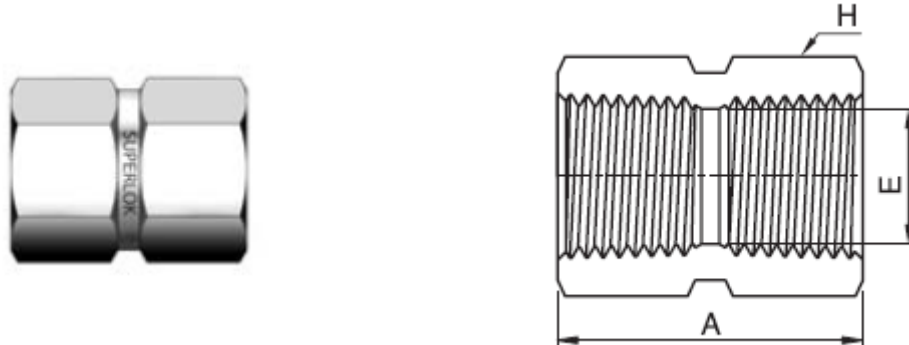


Additional Data/Spec Sheet

316 Stainless Steel NPT Female Hex Coupling

IHC Hex Coupling



NPT Female Straight Coupling Stainless Steel						
Fluidco Part nr	Female Pipe Size Inch Dash Thread			DIMENSIONS mm		
				A	E	H
AC-1212SS-0404	1/4"	04	1/4 - 18	30.2	11.4	19.1
AC-1212E9-0808	1/2"	08	1/2 - 14	39.6	18.5	26.9

Crafted from high-grade 316L stainless steel, these NPT fittings offer not just strength but also superior corrosion resistance, making them ideal for challenging environments. The 316L variant provides an extra layer of protection against corrosive substances, ensuring longevity and low maintenance. Utilizing the National Pipe Thread (NPT) standard, these fittings guarantee consistent and reliable sealing, ideal for high-pressure hydraulic applications where durability and wear resistance are paramount.

■ Pressure Ratings

Size Designator	NPT Size	316 Stainless Steel			
		Male		Female	
		psig	bar	psig	bar
1	1/16	11000	757	6700	461
2	1/8	10000	689	6500	447
4	1/4	8000	551	6600	454
6	3/8	7800	537	5300	365
8	1/2	7700	530	4900	337
12	3/4	7300	502	4600	316
16	1	5300	365	4400	303

- Pressure ratings are based on ASME Code for Pressure Piping B31.3, Process Piping with allowable stress 20,000psi for SS316,
- To determine pressure ratings in accordance with B31.1, Power Piping:
 - 316 Stainless steel material : multiply by 0.94
- To determine kPa, multiply by 6.89

■ Temperature Rating

Material	Identify	Max. Temperature °F(°C)
316 Stainless Steel	SS	1000(537)

■ Thread Specifications

Thread Type	Identify	Specification
NPT	N	ASME B1.20.1, SAE AS71051