INFORMATION SHEET (SERIES CS, CL)

Compression Connectors for Class B/C Copper Wire Only (CU9)

WARNING! Do Not Use with Aluminum Wire

LISTED 453G

LR-29601

	ILSCO TOOLS																		COMPETITORS' TOOLS												
				Manual Hand Tools					Hydraulic Tools										Greenlee Tools								UTILCO Tools				
Lug Size	Color Code	ILSCO Die Index	Burndy Die Part # [See note (q) below]	94285	MT-25	ILC-10-N			IDT-6, IDT-6H 6.2 Ton Dieless, IDTB-6, IDTB-6-LIO 6.2 Ton Dieless Battery	IVTB-6 6 Ton Dieless Battery	ILC-12 Series, ILCB-12 Series, ILC-14 Series, TM-12U1000, TR-12U1000, TB-12U1000 Series 12 Ton	TB-6W Series 6 Ton		IDT-12, IDT-12H, IDTB-12 11 Ton Dieless, IDT-12-N 15 Ton Dieless	TM-6DF1000, TR-6DF1000, TB-6DF1000 Series 6 Ton Dieless	ILC-15H 15 Ton, ILC-30H 30 Ton	ILC-750	ILSCO, UTILCO 12 Ton die-taking tools with Large Dino dies (ILD-LSP, ILD-BSP) [See note (r) below]	ILSCO, UTILCO 12 Ton die-taking tools with Small Dino dies (ILD-SSP, ILD-BSP) [See note (r) below]	K111		HK1240, RK1240, EK1240 Series		RK1550, EK1550 Seires	HK06FT, RK06FT, EK06FT Series Dieless	1990 Dieless	HK12ID, EK12ID Series Dieless	UM-4PT, UR-4PT, BLL-4PT Series 6 Ton Dieless	UM-U42, UR-U42, BLL-U42 Series 12 Ton		BLL-W Series 6 Ton		Lug Size
				LT / RT Dies	# Crimps	# Crimps	Index #	# Crimps	# Crimps	# Crimps	# Crimps	Die Part #	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	Index #	# Crimps	Index #	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	Index #	# Crimps	Die Part #	# Crimps	
8 ** †	Red	21	U8CRT	M / K	2	1	Red	1		1	1	ILD-W21	1		1	1	1		1	Red	1	21	1	1			1	1	21	1	ILD-W21	1	8 ** †
6 ** †	Blue (p)	24 (p)	U8CRT	M / K	2	1	Blue	2	1	1	1	ILD-W24	1		1	1	1		1	Blue	2	24 (p)	1	1	1		1	1	24 (p)	1	ILD-W24	1	6 ** †
4 ** †	Gray	29	U4CRT	K / K	2	1	Gray	2	1	1	1	ILD-W29	1	1	1	1	1		1	Gray	2	29	1	1	1	1	1	1	29	1	ILD-W29	1	4 ** †
3 ** $	White	29	U3CRT	K / K	2	1	Gray	2	1	1	1	ILD-W29	1	1	1	1	1		1	Gray	2	29	1	1	1	1	1	1	29	1	ILD-W29	1	3 ** $
2 ** †	Brown	33	U2CRT	H / H	2	2	Brown	2	1	1	1	ILD-W33	1	1	1	1	1		1	Brown	2	33	1	1	1	1	1	1	33	1	ILD-W33	1	2 ** †
1 **	Green	37	U1CRT-1	H / H	2	2	Green	2	1	1	1	ILD-W37	1	1	1	1	1		1	Green	2	37	1	1	1	1	1	1	37	1	ILD-W37	1	1 **
1/0 **	Pink	42	U25RT	E / A	2	2	Pink	4	1	1	1	ILD-W42	1	1	1	1	1		1	Pink	4	42	1	1	1	1	1	1	42	1	ILD-W42	1	1/0 **
2/0 **	Black	45	U26RT	E / A	3	2			1	1	1	ILD-W45	1	1	1	1	1		1			45	1	1	1	1	1	1	45	1	ILD-W45	1	2/0 **
3/0 **	Orange	50	U27RT	A / C	3	2			2	1	1	ILD-W50	1	1	1	1	1		1			50	1	1	2	1	1	1	50	1	ILD-W50	1	3/0 **
4/0 **	Purple	54	U28RT	A / B	3	2			2	1	1	ILD-W54	1	1	1	1	1		1			54	1	1	2	1	1	1	54	1	ILD-W54	1	4/0 **
250 **	Yellow	62	U29RT	A / A	3	2			2	1	1	ILD-W62	2	1	2	1	1	1	1			62	1	1	2	1	1	2	62	1	ILD-W62	2	250 **
300 **	White	66	U30RT						2	1	2	ILD-W66	2	1	2	2	2	1	1			66	2	2	2	1	1	2	66	2	ILD-W66	2	300 **
350 **	Red	71	U31RT						2	2	2	ILD-W71	2	1	2	2	2	1	1			71	2	2	2	1	1	2	71	2	ILD-W71	2	350 **
400 **	Blue	76	U32RT						2	2	2	ILD-W76	2	1	2	2	2	1	1			76	2	2	2	1	1	2	76	2	ILD-W76	2	400 **
500 **	Brown	87	U34RT						2	2	2	ILD-W87	2	1	2	2	2	1	1			87	2	2	2	1	1	2	87	2	ILD-W87	2	500 **
600	Green	94	U36RT						2	2	2			1	2	2	2	1	1			94	2	2	2	1	1	2	94	2			600
650	Pink	99	U38RT						2	2	2			1	2	2	2	1	1			99	2	2	2	1	1	2	99	2			650
700	Pink	99	U38RT						3	2	2			1	3	2	2	1	1			99	2	2	3	1	1	3	99	2			700
750	Black	106	U39RT						3	2	2			1	3	2	2	1	1			106	2	2	3	1	1	3	106	2			750
1000	White	125									2			1	3	2		1				125	2	2		1	1	3	125	2			1000

	COMPETITORS' TOOLS																														
	Harger Tools			Anderson	Burndy Tools							T&B Tools											Panduit Tools				Ridgid Tools			
Lug Size	MCT	MCT81/0		VC6-FT, VC6-FTR, VC6-FT-BP, VC7-FT, VC7-FTR Dieless	Y1MR, Y1MRTC		PAT4PC834, PAT81KFT, Y4PC834, Y81KFT, Y81KFTMBH Dieless	Y644M, PAT644 Dieless	Y35, Y35BH, Y39, Y750, Y750BH, PAT750		Y46, Y46C (Requires Die Adapter)		13100A, TBM14M, TBM14BSCR		***CAUTION: See Note (f) below*** TBM8-750, TBM8-750M-1, TBM8-750BSCR Dieless	***CAUTION : See Note (f) below*** BAT22-6	TBM21E, TBM41E,	TBM25S, TBM45S	TBM5S, TBM6S	**CAUTION: See Note (f) below** WT115A			**CAUTION: See Note (f) below** CT-1700		**CAUTION: See Note (f) below** CT-2001		RE 6 Dieless	RE 12-M		Lug Size
	# Crimps	Index #	# Crimps	# Crimps	Index #	# Crimps	# Crimps	# Crimps	Die Part #	# Crimps	Die Part #	# Crimps	Die Part #	# Crimps	# Crimps	# Crimps	Index #	# Crimps	Index #	# Crimps	Index #	# Crimps	Index #	# Crimps	Index #	# Crimps	# Crimps	Index #	# Crimps	
8 ** †	1	Red	1	1	Red	1	1		U8CRT	1	U8CRT	1	15520	1	1	2	Red	1	Red	1	D8	1	Red	1	Red P21	1	1	21	1	8 ** †
6 ** †	1	Blue	2	1	Blue	2	1		U8CRT	1	U8CRT	1	15522	1	1	2	Blue	1 (k)	Blue	1	E6	1	Blue	1	Blue P24	1	1	24 (p)	1	6 ** †
4 ** †	1	Gray	2	1	Gray	2	1	1	U4CRT	1	U4CRT	1	15527-CK	1	1		Gray	1 (g) (k)	Gray	1	E6	1	Blue	1	Gray P29	1	1	29	1	4 ** †
3 ** $	1	Gray	2	1	White	2	1	1	U3CRT	1	U3CRT	1	15527-CK	1			Gray	1	Gray	1	F4	1	Gray	1	Gray P29	1	1	29	1	3 ** $
2 ** †	2	Brown	2	1	Brown	2	1	1	U2CRT	1	U2CRT	1	15528	1	1		Brown	1 (k)	Brown	1	G2	1	Brown	1	Brown P33	1	1	33	1	2 ** †
1 **	2	Green	2	1			1	1	U1CRT-1	1	U1CRT-1	1	15513-CK	1	1				Green	1			Green	1	Green P37	1	1	37	1	1 **
1/0 **	2	Pink	4	1			1	1	U25RT	1	U25RT	1	15508	1	1				Pink	1					Pink P42	1	1	42	1	1/0 **
2/0 **	2			1			1	1	U26RT	1	U26RT	1	15526	1	1				Black	1					Black P45	1	1	45	1	2/0 **
3/0 **	2			1			1	1	U27RT	1	U27RT	1	15530	1	1				Orange	1					Orange P50	1	1	50	1	3/0 **
4/0 **	2			1			1	1	U28RT	1	U28RT	1	15511	1	1				Purple	1					Purple P54	1	1	54	1	4/0 **
250 **	2			2			2	1	U29RT	1	U29RT	1	15510-CK	1	1				Yellow	1					Yellow P62	1	1	62	1	250 **
300 **				2			2	1	U30RT	2	U30RT	2	15534	2	1										White P66	1	1	66	2	300 **
350 **				3 *			2	1	U31RT	2	U31RT	2	15514-CK	2	1										Red P71	1	2	71	2	350 **
400 **				3 *			2	1	U32RT	2	U32RT	2	15512	2	1												2	76	2	400 **
500 **				3 *			2	1	U34RT	2	U34RT	2	15506	2	1												2	87	2	500 **
600				4 *			2	1	U36RT	2	U36RT	2	15536-CK	2	1												2	94	2	600
650				4 *			2	1	U38RT	2	U38RT	2	15505	2	1												2	99	2	650
700				4 *			3	1	U38RT	2	U38RT	2	15505	2	1												2	99	2	700
750				4 *			3	1	U39RT	2	U39RT	2	15515-CK	2	1												2	106	2	750
1000							3	1			P44RT	3	15504	2														125	2	1000

* Dieless - Crimps will overlap

** See note f below

† See note h below

$ See note n below

RANGE TAKING

Lug Size	Standard Wire Size	Expanded Wire Size	No. Crimps for ILSCO IDT-12, IDT-12-N and Burndy Y644M, PAT644	No. Crimps for ILSCO IDTB-6, IDTB-6-LIO, IDT-6 and IDT-6H	No. Crimps for ILSCO IVTB-6 and Ridgid RE 6	No. Crimps for ILSCO TM-6DF1000, TR-6DF1000, TB-6DF1000 Series	No. Crimps for UTILCO UM-4PT, UR-4PT, BLL-4PT Series	No. Crimps for Greenlee HK06FT, RK06FT, EK06FT Series	No. Crimps for Greenlee HK12ID, EK12ID Series	No. Crimps for ILSCO, UTILCO 12 Ton die-taking tools (r) with Large Dino Dies (ILD-LSP, ILD-BSP)	No. Crimps for ILSCO, UTILCO 12 Ton die-taking tools (r) with Small Dino Dies (ILD-SSP, ILD-BSP)
4	4 AWG	4 - 6 AWG		1	1	1	1	1	1		1
3	3 AWG	3 - 6 AWG	1	1	1	1	1	1	1		1
2	2 AWG	2 - 6 AWG	1	1	1	1	1	1	1		1
1	1 AWG	1 - 6 AWG	1	1	1	1	1	1	1		1
1/0	1/0 AWG	1/0 - 6 AWG	1	1	1	1	1	1	1		1
2/0	2/0 AWG	2/0 - 4 AWG	1	1	1	1	1	1	1		1
3/0	3/0 AWG	3/0 - 2 AWG	1	2	1	1	1	2	1		1
4/0	4/0 AWG	4/0 - 1 AWG	1	2	1	1	1	2	1		1
250	250 kcmil	250 kcmil - 1/0 AWG	1	2	1	2	2	2	1		1
300	300 kcmil	300 kcmil - 2/0 AWG	1	2	1	2	2	2	1		1
350	350 kcmil	350 kcmil - 3/0 AWG	1	2	2	2	2	2	1	1	1
400	400 kcmil	400 kcmil - 4/0 AWG	1	2	2	2	2	2	1	1	1
500	500 kcmil	500 kcmil - 250 kcmil	1	2	2	2	2	2	1	1	1
600	600 kcmil	600 kcmil - 250 kcmil	1	2	2	3	3	2	1	1	1
700	700 kcmil	700 kcmil - 350 kcmil	1	3	2	3	3	3	1	1	1
750	750 kcmil	750 kcmil - 500 kcmil	1	3	2	3	3	3	1	1	1
1000	1000 kcmil	1000 kcmil - 750 kcmil	1			3	3		1	1	

UL Listed and CSA Certified when installed with tools and dies shown above

a) Connectors are marked with color, die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly spaced on connector.

b) The ILSCO 94285, MT-25 and all dieless tools are not color coded or do not contain the die index.

c) Consult manufacturers data for catalog numbers of dies for each tool.

d) Strip Length = Barrel Length + 1/16 Inch

e) For long barrel connectors double the amount of crimps indicated on chart except for 1000 kcmil add only one additional crimp.

f) UL Complimentary Listed under category KDER and CSA Certified for Grounding & Bonding Applications, suitable for direct burial.
EXCEPTION: Use of T&B TBM8-750 Series, BAT22-6, WT115A or Panduit CT-1700, CT-2001 tools voids the Grounding & Bonding Certifications.

g) For #4 Compact Copper wire, 2 crimps are required for standard barrel connectors. (See note (e) above for long barrel connectors.)

h) Rated for stranded or solid wire, Sol/Str.

k) For solid wire only use table below:

Lug Size	Index #	# Crimps
6	Blue	2
4	Blue	2
2	Brown	2

n) In addition to #3 stranded wire, CS, CL series #3 lug is also UL listed and CSA certified for use with #2 solid copper wire.
EXCEPTION: It does NOT apply to use of ILSCO 94285, IDT-12 series, ILC-15H, ILC-30H, ILC-750, TM-6DF1000, TR-6DF1000, TB-6DF1000 series, TB-6W series; Anderson VC6, VC7 series; Burndy PAT81K, Y81K series; T&B TBM8-750 series, BAT22-6, TBM5S, TBM6S, WT115A; Panduit CT-1700, CT-2001; Greenlee 1990, HK12ID, EK12ID; UTILCO UM-4PT, UR-4PT, BLL-4PT series, BLL-W series; Large Dino dies, Small Dino dies.

p) CS, CL series #6 lug is also UL listed and CSA certified when crimped with red die (die index 21) using ILSCO ILC-12 series, ILC-15H, ILC-30H, ILC-750 or Ridgid RE 12-M crimp tools.

q) Burndy dies are UL listed and CSA certified to be use with ILSCO 12 Ton hydraulic die-taking tools and UTILCO 12 Ton hydraulic die-taking tools. Refer to note (r) below for applicable crimp tools.

r) Applicable crimp tools include ILSCO ILC-12 series, ILCB-12 series, ILC-14 series, TM-12U1000, TR-12U1000, TB-12U1000 series; UTILCO UM-U42, UR-U42, BLL-U42 series.

FORM 157
Revised 10/13/2021

INFORMATION SHEET (SERIES CS, CL)

Compression Connectors for Fine Strand Copper Wire Only (CU9)

WARNING! Do Not Use with Aluminum Wire

LISTED 453G

LR-23601

		ILSCO TOOLS																	COMPETITORS' TOOLS															
					Manual Hand Tools				Hydraulic Tools										Greenlee Tools								UTILCO Tools							
Lug Size	Fine Strand Wire Size	Color Code	ILSCO Die Index	Burndy Die Part # [See note (h) below]	94285		ILC-10-N		IDT-6, IDT-6H 6.2 Ton Dieless, IDTB-6, IDTB-6-LIO 6.2 Ton Dieless Battery	IVTB-6 6 Ton Dieless Battery	ILC-12 Series, ILCB-12 Series, ILC-14 Series, TM-12U1000, TR-12U1000, TB-12U1000 Series 12 Ton	TB-6W Series 6 Ton		IDT-12, IDT-12H, IDTB-12 11 Ton Dieless, IDT-12-N 15 Ton Dieless	TM-6DF1000, TR-6DF1000, TB-6DF1000 Series 6 Ton Dieless	ILC-15H 15 Ton, ILC-30H 30 Ton	ILC-750	ILSCO, UTILCO 12 Ton die-taking tools with Large Dino dies (ILD-LSP, ILD-BSP) [See note (q) below]	ILSCO, UTILCO 12 Ton die-taking tools with Small Dino dies (ILD-SSP, ILD-BSP) [See note (q) below]	K111		HK1240, RK1240, EK1240 Series		RK1550, EK1550 Series	HK06FT, RK06FT, EK06FT Series Dieless	1990 Dieless	HK12ID, EK12ID Series Dieless	UM-4PT, UR-4PT, BLL-4PT Series 6 Ton Dieless	UM-U42, UR-U42, BLL-U42 Series 12 Ton	BLL-W Series 6 Ton		Fine Strand Wire Size	Lug Size
					LT / RT Dies	# Crimps	Index #	# Crimps	# Crimps	# Crimps	# Crimps	Die Part #	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	Index #	# Crimps	Index #	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	# Crimps	Index #	# Crimps	Die Part #	# Crimps		
8 **	8	Red	21	U8CRT			Red	1		1	1	ILD-W21	1		1	1	1		Red	1	21	1	1				1	21	1	ILD-W21	1	8	8 **
6 **	6	Blue	24	U5CRT	M / K	2	Blue	2	1	1	1	ILD-W24	1		1	1	1		Blue	1	24	1	1	1		1	1	24	1	ILD-W24	1	6	6 **
3 **	4	White	29	U4CRT	K / K	2	Gray	2	1	1	1	ILD-W29	1	1	1	1	1		Gray	2	29	1	1	1	1	1	1	29	1	ILD-W29	1	4	3 **
1 **	2	Green	37	U2CRT	H / H	2	Green	2	1	1	1	ILD-W37	2 (k)	1	1	1	1		Green	2	37	1	1	1	1	1	1	37	1	ILD-W37	2 (k)	2	1 **
1/0 **	1	Pink	42	U1CRT-1	H / H	2	Pink	4	1	1	1	ILD-W42	2	1	1	1	1		Pink	4	42	1	1	1	1	1	1	42	1	ILD-W42	2	1	1/0 **
2/0 **	1/0	Black	45	U25RT	E / A	3			1	1	1	ILD-W45	2	1	1	1	1				45	1	1	1	1	1	1	45	1	ILD-W45	2	1/0	2/0 **
3/0 **	2/0	Orange	50	U26RT	E / A	3			1	1	1	ILD-W50	2	1	2	1	1				50	1	1	1	1	1	2	50	1	ILD-W50	2	2/0	3/0 **
4/0 **	3/0	Purple	54	U27RT	A / B	3			1	1	1	ILD-W54	2 (m)	1	2	1	1				54	1	1	1	1	1	2	54	1	ILD-W54	2 (m)	3/0	4/0 **
250 **	4/0	Yellow	62	U28RT	A / B	3			1	1	1	ILD-W62	2	1	2	1	1	1			62	1	1	1	1	1	2	62	1	ILD-W62	2	4/0	250 **
300 **	250	White	66	U29RT					1	1	2	ILD-W66	2	1	2	2	2	1			66	2	2	1	1	1	2	66	2	ILD-W66	2	250	300 **
350 **	250, 262	Red	71	U30RT					1	2	2	ILD-W71	2	1	2	2	2	1			71	2	2	1	1	1	2	71	2	ILD-W71	2	250, 262	350 **
400 **	300, 313	Blue	76	U31RT					2	2	2	ILD-W76	2	1	2	2	2	1			76	2	2	2	1	1	2	76	2	ILD-W76	2	300, 313	400 **
500 **	350, 373	Brown	87	U32RT					2	2	2	ILD-W87	2	1	2	2	2	1			87	2	2	2	1	1	2	87	2	ILD-W87	2	350, 373	500 **
600	400, 444	Green	94	U34RT					2	2	2			1	2	2	2	1			94	2	2	2	1	1	2	94	2			400, 444	600
650	500, 535	Pink	99	U38XRT					2	2	2			1	2	2	2	1			99	2	2	2	1	1	2	99	2			500, 535	650
700	500, 535	Pink	99	U38XRT					3	2	2			1	3	2	2	1	1		99	2	2	3	1	1	3	99	2			500, 535	700
750	600, 646	Black	106	U39RT					3	2	2			1	3	2	2	1	1 (p)		106	2	2	3	1	1	3	106	2			600, 646	750
1000	750, 777	White	125								3			1	3	3		1			125	3	3		1	1	3	125	3			750, 777	1000

		COMPETITORS' TOOLS																															
		Harger Tools		Anderson	Burndy Tools								T&B Tools										Panduit Tools				Ridgid Tools				
Lug Size	Fine Strand Wire Size	MCT	MCT81/0	VC6-FT, VC6-FTR, VC6-FT-BP, VC7-FT, VC7-FTR Dieless	Y1MR, Y1MRTC	PAT4PC834, PAT81KFT, Y4PC834, Y81KFT, Y81KFTMBH Dieless	Y644M, PAT644 Dieless	Y35, Y35BH, Y39, Y750, Y750BH, PAT750	Y46, Y46C (Requires Die Adapter)	13100A, TBM14M, TBM14BSCR	***CAUTION: See Note (f) below*** TBM8-750, TBM8-750M-1, TBM8-750BSCR Dieless	***CAUTION: See Note (f) below*** BAT22-6	TBM21E, TBM41E, TBM25S, TBM45S	TBM5S, TBM6S	**CAUTION: See Note (f) below** WT115A	**CAUTION: See Note (f) below** CT-1700	**CAUTION: See Note (f) below** CT-2001	RE 6 Dieless	RE 12-M	Fine Strand Wire Size	Lug Size
		# Crimps	Index #	# Crimps	# Crimps	Index #	# Crimps	# Crimps	# Crimps	Die Part #	# Crimps	Die Part #	# Crimps	Die Part #	# Crimps	# Crimps	Index #	# Crimps	Index #	# Crimps	Index #	# Crimps	Index #	# Crimps	Index #	# Crimps	# Crimps	Index #	# Crimps		
8 **	8	1	Red	1	1	Red	1	1		U8CRT	1	U8CRT	1	15520	1	1	2 (g)	Red	1	Red	1	D8	1	Red	1	Red P21	1	1	21	1	8	8 **
6 **	6	1	Blue	2	1	Blue	1	1		U5CRT	1	U5CRT	1	15522	1	1		Blue	1	Blue	1	E6	1	Blue	1	Blue P24	1	1	24	1	6	6 **
3 **	4	1	Gray	2	1	Gray	2	1	1	U4CRT	1	U4CRT	1	15528	1	1		Gray	1	Gray	1	F4	1	Blue	1	Gray P29	1	1	29	1	4	3 **
2 **	4	2																Gray	1	Gray	1										4	2 **
1 **	2	2	Green	2	1	Brown	2	1	1	U2CRT	1	U2CRT	1	15513-CK	1	1				Brown	1			Brown	1	Green P37	1	1	37	1	2	1 **
1/0 **	1	2	Pink	4	1			1	1	U1CRT-1	1	U1CRT-1	1	15508	1	1				Green	1					Pink P42	1	1	42	1	1	1/0 **
2/0 **	1/0	2			1			1	1	U25RT	1	U25RT	1	15526	1	1				Pink	1					Black P45	1	1	45	1	1/0	2/0 **
3/0 **	2/0	2			2			2	1	U26RT	1	U26RT	1	15530	1	1				Black	1					Orange P50	1	1	50	1	2/0	3/0 **
4/0 **	3/0	2			2			2	1	U27RT	1	U27RT	1	15511	1	1				Orange	1					Purple P54	1	1	54	1	3/0	4/0 **
250 **	4/0	2			2			2	1	U28RT	1	U28RT	1	15510-CK	2	1				Purple	1					Yellow P62	1	1	62	1	4/0	250 **
300 **	250				2			2	1	U29RT	2	U29RT	2	15534	2	1												1	66	2	250	300 **
350 **	250				3 *			2	1	U30RT	2	U30RT	2	"	2	1										Red P71	1	2	71	2	250	350 **
350 **	262				3 *			2	1	"	2	"	2	"	2	1										Red P71	1	2	71	2	262	350 **
400 **	300				3 *			2	1	U31RT	2	U31RT	2	15514-CK	2	1												2	76	2	300	400 **
400 **	313				3 *			2	1	"	2	"	2	"	2	1												2	76	2	313	400 **
500 **	350				3 *			2	1	U32RT	2	U32RT	2	15512	2	1												2	87	2	350	500 **
500 **	373				3 *			2	1	"	2	"	2	15517	2	1												2	87	2	373	500 **
600	400				4 *			2	1	U34RT	2	U34RT	2	15536-CK	2	1												2	94	2	400	600
600	444				4 *			2	1	"	2	"	2	"	2	1												2	94	2	444	600
650	500				4 *			2	1	U38XRT	2	U38XRT	2	15505	2	1												2	99	2	500	650
650	535				4 *			2	1	"	2	"	2	"	2	1												2	99	2	535	650
700	500				4 *			3	1	U38XRT	2	U38XRT	2	15505	2	1												2	99	2	500	700
700	535				4 *			3	1	"	2	"	2	"	2	1												2	99	2	535	700
750	600				4 *			3	1	U39RT	2	U39RT	2	15515-CK (n)	2	1												2	106	2	600	750
750	646				4 *			3	1	"	2	"	2	"	2	1												2	106	2	646	750
1000	750							3	1			U44XRT	3	15504	3														125	3	750	1000
1000	777							3	1			"	3	"	3														125	3	777	1000

* Dieless - Crimps will overlap

** See note f below

APPROVED WIRE CLASSES

	B		C		G		H		I		K		M		DLO	
							MOTOR LEAD				WELDING		WELDING		LOCOMOTIVE	
Lug Size	AWG	STR	AWG	STR	AWG	STR	AWG	STR	AWG	STR	AWG	STR	AWG	STR	AWG	STR
8	8	7	8	19	8	49	8	133	8	41	8	168	8	420	8	37
6	6	7	6	19	6	49	6	133	6	63	6	266			6	61
4	4	7	4	19												
3	3	7	3	19	4	49	4	133	4	105	4	420	4	1064	4	105
2	2	7	2	19	4	49	4	133	4	105	4	420	4	1064	4	105
1	1	19	1	37	2	49	2	133	2	161	2	665	2	1666	2	150
1/0	1/0	19	1/0	37	1	133	1	259	1	210	1	836	1	2107	1	225
2/0	2/0	19	2/0	37	1/0	133	1/0	259	1/0	266	1/0	1064	1/0	2646	1/0	275
3/0	3/0	19	3/0	37	2/0	133	2/0	259	2/0	342	2/0	1323	2/0	3325	2/0	325
4/0	4/0	19	4/0	37	3/0	133	3/0	259	3/0	418	3/0	1666	3/0	4256	3/0	450
250	250	37	250	61	4/0	133	4/0	259	4/0	532	4/0	2107	4/0	5320	4/0	532
300	300	37	300	61	250	259	250	427								
350	350	37	350	61	250	259	250	427	250	637	250	2499	250	6384	262.6	650
400	400	37	400	61	300	259	300	427	300	735	300	2989	300	7581	313.3	775
500	500	37	500	61	350	259	350	427	350	882	350	3458	350	8806	373.7	925
600	600	61	600	91	400	259	400	427	400	980	400	3990	400	10101	444	1150
650	600	61	600	91	500	259	500	427	500	1225	500	5054	500	12691	535.3	1325
700	700	61	700	91	500	259	500	427	500	1225	500	5054	500	12691	535.3	1325
750	750	61	750	91	600	427	600	703	600	1470			600	14945	646	1591
1000	1000	61	1000	91	750	427	750	703	750	1862					777	1924

UL Listed and CSA Certified when installed with tools and dies shown above

a) Connectors are marked with color, die numbers and required number of crimps for ILSCO hydraulic tools. When using other listed tools, consult chart for crimps required. Crimps should be evenly spaced on connector.
b) The ILSCO 94285, MT-25 and all dieless tools are not color coded or do not contain the die index.
c) Consult manufacturers data for catalog numbers of dies for each tool.
d) Strip Length = Barrel Length + 1/16 Inch
e) For long barrel connectors double the amount of crimps indicated on chart except for 1000 kcmil add only one additional crimp.
f) UL Complimentary Listed under category KDER and CSA Certified for Grounding & Bonding Applications
EXCEPTION: Use of T&B TBM8-750 Series, BAT22-6, WT115A or Panduit CT-1700, CT-2001 tools voids the Grounding and Bonding Certifications.
g) For #8 AWG Class H wire only, may use 1 or 2 crimps
h) Burndy dies are UL listed and CSA certified to be use with ILSCO 12 Ton hydraulic die-taking tools and UTILCO 12 Ton hydraulic die-taking tools. Refer to note (q) below for applicable crimp tools.
k) When installing #1 size connectors using TB-6W series or BLL-W series tools with ILD-W37 die, AWG 2 class M wire is NOT applicable.
m) When installing 4/0 size connectors with 3/0 class M wire using TB-6W series or BLL-W series tools, use ILD-W50 die.
n) When installing 750 size connectors with 600 kcmil class K wire using T&B 13100A or TBM14 series tools, use ILSCO ILD-99 die.
p) When installing 750 size connectors with 600 kcmil flex wires using 12 Ton die-taking tool with Small Dino dies, 600 kcmil class K wire is NOT applicable.
q) Applicable crimp tools include ILSCO ILC-12 series, ILCB-12 series, ILC-14 series, TM-12U1000, TR-12U1000, TB-12U1000 series; UTILCO UM-U42, UR-U42, BLL-U42 series.

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