



37°/45° JIC/SAE Flare Hydraulic Hose Adapters



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(M)NPT Size (in.)	Male SAE Size (in.)	Max. Working Pressure (psi)	Mfr. Model	Item No.
45° Flare, Male NPT Brass				
1/8 in-27	1/16"-20	1000	2000-2-4B	14L769
1/4 in-18	1/16"-20	1000	2000-4-4B	14L770
1/4 in-18	1/8"-18	1000	2000-4-5B	14L771
1/2 in-14	3/8"-18	1000	2000-4-6B	14L772
1/2 in-14	1/2"-14	1000	2000-8-8B	14L773
3/4 in-14	1 1/16"-14	1000	2000-12-12B	14L768
45° Flare, Male NPT, 90° Elbow				
1/4 in-18	1/16"-20	1000	2003-4-4B	14L774
1/4 in-18	3/8"-18	1000	2003-4-6B	14L775
1/4 in-18	3/4"-16	1000	2003-4-8B	14L776
3/8 in-18	3/4"-16	1000	2003-6-10B	14L777
1/2 in-14	1 1/16"-14	1000	2003-8-8B	14L778

(M)NPT Size (in.)	Male JIC Size (in.)	Max. Working Pressure @ 70°F	Overall Length	Mfr. Model	Item No.
37° (M)NPT to (M)JIC Carbon Steel					
1/8"-27	1/16"-20	8,500 psi	0.72 in	2023-2-4S	6W445
1/4"-18	1/16"-20	8,500 psi	0.86 in	2023-4-4S	6W446
1/4"-18	3/16"-18	7,000 psi	0.86 in	2023-4-6S	6W447
3/8"-18	3/16"-18	7,000 psi	0.95 in	2023-6-6S	6W448
3/8"-18	3/4"-16	6,000 psi	0.98 in	2023-6-8S	6W449
1/2"-14	3/4"-16	6,000 psi	1.17 in	2023-8-8S	6W450
3/4"-14	1 1/16"-12	4,000 psi	1.2 in	2023-12-12S	2F311
1"-11-1/2	1 1/16"-12	3,500 psi	3 in	2023-16-16S	4VRD2

(M)NPT to 37° (M)JIC, 90° Elbow	Max. Working Pressure @ 70°F	Overall Length	Mfr. Model	Item No.	
1/8"-27	8,500 psi	0.78 in	2024-2-4S	6W439	
1/4"-18	8,500 psi	1.09 in	2024-4-4S	6W440	
1/4"-18	8,500 psi	1.09 in	2024-4-5S	2F319	
1/4"-18	7,000 psi	1.09 in	2024-4-6S	6W441	
3/8"-18	8,000 psi	1.22 in	2024-6-4S	2F321	
3/8"-18	8,000 psi	1.12 in	2024-6-5S	14L783	
3/8"-18	8,000 psi	1.22 in	2024-6-6S	6W442	
3/8"-18	6,000 psi	1.25 in	2024-6-8S	6W443	
3/4"-14	5,000 psi	1.59 in	2024-12-8S	4VRD7	
1/2"-14	5,000 psi	1.47 in	2024-8-10S	2F323	
1/2"-14	6,000 psi	1.47 in	2024-8-6S	2F325	
1/2"-14	3/4"-16	6,000 psi	1.47 in	2024-8-8S	6W444
1/2"-14	1 1/16"-12	4,000 psi	1.59 in	2024-8-12S	4VRD6
3/4"-14	1 1/16"-12	4,000 psi	1.59 in	2024-12-12S	2F313
3/4"-14	1 1/16"-12	3,500 psi	1.78 in	2024-12-16S	4VRD8
1"-11-1/2	1 1/16"-12	4,000 psi	1.97 in	2024-16-12S	4VRD9
1"-11-1/2	1 1/16"-12	3,500 psi	1.97 in	2024-16-16S	2F315
1 1/4"-11-1/2	1 1/16"-12	3,000 psi	2.06 in	2024-20-20S	14L782

316 Stainless Steel	Max. Working Pressure	Mfr. Model	Item No.
1/8"-27	4,000 psi	J4MEBO	4HM24
1/4"-18	4,500 psi	J4MEBO	4HM22
1/4"-18	4,000 psi	J5-4MEBO	4HM26
1/4"-18	4,000 psi	J6MEBO	4HM30
3/8"-18	4,000 psi	J6-6MEBO	4HM28
3/8"-18	4,000 psi	J8MEBO	4HM34
3/4"-14	5,000 psi	2024-12-8SS	4VRD3
3/4"-14	3,500 psi	2024-12-16SS	4VRD4
1/2"-14	6,000 psi	2024-8-4SS	4VRD5
1/2"-14	4,000 psi	J8-8MEBO	4HM32
1/2"-14	3,000 psi	J10MEBO	4HM18
3/4"-14	3,000 psi	J12MEBO	4HM20
1"-11-1/2	4,000 psi	2024-16-12SS	4VRE1
1"-11-1/2	4,000 psi	2024-16-16SS	4VRE2

(M)NPT to 37° (M)JIC, Straight Bulkhead	Max. Working Pressure @ 70°F	Overall Length	Mfr. Model	Item No.
Carbon Steel				
1/4"-18	7,000 psi	2.12 in	2240-4-6S	4VRF1
1/4"-18	8,500 psi	2.03 in	2240-4-4S	4VR9E
3/8"-18	6,000 psi	2.36 in	2240-6-8S	4VRF2
1/2"-14	5,500 psi	2.71 in	2240-8-10S	4VRF3
3/4"-14	4,000 psi	3.22 in	2240-12-12S	4VRF4
1"-11-1/2	3,500 psi	3.11 in	2240-16-16S	4VRF5

(M)NPT to 37° (M)JIC, Straight	Max. Working Pressure @ 70°F	Overall Length	Mfr. Model	Item No.
Carbon Steel				
1/8"-27	8,500 psi	1.22 in	2021-2-4S	6W433
1/4"-18	7,000 psi	1.2 in	2021-2-6S	2F297
1/4"-18	8,500 psi	1.42 in	2021-4-4S	6W434
1/4"-18	8,500 psi	1.42 in	2021-4-5S	2F301
1/4"-18	7,000 psi	1.43 in	2021-4-6S	6W435
1/4"-18	6,000 psi	1.53 in	2021-4-8S	2F303
3/8"-18	8,000 psi	1.42 in	2021-6-4S	2F305
3/8"-18	8,000 psi	1.42 in	2021-6-5S	14L781
3/8"-18	7,000 psi	1.43 in	2021-6-6S	6W436
3/8"-18	6,000 psi	1.53 in	2021-6-8S	6W437
3/8"-18	5,500 psi	1.7 in	2021-6-10S	4VRF8
1/2"-14	6,000 psi	1.68 in	2021-8-4S	4VRG1
1/2"-14	6,000 psi	1.69 in	2021-8-6S	4VRG3
1/2"-14	6,000 psi	1.79 in	2021-8-8S	6W438
1/2"-14	5,500 psi	1.89 in	2021-8-10S	2F307
1/2"-14	4,000 psi	2.06 in	2021-8-12S	2F309
3/4"-14	5,000 psi	1.85 in	2021-12-8S	2F291
3/4"-14	5,000 psi	1.95 in	2021-12-10S	4VRG7
3/4"-14	4,000 psi	2.06 in	2021-12-12S	3F815
3/4"-14	4,000 psi	2.06 in	2021-12-14S	4VRG9
1 1/16"-12	3,500 psi	2.11 in	2021-12-16S	2F289
1"-11-1/2	4,000 psi	2.25 in	2021-16-12S	2F293
1"-11-1/2	4,000 psi	2.3 in	2021-16-16S	2F295
1"-11-1/2	4,000 psi	1.89 in	2021-16-8S	4VRH5
1 1/4"-11-1/2	3,000 psi	2.45 in	2021-20-20S	2F299
1 1/2"-11-1/2	2,000 psi	2.68 in	2021-24-24S	14L779
2"-11-1/2	1,250 psi	3.11 in	2021-32-32S	14L780

316 Stainless Steel	Max. Working Pressure	Mfr. Model	Item No.
1/8"-27	4,500 psi	J4CBO	4HM23
1/4"-18	4,500 psi	J4-CBO	4HM21
1/4"-18	4,000 psi	J5-CBO	4HM25
1/4"-18	4,000 psi	J6CBO	4HM29
3/8"-18	6,000 psi	2021-6-8SS	4VRF6
3/8"-18	4,000 psi	2021-6-4SS	4VRF7
3/8"-18	4,000 psi	J8-CBO	4HM27
3/8"-18	4,000 psi	J8-CBO	4HM33
3/8"-18	5,500 psi	2021-6-10SS	4VRF9
1/2"-14	6,000 psi	2021-8-4SS	4VRG2
1/2"-14	6,000 psi	2021-8-6SS	4VRG4
1/2"-14	6,000 psi	2021-8-12SS	4VRG5
3/4"-14	5,000 psi	2021-12-8SS	4VRG6
3/4"-14	5,000 psi	2021-12-10SS	4VRG8
3/4"-14	3,000 psi	J12CBO	4HM19
3/4"-14	4,000 psi	2021-12-14SS	4VRH1
3/4"-14	3,500 psi	2021-12-16SS	4VRH2
1/2"-14	4,000 psi	J8-CBO	4HM31
1/2"-14	3,000 psi	J10CBO	4HM17
1"-11-1/2	3,500 psi	2021-16-12SS	4VRH3
1"-11-1/2	3,500 psi	2021-16-16SS	4VRH4

(M)NPT to 37° (M)JIC, Tee	Max. Working Pressure @ 70°F	Overall Length	Mfr. Model	Item No.
Carbon Steel				
1/4"-18	8,500 psi	2.1 in	2030-4-4S	4VR3C
1/4"-18	7,000 psi	2.12 in	2030-4-6S	4VR3E
3/8"-18	7,000 psi	2.12 in	2030-6-6S	4VR3E
1/2"-14	6,000 psi	2.66 in	2030-8-8S	4VR3E
3/4"-14	4,000 psi	3.32 in	2030-12-12S	4VR3E
1"-11-1/2	3,500 psi	3.62 in	2030-16-16S	4VR3E

SAE (ORB) to NPSM Swivel Hydraulic Hose Adapters



Fitting Size (NPSM)	Male SAE Size (in.)	Max. Working Pressure (psi)	Item No.
Male SAE (ORB) to Female NPSM Swivel, 45° Elbow			
3/8"-18	3/16"-18	4000	4VRW7
1/2"-14	3/4"-16	3500	4VRW8
1/2"-14	7/8"-14	3500	4VRW9
3/4"-14	1 1/16"-12	3500	4VRX1
1"-11-1/2	1 1/16"-12	3000	4VRX2
Male SAE (ORB) to Female NPSM Swivel, 90° Elbow			
1/4"-18	1/16"-20	5000	4VRX3
3/8"-18	3/16"-18	4000	4VRX4
1/2"-14	7/8"-14	3500	4VRX5
1/2"-14	3/4"-16	3500	4VRX6
3/4"-14	1 1/16"-12	3500	4VRX7
1"-11-1/2	1 1/16"-12	3000	4VRX8
1 1/4"-11-1/2	1 1/16"-12	2000	4VRX9
Male SAE (ORB) to Female NPSM Swivel, Straight			
1/4"-18	1/16"-20	5000	4VRW3
3/8"-18	3/16"-18	4000	2F419
1/2"-14	3/4"-16	3500	2F421
1/2"-14	7/8"-14	3500	4HL65
3/4"-14	1 1/16"-12	3500	4HL63
1"-11-1/2	1 1/16"-12	3000	4VRW4
1 1/4"-11-1/2	1 1/16"-12	2000	4VRW5
1 1/2"-11-1/2	1 1/16"-12	1500	4VRW6

Male SAE (ORB) to Female SAE (ORB), Reducers	Max. Working Pressure (psi)	Item No.
1/16"-20	3500	4VRZ5
1/16"-20	3000	4VRZ6
3/16"-18	4500	4VRZ7
3/16"-18	3000	4VRZ8
3/16"-18	3500	4VRZ9
3/4"-16	2500	4VTA1
7/8"-14	3500	4VTA2
7/8"-14	3000	4VTA3
7/8"-14	1800	4VTA4
1 1/16"-12	3500	4VTA5
1 1/16"-12	3000	4VTA6
1 1/16"-12	2500	4VTA7
1 1/16"-12	1600	4VTA8
1 1/16"-12	3000	4VTA9
1 1/16"-12	2500	4VTC1
1 1/16"-12	1800	4VTC2
1 1/16"-12	1500	4VTC3
1 1/16"-12	1800	4VTC4
1 1/16"-12	1600	4VTC5

(F)NPT Size	Male SAE Size (in.)	Max. Working Pressure (psi)	Item No.
Male SAE (ORB) to Female NPT, Straight			
1/4"-18	1/16"-20	4500	4VR22
3/8"-18	3/16"-18	4500	4VR33
3/8"-18	1/16"-18	3500	4VR34
3/8"-18	3/4"-16	3500	4VR35
3/8"-18	7/8"-14	3500	4VR36
1/2"-14	3/4"-16	3500	4VR37
1/2"-14	7/8"-14	3500	4VR38
1/2"-14	1 1/16"-12	3500	4VR39
3/4"-14	7/8"-14	3000	4VR22
3/4"-14	1 1/16"-12	3000	4VR22
3/4"-14	1 1/16"-12	3000	4VR23
1 - 1 1/2	1 1/16"-12	2500	4VR24
Male ORB, Plug			
1/16 in-20	7500	4VRU9	
3/16 in-18	7500	4VRV1	
1/2 in-20	5000	38YN85	
3/4 in-16	7500	4VRV2	
7/8 in-14	7500	4VRV3	
1 1/16 in-12	5000	4VRV4	
1 1/16 in-12	4500	4VRV5	
1 1/16 in-12	2500	38YN82	
1 1/16 in-12	2500	38YN83	
2 1/2 in-12	2000	38YN84	
Male SAE (ORB), Hex Socket Plug			
1/16 in-20	7500	4VRV6	
3/16 in-18	7500	4VRV7	
1/2 in-20	7500	4VRV8	
3/4 in			