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Easy Selection Guide for PAN-TERM® Terminals



		COLOR CODE	RING TERMINALS			FORK TERMINALS			LOCKING FORK TERMINALS		
WIRE RANGE	STUD SIZE		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	-	-	-	-	-	-
	8		P18-8R	PV18-8R	PN18-8R	-	-	-	-	-	-
	10		P18-10R	PV18-10R	PN18-10R	-	-	-	-	-	-
	1/2"		P18-12R	PV18-12R	PN18-12R	-	-	-	-	-	-
	1/4"		P18-14R	PV18-14R	PN18-14R	-	-	-	-	-	-
	5/16"		P18-56R	PV18-56R	PN18-56R	-	-	-	-	-	-
	3/8"		P18-38R	PV18-38R	PN18-38R	-	-	-	-	-	-
	6,8,10*		P18-610R	PV18-610R	PN18-610R	-	-	-	-	-	-
16-14	4	BLUE	P14-4R	PV14-4R	PN14-4R	-	-	-	-	-	-
	6		P14-6R	PV14-6R	PN14-6R	-	-	-	-	-	-
	8		P14-8R	PV14-8R	PN14-8R	-	-	-	-	-	-
	10		P14-10R	PV14-10R	PN14-10R	-	-	-	-	-	-
	1/2"		P14-12R	PV14-12R	PN14-12R	-	-	-	-	-	-
	1/4"		P14-14R	PV14-14R	PN14-14R	-	-	-	-	-	-
	5/16"		P14-56R	PV14-56R	PN14-56R	-	-	-	-	-	-
	3/8"		P14-38R	PV14-38R	PN14-38R	-	-	-	-	-	-
	6,8,10*		P14-610R	PV14-610R	PN14-610R	-	-	-	-	-	-
12-10	6	YELLOW	P10-6R	PV10-6R	PN10-6R	-	-	-	-	-	-
	8		P10-8R	PV10-8R	PN10-8R	-	-	-	-	-	-
	10		P10-10R	PV10-10R	PN10-10R	-	-	-	-	-	-
	1/2"		P10-12R	PV10-12R	PN10-12R	-	-	-	-	-	-
	1/4"		P10-14R	PV10-14R	PN10-14R	-	-	-	-	-	-
	5/16"		P10-56R	PV10-56R	PN10-56R	-	-	-	-	-	-
	3/8"		P10-38R	PV10-38R	PN10-38R	-	-	-	-	-	-
	6,8,10*		P10-610R	PV10-610R	PN10-610R	-	-	-	-	-	-

* Multiple stud size terminals utilize teardrop shaped stud hole for use with #6, #8 and #10 size studs.

		COLOR CODE	FEMALE DISCONNECTS				
WIRE RANGE	TAB SIZE		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		-	-	-	DNF18-187	DNF18-187FIB
	.187 X .020		-	-	-	DNF18-188	DNF18-188FIB
	.205 X .032		-	-	-	DNF18-205	DNF18-205FIB
	.205 X .020		-	-	-	DNF18-206	DNF18-206FIB
	.250 X .032		-	-	-	DNF18-250	DNF18-250FIB
16-14	.110 X .032	BLUE	-	-	-	DNF14-110	DNF14-110FIB
	.110 X .020		-	-	-	DNF14-111	DNF14-111FIB
	.187 X .032		-	-	-	DNF14-187	DNF14-187FIB
	.187 X .020		-	-	-	DNF14-188	DNF14-188FIB
	.205 X .032		-	-	-	DNF14-205	DNF14-205FIB
	.205 X .020		-	-	-	DNF14-206	DNF14-206FIB
	.250 X .032		-	-	-	DNF14-250	DNF14-250FIB
12-10	.250 X .032	YELLOW	D10-250	DV10-250	-	-	DNF10-250FI

* For premium nylon replace DNF with DPF

NYLON INSULATED WIRE JOINTS				
WIRE RANGE		CMA RANGE		PART NUMBER
MAX.	MIN.	MAX.	MIN.	
3#18	2#24	5160	808	JN224-318
2#16	2#22	5160	1284	JN218-216
2#12	4#18	14750	4580	JN418-212
4#12	3#14	26120	10320	JN314-412

BUTT SPLICES				
WIRE RANGE	COLOR	NON-INSULATED	VINYL INSULATED	NYLON INSULATED
26-22	RED	BS22 *	-	BSN22 *
22-18	RED	BS18	BSV18X	BSN18
16-14	BLUE	BS14	BSV14X	BSN14
12-10	YELLOW	BS10	BSV14X	BSN10

* Not UL Listed or CSA Certified

Stud Size Chart With PANDUIT Bolt Hole Sizes									
Standard Stud Size									
	#2	#4	#5	#6	#8	#10	1/4"	5/16"	3/8"
Stud Size Decimal Equiv.	.086"	.112"	.125"	.138"	.164"	.190"	.250"	.312"	.375"
Terminal Hole Dia.	.090"	.118"	.127"	.146"	.173"	.198"	.270"	.343"	.385"

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

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
12-16	NON-INS	KP-F2

PANDUIT® DRY-SHRINK™ Heat Shrink Tubing				
Recommended Tubing Size for Common Wire Types				
•Recommended tubing size for use with PANDUIT PAN-TERM Terminals	STYLE		WIRE RANGE	RECOMMENDED TUBING SIZE
	P22-RING	P22-FORK	BS22-BUTT	26-22
	P18-RING	P18-FORK	BS18-BUTT	22-18
	P14-RING	P14-FORK	BS14-BUTT	16-14
	P10-RING	P10-FORK	BS10-BUTT	12-10
•Recommended part number will cover both terminal and wire insulation				



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-100	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
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	
BSN	Nylon Insulated Butt Splices	26-22 22-18 16-14 12-10	1/4 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				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		
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	
D-B	Non-Insulated Butted Seam Female Disconnects	22-18 16-14	9/32 9/32	X X		X										X X X
DR-B D-MB	Non-Insulated Right Angle Female Disc. & Non-Insulated Male Butted Seam Disconnect	22-18 16-14	9/32 9/32	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										
D-M	Non-Insulated Male Disc.	12-10	9/32	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		
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		
DNF-FI	Nylon, Fully Insulated Disc.	12-10	3/8	X X	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					X X		
DNF-FIB DNF-FIM DNF-FIMB DPF-FIB DPF-FIM DPF-FIMB DNF-LPB DPF-LPB	Nylon & 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		
DNF-FIB DPF-FIB	Nylon & Premium Grade Nylon, Fully Insulated, Funnel Entry, Disconnect .110/.111 Tab Size	22-18	7/32	X								X				
DNF-FIBX	Nylon, Expanded Wire Entry Fully Insulated	22-18 16-14	9/32 9/32	X X												
DNG-FL	Disco-Lok Nylon Fully Insulated Disconnect	22-18 16-14	1/4 1/4							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		
DNFR-FIB	Nylon Butted Seam Right Angle Disconnects	22-18 16-14	9/32 9/32					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				
DV	Vinyl Barrel Ins. Sleeved Disc.	12-10	9/32	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		
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		
DV-M	Vinyl Insulated Male Disc.	12-10	9/32	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		
DVF	Vinyl Funnel Entry Barrel Insulated Disconnect	22-18 16-14	9/32 9/32											X X X		
J	Non-Insulated Wire Joints	J214-312 J318-412 J216-410	1/2 1/2 3/4	X X X		X X X										
JN	Nylon JN224-318 Insulated JN218-216 Wire JN418-212 Joints JN314-412	24-18 18-16 18-12 14-12	7/16 7/16 1/2 5/8	X X X X	X X X X	X X X X										
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 9/32 9/32 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
P-HDR	Non-Insul. Heavy Duty	16-12	9/32	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
P-R	Non-Insulated Large Ring Terminal	8 6 4 2	3/8 7/16 1/2 1/2	Use CT-1701 Crimping Tool												
PN-R PN-F PN-LF PN-FF PNF-R 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		
PT-R	TEFZEL® Rings	22-18 16-14 12-10	7/32 7/32 9/32											X X X		X X X
PN-HDR PN-HDRX	Nylon Ins. Heavy Duty & Nylon Expanded Ins. Hvy. Duty Rings	16-12	9/32											X 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
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	
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	
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		
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		
PV-HDR PV-HDRX	Vinyl Insulated Heavy Duty Rings	16-12	5/16											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	
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
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												
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	9/32 9/32 3/8													
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PAN-TERM Terminal Crimping Tools

HAND OPERATED - Plier Type

CT-100 Tool
Crimps #26 thru #10 insulated and non-insulated terminal products. Cuts and strips wire. Cuts #4,6,8 and 10 screws.
CT-160 Tool
Crimps #26 thru #10 insulated and non-insulated terminal products. Cuts and strips wire. Cuts 3 U.S. and 3 meter bolt sizes. Has light duty plier nose and insulation closure pocket.
CT-200 Forged Steel Tool
Crimps #26 thru #10 non-insulated terminal products. Cuts wire.
CT-260 Forged Steel Tool
Crimps most PANDUIT #26 thru #10 insulated and non-insulated terminal pockets. Cuts wire.

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. The CT-1550 has the red/blue pocket closest to the pivot which provides a reduced crimp effort advantage for those who make mostly red/blue terminations.

HAND OPERATED - Controlled Cycle Type (cont'd)

CT-1570
Crimps most PANDUIT #26 thru #10 AWG and 0.5-6.0 mm² non-insulated terminals and disconnects. Crimps specific PANDUIT #22 thru #10 AWG and 0.5-6.0 mm² 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

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