



RIDGID

Press Fitting Tools & Jaws

Tools apply press fittings that join lengths of pipe without brazing or soldering, providing faster installation and eliminating hazards from heat, open flames, and fumes. They make connections on dry or wet systems. Tools squeeze press fittings tightly against pipe and

form a watertight seal with the fittings' O-ring. They require minimal clearance to fit between runs of pipe or along walls and joists. Press fitting tools accept interchangeable jaws and rings to fit different pipe and tubing sizes.



18V, Standard
60UG31

Tubing Size Range		PEX Tube	Jaws Included	Cordless Tool Kit Contents	Handle Type	Item No.					
Copper	Steel										
Ridgid Press Fitting Tools											
12 V, Compact											
1/2 in to 1 1/4 in	1/2 in to 1 in	3/4 in to 1 1/2 in	Progress 1/2 in, 3/4 in, 1 in, 1 1/4 in	Bare Tool, Battery, Charger	Inline	426J89					
1/2 in to 1 1/4 in	1/2 in to 1 in	3/4 in to 1 1/2 in	Progress 1/2 in, 3/4 in, 1 in	Bare Tool, Battery, Charger	Inline	426J90					
1/2 in to 1 1/4 in	1/2 in to 1 in	3/4 in to 1 1/2 in	Progress 1/2 in, 3/4 in, 1 in, 1 1/4 in	Bare Tool, Battery, Charger	Pistol Grip	426J87					
18 V, Standard											
1/2 in to 4 in	1/2 in to 2 in	1/2 in to 2 in	Progress 1/2 in, 3/4 in, 1 in, 1 1/4 in, 1 1/2 in, 2 in	Bare Tool, Battery, Charger	Pistol Grip	60UG31					
1/2 in to 4 in	1/2 in to 2 in	1/2 in to 2 in	Progress 1/2 in, 3/4 in, 1 in, 1 1/4 in, 1 1/2 in, 2 in	Bare Tool, Battery, Charger	Inline	61HR10					
1/2 in to 4 in	1/2 in to 2 in	1/2 in to 2 in	Progress 1/2 in, 3/4 in, 1 in	Bare Tool, Battery, Charger	Inline	61HR11					
1/2 in to 4 in	1/2 in to 2 in	1/2 in to 2 in	n/a	Bare Tool, Battery, Charger	Pistol Grip	60UG32					
1/2 in to 4 in	1/2 in to 2 in	1/2 in to 2 in	n/a	Bare Tool, Battery, Charger	Inline	61HR12					
1/2 in to 4 in	1/2 in to 2 in	1/2 in to 2 in	n/a	Bare Tool	Pistol Grip	60UG35					
Compatible Material Type											
Fitting System		Material Type		Pipe Size		Kit Contents					
Jaw & Ring Sets for Standard & Extended Press Tools											
Viega ProPress XL	Copper	(Plumbing), Stainless Steel		2 1/2 in to 4 in		(3) Rings, Actuator					
Viega ProPress	Copper	(Plumbing), Stainless Steel		1/2 in to 1 1/4 in		(4) Rings, Actuator					
Viega MegaPress		Stainless Steel		1/2 in to 2 in		(3) Jaws, (3) Rings, Actuator					
Viega MegaPress		Steel		2 1/2 in to 4 in		(3) Rings, Press Booster					
						Item No.					



Dewalt
54JK18



Cordless PEX Expansion Tools

Tools stretch the ends of cross-linked polyethylene (PEX) type A tubing and its expansion ring to accept cold-expansion fittings. The tubing and ring shrink back to size to form a seal and hold the fitting in place. The cone of the tool holds an expansion head that slides into tubing, spreads open, and rotates to widen the tubing for the fitting. They provide smoother, more uniform expansion for a tighter grip on fittings than manual expansion tools. Tools operate in areas without access to wired power, eliminate the tripping hazard of a cord, and run on brand-specific batteries.

	Maximum Compatible Tube Size		Expansion Head Sizes Included	Cordless Tool Kit Contents	Item No.
Platform	Max.	Min.			
DEWALT PEX Expansion Tools					
20V MAX	1 in	½ in	½ in, ¾ in, 1 in	Bare Tool, Charger, (2) Batteries	54JK18
	1 in	½ in	½ in, ¾ in, 1 in	Bare Tool	54JK19
Milwaukee PEX Expansion Tools					
M12 ProPEX	1 in	¾ in	½ in, ¾ in, 1 in	Bare Tool, Charger, (2) Batteries	6CYZ9
M12 Fuel ProPEX	1 in	¾ in	½ in, ¾ in, 1 in	Bare Tool, Charger, (2) Batteries	61UU38
	1 in	¾ in	½ in, ¾ in, 1 in	Bare Tool	61UU39
M18 ProPEX	1½ in	¾ in	1 in, 1¼ in, 1½ in	Bare Tool, Charger, (2) Batteries	38EY30
	1½ in	¾ in	Not Applicable	Bare Tool	6AWK4
M18 Fuel ProPEX	2 in	¾ in	1¼ in, 1½ in, 2 in	Bare Tool, Charger, (2) Batteries	787MH2
M18 FORCE LOGIC	3 in	2 in	2 in, 2½ in, 3 in	Bare Tool, Charger, (2) Batteries	484X16
Expander Head Size	Compatible With			Expansion Head Series	Item No.
DEWALT PEX Expansion Heads					
¾ in	DEWALT Expander			—	423K66
¾ in	DEWALT Expander			—	423K67
Milwaukee PEX Expansion Heads					
½ in	M12 Fuel ProPEX Expander, M12 ProPEX Expander,	ProPEX		6CZA1	
¾ in	M18 Fuel ProPEX Expander, M18 ProPEX Expander	ProPEX		6CZA3	
2 in	M18 Fuel ProPEX Expander	ProPEX		787MH3	

Copper & Bronze Press Tube Fittings

- Max. operating pressure: 200 psi
- Max. operating temp.: 250°F
- EPDM O-ring

Fittings use a crimping technique with a sealing O-ring to connect tubing without soldering, flames, or gas. Crimping is secure and creates a permanent connection. Copper is a reddish, ductile metal that resists corrosion. Bronze, or red brass, resists corrosion from saltwater in marine applications. Suitable for plumbing applications with potable water. Flanges provide easy access for cleaning, inspection, and modification.

Connection Type	Copper Tube Size	Pipe Size	Fitting Material	Item No.
Plumbing Copper & Bronze Press Tube Fittings				
45° Elbow				
Press-Fit x Press-Fit	1/2 in x 1/2 in	—	Copper	1RP4
	3/4 in x 3/4 in	—	Copper	48RH43
	1 in x 1 in	—	Copper	48RH44
	1 1/4 in x 1 1/4 in	—	Copper	48RH45
	1 1/2 in x 1 1/2 in	—	Copper	48RH46
Press-Fit x FTG	2 in x 2 in	—	Copper	48RH47
	3 in x 3 in	—	Copper	1RPN2
45° Street Elbow Adapter				
Press-Fit x FTG	1/2 in x 1/2 in	—	Copper	1RPN4
	1 1/4 in x 1 1/4 in	—	Copper	48RH50
	2 in x 2 in	—	Copper	48RH52
	3 in x 3 in	—	Copper	1RP22
90° Drop Ear Elbow Adapter				
Press-Fit x FNPT	1/2 in	1/2 in	Bronze	5UMA3
	3/4 in	3/4 in	Bronze	20CA19
90° Elbow				
Press-Fit x Press-Fit	1/2 in x 1/2 in	—	Copper	1RPJ4
	3/4 in x 3/4 in	—	Copper	48RH53
	1 in x 1 in	—	Copper	48RH54
	1 1/4 in x 1 1/4 in	—	Copper	48RH55
	1 1/2 in x 1 1/2 in	—	Copper	48RH56
	2 in x 2 in	—	Copper	48RH57
	2 1/2 in x 2 1/2 in	—	Copper	1RPK1
	3 in x 3 in	—	Copper	1RPK2
	4 in x 4 in	—	Copper	1RPK3

Connection Type	Copper Tube Size	Pipe Size	Fitting Material	Item No.
90° Elbow Adapter				
Press-Fit x FNPT	1/2 in	3/4 in	Bronze	5UMH1
	1/2 in	1/2 in	Bronze	5UMH2
	1 1/2 in	1 in	Bronze	5UMH9
Press-Fit x FNPT	2 in	2 in	Bronze	5UMJ0
90° Hi Ear Elbow Adapter				
Press-Fit x FNPT	1/2 in	1/2 in	Bronze	5UMA5
	1 1/2 in	1 in	Bronze	5UMH9
90° Street Elbow Adapter				
Press-Fit x FTG	1/2 in x 1/2 in	—	Copper	1RPK4
	1 1/4 in x 1 1/4 in	—	Copper	48RH61
	2 in x 2 in	—	Copper	48RH62
	3 in x 3 in	—	Copper	1RP22
Press-Fit x FTG	4 in x 4 in	—	Copper	1RP3
DI-Electric Union				
Press-Fit x FNPT	3/4 in	3/4 in	Bronze	5ULZ7
	1 in	1 in	Bronze	5ULZ8
	1 1/4 in	1 1/4 in	Bronze	5ULZ9
	1 1/2 in	1 1/2 in	Bronze	5UMA0
	2 in	2 in	Bronze	5UMA1

Connection Type	Copper Tube Size	Pipe Size	Fitting Material	Item No.
Straight Adapter				
FTG x FNPT	1/2 in	3/4 in	Bronze	5UMG0
	1/2 in	1/2 in	Bronze	5UMG1
	3/4 in	3/4 in	Bronze	5UMG4
	1 in	1 in	Bronze	5UMG5
	1 1/2 in	1 1/2 in	Bronze	5UMG9
FTG x MNPT	1/2 in	3/4 in	Bronze	5UMF0
	1/2 in	1/2 in	Bronze	5UMF1
	3/4 in	3/4 in	Bronze	5UMF4
	1 in	1 in	Bronze	5UMF6
	1 1/2 in	1 1/2 in	Bronze	5UMF8
FTG x Press-Fit	2 in	2 in	Bronze	5UMF9
	1 1/2 in x 1 1/2 in	—	Bronze	5UMP1
	2 in x 1 1/2 in	—	Bronze	5UMP2
	2 in x 3/4 in	—	Bronze	5UMP3
	2 1/2 in x 1 in	—	Copper	4RCJ6
Press-Fit x FNPT	2 1/2 in x 1 1/4 in	—	Copper	4RCJ7
	3 in x 1 1/4 in	—	Copper	4RCJ8
	1/2 in	3/4 in	Bronze	5UMD3
	1/2 in	1/2 in	Bronze	5UMD4
	1/2 in	3/4 in	Bronze	5UMD5
Press-Fit x FNPT	3/4 in	1/2 in	Bronze	5UMD6
	3/4 in	3/4 in	Bronze	5UMD7
	1 in	1/2 in	Bronze	5UMD8
	1 in	3/4 in	Bronze	5UMD9
	1 1/4 in	1 1/4 in	Bronze	5UME4
Press-Fit x FNPT	1 1/2 in	1 1/2 in	Bronze	5UME7
	2 in	2 in	Bronze	5UME9
	2 1/2 in	2 1/2 in	Copper	4RCJ9
	3 in	3 in	Copper	4RCK1

CONTINUED