MP / HP connection fittings

MP/HP connection fittings allow both rigid piping systems to be built and flexible lines (hoses) to be connected ultra-high-pressure. All components are rated for two pressure ranges: 1380 bar (MP) and 4140 bar (HP).
Made of AISI 316 steel, they are intended for use with liquid and gaseous media. MP/HP connection with a 58° cone on a left-hand-threaded tube.

drawing	index	connection size	thread female	used together with	working working
Collar  MP  HP	SS-UHP-CLR-04-MP	MP 1/4”	1/4”-28 UNF LH	SS-UHP-GN-04-MP	MP 20000 psi 1380 bar
	SS-UHP-CLR-06-MP	MP 3/8”	3/8”-24 UNF LH	SS-UHP-GN-06-MP	
	SS-UHP-CLR-09-MP	MP 9/16”	9/16”-18 UNF LH	SS-UHP-GN-09-MP	
	SS-UHP-CLR-12-MP	MP 3/4”	3/4”-16 UNF LH	SS-UHP-GN-12-MP	
	SS-UHP-CLR-16-MP	MP 1”	1”-14 UNF LH	SS-UHP-GN-16-MP	
	SS-UHP-CLR-04-HP	HP 1/4”	1/4”-28 UNF LH	SS-UHP-GN-04-HP / SS-UHP-GN-M16	HP 60000 psi 4140 bar
	SS-UHP-CLR-06-HP	HP 3/8”	3/8”-24 UNF LH	SS-UHP-GN-06-HP / SS-UHP-GN-M20	
	SS-UHP-CLR-09-HP	HP 9/16”	9/16”-18 UNF LH	SS-UHP-GN-09-HP / SS-UHP-GN-M26 / SS-UHP-GN-M30	
	SS-UHP-CLR-M14	HP M14	M14x1,5 LH	SS-UHP-GN-M30 / SS-UHP-GN-M26	
	SS-UHP-CLR-M18	HP M18	M18x1,5 LH	SS-UHP-GN-M30-M18	

drawing	index	connection size	nut male thread	used together with	working working
Nut  MP  HP	SS-UHP-GN-04-MP	MP 1/4”	7/16”-20 UNF	SS-UHP-CLR-04-MP	MP 20000 psi 1380 bar
	SS-UHP-GN-06-MP	MP 3/8”	9/16”-18 UNF	SS-UHP-CLR-06-MP	
	SS-UHP-GN-09-MP	MP 9/16”	13/16”-16 UNF	SS-UHP-CLR-09-MP	
	SS-UHP-GN-12-MP	MP 3/4”	3/4”-14 NPSM	SS-UHP-CLR-12-MP	
	SS-UHP-GN-16-MP	MP 1”	1.3/8”-12 UNF	SS-UHP-CLR-16-MP	
	SS-UHP-GN-04-HP	HP 1/4”	9/16”-18 UNF	SS-UHP-CLR-04-HP	HP 60000 psi 4140 bar
	SS-UHP-GN-06-HP	HP 3/8”	3/4”-16 UNF	SS-UHP-CLR-06-HP	
	SS-UHP-GN-09-HP	HP 9/16”	1.1/8”-12 UNF	SS-UHP-CLR-09-HP	
	SS-UHP-GN-M16	HP 1/4”	M16x1,5	SS-UHP-CLR-04-HP	
	SS-UHP-GN-M20	HP 3/8”	M20x1,5	SS-UHP-CLR-06-HP	
	SS-UHP-GN-M26	HP 9/16”	M26x1,5	SS-UHP-CLR-09-HP / SS-UHP-CLR-M14	
	SS-UHP-GN-M30	HP M14	M30x2	SS-UHP-CLR-09-HP / SS-UHP-CLR-M14	
	SS-UHP-GN-M30-M18	HP M18	M30x2	SS-UHP-CLR-M18	

drawing	index	connection size	nut male thread	notes	working working
Anti-vibration nut  MP HP	SS-UHP-GN-04-MP-AV	MP 1/4”	7/16”-20 UNF	a set incorporating a collar with a female thread for the tube	MP 20000 psi 1380 bar
	SS-UHP-GN-06-MP-AV	MP 3/8”	9/16”-18 UNF		
	SS-UHP-GN-09-MP-AV	MP 9/16”	13/16”-16 UNF		
	SS-UHP-GN-12-MP-AV	MP 3/4”	3/4”-14 NPSM		
	SS-UHP-GN-16-MP-AV	MP 1”	1.3/8”-12 UNF		
	SS-UHP-GN-04-HP-AV	HP 1/4”	9/16”-18 UNF	a set incorporating a collar with a female thread for the tube	HP 60000 psi 4140 bar
	SS-UHP-GN-06-HP-AV	HP 3/8”	3/4”-16 UNF		
	SS-UHP-GN-09-HP-AV	HP 9/16”	1.1/8”-12 UNF		

drawing	index	connection size	used together with	working working
Cap  MP HP	SS-UHP-HMM-04-PLUG	MP 1/4”	SS-UHP-GN-04-MP	MP 20000 psi 1380 bar
	SS-UHP-HMM-06-PLUG	MP 3/8”	SS-UHP-GN-06-MP	
	SS-UHP-HMM-09-PLUG	MP 9/16”	SS-UHP-GN-09-MP	
	SS-UHP-HMM-12-PLUG	MP 3/4”	SS-UHP-GN-12-MP	
	SS-UHP-HMM-16-PLUG	MP 1”	SS-UHP-GN-16-MP	
	SS-UHP-HHM-04-PLUG	HP 1/4”	SS-UHP-GN-04-HP / SS-UHP-GN-M16	HP 60000 psi 4140 bar
	SS-UHP-HHM-06-PLUG	HP 3/8”	SS-UHP-GN-06-HP / SS-UHP-GN-M20	
	SS-UHP-HHM-09-PLUG	HP 9/16”	SS-UHP-GN-09-HP / SS-UHP-GN-M26 / SS-UHP-GN-M30	