

Tooling Selection Guide for PANDUIT Terminals, Splices, and Disconnects

PANDUIT Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.) [+1/32;-0]	Plier Tools				Controlled Cycle Hand Tools												Crimp Heads for Pneumatic CT-600-A Tool				Mechanical					
				CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-500CH	CT-520CH	CT-550CH	CT-570CH		CT-720				
BS	Non-insulated butt splices	26 – 22	1/4	X	X																								
		22 – 18	9/32	X	X	X	X										X		X								X		
		16 – 14	9/32	X	X	X	X										X		X								X		
		12 – 10	9/32	X	X	X	X										X	X	X								X		
BSH	Heat shrink splices	22 – 18	5/16							X																			
		16 – 14	5/16							X																			
		12 – 10	5/16							X																			
BSN	Nylon insulated butt splices	26 – 22	1/4	X																									
		22 – 18	9/32	X			X				X									X	X								
		16 – 14	9/32	X	X		X				X	X								X	X								
		12 – 10	9/32	X	X		X				X	X								X	X					X			
BSV	Vinyl insulated butt splices	22 – 18	5/16	X	X		X			X									X	X					X				
		16 – 14	5/16	X	X		X			X	X								X	X					X				
		12 – 10	5/16	X	X		X			X	X								X	X					X				
D, DR	Non-insulated sleeved barrel disconnects (includes right angle disconnect)	22 – 18	9/32	X	X	X	X												X	X						X			
		16 – 14	9/32	X	X	X	X												X	X						X			
		12 – 10	9/32	X	X	X	X												X	X						X			
D-M	Non-insulated male blade adapters	22 – 18	9/32	X	X	X	X												X	X						X			
		16 – 14	9/32	X	X	X	X												X	X						X			
D-M	Non-insulated male disconnect	12 – 10	9/32	X		X	X												X	X	X					X			
D-MB, DR-B	Non-insulated right angle female disc. and non-insulated male butted seam disc.	22 – 18	9/32	X	X	X	X																						
		16 – 14	9/32	X	X	X	X																						
DNF	Nylon, funnel entry, barrel insulated disconnect (not .110/.111)	22 – 18	9/32		X		X			X						X	X			X									
		16 – 14	9/32		X		X			X	X					X	X			X	X				X				
DNF-110, DNF-111	Nylon, funnel entry barrel insulated disconnect, .110/.111 tab size	22 – 18	7/32	X											X					X	X	X							
		16 – 14	9/32		X											X	X			X									
DNF-FI	Nylon, fully insulated disconnect	22 – 18	9/32	X	X		X								X	X	X			X	X				X				
		16 – 14	9/32	X	X		X								X	X	X			X	X				X				
		12 – 10	3/8	X	X		X					X			X	X	X			X					X				
DPF-FI	Premium nylon, fully insulated disconnect	12 – 10	3/8	X	X		X							X	X	X			X					X					
DNF-FIB, DNF-FIMB, DPF-FIB, DPF-FIMB, DNF-LPB, DPF-LPB	Nylon and premium grade nylon, fully insulated, funnel entry, male/female couplers (not .110/.111)	22 – 18	9/32	X											X					X		X							
		16 – 14	9/32	X											X					X		X							
		12 – 10	3/8												X					X									
DNF-FIB, DPF-FIB	Nylon and premium grade nylon, fully insulated, funnel entry disconnect, 110/.111 tab size	22 – 18	7/32	X										X					X		X								
DNF-FIBX	Nylon, expanded wire entry fully insulated	22 – 18	X-9/32												X					X									
		16 – 14	X-9/32																	X									

Tool/product approved combinations indicated on individual product pages.

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Steel Ties

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Duct

C2.
Surface
Raceway

C3.
Abrasion
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C4.
Cable
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D1.
Terminals

D2.
Power
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D3.
Grounding
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E1.
Labeling
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E3.
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E4.
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Tooling Selection Guide for PANDUIT Terminals, Splices, and Disconnects (continued)

PANDUIT Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.) [+1/32;-0]	Plier Tools				Controlled Cycle Hand Tools										Crimp Heads for Pneumatic CT-600-A Tool				Mechanical CT-720			
				CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-500CH	CT-520CH		CT-550CH	CT-570CH	
DNF-M	Nylon insulated, funnel entry, barrel insulated, male disconnects	22 – 18	9/32	X	X										X	X			X	X					
		16 – 14	9/32	X	X											X	X			X	X				
		12 – 10	9/32	X	X											X	X			X	X				
DNFR-B	Nylon pre-insulated, right angle disconnects	22 – 18	9/32	X											X										
		16 – 14	9/32	X											X										
DNFR-FIB	Nylon butted seam, right angle disconnects	22 – 18	11/32						X																
		16 – 14	11/32						X																
DNG-FB	SUPRA GRIP™ nylon, fully insulated disc., (except DNG14-187FB and DNG14-188FB)	22 – 18	1/4												X										
		16 – 14	1/4												X										
DNG-FL	DISCO-LOK™ nylon, fully insulated disconnects	22 – 18	1/4												X										
		16 – 14	1/4												X										
DNH	Heat shrink disconnects	22 – 18	5/16							X															
		16 – 14	5/16							X															
		12 – 10	5/16							X															
DV	Vinyl barrel insulated sleeved disconnects	12 – 10	9/32	X											X	X			X				X		
DV-B	Vinyl insulated, butted seam disconnects	22 – 18	1/4	X											X				X				X		
		16 – 14	1/4	X											X				X				X		
DV-M	Vinyl barrel insulated male blade adapters	22 – 18	9/32	X	X						X					X	X			X	X		X		
		16 – 14	9/32	X	X						X	X				X	X			X	X		X		
DV-M	Vinyl insulated male disconnects	12 – 10	9/32	X			X																X		
		22 – 18	9/32	X							X									X	X		X		
DV-MB	Vinyl insulated butted seam male disconnects	16 – 14	9/32	X							X	X							X	X		X			
		22 – 18	9/32	X							X	X							X	X		X			
DV-P	Vinyl insulated piggyback disconnects	22 – 18	1/4	X	X		X								X	X			X	X		X			
		16 – 14	1/4	X	X		X									X	X			X	X		X		
DVF	Vinyl funnel entry barrel insulated female disconnect	22 – 18	9/32													X	X			X	X		X		
		16 – 14	9/32													X	X			X	X		X		
J	Non-insulated wire joints																								
E2. Labels	J214-312	14 – 12	1/2	X		X																			
	J318-412	18 – 12	1/2	X		X																			
	J216-410	16 – 10	3/4			X																			
E3. Pre-Printed & Write-On Markers	JN Nylon insulated wire joints	JN224-318	24 – 16	7/16	X			X			X				X	X			X	X		X			
		JN218-216	22 – 16	7/16	X						X				X	X			X	X		X			
		JN418-212	18 – 12	1/2	X							X				X	X			X	X		X		
		JN314-412	14 – 12	5/8		X																			
E4. Permanent Identification	P-HDR Non-insulated heavy duty rings	16 – 12	9/32	X		X	X												X	X				X	
		22 – 18	9/32	X	X	X	X												X	X				X	
		16 – 14	9/32	X	X	X	X												X	X				X	
E5. Lockout/ Tagout/ & Safety Solutions	P-P Non-insulated pin terminals	12 – 10	9/32	X	X	X	X												X	X				X	
		8	3/8																X						
		6	7/16																X						
E5. Lockout/ Tagout/ & Safety Solutions	P-R Non-insulated large ring terminals	4	1/2																X						
		2	1/2																X						

Tool/product approved combinations indicated on individual product pages.

Tooling Selection Guide for PANDUIT Terminals, Splices, and Disconnects (continued)

PANDUIT Terminal Series	Terminal Description	Std. Wire Range (AWG)	Wire Strip Length (In.) [+1/32;-0]	Plier Tools																Crimp Heads for Pneumatic CT-600-A Tool				Mechanical			
				Plier Tools				Controlled Cycle Hand Tools												Crimp Heads for Pneumatic CT-600-A Tool							
				CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-310	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550	CT-1551	CT-1570	CT-1701	CT-2500	CT-500CH	CT-520CH	CT-550CH	CT-570CH		CT-720		
P-R, P-F, P-LF, P-SLF, P-FF	Non-insulated rings, forks, locking forks, short locking forks, flanged forks	26 – 22	3/16	X		X	X																				
		22 – 18	7/32	X	X	X	X									X		X									X
		16 – 14	7/32	X	X	X	X									X		X									X
P-RHT6	High temperature rings	22 – 18	9/32	X	X	X	X																			X	
		16 – 14	9/32	X	X	X	X									X		X								X	
		12 – 10	9/32	X	X	X	X									X	X	X								X	
PH	Heat shrink terminals	22 – 18	5/16							X																	
		16 – 14	5/16							X																	
		12 – 10	5/16							X																	
PN-R, PN-RX, PN-F, PN-LF, PN-FF, PNF-R, PNF-F, PNF-LF	Nylon and nylon funnel entry forks, locking forks, flanged forks (includes expanded insulation)	26 – 22	3/16	X													X										
		22 – 18	7/32	X							X						X	X		X	X						
		16 – 14	7/32	X							X	X					X	X		X	X						
		12 – 10	9/32	X								X					X	X		X							
PN-HDR, PN-HDRX	Nylon insulated heavy duty and nylon expanded insulated heavy duty rings	16 – 12	9/32								X					X	X		X								
PN-SLF, PNF-SLF	Nylon insulated short locking forks	22 – 18	7/32								X					X	X		X	X							
		16 – 14	7/32								X	X				X	X		X	X							
		12 – 10	9/32									X				X	X		X								
PS	Non-insulated parallel splices	22 – 18	5/16	X		X	X																				
		20 – 16	5/16	X		X	X																				
		14 – 12	7/16	X		X	X																				
PSN	Nylon insulated parallel splices	22 – 18	5/16												X				X		X						
		20 – 16	5/16	X	X		X								X				X		X						
		14 – 12	7/16												X				X			X					
PK-R	KYNAR® rings	22 – 18	7/32	X			X			X					X	X		X	X		X	X					
		16 – 14	7/32	X			X			X						X	X		X	X		X	X				
		12 – 10	9/32	X												X	X		X			X	X				
PV-HDR, PV-HDRX	Vinyl insulated heavy duty rings	16 – 12	5/16								X				X	X		X			X						
PV-LF, PV-LFX	Vinyl insulated locking forks (includes expanded insulation)	22 – 18	5/16	X			X			X					X	X		X	X		X	X					
		16 – 14	5/16	X						X	X					X	X		X	X		X	X				
		12 – 10	5/16	X		X					X					X	X		X			X	X				
PV-P	Vinyl insulated pin terminals	22 – 18	5/16	X	X		X								X	X		X	X		X	X					
		16 – 14	5/16	X	X		X									X	X		X	X		X	X				
		12 – 10	5/16	X	X		X									X	X		X			X	X				
PV-R, PV-F, PV-FF, PV-RX, PV-FX	Vinyl insulated rings and forks (includes expanded insulation)	26 – 22	3/16	X													X				X						
		22 – 18	5/16	X	X		X			X						X	X		X	X		X	X				
		16 – 14	5/16	X	X		X			X	X					X	X		X	X		X	X				
		12 – 10	5/16	X	X		X			X	X					X	X		X			X	X				
PV-R, PV-RX	Vinyl insulated large ring terminals	8	3/8																								X‡
		6	7/16																								X‡
		4	1/2																								X‡
		2	1/2																X								X‡
PV-SLF	Vinyl insulated short locking forks	22 – 18	5/16								X					X	X		X			X					
		16 – 14	5/16								X	X				X	X		X			X					
		12 – 10	5/16													X	X		X			X					

*KYNAR is a registered trademark of Atonfina Chemicals, Inc.
‡Use Die CD-720PV8-2.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

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C2.
Surface
Raceway

C3.
Abrasion
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C4.
Cable
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D1.
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D2.
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D3.
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Tooling Selection Guide for *PANDUIT* Tubular Ring Terminals

Tooling	CT-1700	CT-720	CT-930, CT-930CH, CT-920, CT-920CH, CT-2920, CT-940CH	CT-980, CT-980CH, CT-2950, CT-2980	CT-2001
<i>PANDUIT</i> Part Number	<i>PANDUIT</i> Die Part Number Die Index Number (Number of Crimps)				
S8-10R-Q					
S8-14R-Q	P21	CD-720-1	CD-920-8	—	CD-2001-8
S8-56R-Q	(2)	P21 (1)	P21 (1)		P21 (1)
S8-38R-Q					
S6-10R-E					
S6-14R-E	P24	CD-720-1	CD-920-6	—	CD-2001-6
S6-56R-E	(2)	P24 (1)	P24 (1)		P24 (1)
S6-38R-E					
S4-10R-E					
S4-14R-E	P29	CD-720-1	CD-920-4	STD	CD-2001-4
S4-56R-E	(2)	P29 (1)	P28 (1)	(1)	P29 (1)
S4-38R-E					
S2-10R-X					
S2-14R-X	P37	CD-720-2	CD-920-1	STD	CD-2001-1
S2-56R-X	(3)	P37 (1)	P37 (1)	(1)	P37 (1)
S2-38R-X					
S2-12R-X					
S1/0-14R-X					
S1/0-56R-X	—	CD-720-2	CD-920-1/0	STD	CD-2001-1/0
S1/0-38R-X		P42 (1)	P42 (1)	(1)	P42 (1)
S1/0-12R-X					
S2/0-14R-X					
S2/0-56R-X	—	CD-720-2	CD-920-2/0	STD	CD-2001-2/0
S2/0-38R-X		P45 (2)	P45 (1)	(1)	P45 (2)
S2/0-76R-X					
S2/0-12R-X					
S3/0-14R-5					
S3/0-56R-5	—	CD-720-2	CD-920-3/0	STD	CD-2001-3/0
S3/0-38R-5		P50 (2)	P50 (1)	(1)	P50 (2)
S3/0-76R-5					
S3/0-12R-5					
S4/0-38R-5					
S4/0-76R-5	—	CD-720-3	CD-920-4/0	STD	CD-2001-4/0
S4/012R-5		P54 (2)	P54 (1)	(1)	P54 (2)
S250-56R-5					
S250-38R-5	—	CD-720-3	CD-920-250	STD	CD-2001-250
S250-76R-5		P62 (2)	P62 (1)	(1)	P62 (2)
S250-12R-5					

Tooling Selection Guide for PANDUIT Ferrules

PANDUIT Ferrule Series	Ferrule Description	Wire Range (AWG)	Wire Range (mm²)	Wire Strip Length	Controlled Cycle Hand Tools								
					CT-1000	CT-1002	CT-1003	CT-1004	CT-1005	CT-1006	CT-1104	CT-1123	
F	Non-insulated ferrules	24	.25	Please See Ferrule Tables – Pgs. D1.73 – D1.77		X	X						
		22 – 18	.50 – 1.00			X	X					X	
		16	1.50			X	X					X	
		14	2.50			X	X						
		12	4.00			X	X					X	
		10	6.00			X	X					X	
		8	10.0					X	X			X	
		6	16.0					X	X			X	
		4 – 2	25.0 – 35.0								X	X	
		1	50.0									X	
FSD, FSF	Insulated single wire ferrules (DIN or French color code)	26 – 18	.41 – 1.00		X	X						X	
		16 – 14	1.50 – 2.00		X	X						X	
		12 – 10	4.00 – 6.00		X	X						X	
		8	10.0				X	X			X	X	
		6	16.0				X	X			X		
		4 – 2	25.0 – 35.0							X			
1	50.0								X				
FTD	Insulated twin wire ferrules	22 – 18	.50 – 1.00		X	X						X	
		16 – 14	1.50 – 2.00		X	X						X	
		12	4.00				X	X				X	
		10	6.00				X	X			X		
FSD-DSL FS-DSL	Insulated single wire ferrules on strips of 50 (DIN or other color code)	20 – 14	.50 – 2.50	.31" (8mm)	X								

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

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