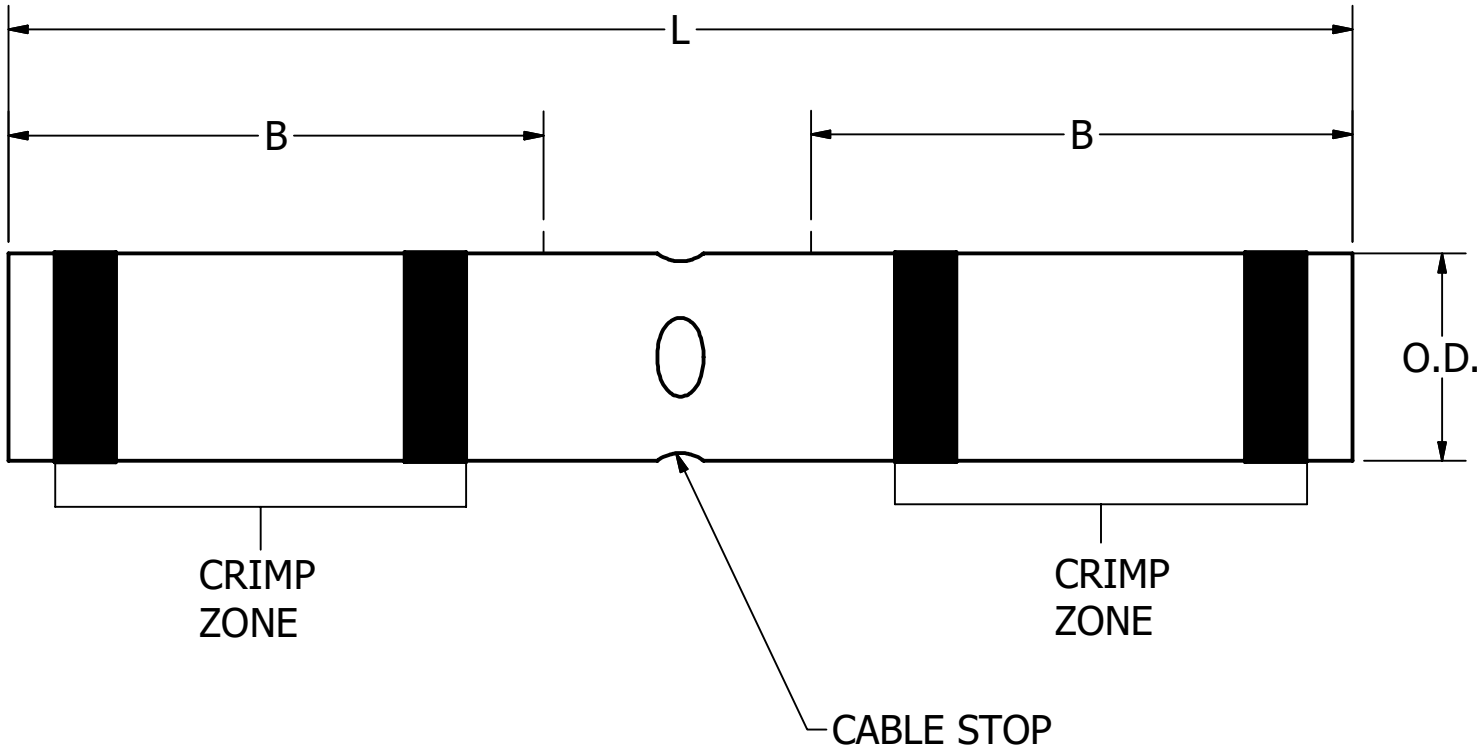
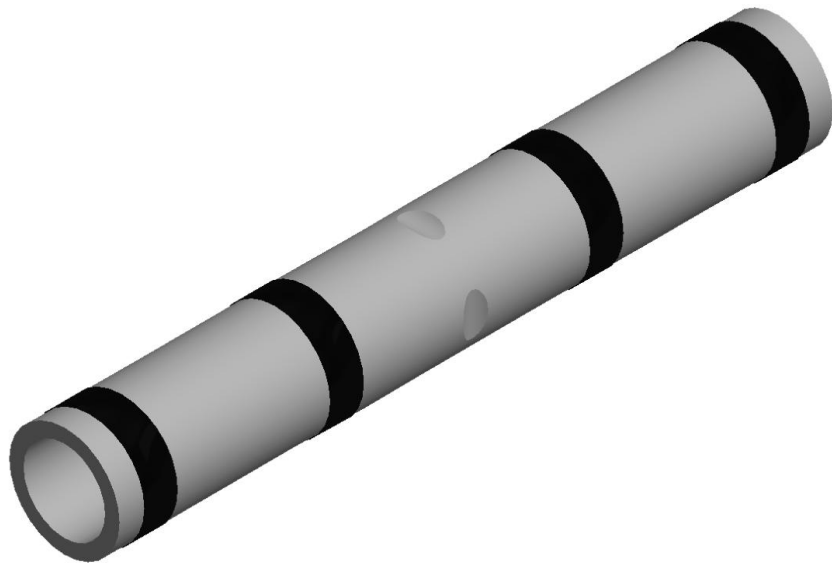


Catalog Number	Accommodates			Dimensions			Color Code Die Index
	Copper Conductor Class B,C (mm²)	Metric class 2 mm²	Navy	Outside Diameter (OD)	Overall Length (L)	Barrel Length (B)	
YS8CL	8 AWG (8.37) 8 AWG Class G,H,I,K,M 6 AWG Str/Sol (13.3)	10	23	.27 [7]	1.00 [25]	.44 [11]	RED 49
YS6CL	6 AWG STR/SOL (13.3)	--	--	.29 [7]	1.75 [44]	.81 [21]	BLUE 374 OR 7 OR 94
YS5CL	5 AWG (18.8)	--	30	.30 [8]	1.90 [48]	.81 [21]	BLUE 7 OR 94
YS4CL	4 AWG (21.2)	--	40	.34 [9]	1.75 [44]	.81 [21]	GRAY 346 OR 8 OR 95
YS3CL	3 AWG (26.7)	25	50	.38 [10]	2.05 [52]	.88 [22]	WHITE 9 OR 96
YS2CL	2 AWG (33.6)	35	60	.42 [11]	2.00 [51]	.88 [22]	BROWN 10 OR 97
YS1CL	1 AWG (42.4)	50	75	.46 [12]	2.06 [52]	.88 [22]	GREEN 375 OR 11 OR 98
YS25L	1/0 AWG (53.5)	--	100	.51 [13]	2.08 [53]	.88 [22]	PINK 348 OR 12 OR 99
YS26L	2/0 AWG (67.2)	70	125	.56 [14]	2.17 [55]	.94 [24]	BLACK 13 OR 100
YS27L	3/0 AWG (85)	--	150	.62 [16]	2.30 [58]	1.00 [25]	ORANGE 14 OR 101
YS28L	4/0 AWG (107)	--	200	.69 [18]	2.32 [59]	1.00 [25]	PURPLE 15
YS29L	250 kcmil (127)	--	250	.75 [19]	2.46 [62]	1.06 [27]	YELLOW 16
YS30L	300 kcmil (152)	150	300	.81 [21]	2.47 [63]	1.06 [27]	WHITE 298 OR 17
YS31L	350 kcmil (177)	185	350	.88 [22]	2.60 [66]	1.12 [28]	RED 324 OR 18
YS32L	400 kcmil (203)	--	400	.95 [24]	2.74 [70]	1.19 [30]	BLUE 470 OR 19

9

Catalog Number	Accommodates			Dimensions			Color Code Die Index	Wire Strip Length
	Copper Conductor Class B,C (mm²)	Metric class 2 mm²	Navy	Outside Diameter (OD)	Overall Length (L)	Barrel Length (B)		
YS33L	450 kcmil (228)	--	--	1.01 [26]	2.76 [70]	1.19 [30]	GRAY 326 OR 538	1.25 [32]
YS34L	500 kcmil (253)	240	--	1.06 [27]	3.15 [80]	1.38 [35]	BROWN 299 OR 20	1.44 [37]
YS35L	550 kcmil (278)	--	500	1.12 [28]	3.20 [81]	1.38 [35]	YELLOW 21	1.44 [37]
YS36L	600 kcmil (304)	300	--	1.18 [30]	3.22 [82]	1.38 [35]	GREEN 472 OR 22	1.44 [37]
YS37L	650 kcmil (329)	--	650	1.23 [31]	3.23 [82]	1.38 [35]	ORANGE 23	1.44 [37]
YS38L	700 kcmil (355)	--	--	1.25 [32]	3.22 [82]	1.38 [35]	PINK 400	1.44 [37]
YS39L	750 kcmil (380)	--	--	1.30 [33]	3.72 [94]	1.62 [41]	BLACK 24	1.69 [43]
YS40L	800 kcmil (405)	400	--	1.35 [34]	3.75 [95]	1.62 [41]	ORANGE 25	1.69 [43]
YS41L	850 kcmil (430)	--	800	1.38 [35]	3.76 [96]	1.62 [41]	GOLD 26	1.69 [43]
YS44L	1000 kcmil (507)	500	--	1.49 [38]	4.28 [109]	1.88 [48]	WHITE 27	1.94 [49]
YS45L	1250 kcmil (633)	--	--	1.69 [43]	4.60 [117]	2.00 [51]	YELLOW 29	2.06 [52]
YS453L	1300 kcmil (700)	--	1300	1.74 [44]	4.60 [117]	2.00 [51]	ORANGE 30	2.06 [52]
YS46L	1500 kcmil (760)	--	--	1.84 [47]	4.40 [112]	2.00 [51]	GREEN 31	2.06 [52]
YS47L	1750 kcmil (887)	--	--	1.98 [50]	5.00 [127]	2.19 [56]	GRAY 33	2.25 [57]
YS48L	2000 kcmil (1010)	1013	--	2.12 [54]	5.17 [131]	2.25 [57]	BROWN 34	2.31 [59]
YS486L	2500 kcmil (1215)	--	--	--	--	--	--	--

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
M	04/10/2021	NEW DRAWING CREATION	211007013128	YR	WP



NOTES:

1. CONNECTOR: TIN PLATED COPPER COMPRESSION SPLICES.
2. CONNECTION: COMPRESSION CONNECTIONS MADE ARE IRREVERSIBLE AND MAINTENANCE FREE.
3. APPLICABLE STANDARDS: CONNECTORS ARE ONLY UL LISTED AND CSA CERTIFIED WHEN INSTALLED WITH THE BURNDY ENGINEERED SYSTEM AND SELECT OTHER CRIMP TOOL MANUFACTURERS IN ACCORDANCE WITH ONE OR MORE UL CATEGORIES.

A. UL LISTED AND CSA CERTIFIED WIRE CONNECTORS PER UL 486A-486B, CSA 22.2 NO. 65.
4. TEMPERATURE AND VOLTAGE RATING: 90°C UP TO 35KV.
5. WIRE ACCOMMODATE TYPES (SEE TABLE):

A. COPPER CONDUCTOR: SOLID, CLASS B (CONCENTRIC, COMPRESS, COMPACT) OR CLASS C STRANDING.
6. CONNECTOR FINISHES AND SUFFIX: SEE SECTION C OF THE BURNDY MASTER CATALOG FOR PLATING SERVICE TEMPERATURE RATINGS. A. NICKEL PLATED: APPLY SUFFIX "NK" TO A CATALOG NUMBER IN THE TABLE. B. SILVER PLATED: APPLY "SV" TO A CATALOG NUMBER IN THE TABLE. C. TIN ZINC: APPLY "TZ" TO A CATALOG NUMBER IN THE TABLE. D. BARE CONNECTOR: APPLY "BR" TO A CATALOG NUMBER MEANS NO PLATING.
7. FEATURES:

A. TYPICAL INK BARREL MARKING COLOR CODE (AS SPACE PERMITS): CRIMP ZONE IS INDICATED BY COLOR BANDS, BURNDY CORPORATE NAME OR LOGO, UL LOGO (IF APPLICABLE), CSA LOGO (IF APPLICABLE), WIRE SIZE, DIE COLOR CODE, DIE INDEX NUMBER.

B. TYPICAL METAL STAMP MARKINGS (AS SPACE PERMITS): CRIMP ZONE IS INDICATED BY METAL KNURL BANDS, BURNDY CORPORATE NAME OR LOGO, UL LOGO (IF APPLICABLE), CSA LOGO (IF APPLICABLE), WIRE SIZE, DIE COLOR CODE, DIE INDEX NUMBER, AND INCLUDES AN INK COLOR CODE DOT MARKING.

C. BARREL DESIGN: BARREL END AT THE WIRE HAS AN INTERNAL CHAMFER, ALLOWING FOR A SMOOTH WIRE INSERTION, AND THE BARREL IS A STANDARD/SHORT LENGTH WHICH IS RECOMMENDED FOR INSTALLATIONS WITH LIMITED SPACE REQUIREMENTS.

D. BARREL IS DESIGNED WITH INDENT CABLE STOPS IN THE CENTER OF THE BARREL.
8. INSTALLATION TOOLING AND DIES ARE CONSTANTLY BEING UPDATED. PLEASE SEE BURNDY MASTER CATALOG FOR THIS PRODUCT FAMILY, WHICH CAN BE FOUND ON THE BURNDY WEBSITE.
9. YS486L IS NOT UL LSITED OR CSA CERTIFIED

TO ORDER BURNDY® PRODUCTS CALL		STANDARD BARREL CODE SPLICES					
UNITED STATES		ITEM NO: SEE TABLE					
1-800-346-4175 (LONDONDERRY, NH)		CAT. NO: SEE TABLE					
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)		DRAWN BY: M.P.		08/24/1993			
		CHECKER: R.ROBICHEAU		07/01/1993			
		DSN APRVL: C.PALAGI		07/06/1993			
		MFG APRVL: --					
FOR PRODUCT INFO: http://www.burndy.com		QA APRVL: --					
		MKT APRVL: --					
		PROD FAM: C&I COMPRESSION				DRAWING NO	
		PROJECT #: --				REV	
		DOCUMENT TYPE: SALES		SD..022390-01			
		REL LEVEL: Released		SHEET 1 OF 5			
				M			

[illegible]

CATALOG NUMBER DESIGNATION	WIRE SIZE ACCOMMODATES	Color Code and Die Index Number	Mechanical & Ratchet Dies Required (# Crimps)		Mechanical & Ratchet Dedicated Die Tools # Crimps				Wire Strip Length
	Class B, C Conductor (CU Only)		MD6 and MD7 Series *Due to handle force not recommended	OUR840 *Due to handle force not recommended	MY293 MY2911	MRC840	Y122CMR	Y1MRTC	
YS8CL	#8 AWG	RED 49	X8CRT (1) W8CRT (1) W8CVT (1)	X8CRT (1) W8CRT (1) W8CVT (1)	1 CRIMP	1 CRIMP	1 CRIMP	1 CRIMP	.50 [13]
YS6CL	#6 AWG Str Sol	BLUE 7	X5CRT (1) W5CRT (1) W5CVT (1)	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	1 CRIMP	1 CRIMP	.88 [22]
YS5CL	#5 AWG	BLUE 7	X5CRT (1) W5CRT (1) W5CVT (1)	X5CRT (1) W5CRT (1) W5CVT (1)	1 CRIMP	1 CRIMP	1 CRIMP	1 CRIMP	.88 [22]
YS4CL	#4 AWG	GRAY 8	X4CRT (1) W4CRT (1) W4CVT (1)	X4CRT (1) W4CRT (1) W4CVT (1)	1 CRIMP	1 CRIMP	2 CRIMPS	2 CRIMPS	.88 [22]
YS3CL	#3 Str #2 Sol	WHITE 9	W3CRT (1)	W3CRT (1)	1 CRIMP	1 CRIMP	2 CRIMPS	2 CRIMPS	.94 [24]
YS2CL	#2 AWG	BROWN 10	X2CRT (1) W2CRT (1) W2CVT (1)	X2CRT (1) W2CRT (1) W2CVT (1)	1 CRIMP	1 CRIMP	2 CRIMPS	2 CRIMPS	.94 [24]
YS1CL	#1 AWG	GREEN 11	X1CRT1 (1) W1CRT1 (1) W1CVT (1)	X1CRT1 (1) W1CRT1 (1) W1CVT (1)	1 CRIMP	1 CRIMP	--	2 CRIMPS	.94 [24]
YS25L	1/0 AWG	PINK 12	X25RT (2) W25RT (2) W25VT (2)	X25RT (2) W25RT (2)* W25VT (2)*	1 CRIMP	2 CRIMPS	--	--	.94 [24]
YS26L	2/0 AWG	BLACK 13	X26RT (2) W26RT (2) W26VT (2)	X26RT (2) W26RT (2)* W26VT (2)*	1 CRIMP	2 CRIMPS	--	--	1.00 [25]
YS27L	3/0 AWG	ORANGE 14	X27RT (3) W27RT (2) W27VT (2)	X27RT (3) W27RT (2)* W27VT (2)*	1 CRIMP	2 CRIMPS	--	--	1.06 [27]
YS28L	4/0 AWG	PURPLE 15	X28RT (3) W28RT (2) W28VT (2)	X28RT (3) W28RT (2)* W28VT (2)*	1 CRIMP	2 CRIMPS	--	--	1.06 [27]
YS29L	250 kcmil	YELLOW 16	X29RT (4) W29RT (2) W29VT (2)	X29RT (4) W29RT (2)* W29VT (2)*	1 CRIMP	--	--	--	1.12 [28]
YS30L	300 kcmil	WHITE 17	W30RT (2)* W30VT (2)	--	--	--	--	--	1.12 [28]
YS31L	350 kcmil	RED 18	W31RT (2)* W31VT (2)	--	--	--	--	--	1.18 [30]
YS32L	400 kcmil	BLUE 19	W32RT (2)* W32VT (2)	--	--	--	--	--	1.25 [32]
YS33L	450 kcmil	GRAY 326	W33RT (2)* W33VT (2)	--	--	--	--	--	1.25 [32]
YS34L	500 kcmil	BROWN 20	W34RT (2)* W34VT (2)	--	--	--	--	--	1.44 [37]

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
M	04/10/2021	NEW DRAWING CREATION	211007013128	YR	WP

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UNITED STATES
1-800-346-4175 (LONDONDERRY, NH)

CANADA:
1-800-361-6975 (QUEBEC)
1-800-387-6487 (ALL OTHER PROVINCES)

FOR PRODUCT INFO: <http://www.burndy.com>

STANDARD BARREL CODE SPLICES

ITEM NO: SEE TABLE

CAT. NO: SEE TABLE

DRAWN BY: M.P. 08/24/1993

CHECKER: R.ROBICHEAU 07/01/1993

DSN APRVL: C.PALAGI 07/06/1993

MFG APRVL: --

QA APRVL: --

MKT APRVL: --





PROD FAM: C&I COMPRESSION

DRAWING NO

REV

PROJECT #: --

SIZE

SD..022390-01

M

DOCUMENT TYPE: SALES

REL LEVEL: Released

C

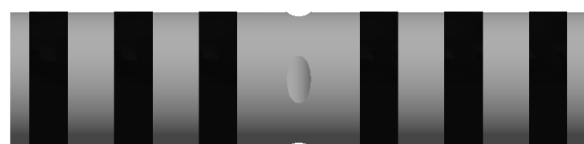
SHEET 4 OF 5

Installation Instructions

- 1. Select the appropriate connector based on:
Wire Material, Wire Construction, Wire Size
- 2. Strip the insulation to the appropriate wire strip length, based on the table's
Wire Strip Length recommendation for the selected connector.
- 3. As a best practice, wire brush the bare conductor to remove any oxides.
DO NOT wire brush tin-plated connectors.
- 4. Insert the conductor into the barrel for the full length. If the connector has an
inspection window, the conductor end can easily be seen to verify full wire insertion.
- 5. Apply the proper number of crimps specified by the appropriate illustration.
- 6. *Some catalog numbers require overlapping crimps when using the 81K or
4PC Series of installation tools. Please refer to the overlapping crimp image
that is applicable based on the number of crimps required. Overlap each
consecutive crimp so that the completed installation of all overlapping crimps
covers the entire crimp zone.
- 7. Once all crimps have been completed, the connection can be easily inspected
for proper installation.

NOTES:

- Ink Marked Barrels: Illustrations show black solid bands however this is just a representation of the crimp zones. See individual connector for actual crimp band color code. Example:

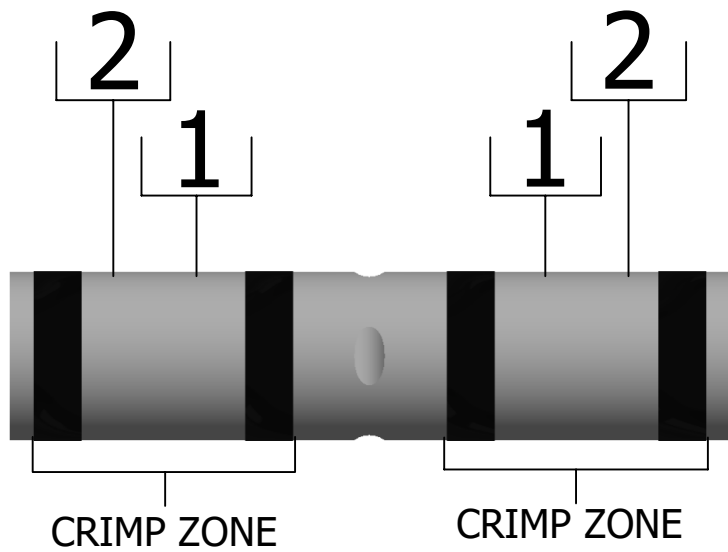
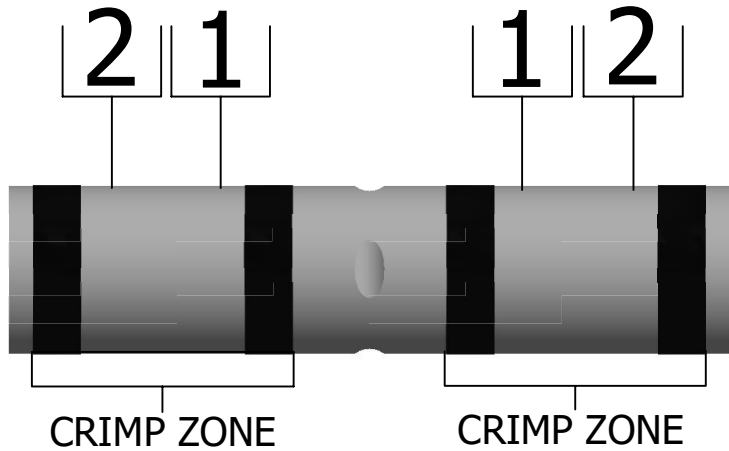
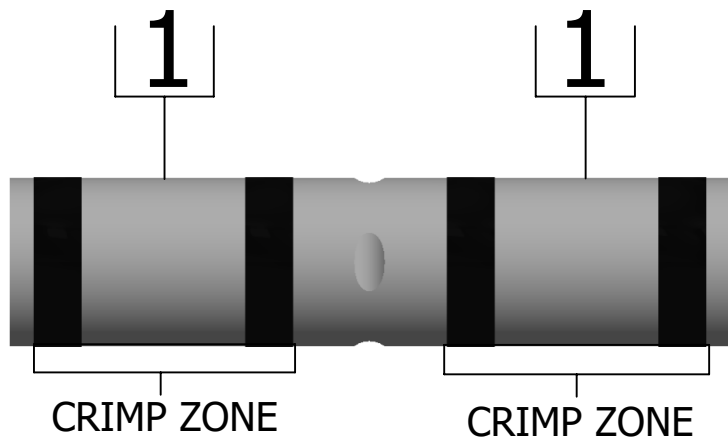


NOTES:

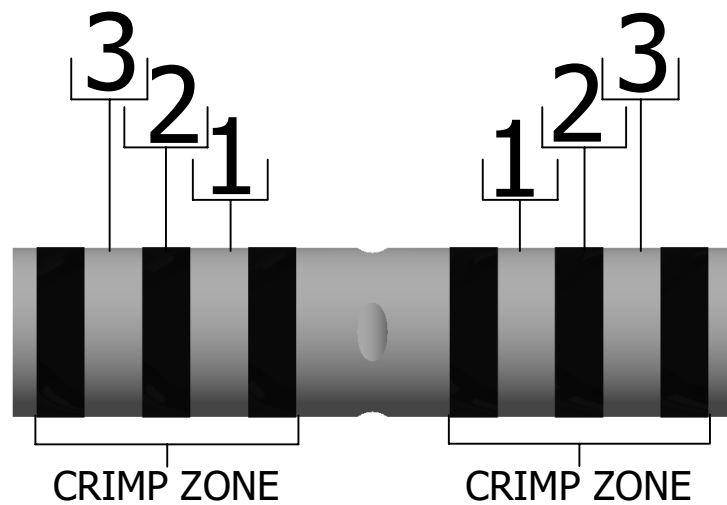
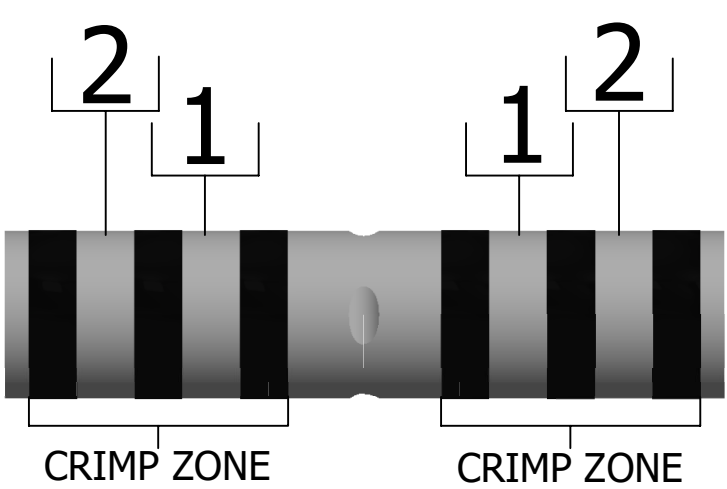
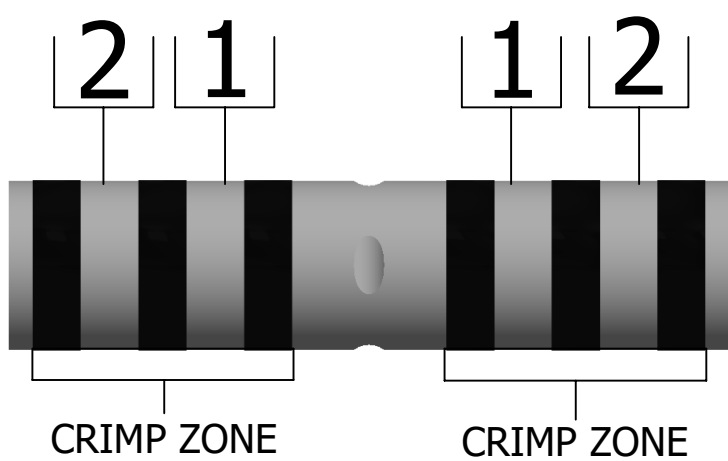
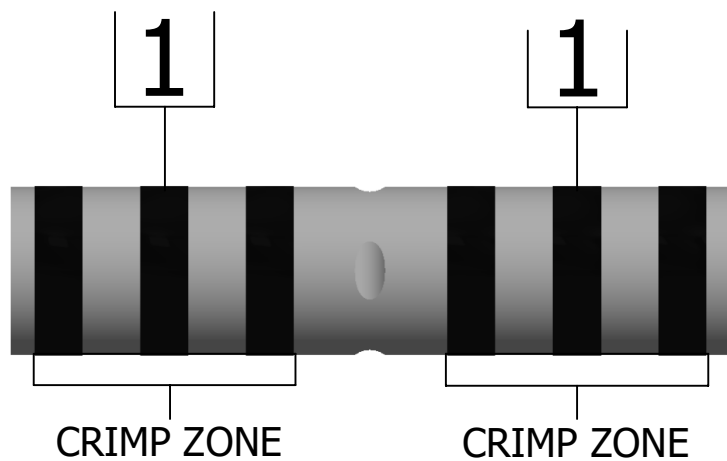
- Metal Stamped Marked Barrels: Illustrations show hatch knurl bands and a black solid color code dot. See individual connector for actual color dot color code.



CATALOG NUMBER DESIGNATION				
YS6CL-	YS4CL-	YS3CL-	YS2CL-	YS1CL-
YS25L-	YS26L-	YS27L-	YS28L-	YS29L-



CATALOG NUMBER DESIGNATION						
YS30L-	YS31L-	YS32L-	YS34L-	YS36L-	YS39L-	YS44L-



3 OVERLAPPING

2 OVERLAPPING

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ITEM NO: SEE TABLE			
CAT. NO: SEE TABLE			
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CHECKER:	R.ROBICHEAU	07/01/1993	
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MFG APRVL:	--	--	
QA APRVL:	--	--	
MKT APRVL:	--	--	
PROD FAM:	C&I COMPRESSION	DRAWING NO	
PROJECT #:	--	SIZE	
DOCUMENT TYPE:	SALES	SD..022390-01	M
REL LEVEL:	Released	SHEET 5 OF 5	

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
M	04/10/2021	NEW DRAWING CREATION	211007013128	YR	WP