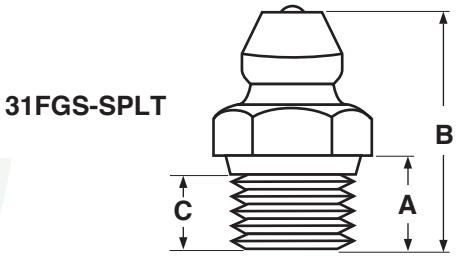
Grease Fittings

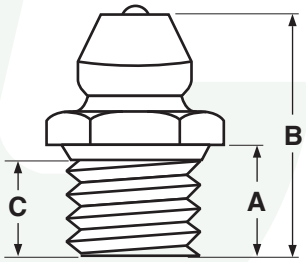
SPL Taper Thread



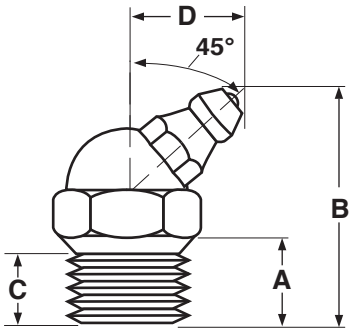
Grease Fitting — SPL Taper Thread								
Part Number	Type	Thread	A	B	C	Recommended Hole Size		Hex Size Across the Flats
			Shank Length	Total Height	Effective Thread Length			
			Ref	Ref	Ref	Max	Min	Ref
31FGS-SPLT	Straight	1/4-28	13/64”	9/16”	9/64”	0.235	0.230	5/16”

Description	A fastener that has external threads at one end a nipple-style connection at the opposite end. The nipple consists of an opening in which a small captive ball bearing maintains its location flush with the surface of the fitting by the force supplied by a retaining spring within the fitting.
Applications / Advantages	Used on mining, agricultural and industrial equipment when regularly scheduled lubrication maintenance is required to extend lifespan of machinery. Installation force causes material of untapped hole to reshape conforming to fitting thread contour, providing a leak proof permanent seal.
Material	Carbon Steel
Case Depth	0.13 - 0.23 mm
Case Hardness	Rrockwell 15N 83 minimum
Plating	Parts are supplied RoHS zinc finish.

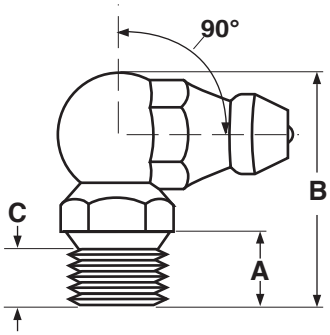
SPL Pipe Thread Grease Fittings



43FGS-SPL



43FG45-SPL



43FG90-SPL

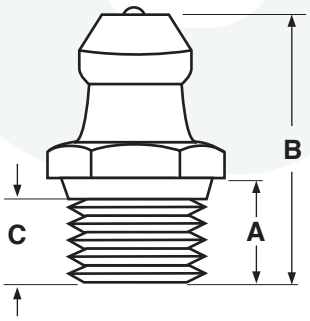
Grease Fittings — SPL Pipe Thread

Part Number	Type	Thread	A	B	C	D	Recommended Hole Size		Hex Size Across the Flats
			Shank Length	Total Height	Effective Thread Length	Check Valve Distance			
			Ref	Ref	Ref	Ref	Max	Min	Ref
43FGS-SPL	Straight	1/8-27	15/64”	5/8”	9/64”	-	.380	.373	7/16”
43FG45-SPL	Elbow	1/8-27	13/64”	27/32”	11/64”	29/64”	.380	.373	7/16”
43FG90-SPL	Elbow	1/8-27	13/64”	3/4”	11/64”	17/32”	.380	.373	7/16”

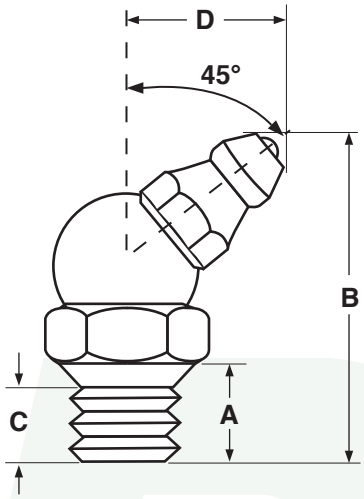
Description	A fastener that has external threads at one end a nipple-style connection at the opposite end. The nipple consists of an opening in which a small captive ball bearing maintains its location flush with the surface of the fitting by the force supplied by a retaining spring within the fitting.
Applications / Advantages	Used on mining, agricultural and industrial equipment when regularly scheduled lubrication maintenance is required to extend lifespan of machinery. Installation force causes material of untapped hole to reshape conforming to fitting thread contour, providing a leak proof permanent seal.
Material	Carbon Steel
Case Depth	0.13 - 0.23 mm
Case Hardness	Rrockwell 15N 83 minimum
Plating	Parts are supplied RoHS zinc finish.

Grease Fittings

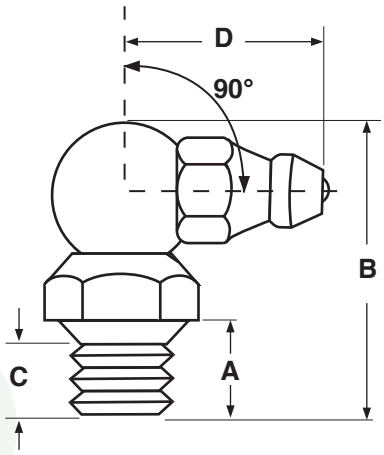
SAE-LT Taper Thread



31FGS-SAELT



37FG45-SAELT



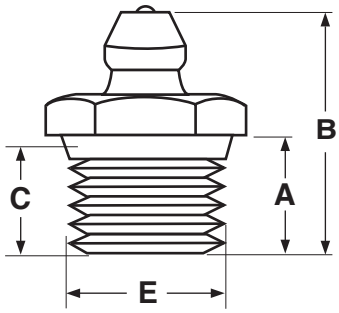
37FG90-SAELT

Grease Fittings — SAE-LT Taper Thread

Part Number	Type	Thread	A	B	C	D	Hex Size Across the Flats
			Shank Length	Total Height	Effective Thread Length	Check Valve Distance	
			Ref	Ref	Ref	Ref	Ref
31FGS-SAELT	Straight	1/4-28	3/16”	35/64”	9/64”	-	5/16”
37FG45-SAELT	Elbow	1/4-28	7/32”	27/32”	5/32”	7/16”	3/8”
37FG90-SAELT	Elbow	1/4-28	7/32”	3/4”	5/32”	33/64”	3/8”

Description	A fastener that has external threads at one end a nipple-style connection at the opposite end. The nipple consists of an opening in which a small captive ball bearing maintains its location flush with the surface of the fitting by the force supplied by a retaining spring within the fitting.
Applications / Advantages	Used on mining, agricultural and industrial equipment when regularly scheduled lubrication maintenance is required to extend lifespan of machinery. These fittings are designed to be installed into straight holes with 1/4-28” UNF 3B straight thread.
Material	Carbon Steel
Case Depth	0.13 - 0.23 mm
Case Hardness	Rrockwell 15N 83 minimum
Plating	Parts are supplied RoHS zinc finish.

Grease Fittings



56FGS-PTF

Grease Fittings — PTF Pipe Thread

Part Number	Type	Thread	A	B	C	E	Hex Size Across the Flats
			Shank Length	Total Height	Effective Thread Length	Thread Outside Diameter	
			Ref	Ref	Ref	Ref	Ref
56FGS-PTF	Straight	1/4-18	3/8”	53/64”	19/64”	0.540”	9/16”

Description	A fastener that has external threads at one end a nipple-style connection at the opposite end. The nipple consists of an opening in which a small captive ball bearing maintains its location flush with the surface of the fitting by the force supplied by a retaining spring within the fitting.
Applications / Advantages	Used on mining, agricultural and industrial equipment when regularly scheduled lubrication maintenance is required to extend lifespan of machinery. These fittings are recommended where heavy lubricants are used.
Material	Carbon Steel
Case Depth	0.13 - 0.23 mm
Case Hardness	Rrockwell 15N 83 minimum
Plating	Parts are supplied RoHS zinc finish.