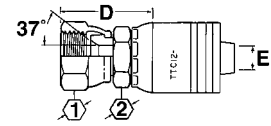
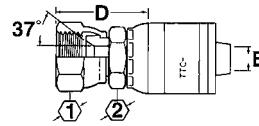
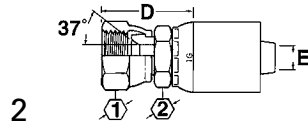
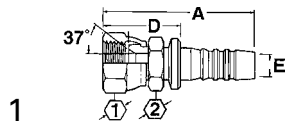


Female JIC/SAE 37° Swivel (FJ)



Global Nipples for use with Hose: *Clamp:* 2661 (-12 thru -20), FC619 (-12 thru -20). *Socket 1SA:* 2681, FC310, FC510, FC639/FC839B (-4 thru -8), GH194 (-4 thru -20), GH663, GH681. *Socket 1SB:* 2781, FC195, FC466, FC498, FC598, FC579, FC639/FC839B (-10 thru -16), FC735 (-4 thru -20), FC849/FC849B (-06 thru -12), GH120 (-4 thru -20), GH195, GH781 (-04 thru -20), GH793, 2766.

Global OTC Fittings for use with Hose: 2583, 2661, FC466, FC498, FC598, FC619, FC699

Global TTC Fittings for use with Hose: 2661(-12 thru -32), FC310, FC510, FC579, FC611, FC619 (-12 thru -32), FC639/FC839B, FC693, FC735, FC849/FC849B, GH120, GH194, GH195, GH663, GH681-6, GH781, GH793.

Global TTC12 Fittings for use with Hose: FC636, FC736, GH493, EC525.

| 1 | 2 | 3 | 4 | Thd. | Hose Size | A | | D | | EØ | | ① | ② |
|-----------|-----------|--------------|-----------|-----------|-----------|-------|------|------|------|------|------|-------|-------|
| | | | | | | mm | in | mm | in | mm | in | in | in |
| 1SA3FJ3 | — | — | — | 3/8-24 | -03 | 42,3 | 1.69 | 25,4 | 1.00 | 2,5 | 0.10 | 1/2 | 7/16 |
| 1SA4FJ3 | — | — | — | 7/16-20 | -03 | 42,3 | 1.69 | 25,4 | 1.00 | 2,5 | 0.10 | 9/16 | 7/16 |
| 1SA3FJ4 | 1GA3FJ4 | 1AA3FJ4 | — | 3/8-24 | -04 | 49,3 | 1.94 | 25,9 | 1.02 | 3,3 | 0.13 | 1/2 | 9/16 |
| 1SA4FJ4 | 1GA4FJ4 | 1AA4FJ4† | — | 7/16-20 | -04 | 50,8 | 2.00 | 27,2 | 1.07 | 4,3 | 0.17 | 9/16 | 9/16 |
| 1SA5FJ4 | 1GA5FJ4 | 1AA5FJ4 | — | 1/2-20 | -04 | 50,3 | 1.98 | 26,9 | 1.06 | 4,3 | 0.17 | 5/8 | 9/16 |
| 1SA6FJ4 | 1GA6FJ4 | 1AA6FJ4 | — | 9/16-18 | -04 | 51,6 | 2.03 | 28,2 | 1.11 | 4,3 | 0.17 | 11/16 | 9/16 |
| 1SA5FJ5 | 1GA5FJ5 | 1AA5FJ5 | — | 1/2-20 | -05 | 52,8 | 2.08 | 29,0 | 1.14 | 5,3 | 0.21 | 5/8 | 9/16 |
| 1SA6FJ5 | 1GA6FJ5 | 1AA6FJ5 | — | 9/16-18 | -05 | 52,3 | 2.06 | 28,4 | 1.12 | 5,3 | 0.21 | 11/16 | 9/16 |
| 1SA4FJ6 | 1GA4FJ6 | 1AA4FJ6 | 1BA4FJ6 | 7/16-20 | -06 | 55,6 | 2.19 | 30,2 | 1.19 | 4,3 | 0.17 | 9/16 | 11/16 |
| 1SA5FJ6 | 1GA5FJ6 | 1AA5FJ6 | — | 1/2-20 | -06 | 56,9 | 2.24 | 31,5 | 1.24 | 5,8 | 0.23 | 5/8 | 11/16 |
| 1SA6FJ6 | 1GA6FJ6 | 1AA6FJ6† | 1BA6FJ6 | 9/16-18 | -06 | 57,9 | 2.28 | 32,5 | 1.28 | 6,6 | 0.26 | 11/16 | 11/16 |
| 1SA8FJ6 | 1GA8FJ6 | 1AA8FJ6 | 1BA8FJ6 | 3/4-16 | -06 | 58,7 | 2.31 | 33,3 | 1.31 | 6,6 | 0.26 | 7/8 | 11/16 |
| 1SA10FJ6 | — | — | — | 7/8-14 | -06 | 61,5 | 2.42 | 36,3 | 1.43 | 6,6 | 0.26 | 1 | 13/16 |
| 1SA8FJ8 | 1GA8FJ8 | 1AA8FJ8† | 1BA8FJ8 | 3/4-16 | -08 | 66,8 | 2.63 | 37,1 | 1.46 | 9,7 | 0.38 | 7/8 | 13/16 |
| 1SA10FJ8 | 1GA10FJ8 | 1AA10FJ8 | 1BA10FJ8 | 7/8-14 | -08 | 67,1 | 2.64 | 37,3 | 1.47 | 9,7 | 0.38 | 1 | 13/16 |
| 1SA12FJ8 | 1GA12FJ8 | 1AA12FJ8 | 1BA12FJ8 | 1 1/16-12 | -08 | 69,3 | 2.73 | 39,6 | 1.56 | 9,7 | 0.38 | 1 1/4 | 1 |
| 1SA16FJ8 | 1GA16FJ8 | 1AA16FJ8 | 1BA16FJ8 | 1 5/16-12 | -08 | 77,7 | 3.06 | 48,0 | 1.89 | 9,7 | 0.38 | 1 1/2 | 1 1/4 |
| 1SA8FJ10 | — | 1AA8FJ10 | — | 3/4-16 | -10 | 67,3 | 2.65 | 38,1 | 1.50 | 9,9 | 0.39 | 7/8 | 15/16 |
| 1SA10FJ10 | 1GA10FJ10 | 1AA10FJ10† | 1BA10FJ10 | 7/8-14 | -10 | 70,4 | 2.77 | 40,9 | 1.61 | 12,7 | 0.50 | 1 | 15/16 |
| 1SA12FJ10 | 1GA12FJ10 | 1AA12FJ10 | 1BA12FJ10 | 1 1/16-12 | -10 | 69,1 | 2.72 | 39,9 | 1.57 | 12,7 | 0.50 | 1 1/4 | 1 |
| 1SA10FJ12 | 1GA10FJ12 | 1AA10FJ12 | 1BA10FJ12 | 7/8-14 | -12 | 71,4 | 2.81 | 41,4 | 1.63 | 12,2 | 0.48 | 1 | 1 1/8 |
| 1SA12FJ12 | 1GA12FJ12 | 1AA12FJ12† | 1BA12FJ12 | 1 1/16-12 | -12 | 72,1 | 2.84 | 41,9 | 1.65 | 15,5 | 0.61 | 1 1/4 | 1 1/8 |
| 1SA14FJ12 | 1GA14FJ12 | 1AA14FJ12 | 1BA14FJ12 | 1 3/16-12 | -12 | 72,1 | 2.84 | 41,9 | 1.65 | 15,5 | 0.61 | 1 3/8 | 1 1/8 |
| 1SA16FJ12 | 1GA16FJ12 | 1AA16FJ12 | 1BA16FJ12 | 1 5/16-12 | -12 | 73,9 | 2.91 | 43,7 | 1.72 | 15,5 | 0.61 | 1 1/2 | 1 1/4 |
| 1SA12FJ16 | 1GA12FJ16 | 1AA12FJ16 | 1BA12FJ16 | 1 1/16-12 | -16 | 80,0 | 3.15 | 45,7 | 1.80 | 15,5 | 0.61 | 1 1/4 | 1 3/8 |
| 1SA16FJ16 | 1GA16FJ16 | 1AA16FJ16† | 1BA16FJ16 | 1 5/16-12 | -16 | 83,6 | 3.29 | 49,0 | 1.93 | 20,6 | 0.81 | 1 1/2 | 1 3/8 |
| 1SA20FJ16 | 1GA20FJ16 | 1AA20FJ16 | 1BA20FJ16 | 1 5/8-12 | -16 | 80,5 | 3.17 | 46,0 | 1.81 | 20,6 | 0.81 | 2 | |
| 1SA16FJ20 | 1GA16FJ20 | — | 1BA16FJ20 | 1 5/16-12 | -20 | 87,9 | 3.46 | 43,9 | 1.73 | 21,6 | 0.85 | 1 1/2 | |
| — | — | 1AR16FJ20* | — | 1 5/16-12 | -20 | 87,9 | 3.46 | 43,9 | 1.73 | 21,6 | 0.85 | 1 1/2 | |
| — | — | 1AV16FJ20** | — | 1 5/16-12 | -20 | 87,9 | 3.46 | 43,9 | 1.73 | 21,6 | 0.85 | 1 1/2 | |
| 1SA20FJ20 | 1GA20FJ20 | — | 1BA20FJ20 | 1 5/8-12 | -20 | 91,7 | 3.61 | 47,8 | 1.88 | 26,7 | 1.05 | 2 | |
| — | — | 1AR20FJ20*† | — | 1 5/8-12 | -20 | 91,7 | 3.61 | 47,8 | 1.88 | 26,7 | 1.05 | 2 | |
| — | — | 1AV20FJ20**† | — | 1 5/8-12 | -20 | 91,7 | 3.61 | 47,8 | 1.88 | 26,7 | 1.05 | 2 | |
| 1SA24FJ20 | — | — | 1BA24FJ20 | 1 7/8-12 | -20 | 95,5 | 3.76 | 51,6 | 2.03 | 26,7 | 1.05 | 2 1/4 | |
| 1SA24FJ24 | 1GA24FJ24 | 1AA24FJ24 | 1BA24FJ24 | 1 7/8-12 | -24 | 99,1 | 3.90 | 52,6 | 2.07 | 32,0 | 1.26 | 2 1/4 | |
| 1SA24FJ32 | 1GA24FJ32 | 1AA24FJ32 | — | 1 7/8-12 | -32 | 103,9 | 4.09 | 53,8 | 2.12 | 33,3 | 1.31 | 2 1/4 | |
| 1SA32FJ32 | 1GA32FJ32 | 1AA32FJ32 | — | 2 1/2-12 | -32 | 110,2 | 4.34 | 60,7 | 2.39 | 44,5 | 1.75 | 2 7/8 | |
| — | — | — | 1BA32FJ32 | 2 1/2-12 | -32 | 122,4 | 4.82 | 59,2 | 2.33 | 44,5 | 1.75 | 2 7/8 | |

* Uses 1-wire braid hose socket.

**Uses 2-wire braid hose socket.

† Also available in stainless steel, add suffix "C" to part number, i.e., 1AA4FJ4C.