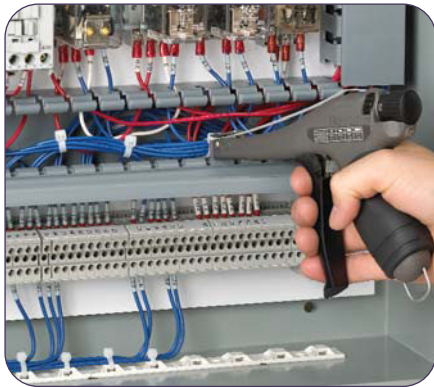


MANUAL CABLE TIE INSTALLATION TOOLS

Panduit provides the most preferred hand-operated tools in the industry. These versatile tools can be used for production, maintenance, or construction applications.



Tool Highlights:

- Tool controlled tension and cut-off
 - Ergonomic tools are durable, lightweight, and easy to use
 - Manual tools
 - Pneumatic tools
- Installer controlled tension and cut-off
 - Large selection of tools available for complete range of Panduit cable ties
 - Cost-effective alternative for small volume applications



Panduit cable tie installation tools promote worker safety, help reduce downtime, improve productivity and provide the lowest total installed cost. As with all Panduit products, quality in design and production along with customer service excellence, are assured.

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A. System Overview

Selection Guide – Hand Tools, Accessories, and Kits

B1. Cable Ties

Hand Tools

Manual

Tool Controlled Tension and Cut-Off

Recommended usage: under 50,000 ties/year

Typical applications: Low to medium volume tie usage in OEM, MRO, or construction

Cross Section	Tool Part Number – Page B1.111					
	GTS	GTSL	GS2B	GTH	GS4H	GS4EH
SM	X	X				
M	X	X	X			
I	X	X	X			
S	X	X	X	X	X	
HS				X	X	
LH				X	X	X
H				X	X	X
EH						X

Cross Sections	
SM	= Subminiature
M	= Miniature
I	= Intermediate
S	= Standard
HS	= Heavy-Standard
LH	= Light-Heavy
H	= Heavy
EH	= Extra-Heavy

Installer Controlled Tension and Cut-Off

Recommended usage: under 10,000 ties/year

Typical applications: MRO or construction

Cross Section	Tool Part Number – Page B1.112			
	STS2	STH2	ST3EH	STHV
M	X			
I	X			
S	X	X		
HS		X		
LH		X	X	X
H		X	X	X
EH			X	

Pneumatic

Recommended usage: under 250,000 ties/year

Typical applications: Medium to high volume tie usage in OEM

Cross Section	Tool Part Number – Page B1.113	
	PTS	PTH
SM	X	
M	X	
I	X	
S	X	X
HS		X
LH		X
H		X

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

Accessories/Kits

Manual

	Part Number	For Tool	Page
Tool Tension Locking Kits	KGTSTL	GTS, GTSL	B1.114
	KGHTL	GTH	B1.114
	TTLK3	GS2B, GS4H	B1.114
Blade Replacement Kits	KGTSBLD	GTS, GTSL	B1.114
	KGTHBLD	GTH	B1.114
	K2-BLD2	GS2B	B1.114
	K4H-BLD	GS4H	B1.114
Tool Holster	GHH	GTS, GTSL, GS2B, GTH, GS4H, GS4EH	B1.114
	KGTHSLV	GTH	B1.114
Cushion Sleeve Kit	KGTSBLV	GTS	B1.114
	KGTHSLV	GTH	B1.114
Pneumatic Hose Assembly, Filter/Regulator, Adapter Fittings	PPH10		B1.113
	PL289N1		B1.113
	PHCAQ	PTS, PTH, PPTS	B1.113
	PHCAT		B1.113

Pneumatic

Part Number	For Tool	Page
KPTSTL	PTS, PTH	B1.114
TTLK3	PPTS	B1.114
KGTSBLD	PTS	B1.114
KPTHBLD	PTH	B1.114
K2-BLD2	PPTS	B1.114
GHH	PTS, PPTS	B1.114
PPH10		B1.113
PL289N1		B1.113
PHCAQ	PTS, PTH, PPTS	B1.113
PHCAT		B1.113

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Cable Tie Tools – Tool Controlled Tension and Cut-Off



GTS

- Used in production, maintenance, or construction applications
- Tool controlled tension provides flush cut-off and speeds installation to lower installed cost
- Lightweight and balanced
- Easy to change tension adjustment and easy to operate
- A combination of design, operation, and construction features, provides a long service life
- Replacement blades available, see page B1.114
- No special maintenance required



GTS



GTSL



GS2B



GTH



GS4H



GS4EH

Part Number	Used with Cable Ties	Weight		Part Features	Standards	Std. Pkg. Qty.
		Oz.	g			
GTS	SM, M, I, S	9.8	278	Ergonomic design with impact resistant resin housing, narrow nose, and cushion handle.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387-1	1
GTSL	SM, M, I, S	8.8	249	Ergonomic design with impact resistant resin housing, narrow nose, and cushion handle. Shorter handle reach (than GTS) for users with smaller hands.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387-5	1
GS2B	M, I, S	11.5	327	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387-1	1
GTH	S, HS, LH, H	12.0	340	Ergonomic design with impact resistant resin housing, narrow nose, and cushion handle.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387-2	1
GS4H	S, HS, LH, H	16.0	454	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387-2	1
GS4EH	LH, H, EH	16.0	454	Metal tool with a durable powder coat finish.	QPL per Mil. Std. SAE AS81306 and Mil. Spec. SAE AS90387-4	1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

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A. System Overview

Cable Tie Tools – Installer Controlled Tension and Cut-Off

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties



STS2

- Economical series of tools for maintenance or construction applications
- Excellent tools for low volume applications

C1. Wiring Duct



STS2

C2. Surface Raceway



STH2

C3. Abrasion Protection

C4. Cable Management



ST3EH

D1. Terminals

D2. Power Connectors



STHV

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

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Part Number	Used with Cable Ties	Color	Weight		Part Features	Std. Pkg. Qty.
			Oz.	g		
STS2	M, I, S	Black	2.5	71	Economical tool with short handle span and top loading feature for right- or left-handed users.	1
STH2	S, HS, LH, H	Red	2.5	71	Economical tool with short handle span and top loading feature for right- or left-handed users.	1
ST3EH	LH, H, EH	Blue/Black	9.0	256	Durable, all steel construction with comfortable plastic handles.	1
STHV	LH, H	Yellow	12.0	341	Durable all steel construction and "travel stop" to prevent pinched fingers.	1

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy, EH = Extra-Heavy.

Installation Procedure (STS2/STH2/ST3EH):

Install cable tie around bundle and tension tie by squeezing tool handle. Reduce tension slightly and twist tool 1/4" turn either direction to cut off excess cable tie.

Installation Procedure (STHV):

Install cable tie around bundle and tension tie by squeezing tool handle. A separate lever cuts off excess cable tie.

Pneumatic Hand Tools – Tool Controlled Tension and Cut-Off



PTS



PTS



PTH

- Pneumatic, push button operation tensions and cuts off excess tie in a fraction of a second
- Durable, lightweight, ergonomic design is easy to operate and designed to reduce operator fatigue
- Easy to change tension adjustment
- Operates on non-lubricated air, without special maintenance

Part Number	Used with Cable Ties	Weight		Part Features	Std. Pkg. Qty.
		Oz.	g		
PTS	SM, M, I, S	17.3	490	Ergonomic design with impact resistant resin housing and black knob; replacement parts can be part of a scheduled maintenance program.	1
PTH	S, HS, LH, H	32.0	907	Ergonomic design with impact resistant resin housing and red knob; replacement parts can be part of a scheduled maintenance program.	1

Note: All tools require the PPH10 hose and PL289N1 filter/regulator for proper operation.

Cable tie cross section sizes: SM = Subminiature, M = Miniature, I = Intermediate, S = Standard, HS = Heavy-Standard, LH = Light-Heavy, H = Heavy.

Pneumatic Tool Accessories



PL289N1/PPH10



PHCAQ



PHCAT

Part Number	Used with Installation Tool	Part Description	Std. Pkg. Qty.
PL289N1	PTS, PPTS, PTH	Filter/regulator .5 micron element, regulated range 3 – 100 psig, features 1/8" NPT female output port (to hose PPH10) and 1/4" male quick disconnect to source air line.	1
PPH10	PTS, PPTS, PTH	10.0' (3m) hose assembly (regulator to tool); includes a 1/8" NPT male connector (to regulator) and 1/8" female quick disconnect (to tool).	1
PHCAQ	PTS, PPTS, PTH	Adapter fitting for 10.0' (3m) hose (PPH10) to regulator with 1/4" female quick disconnect output, features 1/8" NPT female connection (to hose) and 1/4" male quick disconnect (to regulator).	1
PHCAT	PTS, PPTS, PTH	Adapter fitting for 10.0' (3m) hose (PPH10) to regulator with 1/4" NPT female output port, features 1/8" NPT female connection (to hose) and 1/4" NPT male connection (to regulator).	1

A. System Overview

Hand Tool Accessories: Tool Tension Locking Kits

B1. Cable Ties

- For applications requiring a locking device on either the selector knob (one cross section size and tension only) or tension level adjustment (but allow cross section size changes)

B2. Cable Accessories



KGTHTL

B3. Stainless Steel Ties

Part Number	Used with Installation Tool	Contents	Std. Pkg. Qty.
KGTSTL	GTS, GTSL	Lockout cap and screw.	1
KGTHTL	GTH	Lockout cap and screw.	1
KPTSTL	PTS, PTH	Lockout cap and screw.	1
TTLK3	GS2B, GS4H, PPTS	Selection locking clip and screws.	1

C1. Wiring Duct

Blade Replacement Kits

C2. Surface Raceway

- Blade replacement kits can be part of a user's scheduled maintenance plan or used when cut-offs are not clean and crisp

C3. Abrasion Protection



KGTSBLD

C4. Cable Management

Part Number	Used with Installation Tool	Contents	Std. Pkg. Qty.
KGTSBLD	GTS, GTSL, PTS	Threadlocker, screw, washer and replacement blade.	1
KGTHBLD	GTH	Threadlocker, screw, and replacement blade.	1
K2-BLD2	GS2B, PPTS	Threadlocker, screws, and replacement blade.	1
K4H-BLD	GS4H	Threadlocker, screws, and replacement blade.	1
K4EH-BLD	GS4EH	Threadlocker, screw, and replacement blade.	1
KPTHBLD	PTH	Threadlocker, screw, and replacement blade.	1

D1. Terminals

Hand Tool Holster

D2. Power Connectors

- Durable leather construction holster with rivets and extra tie-down strap to hold tool in place – easily fits on belt

D3. Grounding Connectors



Part Number	Used with Installation Tool	Color	Std. Pkg. Qty.
GHH	GTS, GTSL, GS2B, GTH, GS4H, GS4EH, PTS, PPTS, ST3EH	Black	1

E1. Labeling Systems

E2. Labels

NEW! Cushion Sleeve Kits

E3. Pre-Printed & Write-On Markers

- Cushion sleeve can be added to existing GTS or GTH hand tool
- Reduce the amount of shock an operator may experience while tensioning and cutting off cable ties
- Reduce operator fatigue
- Unique thermoplastic elastomer material that won't split or fall off the tool over time

E4. Permanent Identification



KGTSSLV

E5. Lockout/Tagout & Safety Solutions

Part Number	Used with Installation Tool	Color	Contents	Std. Pkg. Qty.
KGTSSLV	GTS	Black	Cushion sleeve and lubricant.	1
KGTHSLV	GTH	Red	Cushion sleeve and lubricant.	1

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