Burdny Tools				Anderson Tools					T&B Tools									
		Mech. OD58	Crimps per End	Mech. HM-250 TOOL	Crimps per End	Hyd. JB12B	Crimps per End	Mech. MY29-3	Crimps per End	Hyd. Y35, Y39, Y46	Crimps per End	Mech. TBM5S	Crimps per End	Mech. TBM6S	Crimps per End	Hyd. TBM15	Crimps per End	Cu Wire Range	Crimps per End							
																			VC6†	VC7†	VC8C††					
8	Red	7/32				B71CH									21											
6	Blue	J 1/4	3		1	B73CH	1		1	U5CRT		13454	2	13461	2	24	2	-	-	-						
4	Grey	5/16				B74CH				U4CRT					29											
3	White	-	-			-	-			U3CRT		-	-	-	-	-	-									
2	Brown	3/8				B75CH	1	**		U2CRT		13454	2	13461	2	33	2	6-2	1*							
1	Green	P				B05CH				U1CRT					37	2	6-1									
1/0	Pink	1/2				B06CHI	2		2	U25RT			3	13462	3	42H	3	6-1/0	1							
2/0	Black	17/32	4		2	B72CH				U26RT					45	2	4-2/0									
3/0	Orange	9/16				B08CH	1			U27RT					50	2	2-3/0									
4/0	Purple	5/8-1				B09CH				U28RT					54H	3	1-4/0									
250	Yellow	11/16				B26CH				U29RT		13456	4	13463		62	2	1/0-250†								
300	White					B10CHI B10CH	2			U30RT				13465	4	66	2	2/0-300†	2							
350	Red					B11CH				U31RT				13465		71H	3	3/0-350†								
400	Blue					B11CH				U32RT				13467		76	2	4/0-400†								
500	Brown					B12CHI B12CH				U34RT				13468	5	87H		4/0-500†								
600	Green					B36CH1	3			U36RT3	3					94H	3	250-600					3 VC7FT only			
750	Black					B36CH1	3 1			U39RT3						106H		500-750					4 VC7FT only	2		
1000	-					-	1			P44RT4	4					125H	4	750-1000					-			

* CSA Listed range 4-2 with YC6 and VC6FT.

** 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 CSP connectors.

†† Also use VC8 tool with aluminum nibs.

Installing Dies

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

Stranded Copper Wire Size	Die Colour Code	Blackburn Tools						Burdny Tools				Anderson Tools						T&B Tools																	
		Mech. OD58	Crimps per End	Mech. HM-250 TOOL	Crimps per End	Hyd. JB12B	Crimps per End	Mech. MY29-3	Crimps per End	Hyd. Y35, Y39, Y46	Crimps per End	Mech. TBM5S	Crimps per End	Mech. TBM8S	Crimps per End	Hyd. TBM15	Crimps per End	Cu Wire Range	Crimps per End																
																			VC6†	VC7†	VC8††														
8	Red	7/32				B71CH									21																				
6	Blue	J 1/4	4		2	B73CH	2				13454	2	13461	2	24	3																			
4	Grey	5/16				B74CH									29																				
3	White	-	-			-	-								-	-																			
2	Brown	3/8				B75CH					13454	2	13461	3	33	3																			
1	Green	P		**	3	B05CH		**							37																				
1/0	Pink	1/2	5			B06CHI	2								42H	4																			
2/0	Black	17/32				B72CH					13455	4	13462		45	3																			
3/0	Orange	9/16				B08CH									50																				
4/0	Purple	5/8-1				B09CH									54H	5																			
250	Yellow	11/16	6			B26CH					13456	6	13463		62	3																			
300	White					B10CHI	3								66	3																			
350	Red					B10CH									71H	4																			
400	Blue					B11CH									76	3																			
500	Brown					B12CHI B12CH	4								87H																				2††
600	Green					B36CH†	6								94H																				
750	Black					B36CH†	6 2								106H	6																			
1000	-					-	2								125H	5																			

** 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 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			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		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.

Installing Dies

Tool and Die Index for Copper Compression Connectors One and two hole Lugs, Splices — Types ATL and ASP

Stranded Al Wire Size	Stranded Cu Wire Size	Die Colour Code	Blackburn Tools				Burdndy Tools				T&B Tools				Anderson Tools									
			Mech. OD58	Crimps per End	Mech. HM-250 TOOL	Crimps per End	Hyd. JB12B	Crimps per End	Mech. MY29-3	Crimps per End	Hyd. Y35, Y39	Crimps per End	Mech. TBM5S	Crimps per End	Mech. TBM8S	Crimps per End	Hyd. TBM15	Crimps per End	Stranded Al or Cu Wire Range	VC6† VC6FT	VC8C			
8	6	Blue	1/4	2																				
6	4	Grey	5/16	2			1																	
4	1	Green	P	3																				
3	1/0	Pink	1/2	4																				
2		Gold	1/2-1	3																				
1		Tan	9/16	4	**		2		**															
1/0		Olive	5/8-1	4																				
2/0		Ruby	688	5																				
3/0		White	781	5																				
4/0	300	Red	781	5																				
250	350	Blue	840	5																				
300	400	Brown		5																				
350	500	Green		5																				
400	600	Pink		5																				
500	700	Black		5																				
600				5																				
750				5																				
1000				5																				

** Adjustable Indent Tool. No insert dies required.

1 HCT7508-12, HCT1239, HCT7508H only.

2 Y46 only.

3 Y39 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 ASP connectors.

†† VC6FT tool only.

††† With Al nibs for VC8C.

Installing Dies

Gauging Information for Standard Hex Dies

Die Code	TBM6H	Blackburn and T&B 12, 14- & 15-Ton Tools Colour Coded Dies	21940 Dies	Hex Gauging
Red	6 ton 21	B71CH	-	0.191-0.207
Blue	6 ton 24	B73CH		0.222-0.234
27	-	-	11330	0.262-0.294
Grey	6 ton 29	B74CH	11404	
32	-	-	11332	0.329-0.335
Brown	6 ton 33	B75CH	11402	0.326-0.337
35	-	-	*11403	0.353-0.359
Green	6 ton 37	B05CH	11333	0.369-0.383
40	-	-	*11404	0.397-0.403
42	-	15505F	11334	0.409-0.423
Pink	6 ton 42	B06CHI	-	
Black	6 ton 45	B08CH	11405	0.445-0.459
Orange	6 ton 50	B09CH	11406	0.494-0.506
Olive	-		11407	
Purple	6 ton 54	-	-	0.535-0.553
57	-	-	11338	
58	-	-	11338	0.585-0.591
60	6 ton 60	-	11408	0.613-0.631
Yellow	6 ton 62	B06CH	11340	0.657-0.675
White	6 ton 66	B10CHI	11409	
66H	-	-	-	0.707-0.725
Red	-	-	11363	
Red	6 ton 71	B11CH	-	0.751-0.769
Blue	6 ton 76		11410	
76H	-	-	-	0.790-0.802
78	-	-	11306	
80	6 ton 80	-	11411 15517	
83	-	-	*11370	0.825-0.831

* Obsolete, consult your Regional Sales Office for availability.
Gauges may be ordered from T&B Tool Service.

Die Code	TBM6H	Blackburn and T&B 14- & 15-Ton Tools Dies	21940 Dies	Hex Gauging
87	-	-	11423	0.861-0.879
Brown	6 ton 87	B12CH	-	
94	-	-	11364	0.935-0.953
94H	-	-	-	
96	-	-	11304	0.959-0.977
96H	-	-	-	
99	-	-	11424	0.979-0.997
99H	-	-	-	
100	-	-	11365	1.005-1.011
106A	-	-	-	1.049-1.071
Black	-	B39CH	-	
107	-	-	11425	1.064-1.076
107H	-	-	-	
112	-	-	11426	1.118-1.131
112H	-	-	-	
115	-	-	11308	1.141-0.163
115H	-	-	-	
125	-	-	11416	1.239-1.261
125H	-	-	-	
126	-	-	11443	1.247-1.253
130	-	-	11417	1.299-1.305
138	-	-	11366	1.377-1.383
140	-	-	11418	1.369-1.391
140H	-	-	-	
150	-	-	11419	1.459-1.481
150H	-	-	-	
160	-	-	11442	1.609-1.615
161	-	-	11420	
168	-	-	11447	1.684-1.690
175	-	-	11421	1.752-1.744
204	-	-	11448	2.037-2.043
212	-	-	11449	2.120-2.126
214	-	-	11337	2.140-2.146

Gauges may be ordered from T&B Tool Service.

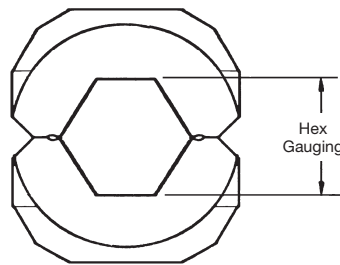


Fig. 2

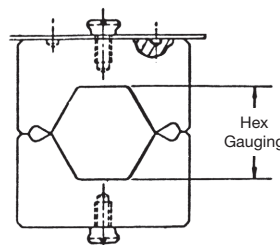


Fig. 1