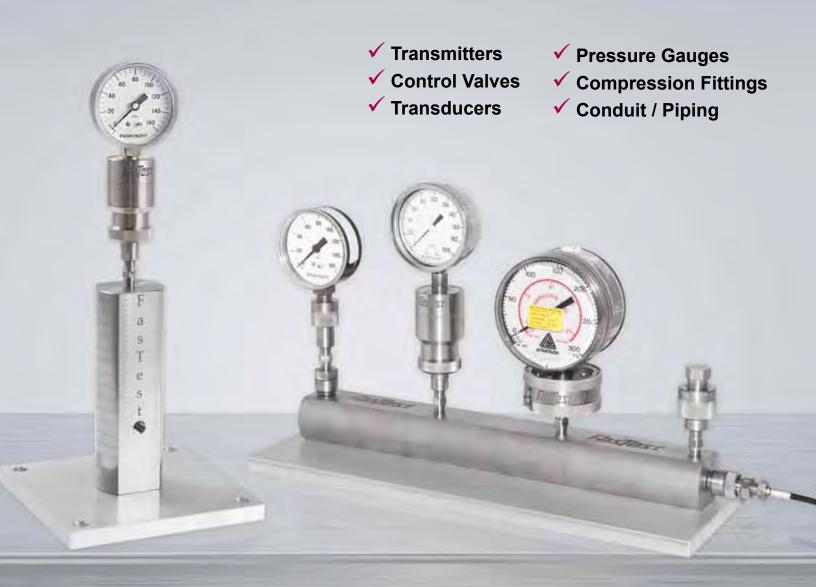




CALIBRATE 5 TIMES FASTER!



Calibration Connection Devices

No Thread Damage, Wrenches or Pipe Sealant

FasTest's complete line of calibration connection devices feature a patented pressure assisted grip and seal technology that provide leak tight connections, resulting in the highest level of accuracy in the fastest time possible. The ergonomically designed connectors improve productivity, product quality and user comfort.

Choose *FasTest* calibration connectors to eliminate sealants, thread damage and wrench tightening, and benefit from an improved calibration process and quality at reduced costs.



Connectors Designed for Calibration!

FasTest's calibration connectivity devices are specifically designed to meet the most frequent challenges or problems facing technicians that calibrate instruments such as transmitters, pressure gauges and transducers.



- Calibrate a large quantity of instruments in a short period of time
- Create leak tight connections to a variety of thread profiles
- Eliminate thread damage to instruments
- Minimize contamination to process media





Calibrate Lots of Instruments - Fast!

FasTest's "plug and play" modular connectors eliminate the traditional process of using tape sealant, wrenches and a bit of muscle to create leak tight connections. Comparisons of the **FasTest** way to traditional methods have shown at least a 5X efficiency improvement.

Connectors for the industries most common:

- Calibrators Valve Actuators Pressure Gauges Transducers Compression Fittings Pipe Threads
 - **YZIMATAKE Invensys®** *FOXBOR*









ROSEMOUNT



Connect to a Variety of Profiles - Fast!

Technicians are required to connect to a variety of transmitters, pressure gauges, transducers and other instruments for calibration or maintenance operations. This variety of instruments also comes with a variety of connection sizes as well as internal and external thread profiles.

FasTest transition connectors quickly solve this problem and provide fast connections to popular thread profiles.

- Assembled styles to transition from 1/8" or 1/4" male threads to 1/8", 1/4", 3/8" and 1/2" female threads
- Build your own transitions between the modular FasCal connection tools with hose assemblies and fittings



Safe, High Pressure Leak Tight Seals - Fast!

FasTest's patented pressure assisted grip and seal technology delivers repeatable, high pressure and safe leak tight connections. This results in the highest level of accuracy in the fastest time possible.

- Ergonomically designed connection tools reduce operator fatigue and potential injuries
- Pressure rated to 4000, 5000 and 10,000 psi





Eliminate Thread Damage and Contamination

Traditional methods of sealing require a combination of tape sealant, mating thread profiles and torque typically applied with wrenches. Each time a connection is taped and torqued to seal, wear or damage occurs to the mating threads. *FasTest's* grip and seal technology relies on the combination of pressure, seals and patented mechanical design to create leak tight connections.

- Eliminate tape and sealants that can contaminate process media and plug ports
- Minimize thread wear and damage
- Eliminate wrenches and torquing



- Calibration Products Selection Guide -

































FasCal - Lab Manifolds

One of the challenges faced in a calibration lab is making leak tight connections to a wide variety of fitting configurations quickly. In some labs the number of connections per day require productivity tools be used to meet calibration demands. To meet these challenges and demands the FasCal Manifold System has been developed. Utilizing Stainless Steel construction this system allows any FasCal connector to be mounted on the manifold quickly and without the use of tape or wrenches. Manifolds can be equipped with optional FasTest connectors to allow changing sizes or types of connectors efficiently without the use of sealants or wrenches. Optional accessories such as hoses and 1/8" NPT fittings are available to customize the solution for each lab.





Features

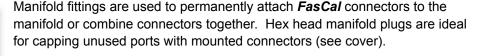
- Manifolds rated up to 10,000 PSI
- Compatible with FasCal connectors for male and female applications
- Utilizing FasCal connectors allows quick change of sizes or types without the use of tape or wrenches
- Additional manifolds can be daisy chained for high volume applications
- · Unused ports can be sealed off with FasCal TwistMate plugs

Part Number	Ports	Manifold Footprint	Term Thread	Rated PSI	Housing Material
FF020	2	6" x 6" x 6.5" (L x W x H)	1/8" NPT	10.000*	Stainless Steel
FF010	4	15.5" x 6" x 2" (L x W x H)	I/O NPI	10,000*	Stainless Steel

^{*}Individual connectors will determine maximum overall system pressure rating.

FasCal - Manifold Fittings and Plugs





Part Number	Style	Thread Size	Rating PSI
APN022	Fitting	1/8" NPT Male to 1/8" NPT Male	
APP02H		1/8" NPT Male	
APP06H		1/4" NPT Male	10,000
APP06H	Plug	3/8" NPT Male	
APP08H		1/2" NPT Male	



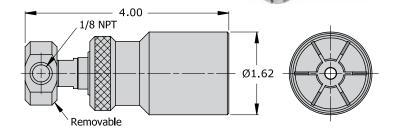


FasCal - Sleeve Actuated Connectors - HPB Series

FasTest sleeve actuated HPB connectors are the preferred method for fast, safe and repeatable connections to Swagelok®, Ferulok® or similar compression fittings as well as male NPT and "AN" 37° flare style male threads. Simply push on to fitting to connect; pull sleeve away from connection to release.

- · Safety feature will not allow disconnect under pressure
- Instant connections from vacuum to 5000 psi
- · No damage to threaded parts during calibration





For Compression Fittings

Part Number	Connects to	Rated PSI	Rated PSI Housing Material		Main Seals Package (5)	
HPB-CF04021	1/4" (7/16-20) Swagelok	5000			S1008-B70	
HPB-CF06021	3/8" (9/16-20) Swagelok	5000			S1011-B70	
HPB-CF08021	1/2" (3/4-20) Swagelok	5000	Ctainless Ctasl	Duna M	S1013-B70	
HPB-CF04021F	1/4" (7/16-20) Ferulok	5000	Stainless Steel	Buna N	S1008-B70	
HPB-CF06021F	3/8" (9/16-18) Ferulok	5000			S1011-B70	
HPB-CF08021F	1F 1/2" (3/4-16) Ferulok 5000			S1013-B70		

For NPT Male Threads

Part Number	Connects to	Rated PSI	Housing Material	Seal Material	Main Seals Package (5)
HPB-041021	1/4" NPT	5000			S1008-B70
HPB-061021	3/8" NPT	5000	Stainless Steel	Buna N	S1011-B70
HPB-081021	1/2" NPT	5000			S1013-B70

For "AN" 37° Flare Male Threads

Part Number	Connects to	Rated PSI	Housing Material	Seal Material	Main Seals Package (5)
HPB-049021	- 4 (7/16-20)	5000			S2070-0270B70
HPB-069021	- 6 (9/16-18)	5000	Stainless Steel	Buna N	S1012-B70
HPB-089021	- 8 (3/4-16)	5000			S1015-B70

Notes:

Optional seal materials available are FKM (Viton) and EPDM.

Examples: HPB-xxx021<u>V</u> = FKM

HPB-xxx021<u>E</u> = EPDM

F25C2 - Calibration Connection Devices



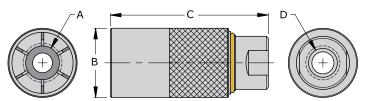
FasCal - Sleeve Actuated Connectors - 60 Series



FasTest sleeve actuated 60 Series connectors are ideal fast, safe and repeatable connections to a wide variety of thread used in process and manufacturing industries for filling, pressure and leak testing, and instrument calibration. Simply insert male threaded end into the connector and push the latching sleeve forward to complete the connection. Remove test pressure and pull back the latching sleeve to release the connection.

- Instant connections from vacuum to 750 psi
- Connect to 1/4" and 1/2" NPT, SAE 37° Flare "AN" and compression fittings
- No wrenches, sealants or thread damage
- · Rugged stainless steel housing





For Double Ferrule Compression Style Fittings - Swagelok®

Part Number	Connects to	Diameter	Length	Term. Thread	Rated	Housing	Seal	Main Seals
	Dim "A"	Dim "B"	Dim "C"	Dim "D"	PSI	Material	Material	Package (5)
60G-CF04	-4 (7/16-20)	0.99"	2.95"	1/8" NPT	750	Stainless Steel	Buna N	S1008-B70

For NPT Pipe Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Term. Thread Dim "D"	Rated PSI	Housing Material	Seal Material	Main Seals Package (5)
60G-1T02	1/8" NPT	0.99"	2.95"	1/8" NPT		Stainless Steel	Buna N	S1105-B70
60G-1T04021	1/4" NPT	1.19"	2.95"	1/8" NPT	750			S1109-B70
60G-1T08021	1/2" NPT	1.58"	3.15"	1/8" NPT				S1112-B70

For "AN" 37° Flare Male Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Term. Thread Dim "D"	Rated PSI	Housing Material	Seal Material	Main Seals Package (5)
60G-049	-4 (7/16-20)	0.99"	2.95"	1/8" NPT				S1010-B70
60G-069	-6 (9/16-18)	1.38"	3.15"	3/8" NPT	750	Stainless Steel	Buna N	S1012-B70
60G-089	-8 (3/4-16)	1.38"	3.15"	3/8" NPT				S1014-B70

Notes:

Additional sizes available for 60 Series connectors. Consult factory for details.

Optional seal materials available are FKM (Viton) and EPDM.

Examples: 60G-xxxV = FKM

60G-xxx**E** = EPDM

Fascal - Calibration Connection Devices

Connects to Internal Threads

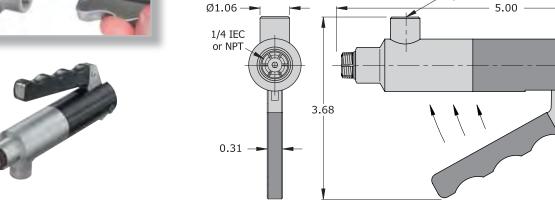


FasCal - Lever Actuated for 1/4" IEC Transmitter Ports and 1/4" NPT



FasTest lever actuated connectors are an ideal method for fast, safe and repeatable connections to all types of transmitters. Simply squeeze the lever and insert into 1/4" threaded port; release lever for an instant leak tight and high pressure connection.

- Compatible to 1/4" NPT and 1/4" (IEC 61518) 2.126 (54) process flange ports
- Instant connections to 5000 psi eliminates tape, sealants and wrenches
- No damage to threaded parts



Part Number	Part Number Connects to Rated PSI		Housing Material	Seal Material	Main Seals Package (5)	
L042021TM	1/4" NPT	5000	Stainless Steel	Buna N	SL042-B	

Notes:

Optional seal materials available are FKM (Viton) and EPDM. L042021TME = EPDM Examples: L042021TM<u>V</u> = FKM

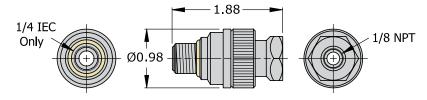
FasCal - "Twist to Connect" Connectors for 1/4" IEC Transmitter Ports



TwistMate's unique "twist to connect" and pressure assisted grip and seal delivers fast, safe and repeatable connections. The connector's internal swivel also allows easy installation while plumbed (connected) to a supply line. Simply twist the connector to finger tight for an instant leak tight and high pressure connection.

- Compatible to 1/4" (IEC 61518) 2.126 (54) process flange ports
- Instant connections to 5000 psi eliminates tape, sealants and wrenches
- No damage to threaded parts
- Durable stainless steel





Part Number	Connects to	Rated PSI	Housing Style	Seal Material	Repair Kit	Main Seals Package (5)
MIT-042021TM	21TM 1/4" IEC 5000 Swivel		Urethane	MITR-040	S1111-U70	

Notes:

Optional seal materials available are FKM (Viton) and EPDM. Examples: MIT-042021TMV = FKM MIT-042021TM<u>E</u> = EPDM

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Fascal - Calibration Connection Devices



FasCal - Vent Port Connector for Transmitter Bleed Ports



The FasTest VP Series connector is designed for insertion into a transmitter vent plug. The product is used by removing the vent bleed port plug and inserting and tightening the VP series calibration connector. The VP Series has a standard 1/8" NPT termination port that connects onto a FasCal hose assembly just like the other calibration connectors from FasTest for the ultimate plug and play flexibility.





Features

- Compatible with Rosemount, ABB, Invensys, Endress+Hauser, Yokogawa and transmitters with a 5/16" vent plug
- Produced from heat treated 416 Stainless Steel host material
- Compatible with FasCal hose assembly and other calibration devices



Vent Port Calibration Adapter

Part Number	Connects to	Termination Thread	Rated PSI	Housing Material	
VP51624021	5/16" vent plug	1/8" NPT	5000	Stainless Steel	



CalMate flange connectors provide quick, temporary connections for calibrating gauges or transmitters equipped with sanitary diaphragms. For applications in process or on the bench in the lab, the connector enables devices to be connected in a fraction of the time compared to cumbersome swinging tri-clamp configurations.

When used with the *FasCal* hose solution, connectors can be changed for units of different sizes without the use of tape or sealants and no wrenches.



SA050

Applications / Configurations



Gauges

Gauge calibration often is one of the most time consuming tasks faced by a metrology group. The time required to achieve leak tight connections can be reduced when a *CalMate* connector is used, improving metrologist's productivity. Whether the task is in process in a cramped pharmaceutical suite or on a bench in a lab, the connection will be made in seconds.



Manifolds

The *CalMate* can be mounted on the *FasCal* FF010 manifold. For use in lab environments, the manifold provides a solid platform capable of supporting multiple gauges or transmitters for calibrating up to four gauges at once. Manifolds can be equipped with optional *FasTest* connectors to allow changing sizes or types of connectors efficiently without the use of sealants or wrenches.



Transmitters

Calibration connections to sanitary diaphragms on transmitters in the past has been difficult. A swinging tri-clamp configuration is cumbersome to close and lock and in tight quarters difficult to apply. The *CalMate*'s click and twist motion quickly locks the connector onto transmitters diaphragm, even in cramped quarters.



Connectorization

Quick Change Hose Assembly

As a component of a family of products, the *CalMate* is compatible with the *FasCal* hose assembly. The hose equipped with *FasTest* connectors attaches to the *CalMate* without the use of wrenches or sealant. Eliminating the use of sealant reduces the possibility of sealant plugging an instrument port. Changing from one size or style of connector to another is completed in a few seconds. The small diameter of the hose minimizes nitrogen usage or if a hand pump is being used, operator fatigue.

CalMate pictured with:

Hose assembly: HP022X036 Quick connectors: MIT-022021



Operational Instructions



Step 1: Retract Collar
Slide collar to open position.
This opens the connector locking assembly.



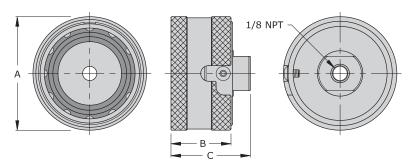
Step 2: Insert Diaphragm & Extend Place the diaphragm of the gauge or transmitter into the connector. Extend collar to the locked position.



Step 3: Twist to Secure

Rotate the collar to secure the connector to the diaphragm. This rotation compresses the diaphragm against the provided gasket and creates a leak tight seal. The rotation allows the connector to adjust for variations in diaphragm flange or gasket thicknesses.

Technical Drawing



Part Number	Connects To	Diameter Dim "A"	Sleeve Length Dim "B"	Length Dim "C"	Rated PSI	Housing Material	Seal Material	Main Seals Package (5)
SA050	1/2" or 3/4"	1.560"	1.200"	1.580"			Neoprene	SAGB075B
SA100	1" or 1-1/2"	2.500"	1.320"	1.750"	300	Stainless Steel		SAGB150B
SA200	2"	3.100"	1.370"	1.800"				SAGB200B



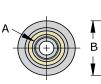
FasCal - "Twist to Connect" Connectors for Female Threads

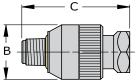


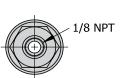
TwistMate's unique "twist to connect" and pressure assisted grip and seal delivers fast, safe and repeatable threaded connections. Simply twist the connector to finger tight for an instant leak tight and high pressure connection.

- Compatible to NPT, BSPP, BSPT and SAE threads
- Plug versions are also available to quickly seal a threaded port
- Instant connections to 4000 or 5000 psi eliminates tape, sealants and wrenches
- Swivel style allows easy installation while connected to a supply line
- No damage to threaded parts
- Durable stainless steel









Swivel Style for NPT Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MIT-022021	1/8" NPT	0.82"	1.68"	5000			MITR-020	S1109-U70
MIT-042021	1/4" NPT	1.00"	1.88"	5000	Swivel	Urethane	MITR-040	S1111-U70
MIT-062021	3/8" NPT	1.18"	2.09"	4000	Swivei	MITR-060 MITR-080	MITR-060	S1113-U70
MIT-082021	1/2" NPT	1.36"	2.57"	4000			MITR-080	S1209-U70

Swivel Style for BSPP Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MIT-026021	1/8" BSPP	0.82"	1.68"	5000			MITR-020	S1109-U70
MIT-046021	1/4" BSPP	1.00"	1.88"	5000	Swivel	Urethane	MITR-040	S1111-U70
MIT-066021	3/8" BSPP	1.18"	2.09"	4000	SWIVE	Oremane	MITR-060	S1113-U70
MIT-086021	1/2" BSPP	1.36"	2.57"	4000			MITR-080	S1209-U70

Swivel Style for BSPT Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MIT-026T021	1/8" BSPT	0.82"	1.68"	5000			MITR-020	S1109-U70
MIT-046T021	1/4" BSPT	1.00"	1.88"	5000	Cuival	Llasthana	MITR-040	S1111-U70
MIT-066T021	3/8" BSPT	1.18"	2.09"	4000	Swivel	Urethane	MITR-060	S1113-U70
MIT-086T021	1/2" BSPT	1.36"	2.57"	4000			MITR-080	S1209-U70

Notes:

Optional seal materials available are FKM (Viton) and EPDM.

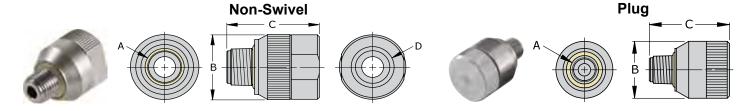
Examples: MIT-022021<u>V</u> = FKM

MIT-022021<u>E</u> = EPDM





FasCal - "Twist to Connect" Connectors for Female Threads



Connects to Internal Threads

Non-Swivel Style for Female NPT and SAE O-Ring Boss

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Term Thd Dim "D"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MIT-022021X	1/8" NPT	0.82"	1.24"	1/8" NPT	5000			MITR-02	S1109-U70
MIT-044021X	-4 (7/16-20)	0.82"	1.29"	1/8" NPT	5000			IVII I K-UZ	31109-070
MIT-064041X	-6 (9/16-18)	1.00"	1.41"	1/4" NPT	5000			MITR-04	S1111-U70
MIT-084081X	-8 (3/4-16)	1.36"	1.85"	1/2" NPT	4000	Non	Lirothana	MITR-08	S1209-U70
MIT-104081X	-10 (7/8-14)	1.36"	1.85"	1/2" NPT	4000	Swivel	Urethane	IVII I K-UO	S1209-U70
MIT-124121X	-12 (1 1/16-12)	1.68"	1.94"	3/4" NPT	4000			MITR-12	S1213-U70
MIT-144161X	-14 (1 3/16-12)	2.00"	2.13"	1" NPT	4000			MITR-16	S1216-U70
MIT-164161X	-16 (1 5/16-12)	2.00"	2.13"	1" NPT	4000			IVIII IK-10	S1217-U70

Plug Style for NPT Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MIT-022P	1/8" NPT	0.81"	1.24"	5000			MITR-02	S1109-U70
MIT-042P	1/4" NPT	1.00"	1.41"	5000	Dlug	Urothono	MITR-04	S1111-U70
MIT-062P	3/8" NPT	1.18"	1.49"	4000	Plug		MITR-06	S1113-U70
MIT-082P	1/2" NPT	1.36"	1.85"	4000			MITR-08	S1209-U70

Plug Style for BSPP Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)	
MIT-026P	1/8" BSPP	0.81"	1.24"	5000				MITR-02	S1109-U70
MIT-046P	1/4" BSPP	1.00"	1.41"	5000	Dlug	Urothono	MITR-04	S1111-U70	
MIT-066P	3/8" BSPP	1.18"	1.49"	4000	Plug	Urethane	MITR-06	S1113-U70	
MIT-086P	1/2" BSPP	1.36"	1.85"	4000			MITR-08	S1209-U70	

Plug Style for BSPT Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MIT-026TP	1/8" BSPT	0.81"	1.24"	5000			MITR-02	S1109-U70
MIT-046TP	1/4" BSPT	1.00"	1.41"	5000	Dive	Llucthono	MITR-04	S1111-U70
MIT-066TP	3/8" BSPT	1.18"	1.49"	4000	Plug	Urethane	MITR-06	S1113-U70
MIT-086TP	1/2" BSPT	1.36"	1.85"	4000			MITR-08	S1209-U70

Notes:

Optional seal materials available are FKM (Viton) and EPDM.

Examples: MIT-044021X<u>V</u> = FKM MIT-022PV = FKM

MIT-044021XE = EPDM

MIT-022P<u>E</u> = EPDM





FasCal - "Twist to Connect" Connectors for Male Threads



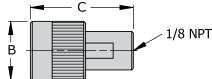
TwistMate's unique "twist to connect" and pressure assisted grip and seal delivers fast, safe and repeatable threaded connections. Simply twist the connector to finger tight for an instant leak tight and high pressure connection.

- Compatible to NPT, BSPP, BSPT and SAE threads
- Instant connections to 4000 or 5000 psi eliminates tape, sealants and wrenches
- Internal swivel allows easy installation while connected to a supply line
- No damage to threaded parts
- Durable stainless steel

Connects to Internal Threads







Swivel Style for NPT Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-021021	1/8" NPT	0.80"	1.62"	5000		Urethane	METR-02	S1105-U70
MET-041021	1/4" NPT	0.93"	1.63"	5000	Swivel		METR-04	S1108-U70
MET-061021	3/8" NPT	1.20"	1.31"	4000	Swivei		METR-06	S1110-U70
MET-081021	1/2" NPT	1.36"	1.46"	4000			METR-08	S1112-U70

Swivel Style for SAE 37° Flare - "AN" Type

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-049021	-4 (7/16-20)	0.80"	1.62"	5000		Urethane	METR-049	S2070-0270B70
MET-069021	-6 (9/16-18)	0.93"	1.63"	5000	Swivel		METR-06	S1012-B70
MET-089021	-8 (3/4-16)	1.20"	1.31"	4000			METR-08	S1015-B70

Swivel Style for BSPP Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-025021	1/8" BSPP	0.80"	1.62"	5000		Urethane	METR-02	S1105-U70
MET-045021	1/4" BSPP	0.93"	1.63"	5000	Swivel		METR-04	S1108-U70
MET-065021	3/8" BSPP	1.20"	1.31"	4000	Swivei		METR-06	S1110-U70
MET-085021	1/2" BSPP	1.36"	1.46"	4000			METR-08	S1112-U70

Swivel Style for BSPT Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-025T021	1/8" BSPT	0.80"	1.62"	5000			METR-02	S1105-U70
MET-045T021	1/4" BSPT	0.93"	1.63"	5000	Control	Llasthone	METR-04	S1108-U70
MET-065T021	3/8" BSPT	1.20"	1.31"	4000	Swivel	Urethane	METR-06	S1110-U70
MET-085T021	1/2" BSPT	1.36"	1.46"	4000			METR-08	S1112-U70

Notes:

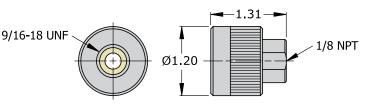
Optional seal materials available are FKM (Viton) and EPDM. Examples: MET-041021<u>V</u> = FKM MET-041021<u>E</u> = EPDM



FasCal - "Twist to Connect" Connectors for Male Threads



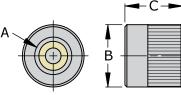




Swivel Style for MIL Spec 18997 Threads

Part Number	Connects to	Rated PSI	Housing Style	Seal Material	Repair Kit	Main Seals Package (5)
MET-06-18997-021	9/16-18 MIL Spec 18997	4000	Swivel	Urethane	METR-06	S1109-U70





Cap Style for NPT Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-021C	1/8" NPT	0.80"	0.83"	5000			METR-02	S1105-U70
MET-041C	1/4" NPT	0.93"	0.88"	5000	Con	Lirothono	METR-04	S1108-U70
MET-061C	3/8" NPT	1.20"	0.90"	4000	Сар	Urethane	METR-06	S1110-U70
MET-081C	1/2" NPT	1.36"	0.97"	4000			METR-08	S1112-U70

Cap Style for BSPP Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-025C	1/8" BSPP	0.80"	0.83"	5000			METR-02	S1105-U70
MET-045C	1/4" BSPP	0.93"	0.88"	5000	Can	Urethane	METR-04	S1108-U70
MET-065C	3/8" BSPP	1.20"	0.90"	4000	Сар	Urethane	METR-06	S1110-U70
MET-085C	1/2" BSPP	1.36"	0.97"	4000			METR-08	S1112-U70

Cap Style for BSPT Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-025TC	1/8" BSPT	0.80"	0.83"	5000			METR-02	S1105-U70
MET-045TC	1/4" BSPT	0.93"	0.88"	5000	Con	Urethane	METR-04	S1108-U70
MET-065TC	3/8" BSPT	1.20"	0.90"	4000	Сар	Oremane	METR-06	S1110-U70
MET-085TC	1/2" BSPT	1.36"	0.97"	4000]		METR-08	S1112-U70

Notes:

Optional seal materials available are FKM (Viton) and EPDM. Examples: MET-021C<u>V</u> = FKM MET-021C<u>E</u> = EPDM



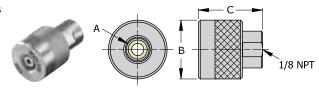


FasCal - "Twist to Connect" Connectors for Compression Fittings



TwistMate's unique "twist to connect" and pressure assisted grip and seal delivers fast, safe and repeatable connections to Swagelok®, Ferulok® or similar style compression fittings. The connector's internal swivel allows easy installation while plumbed (connected) to a supply line. Simply twist the connector to finger tight for an instant leak tight and high pressure connection.

- Compatible to 1/4", 3/8" and 1/2" Swagelok and Ferulok style compression fittings
- Instant connections to 4000 or 5000 psi eliminates tape, sealants and wrenches
- · No damage to threaded parts
- Durable stainless steel

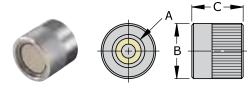


Double Ferrule Compression Fittings - Swivel Style for Swagelok and Similar Profiles

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-CF04021	1/4" (7/16-20)	0.95"	1.63"	5000			METR-049	S1008-B70
MET-CF06021	3/8" (9/16-20)	1.20"	1.31"	4000	Swivel	Urethane	METR-06	S1011-B70
MET-CF08021	1/2" (3/4-20)	1.38"	1.46"	4000			METR-08	S1013-B70

Single Ferrule Compression Fittings - Swivel Style for Ferulok and Similar Profiles

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-CF04021F	1/4" (7/16-20)	0.95"	1.63"	5000			METR-049	S1008-B70
MET-CF06021F	3/8" (9/16-18)	1.20"	1.31"	4000	Swivel	Urethane	METR-06	S1011-B70
MET-CF08021F	1/2" (3/4-16)	1.38"	1.46"	4000			METR-08	S1013-B70



Double Ferrule Compression Fittings - Cap Style for Swagelok and Similar Profiles

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-CF04C	1/4" (7/16-20)	0.95"	0.88"	5000				S1008-B70
MET-CF06C	3/8" (9/16-20)	1.20"	0.90"	4000	Сар	Urethane	N/A	S1011-B70
MET-CF08C	1/2" (3/4-20)	1.38"	0.97"	4000				S1013-B70

Single Ferrule Compression Swivel Style Fittings - Ferulok and Similar Profiles

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-CF04CF	1/4" (7/16-20)	0.95"	0.88"	5000				S1008-B70
MET-CF06CF	3/8" (9/16-18)	1.20"	0.90"	4000	Сар	Urethane	N/A	S1011-B70
MET-CF08CF	1/2" (3/4-16)	1.38"	0.97"	4000				S1013-B70

Notes:



Higher Pressure Connection Devices



FasCal - "Twist to Connect" TwistMate® Technology



Traditional methods of sealing require a combination of tape sealant, mating thread profiles and torque typically applied with wrenches. Each time a connection is taped and torqued to seal, wear or damage occurs to the mating threads.

TwistMate's unique "twist to connect" and pressure assisted grip and seal delivers fast, safe and repeatable threaded connections. Simply twist the connector to finger tight for an instant leak tight and high pressure connection.

- Compatible to male and female NPT, 37° Flare/AN standard and SAE O-Ring threads
- Instant connections from vacuum to 10,000 psi eliminate tape, sealant and wrenches
- · No damage to threaded parts
- · Minimize contamination to process media
- · Durable stainless steel

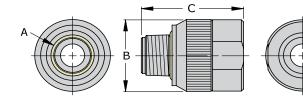




FasCal - "Twist to Connect" Connectors for Female Threads

- Connects to Internal Threads





Higher Pressure Connectors for NPT Female Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Term Thd Dim "D"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MITH-022021X	1/8" NPT	0.82"	1.24"	1/8" NPT	10,000			MITR-02	S1109-U70
MITH-042041X	1/4" NPT	1.00"	1.41"	1/4" NPT	10,000			MITR-04	S1111-U70
MITH-062061X	3/8" NPT	1.18"	1.48"	3/8" NPT	10,000	Non		MITR-06	S1113-U70
MITH-082081X	1/2" NPT	1.36"	1.85"	1/2" NPT	8000	Swivel	Urethane	MITR-08	S1209-U70
MITH-122121X	3/4" NPT	1.68"	1.94"	3/4" NPT	7500			MITR-12	S1213-U70
MITH-162161X	1" NPT	2.00"	2.07"	1" NPT	6500			MITR-16	S1216-U70

Higher Pressure Connectors for Female SAE O-Ring Boss

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Term Thd Dim "D"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)	
MITH-044021X	-4 (7/16-20)	0.82"	1.29"	1/8" NPT	10,000			MITR-02	S1109-U70	
MITH-064041X	-6 (9/16-18)	1.00"	1.41"	1/4" NPT	10,000			MITR-04	S1111-U70	
MITH-084081X	-8 (3/4-16)	1.36"	1.85"	1/2" NPT	8000		Urethane		MITR-08	S1209-U70
MITH-104081X	-10 (7/8-14)	1.36"	1.85"	1/2" NPT	7500	Non Swivel		IVII I K-UO	S1209-U70	
MITH-124121X	-12 (1 1/16-12)	1.68"	1.94"	3/4" NPT	7500			MITR-12	S1213-U70	
MITH-144161X	-14 (1 3/16-12)	2.00"	2.13"	1" NPT	7000			MITR-16	S1216-U70	
MITH-164161X	-16 (1 5/16-12)	2.00"	2.13"	1" NPT	7000			IVIIIR-16	S1217-U70	

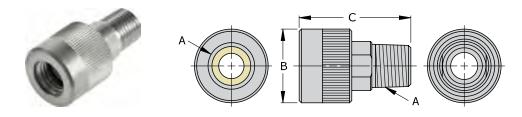
For Skydrol hydraulic fluid use, specify EPR seal material - "E".

Example: Connector - MITH-042041XE Seal Set - S1111-<u>E</u>70



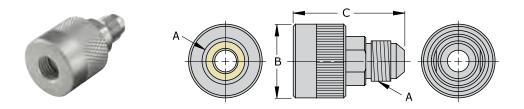


FasCal - "Twist to Connect" Connectors for Male Threads



Higher Pressure Connectors for NPT Male Threads

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
METH-021022	1/8" NPT	0.82"	1.51"	10,000			METR-02	S1105-U70
METH-041042	1/4" NPT	0.94"	1.74"	8000			METR-04	S1108-U70
METH-061062	3/8" NPT	1.18"	1.78"	8000	Swivel	Urethane	METR-06	S1110-U70
METH-081082	1/2" NPT	1.60"	2.05"	6000	Swivei	Oremane	METR-08	S1112-U70
METH-121122	3/4" NPT	1.68"	2.34"	5000			METR-12	S1115-U70
METH-161162	1" NPT	2.00"	2.74"	5000			METR-16	S1212-U70



Higher Pressure Connectors for Male 37° Flare - AN Standard

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Rated PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
METH-049040	-4 (7/16-20)	0.95"	1.76"	10,000			METR-049	S2070-0270B70
METH-069060	-6 (9/16-18)	1.20"	1.83"	10,000			METR-06	S1012-B70
METH-089080	-8 (3/4-16)	1.38"	2.00"	10,000	Swivel	Buna N	METD 00	S1015-B70
METH-109100	-10 (7/8-14)	1.51"	2.35"	10,000			METR-08	S1016-B70
METH-129120	-12 (1 1/16-12)	1.70"	2.52"	10,000			METR-12	S1018-B70

For Skydrol hydraulic fluid use, specify EPR seal material - "E".

Seal Set - S2070-0270<u>E</u>70 Example: Connector - METH-049040€

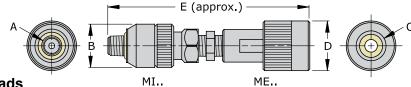
Connects to Internal Threads

FasCal - "Twist to Connect" - Transition Connectors



TwistMate's modular stainless steel design is ideal for combining to transition from one thread profile to another to deliver the same features found with individual connectors. Save more time with assembled transition connectors from *FasTest* when instrument calibration time is critical.

- For 1/8" male to 1/8", 1/4", 3/8" and 1/2" female NPT, BSPP and BSPT threads
- Instant connections to 4000 or 5000 psi eliminates tape, sealants and wrenches
- Internal swivel allows easy installation while connected to a supply line



Transition Connectors for NPT Threads

Part Number	Connects to Dim "A"	Dia. Dim "B"	Connects to Dim "C"	Dia. Dim "D"	Length Dim "E"	Rated PSI	Housing Style	Seal Material	MI Main Seals Package (5)	ME Main Seals Package (5)
MI022-ME021			1/8" NPT	0.80"	3.74"	5000				S1105-U70
MI022-ME041	1/8" NPT	0.81"	1/4" NPT	0.93"	3.78"	5000	Swivel	Urethane	S1109-U70	S1108-U70
MI022-ME061	1/0 INF1	0.01	3/8" NPT	1.20"	3.46"	4000	Swivei			S1110-U70
MI022-ME081			1/2" NPT	1.36"	3.61"	4000				S1112-U70
MI042-ME021			1/8" NPT	0.80"	3.95"	5000				S1105-U70
MI042-ME041	1/4" NDT	1 00"	1/4" NPT	0.93"	3.97"	5000	Swivel	Urethane	S1111-U70	S1108-U70
MI042-ME061	1/4" NPT	PT 1.00"	3/8" NPT	1.20"	3.65"	4000	Swivei	Orecilane	31111-070	S1110-U70
MI042-ME081				1/2" NPT	1.36"	3.80"	4000			

Transition Connectors for BSPP Threads

Part Number	Connects to Dim "A"	Dia. Dim "B"	Connects to Dim "C"	Dia. Dim "D"	Length Dim "E"	Rated PSI	Housing Style	Seal Material	MI Main Seals Package (5)	ME Main Seals Package (5)
MI026-ME025			1/8" BSPP	0.80"	3.74"	5000		Urethane	S1109-U70	S1105-U70
MI026-ME045	1/8" BSPP	0.81"	1/4" BSPP	0.93"	3.78"	5000	Swivel			S1108-U70
MI026-ME065		0.61	3/8" BSPP	1.20"	3.46"	4000	Swivei			S1110-U70
MI026-ME085			1/2" BSPP	1.36"	3.61"	4000				S1112-U70
MI046-ME025			1/8" BSPP	0.80"	3.95"	5000				S1105-U70
MI046-ME045	1/4" BSPP	1.00"	1/4" BSPP	0.93"	3.97"	5000	Swivel	Urethane	S1111-U70	S1108-U70
MI046-ME065		PP 1.00	3/8" BSPP	1.20"	3.65"	4000	Swivei	ei Torethane	51111-070	S1110-U70
MI046-ME085				1/2" BSPP	1.36"	3.80"	4000			

Transition Connectors for BSPT Threads

Part Number	Connects to Dim "A"	Dia. Dim "B"	Connects to Dim "C"	Dia. Dim "D"	Length Dim "E"	Rated PSI	Housing Style	Seal Material	MI Main Seals Package (5)	ME Main Seals Package (5)
MI026T-ME025T			1/8" BSPT	0.80"	3.74"	5000		Urethane	S1109-U70	S1105-U70
MI026T-ME045T	1/0" DODT	0.81"	1/4" BSPT	0.93"	3.78"	5000	Swivel			S1108-U70
MI026T-ME065T	1/8" BSPT	0.61	3/8" BSPT	1.20"	3.46"	4000				S1110-U70
MI026T-ME085T			1/2" BSPT	1.36"	3.61"	4000				S1112-U70
MI046T-ME025T			1/8" BSPT	0.80"	3.95"	5000		Linetherne		S1105-U70
MI046T-ME045T	1/4" BSPT	1.00"	1/4" BSPT	0.93"	3.97"	5000	Swivel		04444 1170	S1108-U70
MI046T-ME065T	1/4 B5P1	1.00	3/8" BSPT	1.20"	3.65"	4000	Urethane	S1111-U70	S1110-U70	
MI046T-ME085T			1/2" BSPT	1.36"	3.80"	4000				S1112-U70

Fascal - Calibration Connection Devices

Connects to Internal Threads



FasCal - "Twist to Connect" - Flow Bench Step Tree Connectors

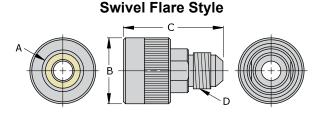


In many flow laboratories, calibrations have to be made on transmitters with different sized AN fittings. Making leak tight connections to all of these different sizes can be a challenging task. The TwistMate AN Step connectors are specifically designed to provide leak tight connections on Flow Calibration Benches without the use of tape or wrenches.

The AN Step connectors allow connection to a flow source with a male AN fitting of the required sizes from AN 6 up to AN 32. To step down to the appropriate AN female flow tube connector, AN reducer or step down connectors are available to match up with the application.

- Stainless steel styles provide incremental steps from AN 32 down to AN 4
- Instant connections eliminate tape, sealants and wrenches
- Reduces potential of damaging expensive tube style flow transmitters
- · Field replaceable seals available in various materials





Bench Step Connectors for SAE 37º Flare - "AN" Standard (per SAE J514 or ISO 12151-5)

Part Number	Connects to Dim "A"	Diameter Dim "B"	Length Dim "C"	Term Thread Dim "D"	Rating PSI	Housing Style	Seal Material	Repair Kits	Main Seals Package (5)
MET-069040	-6 (9/16-18)	1.20"	1.82"	-4 (7/16-20)	5000			METR-06	S1012-B70
MET-089060	-8 (3/4-16)	1.38"	1.90"	-6 (9/16-18)	4000			METR-08	S1015-B70
MET-109080	-10 (7/8-14)	1.51"	2.25"	-8 (3/4-16)	4000			IVIE I K-U8	S1016-B70
MET-129100	-12 (1 1/16-12)	1.70"	2.52"	-10 (7/8-14)	4000	Swivel	Buna N	METR-12	S1018-B70
MET-169120	-16 (1 5/16-12)	1.99"	2.70"	-12 (1 1/16-12)	1000	Swivei	Dulla IN	METR-16	S1120-B70
MET-209160	-20 (1 5/8-12)	2.37"	3.21"	-16 (1 5/16-12)	1000			METR-20	S1124-B70
MET-249200	-24 (1 7/8-12)	2.50"	3.38"	-20 (1 5/8-12)	750			METR-24	S1129-B70
MET-329240	-32 (2 1/2-12)	3.25"	3.49"	-24 (1 7/8-12)	750			METR-329	S1227-B70

Notes:

Optional seal materials available are FKM (Viton) and EPDM. Examples: MET-069040**∨** = FKM MET-069040E = EPDM



FasCal Accessories - Hose Assemblies



Hose shown with optional TwistMate connectors

FasTest high pressure hose assemblies are ideal for fast, modular connections in small hard to reach places where instrument calibration is necessary.

- 1/8" male to 1/8" male NPT threads mate to any FasCal connector
- Available in convenient 18, 36 and 72" lengths
- Pressure rated to 10,000 psi

Part Number	Hose Length	Rating PSI	Hose Material	Connector Material
HP022X18	18 Inches			
HP022X36	36 Inches	10,000	Polyamide/Aramid	Stainless Steel
HP022X72	72 Inches			

Note: For assembled configurations with 1/8" NPT male connectors, consult factory.

FasCal - Basic Calibration Kits



The FasCal Basic Calibration Kit includes basic connectors needed to instantly improve your calibration throughput of transmitters, control valves and pressure sensing instruments and is ideal for every service vehicle in your fleet.

Custom kit configurations available - consult factory

Basic Calibration Kit - FSC01

	Part Number	Description	Specifications	Main Seals Package (5)
ads	MIT-022021	1/8" Male NPT Swivel Connector		S1109-U70
e Threads	MIT-042021	1/4" Male NPT Swivel Connector	Page 7	S1111-U70
Female	MIT-082021	1/2" Male NPT Swivel Connector		S1209-U70
For	MIT-042021TM	1/4" Male NPT Swivel Connector for IEC Transmitter Ports	Page 6	S1111-U70
Threads	MET-021021	1/8" Female NPT Swivel Connector		S1105-U70
	MET-041021	1/4" Female NPT Swivel Connector	Page 9	S1108-U70
For Male	MET-081021	1/2" Female NPT Swivel Connector		S1112-U70
Access.	FCC01	Plastic Tote Case		
Acc	STR012	Seal Service Tool		



FasCal - Basic Calibration Kits

Basic Calibration Kit, BSPP Threads - FSC01-BSPP

	Part Number	Description	Specifications	Main Seals Package (5)
ads	MIT-026021	1/8" Male BSPP Swivel Connector		S1109-U70
e Threads	MIT-046021	1/4" Male BSPP Swivel Connector	Page 7	S1111-U70
Female	MIT-086021	1/2" Male BSPP Swivel Connector		S1209-U70
For	MIT-042021TM	1/4" Male NPT Swivel Connector for IEC Transmitter Ports	Page 6	S1111-U70
Threads	MET-025021	1/8" Female BSPP Swivel Connector		S1105-U70
Male Th	MET-045021	1/4" Female BSPP Swivel Connector	Page 9	S1108-U70
For M	MET-085021	1/2" Female BSPP Swivel Connector		S1112-U70
Access.	FCC01	Plastic Tote Case		
Acc	STR012	Seal Service Tool		

Basic Calibration Kit, BSPT Threads - FSC01-BSPT

	Part Number	Description	Specifications	Main Seals Package (5)
spr	MIT-026T021	1/8" Male BSPT Swivel Connector		S1109-U70
e Threads	MIT-046T021	1/4" Male BSPT Swivel Connector	Page 7	S1111-U70
For Female	MIT-086T021	1/2" Male BSPT Swivel Connector		S1209-U70
	MIT-042021TM	1/4" Male NPT Swivel Connector for IEC Transmitter Ports	Page 6	S1111-U70
Threads	MET-025T021	1/8" Female BSPT Swivel Connector		S1105-U70
	MET-045T021	1/4" Female BSPT Swivel Connector	Page 9	S1108-U70
For Male	MET-085T021	1/2" Female BSPT Swivel Connector		S1112-U70
Access.	FCC01	Plastic Tote Case		
Acc	STR012	Seal Service Tool		





FasCal - Gauge Calibration Kit



The FasCal 5000 psi Gauge Calibration Kit includes all of the essential metrology lab items for higher pressure calibration needs often found in the military and aerospace industries. This collection of connectors and manifold are ideal for high volume efficient calibration of transmitters, gauges, control valves and pressure sensing instruments. Custom kit configurations available - consult factory

5000 psi Calibration Kit - FSC-02G

	5000 psi Calibration Kit - F3C-02G						
	Part Number	Description	Specifications				
Manifold	FF010	Calibration Manifold 10,000 psi 4 port	Page 5				
	HPB-041021	1/4" NPT Sleeve Actuated Connector	Page 6				
<u> </u>	HPB-081021	1/2" NPT Sleeve Actuated Connector	rage o				
For Male Threads	MET-021021	1/8" Female NPT Swivel Connector					
le T	MET-061021	3/8" Female NPT Swivel Connector	Dogo 14				
or Mg	MET-049021	-4 (7/16-20) - #4 AN Female Swivel Connector	Page 14				
<u>.</u>	MET-069021	-6 (9/16-18) - #6 AN Female Swivel Connector					
	MET-06-18997-021	9/16"-18 (Mil Spec 18997) Female Swivel Connector	Page 15				
ıreads	MIT-022021	1/8" Male NPT Swivel Connector (2 pieces)	Page 12				
For Female Threads	MIT-022021X	1/8" Male NPT Non Swivel Connector (7 pieces)	Page 13				
For Fe	MIT-022P	1/8" Male NPT Plug (2 pieces)	rage 13				
	APN022	1/8" Male NPT to 1/8" Male NPT Fitting (7 pieces)					
	APP02H	1/8" NPT Male Hex Plug					
	APP04H	1/4" NPT Male Hex Plug (2 pieces)	Page 5				
ries	АРР06Н	3/8" NPT Male Hex Plug					
Accessories	APP08H	1/2" NPT Male Hex Plug					
Acc	HP022X036	1/8" Male NPT to 1/8" Male NPT 36" Hose Assembly	Page 22				
	FCC02	Plastic Cabinet Case					
	STR012	Seal Service Tool					
	FDC3	Seal Lubrication					

	Part Number
Ń	S1105-U70
Sets	S1008-B70
Sea	S1110-U70
ent	S1109-U70
eplacement Seal	S1112-B70
epla	S1012-B70
œ	S2070-0270B70





FasCal - Master Lab Calibration Kits



The FasCal Master Lab Calibration Kit includes practically every connector needed for your calibration shop or service vehicle needs. The popular sleeve and lever actuated connectors combined with the "twist to connect" family of transition connectors are ideal for high volume efficient calibration of transmitters, gauges, control valves and pressure sensing instruments. Custom kit configurations available - consult factory

Master Lab Calibration Kit. NPT Threads - FSC02

	Master Lab Calibration Kit, NPT Threads - FSC02						
	Part Number	Description	Specifications				
	HPB-CF04021	1/4" (7/16-20) Sleeve Actuated Connector for Swagelok	Page 6				
For Compression	MET-CF04021	1/4" (7/16-20) Connector for Swagelok					
	MET-CF06021	3/8" (9/16-20) Connector for Swagelok	Page 16				
	MET-CF08021	1/2" (3/4-20) Connector for Swagelok					
ပိ	MET-CF04C	1/4" (7/16-20) Cap for Swagelok	Page 16				
P.	MET-CF06C	3/8" (9/16-20) Cap for Swagelok					
	MET-CF08C	1/2" (3/4-20) Cap for Swagelok					
<u>n</u>	L042021TM	1/4" Male NPT Lever Actuated Connector	Dage 9				
"	MIT-042021TM	1/4" Male NPT Swivel Connector	Page 8				
	MET-021021	1/8" Female NPT Swivel Connector					
ဟ	MET-041021	1/4" Female NPT Swivel Connector	Dogo 14				
For Male Threads	MET-061021	3/8" Female NPT Swivel Connector	Page 14				
녙	MET-081021	1/2" Female NPT Swivel Connector					
lale	MET-021C	1/8" Female NPT Cap					
P	MET-041C	1/4" Female NPT Cap	Desc. 45				
"	MET-061C	3/8" Female NPT Cap	Page 15				
	MET-081C	1/2" Female NPT Cap					
	MIT-022021	1/8" Male NPT Swivel Connector					
ş	MIT-042021	1/4" Male NPT Swivel Connector	Dogo 12				
For Female Threads	MIT-062021	3/8" Male NPT Swivel Connector	Page 12				
e i	MIT-082021	1/2" Male NPT Swivel Connector					
mal	MIT-022P	1/8" Male NPT Plug					
F	MIT-042P	1/4" Male NPT Plug	Dogo 12				
운	MIT-062P	3/8" Male NPT Plug	Page 13				
	MIT-082P	1/2" Male NPT Plug					
a a	MI022-ME021	1/8" Male NPT to 1/8" Female NPT Swivel Connector					
Male / Female	MI022-ME041	1/8" Male NPT to 1/4" Female NPT Swivel Connector					
/ Fe	MI022-ME061	1/8" Male NPT to 3/8" Female NPT Swivel Connector					
ale	MI022-ME081	1/8" Male NPT to 1/2" Female NPT Swivel Connector	Page 20				
-	MI042-ME021	1/4" Male NPT to 1/8" Female NPT Swivel Connector	Page 20				
ters	MI042-ME041	1/4" Male NPT to 1/4" Female NPT Swivel Connector					
Adapters	MI042-ME061	1/4" Male NPT to 3/8" Female NPT Swivel Connector					
•	MI042-ME081	1/4" Male NPT to 1/2" Female NPT Swivel Connector					
es	APN022	1/8" Male NPT to 1/8" Male NPT Fitting	Page 5				
sori	HP022X036	1/8" Male NPT to 1/8" Male NPT 36" Hose Assembly	Page 22				
Accessories	FCC02	Plastic Cabinet Case					
Ac	STR012	Seal Service Tool					

	Part Number
	S1008-B70
	S1011-B70
	S1013-B70
sets	S1105-U70
Seal Sets	S1108-U70
it Se	S1109-U70
Replacement	S1110-U70
ace	S1111-U70
Rep	S1112-U70
	S1113-U70
	S1209-U70
	SL042B





FasCal - Master Lab Calibration Kits

Master Lab Calibration Kit, BSPP Threads - FSC02-BSPP

		ibration Rit, Borr Timeaus - 1 0002-Borr			
	Part Number	Description	Specifications		
	HPB-CF04021	1/4" (7/16-20) Sleeve Actuated Connector for Swagelok	Page 6		
For Compression	MET-CF04021	1/4" (7/16-20) Connector for Swagelok			
	MET-CF06021	3/8" (9/16-20) Connector for Swagelok			
ıdııc	MET-CF08021	1/2" (3/4-20) Connector for Swagelok	Page 16		
ö	MET-CF04C	1/4" (7/16-20) Cap for <i>Swagelok</i>	rage 10		
ı,	MET-CF06C	3/8" (9/16-20) Cap for Swagelok			
	MET-CF08C	1/2" (3/4-20) Cap for Swagelok			
EC	L042021TM	1/4" Male NPT Lever Actuated Connector	Page 8		
=	MIT-042021TM	1/4" Male NPT Swivel Connector	1 age 0		
	MET-025021	1/8" Female BSPP Swivel Connector			
	MET-045021	1/4" Female BSPP Swivel Connector	Page 14		
eads	MET-065021	3/8" Female BSPP Swivel Connector	Tage 14		
For Male Threads	MET-085021	1/2" Female BSPP Swivel Connector			
Male	MET-025C	1/8" Female BSPP Cap			
For	MET-045C	1/4" Female BSPP Cap	Page 15		
	MET-065C	3/8" Female BSPP Cap	l age 10		
	MET-085C	1/2" Female BSPP Cap			
	MIT-026021	1/8" Male BSPP Swivel Connector			
<u>8</u>	MIT-046021	1/4" Male BSPP Swivel Connector	Page 12		
ıread	MIT-066021	3/8" Male BSPP Swivel Connector	1 aye 12		
Female Threads	MIT-086021	1/2" Male BSPP Swivel Connector			
ema	MIT-026P	1/8" Male BSPP Plug			
For F	MIT-046P	1/4" Male BSPP Plug	Page 13		
"	MIT-066P	3/8" Male BSPP Plug	r age 10		
	MIT-086P	1/2" Male BSPP Plug			
	MI026-ME025	1/8" Male BSPP to 1/8" Female BSPP Swivel Connector			
male	MI026-ME045	1/8" Male BSPP to 1/4" Female BSPP Swivel Connector			
√ Fel	MI026-ME065	1/8" Male BSPP to 3/8" Female BSPP Swivel Connector			
/ale	MI026-ME085	1/8" Male BSPP to 1/2" Female BSPP Swivel Connector	Page 20		
rs -	MI046-ME025	1/4" Male BSPP to 1/8" Female BSPP Swivel Connector	. ago 20		
Adapters - Male \ Female	MI046-ME045	1/4" Male BSPP to 1/4" Female BSPP Swivel Connector			
Adi	MI046-ME065	1/4" Male BSPP to 3/8" Female BSPP Swivel Connector			
	MI046-ME085	1/4" Male BSPP to 1/2" Female BSPP Swivel Connector			
es	APN022	1/8" Male NPT to 1/8" Male NPT Fitting	Page 5		
ssor	HP022X036	1/8" Male NPT to 1/8" Male NPT 36" Hose Assembly	Page 22		
Accessories	FCC02	Plastic Cabinet Case			
ď	STR012	Seal Service Tool			

	Part Number
	S1008-B70
	S1011-B70
	S1013-B70
Sets	S1105-U70
Seal 8	S1108-U70
ıt S	S1109-U70
mei	S1110-U70
placement	S1111-U70
Rep	S1112-U70
	S1113-U70
	S1209-U70
	SL042B



FasCal - Master Lab Calibration Kits

Master Lab Calibration Kit, BSPT Threads - FSC02-BSPT

		bration Rit, Bor 1 Timeaus - 1 0002-Bor 1	
	Part Number	Description	Specifications
Compression	HPB-CF04021	1/4" (7/16-20) Sleeve Actuated Connector for Swagelok	Page 6
	MET-CF04021	1/4" (7/16-20) Connector for Swagelok	
	MET-CF06021	3/8" (9/16-20) Connector for Swagelok	
	MET-CF08021	1/2" (3/4-20) Connector for Swagelok	Page 16
	MET-CF04C	1/4" (7/16-20) Cap for <i>Swagelok</i>	1 age 10
	MET-CF06C	3/8" (9/16-20) Cap for <i>Swagelok</i>	
	MET-CF08C	1/2" (3/4-20) Cap for <i>Swagelok</i>	
EC	L042021TM	1/4" Male NPT Lever Actuated Connector	Page 8
	MIT-042021TM	1/4" Male NPT Swivel Connector	1 age o
For Male Threads	MET-025T021	1/8" Female BSPT Swivel Connector	
	MET-045T021	1/4" Female BSPT Swivel Connector	Page 14
	MET-065T021	3/8" Female BSPT Swivel Connector	r age 14
Į.	MET-085T021	1/2" Female BSPT Swivel Connector	
Male	MET-025TC	1/8" Female BSPT Cap	
For	MET-045TC	1/4" Female BSPT Cap	Page 15
	MET-065TC	3/8" Female BSPT Cap	r age 10
	MET-085TC	1/2" Female BSPT Cap	
	MIT-026T021	1/8" Male BSPT Swivel Connector	
Female Threads	MIT-046T021	1/4" Male BSPT Swivel Connector	Page 12
	MIT-066T021	3/8" Male BSPT Swivel Connector	1 490 12
	MIT-086T021	1/2" Male BSPT Swivel Connector	
ema	MIT-026TP	1/8" Male BSPT Plug	
For F	MIT-046TP	1/4" Male BSPT Plug	Page 13
"	MIT-066TP	3/8" Male BSPT Plug	l ago lo
	MIT-086TP	1/2" Male BSPT Plug	
	MI026T-ME025T	1/8" Male BSPT to 1/8" Female BSPT Swivel Connector	
ters	MI026T-ME045T	1/8" Male BSPT to 1/4" Female BSPT Swivel Connector	
dap	MI026T-ME065T	1/8" Male BSPT to 3/8" Female BSPT Swivel Connector	
ale A	MI026T-ME085T	1/8" Male BSPT to 1/2" Female BSPT Swivel Connector	Page 20
Male \ Female Adapters	MI046T-ME025T	1/4" Male BSPT to 1/8" Female BSPT Swivel Connector	9
le \	MI046T-ME045T	1/4" Male BSPT to 1/4" Female BSPT Swivel Connector	
Ma	MI046T-ME065T	1/4" Male BSPT to 3/8" Female BSPT Swivel Connector	
	MI046T-ME085T	1/4" Male BSPT to 1/2" Female BSPT Swivel Connector	
Accessories	APN022	1/8" Male NPT to 1/8" Male NPT Fitting	Page 5
	HP022X036	1/8" Male NPT to 1/8" Male NPT 36" Hose Assembly	Page 22
	FCC02	Plastic Cabinet Case	
	STR012	Seal Service Tool	

	Part Number
	S1008-B70
	S1011-B70
	S1013-B70
Seal Sets	S1105-U70
eal (S1108-U70
ıt S	S1109-U70
me	S1110-U70
Replacement	S1111-U70
Rep	S1112-U70
	S1113-U70
	S1209-U70
	SL042B



Additional Products and Brochures from FasTest



TwistMate Connectors

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Electronic Tool System (ETS)

Electronic sealing sealing device for leak test applications requiring ultimate seal control and clean operation.



Refrigeration Connectors

The **CoreMax** system of high flow processing valves and connectors for the refrigeration manufacturing and service industry.

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