

Easy Selection Guide for Pan-Term® Terminals



WIRE RANGE*	STUD SIZE	COLOR CODE	RING TERMINALS			FORK TERMINALS			LOCKING FORK TERMINALS		
			NON-INSULATED*	VINYL INSULATED	NYLON INSULATED	NON-INSULATED	VINYL INSULATED	NYLON INSULATED	NON-INSULATED	VINYL INSULATED	NYLON INSULATED
22-18	4	Red	P18-4R	PV18-4R	PN18-4R	—	—	—	—	—	—
	6		P18-6R	PV18-6R	PN18-6R	P18-6F	PV18-6F	PN18-6F	P18-6LF	PV18-6LF	PN18-6LF
	8		P18-8R	PV18-8R	PN18-8R	P18-8F	PV18-8F	PN18-8F	P18-8LF	PV18-8LF	PN18-8LF
	10		P18-10R	PV18-10R	PN18-10R	P18-10F	PV18-10F	PN18-10F	P18-10LF	PV18-10LF	PN18-10LF
	1/4"		P18-14R	PV18-14R	PN18-14R	—	—	—	—	—	—
	1/2"		P18-12R	PV18-12R	PN18-12R	—	—	—	—	—	—
	5/16"		P18-56R	PV18-56R	PN18-56R	—	—	—	—	—	—
16-14	3/8"	Blue	P18-38R	PV18-38R	PN18-38R	—	—	—	—	—	—
	4		P14-4R	PV14-4R	PN14-4R	—	—	—	—	—	—
	6		P14-6R	PV14-6R	PN14-6R	P14-6F	PV14-6F	PN14-6F	P14-6LF	PV14-6LF	PN14-6LF
	8		P14-8R	PV14-8R	PN14-8R	P14-8F	PV14-8F	PN14-8F	P14-8LF	PV14-8LF	PN14-8LF
	10		P14-10R	PV14-10R	PN14-10R	P14-10F	PV14-10F	PN14-10F	P14-10LF	PV14-10LF	PN14-10LF
	1/4"		P14-14R	PV14-14R	PN14-14R	P14-14F	—	PN14-14F	—	—	—
	1/2"		P14-12R	PV14-12R	PN14-12R	—	—	—	—	—	—
12-10	5/16"	Yellow	P14-56R	PV14-56R	PN14-56R	—	—	—	—	—	—
	3/8"		P14-38R	PV14-38R	PN14-38R	—	—	—	—	—	—
	6		P10-6R	PV10-6R	PN10-6R	P10-6F	PV10-6F	PN10-6F	P10-6LF	PV10-6LF	PN10-6LF
	8		P10-8R	PV10-8R	PN10-8R	P10-8F	PV10-8F	PN10-8F	P10-8LF	PV10-8LF	PN10-8LF
	10		P10-10R	PV10-10R	PN10-10R	P10-10F	PV10-10F	PN10-10F	P10-10LF	PV10-10LF	PN10-10LF
	1/4"		P10-14R	PV10-14R	PN10-14R	P10-14F	PV10-14F	PN10-14F	P10-14LF	PV10-14LF	PN10-14LF
	1/2"		P10-12R	PV10-12R	PN10-12R	—	—	—	—	—	—
	5/16"		P10-56R	PV10-56R	PN10-56R	—	—	—	—	—	—
	3/8"		P10-38R	PV10-38R	PN10-38R	—	—	—	—	—	—

*Expanded wire range for non-insulated ring terminals; type P18 = 22-16, type P14 = 18-14, and type P10 = 14-10.

WIRE RANGE	TAB SIZE	COLOR CODE	FEMALE DISCONNECTS				
			NON-INSULATED	VINYL BARREL INSULATED	VINYL BARREL INSULATED (Ins. Grip)	NYLON BARREL INSULATED (Ins. Grip)	NYLON FULLY INSULATED*
22-18	.110 x .032	Red	—	—	—	DNF18-110	DNF18-110FIB
	.110 x .020		—	—	—	DNF18-111	DNF18-111FIB
	.187 x .032		D18-187	DV18-187B	DVF18-187	DNF18-187	DNF18-187FIB
	.187 x .020		D18-188	DV18-188B	DVF18-188	DNF18-188	DNF18-188FIB
	.205 x .032		—	DV18-205B	DVF18-205	DNF18-205	DNF18-205FIB
	.205 x .020		—	DV18-206B	DVF18-206	DNF18-206	DNF18-206FIB
	.250 x .032		D18-250	DV18-250B	DVF18-250	DNF18-250	DNF18-250FIB
16-14	.110 x .032	Blue	—	—	—	DNF14-110	DNF14-110FIB
	.110 x .020		—	—	—	DNF14-111	DNF14-111FIB
	.187 x .032		D14-187	DV14-187B	DVF14-187	DNF14-187	DNF14-187FIB
	.187 x .020		D14-188	DV14-188B	DVF14-188	DNF14-188	DNF14-188FIB
	.205 x .032		—	DV14-205B	DVF14-205	DNF14-205	DNF14-205FIB
	.205 x .020		—	DV14-206B	DVF14-206	DNF14-206	DNF14-206FIB
	.250 x .032		D14-250	DV14-250B	DVF14-250	DNF14-250	DNF14-250FIB
12-10	.250 x .032	Yellow	D10-250	DV10-250	—	—	DNF10-250FI

*For premium nylon replace DNF with DPF.

Stud Size Chart with Panduit Bolt Hole Sizes

Standard Stud Size	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"	1/2"
Stud Size Decimal Equiv.	.127"	.138"	.164"	.190"	.250"	.312"	.375"	.438"	.500"
Terminal Hole Dia.	.130"	.147"	.173"	.204"	.270"	.343"	.392"	.456"	.531"

Note: All warranties, including merchantability and fitness for a particular purpose, are excluded. User is responsible to determine suitability of product for intended use.

Panduit® Dry-Shrink™ Heat Shrink Tubing

Recommended Tubing Size for Common Wire Types

- Recommended tubing size for use with Panduit® Pan-Term® Terminals
- Recommended part number will cover both terminal and wire insulation

STYLE			WIRE RANGE	RECOMMENDED TUBING SIZE
P22-RING	P22-FORK	BS22-BUTT	26-22	HSTT12-48-Q
P18-RING	P18-FORK	BS18-BUTT	22-18	HSTT19-48-Q
P14-RING	P14-FORK	BS14-BUTT	16-14	HSTT19-48-Q
P10-RING	P10-FORK	BS10-BUTT	12-10	HSTT25-48-Q

NYLON INSULATED WIRE JOINTS				
WIRE RANGE	CMA RANGE	PART NUMBER		
MIN.	MAX.	MIN.	MAX.	
2#24	2#16	808	5160	JN224-318
2#22	2#16	1284	5160	JN218-216
4#18	2#12	6480	14750	JN418-212
3#14	4#12	10320	26120	JN314-412

BUTT SPLICES				
WIRE RANGE	COLOR	NON-INSULATED	VINYL INSULATED	NYLON INSULATED
26-22	Yellow	BS22*	—	BSN22*
22-18	Red	BS18	BSV18X	BSN18
16-14	Blue	BS14	BSV14X	BSN14
12-10	Yellow	BS10	BSV10X	BSN10

*Not UL Listed or CSA Certified.

FERRULE END SLEEVES		
WIRE RANGE	STYLE	PART NUMBER
14	DIN	FSD80-12
8	DIN	FSD83-12
10	DIN	FTD82-14
1	NON-INS	F87-18

FERRULE KITS		
WIRE RANGE	STYLE	PART NUMBER
24-18	DIN	KP-FSD1
22-14	DIN	KP-FSD2
12-6	DIN	KP-FSD3
22-14	NON-INS	KP-F1
12-6	NON-INS	KP-F2

Recommended Crimping Tool Selection Chart

See product package or customer service for UL/CSA approved tooling/product combination

Panduit® Pan-Term® Terminal Series	Terminal Description	Wire Range	Wire Strip Length	Plier Tools			Controlled Cycle Hand Tools									
		Standard Wire Range (AWG)	(+1/32-0) (In.)	CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1551	CT-1570	CT-2500
BS	Non-Insulated Butt Splices	26-22 22-18 16-14 12-10	1/4 9/32 9/32 9/32	X X X X	X X X X	X X X X									X X X X	X X X X
BSN	Nylon Insulated Butt Splices	26-22 22-18 16-14 12-10	1/4 9/32 9/32 9/32	X X X X		X X X X			X X X X			X	X X X X		X X X X	X X X X
BSV	Vinyl Insulated Butt Splices	22-18 16-14 12-10	5/16 5/16 5/16	X X X	X X X	X X X			X X X X				X X X X	X X X X	X X X X	X X X X
D DR	Non-Insulated Sleeved Barrel Disconnects (Includes Right Angle Disc.)	22-18 16-14 12-10	9/32 9/32 9/32	X X X	X X X	X X X									X X X X	X X X X
D-MB	Non-Insulated Right Angle Female Disc. and Non-Insulated Male Butted Seam Disconnect	22-18 16-14	9/32 9/32	X X	X X	X X										
D-M	Non-Insulated Male Blade Adapters	22-18 16-14	9/32 9/32	X X	X X	X X									X X X X	X X X X
D-M	Non-Insulated Male Disc.	12-10	9/32	X	X	X									X X	X X
DNF	Nylon Funnel Entry Barrel Insulated Disconnects (not .110/.111)	22-18 16-14	9/32 9/32	X X	X X	X X			X X X X				X X X X		X X X X	X X X X
DNF-110 DNF-111	Nylon, Funnel Entry Barrel Insulated Disc. .110/.111 Tab Size	22-18 16-14	7/32 9/32	X X									X X X X		X X X X	X X X X
DNF-FI	Nylon, Fully Insulated Disc.	12-10	3/8	X	X	X			X				X		X	X
DPF-FI	Premium Nylon, Fully Ins. Disc.	12-10	3/8	X	X	X			X				X		X	X
DNF-FIB DNF-FIM DNF-FIMB DPF-FIB DPF-FIM DPF-FIMB	Nylon and Premium Grade Nylon, Fully Insulated, Funnel Entry, Male/Female Couplers (not .110/.111)	22-18 16-14 12-10	9/32 9/32 3/8	X X X									X X X X		X X X X	X X 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
DNF-FIBX	Nylon, Expanded Wire Entry Fully Insulated	22-18 16-14	9/32 9/32	X X								X				X X
DNG-FB	Supra Grip Nylon Fully Insulated Disconnect	22-18 16-14	1/4 1/4								X X					
DNF-M	Nylon Insulated, Funnel Entry, Barrel Insulated, Male Disconnects	22-18 16-14 12-10	9/32 9/32 9/32	X X X	X X X	X X X				X			X X X X	X X X X	X X X X	X X X X
DNFR-FIB	Nylon Butted Seam Right Angle Disconnects	22-18 16-14	11/32 11/32	X X				X X								
DNFR-B	Nylon Pre-Insulated Right Angle Disconnects	22-18 16-14	9/32 9/32	X X								X X				
DV-B	Vinyl Insulated Butted Seam Disconnects	22-18 16-14	1/4 1/4	X X								X X			X X	X X
DV	Vinyl Barrel Insulated Sleeved Disconnects	12-10	9/32	X									X		X	X
DV-M	Vinyl Insulated Male Blade Adapters	22-18 16-14	9/32 9/32	X X	X X	X X			X X X X				X X		X X X X	X X X X
DV-MB	Vinyl Insulated Butted Seam Male Disconnects	22-18 16-14	9/32 9/32	X X					X X X X				X X		X X X X	X X X X
DV-M	Vinyl Insulated Male Disc.	12-10	9/32	X			X									X
DV-P	Vinyl Insulated Piggyback Disconnects	22-18 16-14	1/4 1/4	X X	X X	X X							X X	X X	X X X X	X X X X
DVF	Vinyl Funnel Entry Barrel Insulated Disconnect	22-18 16-14	9/32 9/32	X X									X X	X X	X X X X	X X X X
J	Non-Insulated Wire Joints	J214-312 J318-412 J216-410	14-12 18-12 16-10	1/2 1/2 3/4	X X X	X X X										

Panduit® Pan-Term® Terminal Series	Terminal Description	Wire Range	Wire Strip Length	Plier Tools			Controlled Cycle Hand Tools										
		Standard Wire Range (AWG)	(+1/32-0) (In.)	CT-100A	CT-160	CT-200	CT-260	CT-300-1	CT-400	CT-460	CT-1014	CT-1015	CT-1525	CT-1550 CT-1551	CT-1570	CT-2500	
JN	Nylon Insulated Wire Joints JN224-318 JN218-216 JN418-212 JN314-412	24-16 22-16 18-12 14-12	7/16 7/16 1/2 5/8	X X X X			X		X X					X X X	X X X	X X X	
P-R P-F P-LF P-SLF P-FF	Non-Insulated Rings, Forks, Locking Forks, Short Locking Forks, Flanged Forks	26-22 22-18 16-14 12-10	3/16 7/32 7/32 9/32	X X X X	X X X X	X X X X									X X X X		
P-RHT6	High Temperature Rings	22-18 16-14 12-10	9/32 9/32 9/32	X X X	X X X	X X X										X X X	X X X
P-HDR	Non-Insulated Heavy Duty	16-12	9/32	X		X X										X X	
P-P	Non-Insulated, Pin Terminals	22-18 16-14 12-10	9/32 9/32 9/32	X X X	X X X	X X X										X X X	X X X
P-R	Non-Insulated Large Ring Terminal	8 6 4 2	3/8 7/16 1/2 1/2				Use CT-1701 Crimping Tool CT-2600 with CD-2600-P2 thru P8 dies										
PN-R 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 22-18 16-14 12-10	3/16 7/32 7/32 9/32	X X X X					X X X				X X X	X X X	X X X	X X X	
PK-R	KYNAR® Rings	22-18 16-14 12-10	7/32 7/32 9/32	X X X		X X			X X X	X X X				X X X	X X X	X X X	
PN-HDR PN-HDRX	Nylon Insulated Heavy Duty & Nylon Expanded Insulated Heavy Duty Rings	16-12	9/32							X				X		X	
PN-RX	Nylon Insulated Rings (Expanded Insulation)	16-14 12-10	7/32 9/32	X X					X X	X X				X X		X X	
PN-SLF PNF-SLF	Nylon Insulated Short Locking Forks	22-18 16-14 12-10	7/32 7/32 9/32						X X X	X X				X X X	X X X	X X X	
PS	Non-Insulated Parallel Splice	22-18 20-16 14-12	5/16 5/16 7/16	X X X	X X X	X X X											
PSN	Nylon Insulated Parallel Splice	22-18 20-16 14-12	5/16 5/16 7/16	X X X	X X X	X								X 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 22-18 16-14 12-10	3/16 5/16 5/16 5/16	X X X X	X X X X	X X X X			X X X					X X X	X X X	X X X	
PV-LF PV-LFX	Vinyl Insulated Locking Forks (Includes Expanded Insulation)	22-18 16-14 12-10	5/16 5/16 5/16	X X X		X X			X X	X X				X X X	X X X	X X X	
PV-HDR PV-HDRX	Vinyl Insulated Heavy Duty Rings	16-12	5/16							X					X		X
PV-P	Vinyl Insulated Pin Terminals	22-18 16-14 12-10	5/16 5/16 5/16	X X X	X X X	X X X									X X X	X X X	
PV-SLF	Vinyl Insulated Short Locking Forks	22-18 16-14 12-10	5/16 5/16 5/16						X X X					X X X	X X X	X X X	
PV-R PV-RX	Vinyl Insulated Large Ring Terminals	8 6 4 2	3/8 7/16 1/2 1/2				Use CT-720 Tool with CD-720PV8-2 Die CT-2600 with CD-2600-PV2 thru PV8 dies										
PH BSH	Heat Shrink Terminals and Splices	22-18 16-14 12-10	5/16 5/16 5/16				Use CT-310 Crimping Tool										
DNH	Heat Shrink Disconnects	22-18 16-14 12-10	5/16 5/16 5/16														

**KYNAR is a registered trademark of Atofina Chemicals, Inc.

Pan-Term® Terminal Crimping Tools

HAND OPERATED – Plier Type

CT-100A Tool

Crimps #22 thru #10 insulated and non-insulated terminal products. Cuts #4, 6, 8, and 10 screws.

CT-160 Tool

Crimps #22 thru #10 insulated and non-insulated terminal products. Cuts 3 U.S. and 3 meter bolt sizes.

CT-200 Forged Steel Tool

Crimps #22 thru #10 non-insulated terminal products.

CT-260 Forged Steel Tool

Crimps most Panduit #22 thru #10 insulated and non-insulated terminal pockets.

HAND OPERATED – Controlled Cycle Type

CT-1525

Crimps Panduit #26 thru #22 AWG insulated terminals and splices #22 thru #10 AWG fully insulated disconnects and insulated parallel splices. Crimps specific Panduit #22 thru #14 AWG barrel insulated disconnects.

CT-1550 /CT-1551

Crimps most Panduit #22 thru #10 AWG nylon and vinyl insulated terminals and splices. Crimps specific Panduit #22 thru #10 AWG nylon and vinyl insulated disconnects.

CT-1570

Crimps most Panduit #22 thru #10 AWG and 0.5-6.0mm² non-insulated terminals and disconnects. Crimps specific Panduit #22 thru #10 AWG and 0.5-6.0mm² non-insulated splices.

SPECIALTY – Controlled Cycle Type

CT-300-1, CT-1700 (Used with S Series Tubular Terminals), **CT-1701, CT-1014, CT-1015, CT-400, CT-460, CT-310** for heatshrink terminals

Battery Powered Crimping Tool CT-2500

Crimps Panduit #22 – #10 AWG insulated and non-insulated terminals, disconnects and splices. Includes tool, two batteries, a battery charger and carrying case. Crimp heads not included.

Battery powered Crimping Tool CT-2600

Crimps tin and nickel plated #8-2AWG high temperature large wire, non insulated, vinyl and Kynar insulated ring terminals. Includes tool with crimp head, two battery cartridges (CT-2500BC), battery charger (CT-2500CHR) and carrying case (CT-2500CASE). Crimp dies not included.

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