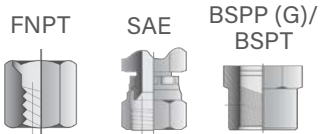


FN / INTERNAL SEALING CONNECTION TOOL

Internal thread grip and seal tool that uses threaded collets to grip threaded bores for high pressures.

CONNECTS TO:



- 1 Pressure assisted grip and proprietary design locks the connector securely in the port, even when used in dynamic hydraulic applications
- 2 Instant threaded sealing connection up to 5,000 psig without tape, sealant, or wrenches - significantly reduces process time
- 3 Split collet design locks securely and will not damage threaded ports
- 4 Self aligning connector requires no operator adjustment
- 5 Quick and easy seal replacement to minimize down time, maintenance and tool inventory



SPECIFICATIONS

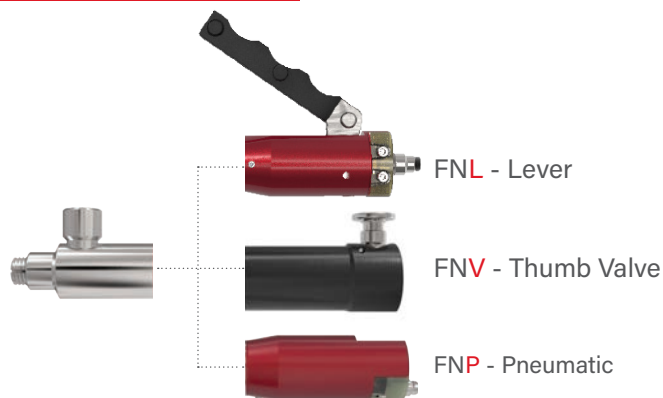
Pressure Rating	Operating Temperatures	Materials of Construction
Vacuum to 5000 psi (345 bar)	-40°F to +250°F (-40°C to +121°C)	Anodized Aluminum, Stainless Steel, Potted PCA
Termination Port		Seal Material*
BSPP (G) or FNPT		Buna-N

*Additional seal material types available, consult factory.

** Operating Temp: 32°F-100°F (0°C-38°C) for ICON™.

Side load rating varies depending on size and insertion.

ACTUATION OPTIONS



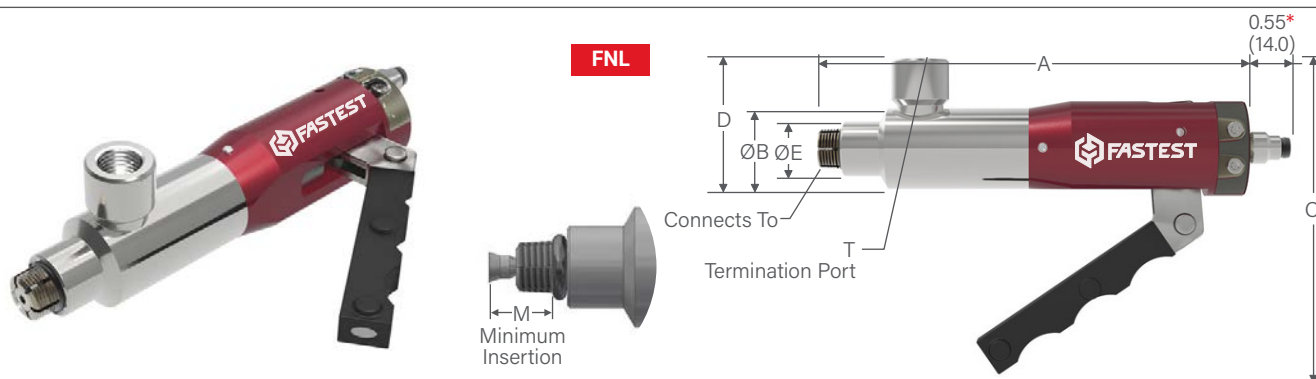
ICON™ TECHNOLOGY

SURE SEAL™

ACCESSORIES

Visit website: fastestinc.com

FN / INTERNAL CONNECTIONS / METRIC



Ordering Information

Connects To	Pressure Rating	FNL Part Number (with Lever)	FNV Part Number (with Thumb Valve)	FNP Part Number (with Pneumatic Pilot)	Replacement Seals Pack (5)	Rebuild Kit	ICON™ Repair Kit (FNL / FNP)
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FasMate® FN | ISO O-Ring Metric

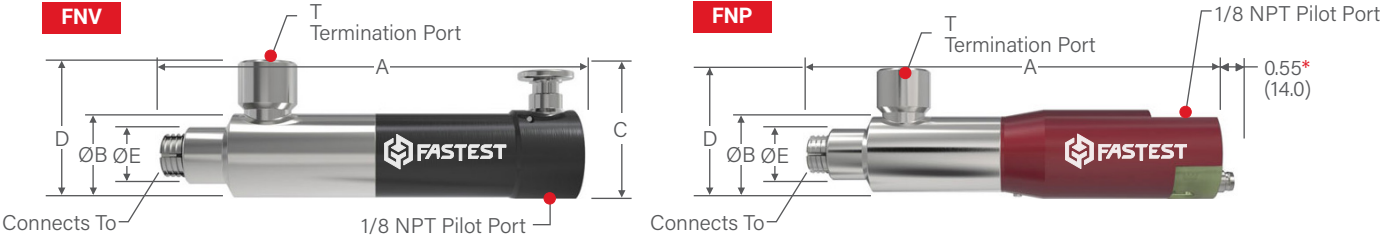
M10 × 1.0	5000 (345)	FNL108021[*]	FNV108021	FNP108021[*]	S1108B70	RFN022021	RFNLBG1CV04ANA RFNLBG1CV04SSR
	2500 (172)	FNLR108021[*]	FNVR108021	FNPR108021[*]			
	5000 (345)	FNL108025[*]	FNV108025	FNP108025[*]			
	2500 (172)	FNLR108025[*]	FNVR108025	FNPR108025[*]			
M10 × 1.25	2500 (172)	FNLR108D021[*]	FNVR108D021	FNPR108D021[*]			
		FNLR108D025[*]	FNVR108D025	FNPR108D025[*]			
M10 × 1.5	2500 (172)	FNLR108E021[*]	FNVR108E021	FNPR108E021[*]			
		FNLR108E025[*]	FNVR108E025	FNPR108E025[*]			
M12 × 1.0	5000 (345)	FNL128021[*]	FNV128021	FNP128021[*]	S21250327B60	RFN042041	
	2500 (172)	FNLR128021[*]	FNVR128021	FNPR128021[*]			
	5000 (345)	FNL128025[*]	FNV128025	FNP128025[*]			
	2500 (172)	FNLR128025[*]	FNVR128025	FNPR128025[*]			
M12 × 1.25	2500 (172)	FNLR128D021[*]	FNVR128D021	FNPR128D021[*]	S1203B60		
		FNLR128D025[*]	FNVR128D025	FNPR128D025[*]			
M12 × 1.5	2500 (172)	FNLR128E021[*]	FNVR128E021	FNPR128E021[*]			
		FNLR128E025[*]	FNVR128E025	FNPR128E025[*]			
M14 × 1.5	5000 (345)	FNL148045[*]	FNV148045	FNP148045[*]	S21250327B60	RFN042041	
	2500 (172)	FNLR148041[*]	FNVR148041	FNPR148041[*]	S1203B60		
	2500 (172)	FNLR148045[*]	FNVR148045	FNPR148045[*]			
M16 × 1.5	5000 (345)	FNL168065[*]	FNV168065	FNP168065[*]	S21200445B70	RFN062061	
	2500 (172)	FNLR168061[*]	FNVR168061	FNPR168061[*]			
	2500 (172)	FNLR168065[*]	FNVR168065	FNPR168065[*]			
M18 × 1.5	5000 (345)	FNL188065[*]	FNV188065	FNP188065[*]	S1206B70	RFN188061	RFNLBG4CV04ANA RFNLBG4CV04SSR
M20 × 1.5	5000 (345)	FNL208065[*]	FNV208065	FNP208065[*]	S21390576B70	RFN208061	
M22 × 1.5	5000 (345)	FNL228085[*]	FNV228085	FNP228085[*]	S1208B70	RHN228081	

Reduced Thread Connectors [FNxRxxxxxx]; The "R" in the part number indicates a shorter collet length for shallow ports.

Port Specifications: BSPP (G) per ISO 228, BS 2779, DIN 3852 Part 2 Type A and B; BSPT per ISO 7 or BS 21

*How To Add ICON™ to FN

Signal Output	Part Number Suffix	Example
FNL Connector without ICON™	None	FNL022021
FNL with ICON™: Analog Output Signal	CV04ANA	FNL022021 CV04ANA
FNL with ICON™: Solid State Relay	CV04SSR	FNL022021 CV04SSR



*Dimension only applies to FN with ICON™ Technology
(Base Part Numbers that include "CV04ANA" or "CV04SSR").

Dimensions									
A (FNL)	A (FNV)	A (FNP)	B	C (FNL)	C (FNV)	D	E	M	T
4.80 (121.9)	5.13 (130.3)	4.90 (124.5)	1.06 (26.9)	3.70 (94.0)	1.58 (40.1)	1.50 (38.1)	0.65 (16.5)	0.55 (14.0)	1/8 NPT
								0.30 (7.6)	
								0.55 (14.0)	1/8 BSPP (G)
								0.30 (7.6)	
								0.32 (8.1)	1/8 NPT
								0.34 (8.6)	1/8 BSPP (G)
5.00 (127.0)	5.21 (132.3)	5.00 (127.0)	1.06 (26.9)	4.00 (101.6)	1.58 (40.1)	1.70 (43.2)	0.72 (18.3)	0.67 (17.0)	1/8 NPT
								0.38 (9.7)	
								0.67 (17.0)	1/8 BSPP (G)
								0.38 (9.7)	
								0.38 (9.7)	1/8 NPT
								0.40 (10.2)	1/8 BSPP (G)
5.00 (127.0)	5.21 (132.3)	5.00 (127.0)	1.06 (26.9)	4.00 (101.6)	1.58 (40.1)	1.70 (43.2)	0.72 (18.3)	0.67 (17.0)	1/4 BSPP (G)
								0.43 (10.9)	1/4 NPT
								0.43 (10.9)	1/4 BSPP (G)
5.00 (127.0)	5.05 (128.3)	4.80 (121.9)	1.25 (31.8)	3.90 (99.1)	1.58 (40.1)	1.86 (47.2)	0.86 (21.8)	0.67 (17.0)	3/8 BSPP (G)
								0.43 (10.9)	3/8 NPT
								0.43 (10.9)	3/8 BSPP (G)
5.27 (133.9)	5.27 (133.9)	5.34 (135.6)	1.43 (36.3)	4.40 (111.8)	1.85 (47.0)	2.33 (59.2)	1.00 (25.4)	0.76 (19.3)	3/8 BSPP (G)
5.27 (133.9)	5.27 (133.9)	5.34 (135.6)	1.43 (36.3)	4.40 (111.8)	1.85 (47.0)	2.33 (59.2)	1.09 (27.7)	0.76 (19.3)	3/8 BSPP (G)
5.27 (133.9)	5.27 (133.9)	5.34 (135.6)	1.43 (36.3)	4.40 (111.8)	1.85 (47.0)	2.33 (59.2)	1.09 (27.7)	0.76 (19.3)	1/2 BSPP (G)

Dimensions: inch (mm)
Pressure Rating: psi (bar)

