M8 & M10 & M12

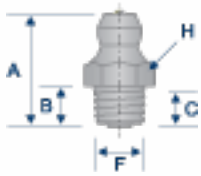
DIN 71412

STAINLESS

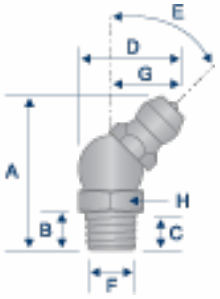
The fine threads of M8 x 1.0 size fittings provide stronger engagement into the mating material. The larger M10 x 1.0 threads are comparable in size to the 1/8"-27 PTF. They are used in many of the same applications such as on agricultural and industrial machinery. More rugged applications, like mining equipment, may call for the larger M12 x 1.5 thread type.

TECHNICAL DRAWINGS ARE APPROXIMATE ACTUAL SIZE

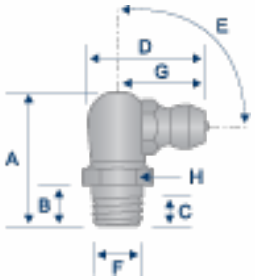
H2103S ✱
Straight - Stainless
M8 x 1.0 Taper Thread
Standard Shank



H2104S ✱
45° Angle - Stainless
M8 x 1.0 Taper Thread
Standard Shank



H2105S ✱
90° Angle - Stainless
M8 x 1.0 Taper Thread
Standard Shank



SPECIAL PARTS

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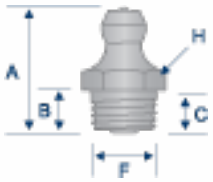
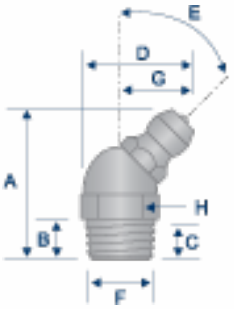
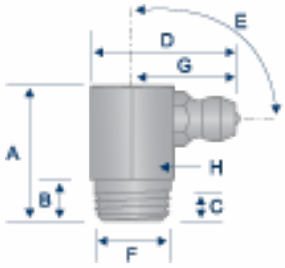
H2109S ✱
Straight - Stainless
M10 x 1.0 Taper Thread
Standard Shank



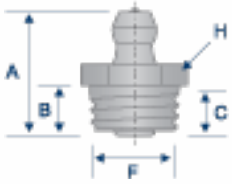
H2110S ✱
45° Angle - Stainless
M10 x 1.0 Taper Thread
Standard Shank



H2111S ✱
90° Angle - Stainless
M10 x 1.0 Taper Thread
Standard Shank



H2124S
Straight - Stainless
M12 x 1.5 Taper Thread
Standard Shank



ITEM #	THREAD	ANGLE (E)	OVERALL LENGTH (A)	SHANK LENGTH (B)	MIN. THREAD LENGTH (C)	OVERALL WIDTH (D)	THREAD DIAMETER (F)	SWING CLEARANCE (G)	HEX (H)
H2103S ✱	M8 X 1.0	STRAIGHT	16.0 MM	5.5 MM	3.1 MM	□	8.0 MM	□	9.0 MM
H2104S ✱	M8 X 1.0	45□	19.5 MM	5.5 MM	3.1 MM	14.0 MM	8.0 MM	10.0 MM	9.0 MM
H2105S ✱	M8 X 1.0	90□	18.0 MM	5.5 MM	3.1 MM	18.0 MM	8.0 MM	14.0 MM	9.0 MM
H2109S ✱	M10 X 1.0	STRAIGHT	16.0 MM	5.5 MM	3.1 MM	□	10.0 MM	□	11.0 MM
H2110S ✱	M10 X 1.0	45□	21.0 MM	5.5 MM	3.1 MM	16.0 MM	10.0 MM	11.0 MM	11.0 MM
H2111S ✱	M10 X 1.0	90□	18.0 MM	5.5 MM	3.1 MM	20.0 MM	10.0 MM	15.0 MM	11.0 MM
H2124S	M12 X 1.5	STRAIGHT	17.5 MM	6.5 MM	3.1 MM	□	12.0 MM	□	14.0 MM

✱ *Common Parts* — Parts with this designation are in wide distribution.

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