








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


■ More sizes and fittings are available on Grainger.com


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


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


	(M)NPT to 37° (M)JIC, 90° Elbow					
	1/8-27	1/8-20	8,500	0.78	2024-2-4S	6W439
	1/4-18	1/8-20	8,500	1.09	2024-4-4S	6W440
	1/4-18	1/2-20	8,500	1.09	2024-4-5S	2F319
	1/4-18	3/8-18	7,000	1.09	2024-4-6S	6W441
	3/8-18	3/8-18	8,000	1.12	2024-6-4S	2F321
	3/8-18	1/2-20	8,000	1.12	2024-6-6S	14L763
	3/8-18	3/4-16	7,000	1.22	2024-6-8S	6W442
	3/8-18	3/4-16	6,000	1.25	2024-8-8S	6W443
	3/4-14	3/4-16	5,000	1.59	2024-12-8S	4VRD7
	1/2-14	3/4-16	5,000	1.47	2024-8-10S	2F323
	1/2-14	3/8-18	6,000	1.47	2024-8-6S	2F325
	1/2-14	3/4-16	6,000	1.47	2024-8-8S	6W444
	1/2-14	1 1/8-12	4,000	1.59	2024-8-12S	4VRD6
	3/4-14	1 1/8-12	4,000	1.59	2024-12-12S	2F313
	3/4-14	1 1/8-12	3,500	1.78	2024-12-16S	4VRD8
	1-11-1/2	1 1/8-12	4,000	1.97	2024-16-12S	4VRD9
	1-11-1/2	1 1/8-12	3,500	1.97	2024-16-16S	2F315
	1 1/4-11-1/2	1 1/8-12	3,000	2.06	2024-20-20S	14L782

	316 Stainless Steel					
	3/4-14	—	5,000	—	2024-12-8SS	4VRD3
	3/4-14	1 1/8-12	3,500	—	2024-12-16SS	4VRD4
	1/2-14	1 1/8-12	6,000	—	2024-8-4SS	4VRD5
	1/2-14	—	4,000	—	J8-8MEBO	4HM32
	1-11-1/2	1 1/8-12	4,000	—	2024-16-12SS	4VRE1
	1-11-1/2	1 1/8-12	4,000	—	2024-16-16SS	4VRE2

	(M)NPT to 37° (M)JIC, Straight Bulkhead Carbon Steel					
	1/4-18	3/8-18	7,000	2.12	2240-4-6S	4VRF1
	1/4-18	1/2-20	8,500	2.03	2240-4-4S	4VRF9
	3/8-18	3/4-16	6,000	2.36	2240-6-8S	4VRF2
	1/2-14	3/4-16	5,500	2.71	2240-8-10S	4VRF3
	3/4-14	1 1/8-12	4,000	2.92	2240-12-12S	4VRF4
	1-11-1/2	1 1/8-12	3,500	3.11	2240-16-16S	4VRF5

	(M)NPT to 37° (M)JIC, Straight					
	1/8-27	1/8-20	8,500	1.22	2021-2-4S	6W433
	1/8-27	3/8-18	7,000	1.2	2021-2-6S	2F297
	1/4-18	1/8-20	8,500	1.42	2021-4-4S	6W434
	1/4-18	1/2-20	8,500	1.42	2021-4-5S	2F301
	1/4-18	3/8-18	7,000	1.43	2021-4-6S	6W435
	3/8-18	3/8-18	6,000	1.53	2021-4-8S	2F303
	3/8-18	1/2-20	8,000	1.42	2021-4-4S	2F305
	3/8-18	1/2-20	8,000	1.42	2021-6-5S	14L781
	3/8-18	3/8-18	7,000	1.43	2021-6-6S	6W436
	3/8-18	3/4-16	6,000	1.53	2021-6-8S	6W437
	3/8-18	3/4-14	5,500	1.7	2021-6-10S	4VRF8
	1/2-14	3/4-20	6,000	1.68	2021-8-4S	4VRG1
	1/2-14	3/8-18	6,000	1.69	2021-8-6S	4VRG3
	1/2-14	3/4-16	6,000	1.79	2021-8-8S	6W438
	1/2-14	3/8-14	5,500	1.89	2021-8-10S	2F307
	1/2-14	1 1/8-12	4,000	2.06	2021-8-12S	2F309
	3/4-14	3/4-16	5,000	1.85	2021-12-8S	2F291
	3/4-14	3/8-14	5,000	1.95	2021-12-10S	4VRG7
	3/4-14	1 1/8-12	4,000	2.06	2021-12-12S	3F815
	3/4-14	1 1/8-12	4,000	2.06	2021-12-14S	4VRG9
	1 1/8-12	1 1/8-12	3,500	2.11	2021-12-16S	2F289
	1-11-1/2	1 1/8-12	4,000	2.25	2021-16-12S	2F293
	1-11-1/2	1 1/8-12	3,500	2.3	2021-16-16S	2F295
	1-11-1/2	3/4-16	4,000	1.89	2021-16-8S	4VRH5
	1 1/4-11-1/2	1 1/8-12	3,000	2.45	2021-20-20S	2F299
	1 1/2-11-1/2	1 1/8-12	2,000	2.68	2021-24-24S	14L779
	2-11-1/2	2 1/2-12	1,250	3.11	2021-32-32S	14L780

	316 Stainless Steel					
	1/8-27	1/8-20	4,500	1.22	J4CBO	4HM23
	1/4-18	1/8-20	4,500	1.42	J4-4CBO	4HM21
	1/4-18	1/2-20	4,000	1.42	J5-4CBO	4HM25
	1/4-18	3/8-18	4,000	1.43	J6CBO	4HM29
	1/4-18	3/4-16	6,000	1.53	2021-4-8SS	4VRF6
	3/8-18	3/8-18	6,000	1.42	2021-6-4SS	4VRF7
	3/8-18	3/8-18	4,000	1.43	J6-6CBO	4HM27
	3/8-18	3/4-16	4,000	1.53	J8CBO	4HM33
	3/8-18	3/4-14	5,500	1.7	2021-6-10SS	4VRF9
	1/2-14	3/4-20	6,000	1.68	2021-8-4SS	4VRG2
	1/2-14	3/8-18	6,000	1.69	2021-8-6SS	4VRG4
	1/2-14	1 1/8-12	6,000	2.06	2021-8-12SS	4VRG5
	3/4-14	3/4-16	5,000	1.85	2021-12-8SS	4VRG6
	3/4-14	3/8-14	5,000	1.95	2021-12-10SS	4VRG8
	3/4-14	1 1/8-12	3,000	2.06	J12CBO	4HM19
	3/4-14	1 1/8-12	4,000	2.06	2021-12-14SS	4VRH1
	3/4-14	1 1/8-12	3,500	2.11	2021-12-16SS	4VRH2
	1/2-14	3/4-16	4,000	1.79	J8-8CBO	4HM31
	1/2-14	3/8-14	3,000	1.89	J10CBO	4HM17
	1-11-1/2	1 1/8-12	3,500	2.25	2021-16-12SS	4VRH3
	1-11-1/2	1 1/8-12	3,500	2.3	2021-16-16SS	4VRH4

	(M)NPT to 37° (M)JIC, Tee Carbon Steel					
	1/4-18	1/8-20	8,500	2.1	2030-4-4S	4VRE3
	1/4-18	3/8-18	7,000	2.12	2030-4-6S	4VRE4
	3/8-18	3/8-18	7,000	2.12	2030-6-6S	4VRE5
	1/2-14	3/4-16	6,000	2.66	2030-8-8S	4VRE6
	3/4-14	1 1/8-12	4,000	3.32	2030-12-12S	4VRE7
	1-11-1/2	1 1/8-12	3,500	3.62	2030-16-16S	4VRE8

## 316 Stainless Steel 37° Flare Tube Fittings

■ Temp. range: -160° to 1200°F

Superior chemical, water, and corrosion resistance for extreme applications. Good sealing reliability. Use as an adapter to hose assemblies, or as a tube fitting with flared stainless seamless or welded tubing.

Suitable for chemical plants, food plants, hydraulic applications, manufacturing facilities, water treatment plants, and beverage plants. Meet SAE J514.



												
Tube Size	Flare Thread Size	Max. Pressure	Cap. JIC Item No.	Male Connector, Flare x MNPT Item No.	Male Elbow, 90°, Flare x JIC Item No.	Male Elbow, 90°, Flare x MNPT Item No.	Male Plug, 37°, Flare x JIC Item No.	Male Straight Union, Flare x Flare Item No.	Tube Nut, JIC Item No.	Tube Sleeve, Flare x JIC Item No.	90° Elbow Item No.	Straight Item No.
<b>Approved Vendor</b>												
<b>Airway</b>												
1/4 in	1/8-20	6000 psi	1LN18	—	1LN11	—	1LN06	1LNK7	1LN04	1LNW2	4HM24	—
3/8 in	1/2-20	6000 psi	1LN19	—	1LN12	—	1LN07	1LNK8	1LN05	1LNW3	—	4HM23
1/2 in	3/8-18	6000 psi	1LN20	—	1LN13	—	1LN08	1LNK9	1LN06	1LNW4	4HM22	4HM21
3/4 in	1/2-14	6000 psi	1LN21	—	1LN14	—	1LN09	1LNK10	1LN07	1LNW5	4HM20	4HM19
1 in	1 1/8-12	4800 psi	1LN22	—	1LN15	—	1LN10	1LNK11	1LN08	1LNW6	4HM28	4HM27
1 1/4 in	1 1/8-12	3000 psi	1LN23	—	1LN16	—	1LN11	1LNK12	1LN09	1LNW7	4HM34	4HM33
1 1/2 in	1 1/8-12	3000 psi	1LN24	—	—	—	1LN12	1LNK13	1LN10	—	4HM32	4HM31
2 in	1 1/8-12	3000 psi	—	1LNH3	1LN17	1LNH4	1LN13	1LNK14	1LN11	1LNW8	4HM18	4HM17
2 1/2 in	1 1/8-12	3000 psi	—	—	—	—	1LN14	1LNK15	1LN12	—	4HM20	4HM19