

Compression Fittings - Series SF and DF

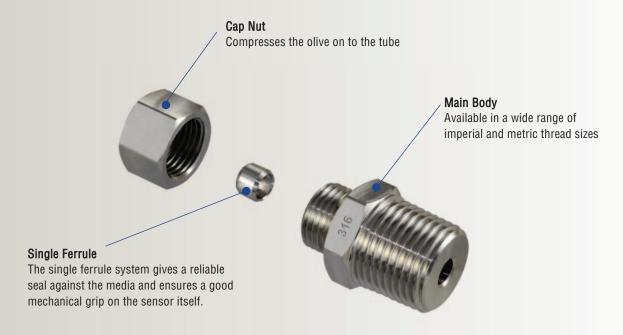


A range of stainless steel and brass compression fittings designed for use with temperature sensors.

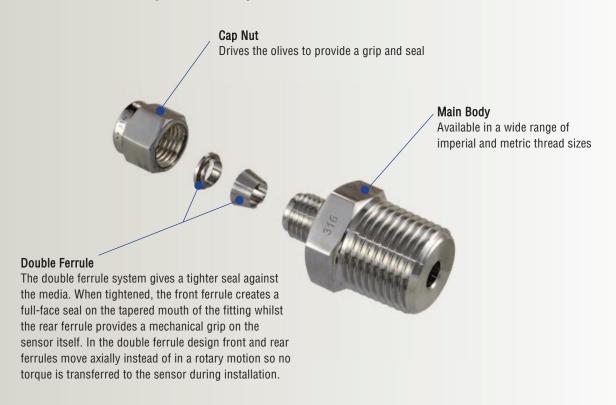
Single or Double ferrule versions are available in a wide range of thread sizes to suit diameters from 0.5mm to 21.3mm.

We offer both single and double ferrule compression fittings.

SF Series - Single Ferrule Compression Fittings



DF Series - Double Ferrule Compression Fittings



SFS Single Ferrule 316 Stainless Steel Fittings - BSPT Threads







Spare / replacement olives are available. Please see page 8 for details.

			— SFS116T10 SFS116T15 SFS116T16 SFS116T20 SFS116T30 — - S18T075 SFS18T10 SFS18T15 SFS18T16 SFS18T20 SFS18T30 SFS18T32 SFS1 — SFS14T10 SFS14T15 SFS14T16 SFS14T20 SFS14T30 SFS14T32 SFS1							
Thread Size	0.5mm	0.75mm	1.0mm	1.5mm		2.0mm	3.0mm		4.5mm	(3/16") 4.76mm
1/16" BSPT	SFS116T05	_	SFS116T10	SFS116T15	SFS116T16	SFS116T20	SFS116T30	_	_	_
1/8" BSPT	SFS18T05	SFS18T075	SFS18T10	SFS18T15	SFS18T16	SFS18T20	SFS18T30	SFS18T32	SFS18T45	SFS18T47
1/4" BSPT	_	_	SFS14T10	SFS14T15	SFS14T16	SFS14T20	SFS14T30	SFS14T32	SFS14T45	SFS14T47
3/8" BSPT	_	_	_	_	_	_	SFS38T30	SFS38T32	SFS38T45	SFS38T47
1/2" BSPT	_	_	SFS12T10	SFS12T15	_	_	SFS12T30	SFS12T32	SFS12T45	SFS12T47
3/4" BSPT	_	_	_	_	_	_	SFS34T30	_	_	_
				To s	uit probes with th	e following diame	eters			
Thread Size	7/32" 5.5mm	6.0mm	(1/4") 6.4mm	(5/16") 7.9mm	8.0mm	(3/8") 9.5mm	12.0mm	(1/2") 12.7mm	(5/8") 15.9mm	(13/16") 21.3mm
1/8" BSPT	SFS18T55	SFS18T60	SFS18T64	_	_	_	_	_	_	_
1/4" BSPT	SFS14T55	SFS14T60	SFS14T64	SFS14T79	SFS14T80	_	_	_	_	_
3/8" BSPT	SFS38T55	SFS38T60	SFS38T64	SFS38T79	SFS38T80	SFS38T95	_	SFS38T127	_	_
1/2" BSPT	SFS12T55	SFS12T60	SFS12T64	SFS12T79	SFS12T80	SFS12T95	SFS12T120	SFS12T127	SFS12T159	_
3/4" BSPT	_	SFS34T60	SFS34T64	SFS34T79	SFS34T80	SFS34T95	SFS34T120	SFS34T127	SFS34T159	SFS34T213
1" BSPT	_	SFS1T60	SFS1T64	SFS1T79	SFS1T80	_	SFS1T120	SFS1T127	SFS1T159	SFS1T213

Other thread sizes are available, please contact us for details.

SFS Single Ferrule 316 Stainless Steel Fittings - BSPP Threads







Spare / replacement olives are available. Please see page 8 for details.

		To suit probes with the following diameters													
Thread Size	0.5mm	0.75mm	1.0mm	1.5mm	(1/16") 1.6mm	2.0mm	3.0mm	(1/8") 3.2mm	4.5mm	(3/16") 4.76mm					
1/16" BSPP	SFS116P05	_	SFS116P10	SFS116P15	SFS116P16	SFS116P20	SFS116P30	_	_	_					
1/8" BSPP	SFS18P05	SFS18P075	SFS18P10	SFS18P15	SFS18P16	SFS18P20	SFS18P30	SFS18P32	SFS18P45	SFS18P47					
1/4" BSPP	_	_	SFS14P10	SFS14P15	SFS14P16	SFS14P20	SFS14P30	SFS14P32	SFS14P45	SFS14P47					
3/8" BSPP	_	_	_	_	_	_	SFS38P30	SFS38P32	SFS38P45	SFS38P47					
1/2" BSPP	_	_	SFS12P10	SFS12P15	_	_	SFS12P30	SFS12P32	SFS12P45	SFS12P47					
3/4" BSPP	_	_	_	_	_	_	SFS34P30	_	_	_					
				To s	uit probes with th	e following diame	eters								
Thread Size	7/32" 5.5mm	6.0mm	(1/4") 6.4mm	(5/16") 7.9mm	8.0mm	(3/8") 9.5mm	12.0mm	(1/2") 12.7mm	(5/8") 15.9mm	(13/16") 21.3mm					
1/8" BSPP	SFS18P55	SFS18P60	SFS18P64	_	_	_	_	_	_	_					
1/4" BSPP	SFS14P55	SFS14P60	SFS14P64	SFS14P79	SFS14P80	_	_	_	_	_					
3/8" BSPP	SFS38P55	SFS38P60	SFS38P64	SFS38P79	SFS38P80	SFS38P95	_	SFS38P127	_	_					
1/2" BSPP	SFS12P55	SFS12P60	SFS12P64	SFS12P79	SFS12P80	SFS12P95	SFS12P120	SFS12P127	SFS12P159	_					
3/4" BSPP	_	SFS34P60	SFS34P64	SFS34P79	SFS34P80	SFS34P95	SFS34P120	SFS34P127	SFS34P159	SFS34P213					
1" BSPP	_	SFS1P60	SFS1P64	SFS1P79	SFS1P80	_	SFS1P120	SFS1P127	SFS1P159	SFS1P213					

SFS Single Ferrule 316 Stainless Steel Fittings - NPT Threads







Spare / replacement olives are available. Please see page 8 for details.

				To s	uit probes with th	e following diame	eters			
Thread Size	0.5mm	0.75mm	1.0mm	1.5mm	(1/16") 1.6mm	2.0mm	3.0mm	(1/8") 3.2mm	4.5mm	(3/16") 4.76mm
1/16" NPT	SFS116N05	_	SFS116N10	SFS116N15	SFS116N16	SFS116N20	SFS116N30	_	_	_
1/8" NPT	SFS18N05	_	SFS18N10	SFS18N15	SFS18N16	SFS18N20	SFS18N30	SFS18N32	SFS18N45	SFS18N47
1/4" NPT	_	_	SFS14N10	SFS14N15	SFS14N16	SFS14N20	SFS14N30	SFS14N32	SFS14N45	SFS14N47
3/8" NPT	_	_	_	_	_	_	SFS38N30	SFS38N32	SFS38N45	SFS38N47
1/2" NPT	_	_	SFS12N10	SFS12N15	_	_	SFS12N30	SFS12N32	SFS12N45	SFS12N47
3/4" NPT	_	_	_	_	_	_	SFS34N30	_	_	_
				To s	uit probes with th	e following diame	eters			
Thread Size	(7/32") 5.5mm	6.0mm	(1/4") 6.4mm	(5/16") 7.9mm	8.0mm	(3/8") 9.5mm	12.0mm	(1/2") 12.7mm	(5/8") 15.9mm	(13/16") 21.3mm
1/8" NPT	SFS18N55	SFS18N60	SFS18N64	_	_	_	_	_	_	_
1/4" NPT	SFS14N55	SFS14N60	SFS14N64	SFS14N79	SFS14N80	_	_	_	_	_
3/8" NPT	SFS38N55	SFS38N60	SFS38N64	SFS38N79	SFS38N80	SFS38N95	_	SFS38N127	_	_
1/2" NPT	SFS12N55	SFS12N60	SFS12N64	SFS12N79	SFS12N80	SFS12N95	SFS12N120	SFS12N127	SFS12N159	_
3/4" NPT	_	SFS34N60	SFS34N64	SFS34N79	SFS34N80	SFS34N95	SFS34N120	SFS34N127	SFS34N159	SFS34N213
1" NPT	_	SFS1N60	SFS1N64	SFS1N79	SFS1N80	_	SFS1N120	SFS1N127	SFS1N159	SFS1N213

Other thread sizes are available, please contact us for details.

DFS Double Ferrule 316 Stainless Steel Fittings - BSPT Threads









Spare / replacement olive sets are available. Please contact us for details.

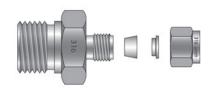
Double Ferrule

The double ferrule system gives a tighter seal against the media. When tightened, the front ferrule creates a full-face seal on the tapered mouth of the fitting whilst the rear ferrule provides a mechanical grip on the sensor itself. In this design front and rear ferrules move axially instead of in a rotary motion so no torque is transferred to the sensor during installation.

		To suit probes with the following diameters													
Thread Size	3.0mm	(1/8") 3.2mm	4.5mm	(3/16") 4.76mm	6.0mm	(1/4") 6.4mm	(5/16") 7.9mm								
1/16" BSPT	DFS116T30	_	_	_	_	_	_								
1/8" BSPT	DFS18T30	DFS18T32	DFS18T45	DFS18T47	DFS18T60	DFS18T64	_								
1/4" BSPT	DFS14T30	DFS14T32	DFS14T45	DFS14T47	DFS14T60	DFS14T64	DFS14T79								
3/8" BSPT	DFS38T30	DFS38T32	DFS38T45	DFS38T47	DFS38T60	DFS38T64	DFS38T79								
1/2" BSPT	DFS12T30	DFS12T32	DFS12T45	DFS12T47	DFS12T60	DFS12T64	DFS12T79								
3/4" BSPT	_	_	_	_	DFS34T60	DFS34T64	DFS34T79								
1" BSPT	_	_	_	_	DFS1T60	DFS1T64	DFS1T79								
			To suit p	robes with the following o	diameters										
Thread Size	8.0mm	(3/8") 9.5mm	12.0mm	(1/2") 12.7mm	(5/8") 15.9mm	(3/4") 19.5mm	(13/16") 21.3mm								
1/8" BSPT	_	_	_	_	_	_	_								
1/4" BSPT	DFS14T80	_	_	_	_	_	_								
3/8" BSPT	DFS38T80	DFS38T95	_	DFS38T127	_	_	_								
1/2" BSPT	DFS12T80	DFS12T95	DFS12T120	DFS12T127	DFS12T159	_	_								
3/4" BSPT	DFS34T80	DFS34T95	DFS34T120	DFS34T127	DFS34T159	DFS34T195	DFS34T213								
1" BSPT	DFS1T80	_	DFS1T120	DFS1T127	DFS1T159	DFS1T195	DFS1T213								

DFS Double Ferrule 316 Stainless Steel Fittings - BSPP Threads







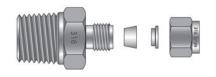
Spare / replacement olive sets are available. Please contact us for details.

			To suit p	robes with the following (diameters		
Thread Size	3.0mm	(1/8") 3.2mm	4.5mm	(3/16") 4.76mm	6.0mm	(1/4") 6.4mm	(5/16") 7.9mm
1/16" BSPP	DFS116P30	_	_	_	_	_	_
1/8" BSPP	DFS18P30	DFS18P32	DFS18P45	DFS18P47	DFS18P60	DFS18P64	_
1/4" BSPP	DFS14P30	DFS14P32	DFS14P45	DFS14P47	DFS14P60	DFS14P64	DFS14P79
3/8" BSPP	DFS38P30	DFS38P32	DFS38P45	DFS38P47	DFS38P60	DFS38P64	DFS38P79
1/2" BSPP	DFS12P30	DFS12P32	DFS12P45	DFS12P47	DFS12P60	DFS12P64	DFS12P79
3/4" BSPP	_	_	_	_	DFS34P60	DFS34P64	DFS34P79
1" BSPP	_	_	_	_	DFS1P60	DFS1P64	DFS1P79
			To suit p	robes with the following o	diameters		
Thread Size	8.0mm	(3/8") 9.5mm	12.0mm	(1/2") 12.7mm	(5/8") 15.9mm	(3/4") 19.5mm	(13/16") 21.3mm
1/8" BSPP	_	_	_	_	_	_	_
1/4" BSPP	DFS14P80	_	_	_	_	_	_
3/8" BSPP	DFS38P80	DFS38P95	_	DFS38P127	_	_	_
1/2" BSPP	DFS12P80	DFS12P95	DFS12P120	DFS12P127	DFS12P159	_	_
3/4" BSPP	DFS34P80	DFS34P95	DFS34P120	DFS34P127	DFS34P159	DFS34P195	DFS34P213
1" BSPP	DFS1P80	_	DFS1P120	DFS1P127	DFS1P159	DFS1P195	DFS1P213

Other thread sizes are available, please contact us for details.

DFS Double Ferrule 316 Stainless Steel Fittings - NPT Threads





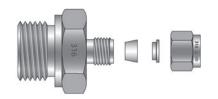


Spare / replacement olive sets are available. Please contact us for details.

			To suit p	robes with the following	diameters		
Thread Size	3.0mm	(1/8") 3.2mm	4.5mm	(3/16") 4.76mm	6.0mm	(1/4") 6.4mm	(5/16") 7.9mm
1/16" NPT	DFS116N30	_	_		_	_	_
1/8" NPT	DFS18N30	DFS18N32	DFS18N45	DFS18N47	DFS18N60	DFS18N64	_
1/4" NPT	DFS14N30	DFS14N32	DFS14N45	DFS14N47	DFS14N60	DFS14N64	DFS14N79
3/8" NPT	DFS38N30	DFS38N32	DFS38N45	DFS38N47	DFS38N60	DFS38N64	DFS38N79
1/2" NPT	DFS12N30	DFS12N32	DFS12N45	DFS12N47	DFS12N60	DFS12N64	DFS12N79
3/4" NPT	_	_	_	_	DFS34N60	DFS34N64	DFS34N79
1" NPT	_	_	_	_	DFS1N60	DFS1N64	DFS1N79
			To suit p	robes with the following (diameters		
Thread Size	8.0mm	(3/8") 9.5mm	12.0mm	(1/2") 12.7mm	(5/8") 15.9mm	(3/4") 19.5mm	(13/16") 21.3mm
1/8" NPT	_	_	_	_	_	_	_
1/4" NPT	DFS14N80	_	_	_	_	_	_
3/8" NPT	DFS38N80	DFS38N95	_	DFS38N127	_	_	_
1/2" NPT	DFS12N80	DFS12N95	DFS12N120	DFS12N127	DFS12N159	_	_
3/4" NPT	DFS34N80	DFS34N95	DFS34N120	DFS34N127	DFS34N159	DFS34N195	DFS34N213
1" NPT	DFS1N80	_	DFS1N120	DFS1N127	DFS1N159	DFS1N195	_

DFSM Double Ferrule 316 Stainless Steel Fittings - Metric Threads







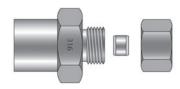
Spare / replacement olive sets are available. Please contact us for details.

Thread Size			To suit probes with th	e following diameters		
TITIGAU OIZO	3.0mm	3.2mm	4.5mm	6.0mm	6.4mm	8.0mm
M6	_	_	_	_	_	_
M8	DFSM8-30	DFSM8-32	DFSM8-45	_	_	_
M10	DFSM10-30	_	DFSM10-45	DFSM10-60	_	_
M12	DFSM12-30	_	DFSM12-45	DFSM12-60	_	DFSM12-80
M14	DFSM14-30	_	_	DFSM14-60	_	DFSM14-80
M16	DFSM16-30	_	_	DFSM16-60		
M20	DFSM20-30	DFSM20-32	DFSM20-45	DFSM20-60	_	_
M24	DFSM24-30	DFSM24-32	DFSM24-45	DFSM24-60	DFSM24-64	_

Other thread sizes are available, please contact us for details.

SFSB Single Ferrule 316 Stainless Steel Fittings - Blank Threads





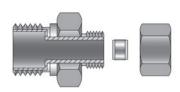


Spare / replacement olives are available. Please see page 8 for details.

Thread Size	Tos	uit probes with th	e following diame	eters
	1.0mm	1.5mm	2.0mm	3.0mm
Blank	SFSB10	SFSB15	SFSB20	SFSB30

SFSM Single Ferrule, Counter Bored 316 Stainless Steel Fittings - Metric Threads







Spare / replacement olives are available. Please see page 8 for details.

		To suit probes with the following diameters													
Thread Size	1.0mm	1.5mm	2.0mm	3.0mm	4.5mm	(3/16") 4.76mm	(7/32") 5.5mm	6.0mm	8.0mm						
M16	SFSM16-10CB	SFSM16-15CB	SFSM16-20CB	SFSM16-30CB	SFSM16-45CB	_	SFSM16-55CB	SFSM16-60CB	SFSM16-80CB						
M18	_	_	_		_	_	_	SFSM18-60CB	_						
M20	SFSM20-10CB	SFSM20-15CB	SFSM20-20CB	SFSM20-30CB	SFSM20-45CB	SFSM20-47CB	SFSM20-55CB	SFSM20-60CB	SFSM20-80CB						
M24	_	SFSM24-15CB	_	SFSM24-30CB	_	_	_	SFSM24-60CB	_						

SFB Single Ferrule Brass Fittings - BSPT Threads







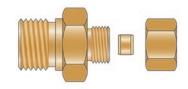
Spare / replacement olives are available. Please see page 8 for details.

					To suit	probes with th	e following dia	ameters				
Thread Size	1.0mm	1.5mm	(1/16") 1.6mm	2.0mm	3.0mm	(1/8") 3.2mm	4.5mm	(3/16") 4.76mm	6.0mm	(1/4") 6.4mm	8.0mm	(1/2") 12.7mm
1/8" BSPT	SFB18T10	SFB18T15	SFB18T16	SFB18T20	SFB18T30	SFB18T32	SFB18T45	SFB18T47	SFB18T60	SFB18T64	_	_
1/4" BSPT	_	SFB14T15	SFB14T16	SFB14T20	SFB14T30	SFB14T32	SFB14T45	SFB14T47	SFB14T60	SFB14T64	_	_
3/8" BSPT	_	_	_	_	SFB38T30	_	SFB38T45	_	SFB38T60	SFB38T64	_	_
1/2" BSPT	_	_	_	_	SFB12T30	SFB12T32	SFB12T45	SFB12T47	SFB12T60	SFB12T64	SFB12T80	SFB12T127
3/4" BSPT	_	_	_	_	SFB34T30	_	_	_	SFB34T60	_	_	SFB34T127

Other thread sizes are available, please contact us for details.

SFB Single Ferrule Brass Fittings - BSPP Threads







Spare / replacement olives are available. Please see page 8 for details.

					To suit	probes with th	e following dia	ameters				
Thread Size	1.0mm	1.5mm	(1/16") 1.6mm	2.0mm	3.0mm	(1/8") 3.2mm	4.5mm	(3/16") 4.76mm	6.0mm	(1/4") 6.4mm	8.0mm	(1/2") 12.7mm
1/8" BSPP	SFB18P10	SFB18P15	SFB18P16	SFB18P20	SFB18P30	SFB18P32	SFB18P45	SFB18P47	SFB18P60	SFB18P64	_	_
1/4" BSPP	_	SFB14P15	SFB14P16	SFB14P20	SFB14P30	SFB14P32	SFB14P45	SFB14P47	SFB14P60	SFB14P64	_	_
3/8" BSPP	_	_	_	_	SFB38P30	_	SFB38P45	_	SFB38P60	SFB38P64	_	_
1/2" BSPP	_	_	_	_	SFB12P30	SFB12P32	SFB12P45	SFB12P47	SFB12P60	SFB12P64	SFB12P80	SFB12P127
3/4" BSPP	_	_	_	_	SFB34P30	_	_	_	SFB34P60	_	_	SFB34P127

Other thread sizes are available, please contact us for details.

SFB Single Ferrule Brass Fittings - NPT Threads





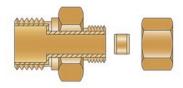


Spare / replacement olives are available. Please see page 8 for details.

					To suit	probes with th	e following dia	ameters				
Thread Size	1.0mm	1.5mm	(1/16") 1.6mm	2.0mm	3.0mm	(1/8") 3.2mm	4.5mm	(3/16") 4.76mm	6.0mm	(1/4") 6.4mm	8.0mm	(1/2") 12.7mm
1/8" NPT	SFB18N10	SFB18N15	SFB18N16	SFB18N20	SFB18N30	SFB18N32	SFB18N45	SFB18N47	SFB18N60	SFB18N64	_	_
1/4" NPT	_	SFB14N15	SFB14N16	SFB14N20	SFB14N30	SFB14N32	SFB14N45	SFB14N47	SFB14N60	SFB14N64	_	_
3/8" NPT	_	_	_	_	SFB38N30	_	SFB38N45	_	SFB38N60	SFB38N64	_	_
1/2" NPT	_	_	_	_	SFB12N30	SFB12N32	SFB12N45	SFB12N47	SFB12N60	SFB12N64	SFB12N80	SFB12N127
3/4" NPT	_	_	_	_	SFB34N30	_	_	_	SFB34N60	_	_	SFB34N127

SFBM Single Ferrule, Counter Bored Brass Fittings - Metric Threads







Spare / replacement olives are available. Please see below for details.

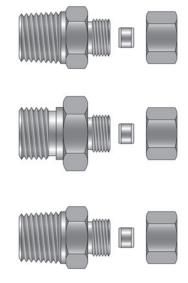
Thread Size	To suit probes with the following diameters								
	1.0mm	1.5mm	2.0mm	3.0mm	4.5mm	(3/16") 4.76mm	(7/32") 5.5mm	6.0mm	8.0mm
M16	SFBM16-10CB	SFBM16-15CB	SFBM16-20CB	SFBM16-30CB	SFBM16-45CB	_	SFBM16-55CB	SFBM16-60CB	SFBM16-80CB
M20	SFBM20-10CB	SFBM20-15CB	SFBM20-20CB	SFBM20-30CB	SFBM20-45CB	_	SFBM20-55CB	SFBM20-60CB	SFBM20-80CB
M24	_	_	_	SFBM24-30CB	_	_	_	SFBM24-60CB	_

Other thread sizes are available, please contact us for details.

SFNB Single Ferrule Nickel Plated Brass Fittings - BSPT, BSPP and NPT Threads



Thread Size	To suit probes with the following diameters						
	1.5mm	3.0mm	4.5mm	6.0mm			
1/8" BSPT	SFNB18T15	SFNB18T30	SFNB18T45	SFNB18T60			
1/4" BSPT	SFNB14T15	SFNB14T30	SFNB14T45	SFNB14T60			
1/2" BSPT	_	SFNB12T30	_	SFNB12T60			
1/8" BSPP	SFNB18P15	SFNB18P30	SFNB18P45	SFNB18P60			
1/4" BSPP	SFNB14P15	SFNB14P30	SFNB14P45	SFNB14P60			
1/2" BSPP	_	SFNB12P30	_	SFNB12P60			
1/2" NPT	_	SFNB12N30	_	SFNB12N60			



Other thread sizes are available, please contact us for details. Olives are Nickel Plated Brass, however the plating can wear under compression.

Replacement Single Ferrule Olives in Stainless Steel, Brass and PTFE



Single Ferrule (SF)

Style and Material	To suit probes with the following diameters									
	0.5mm	0.75mm	1.0mm	1.5mm	2.0mm	3.0mm	(1/8") 3.2mm	4.5mm		
SF Style St./St.	0-316-40-05	0-316-45-075	0-316-45-10	0-316-45-15	0-316-45-20	0-316-45-30	0-316-45-32	0-316-60-45		
SF Style Brass	_	_	0-BRA-45-10	0-BRA-45-15	0-BRA-45-20	0-BRA-45-30	0-BRA-45-32	_		
SF Style PTFE	_	_	0-PTFE-60-10	0-PTFE-60-15	0-PTFE-60-20	0-PTFE-60-30	_	0-PTFE-60-45		
Style and	To suit probes with the following diameters									
Material	4.76mm	6.0mm	(1/4") 6.4mm	8.0mm	9.5mm	12mm	(1/2") 12.7mm	(5/8") 15.9mm		
SF Style St./St.	0-316-60-47	0-316-60-60	0-316-60-64	0-316-60-80	0-316-60-95	0-316-60-120	0-316-60-127	0-316-60-159		
SF Style Brass	_	0-BRA-60-60	_	0-BRA-60-80	_	_	_	_		
SF Style PTFE	_	0-PTFE-60-60	_	0-PTFE-60-80	_	_	_	_		

Notes



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