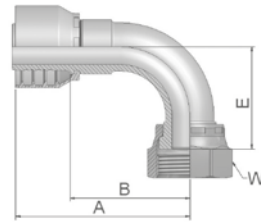


J9

Female ORFS – Swivel 90° Elbow – Short Drop

ISO 12151-1 – SWES
SAE J516 – ORFS 90°



| Part Number | | Hose I.D. | | | | Thread | A | B | E | W |
|-------------|-------------|-----------|-------|------|------|------------|-----|-----|----|----|
| 46 series | 48 series | DN | Inch | Size | mm | UNF | mm | mm | mm | mm |
| 1J946-4-4 | 1J948-4-4 | 6 | 1/4 | -4 | 6.4 | 9/16x18 | 52 | 29 | 21 | 17 |
| 1J946-6-4 | 1J948-6-4 | 6 | 1/4 | -4 | 6.4 | 11/16x16 | 51 | 27 | 23 | 22 |
| | 1J948-8-4 | 6 | 1/4 | -4 | 6.4 | 13/16x16 | 50 | 26 | 29 | 24 |
| 1J946-6-5 | 1J948-6-5 | 8 | 5/16 | -5 | 7.9 | 11/16x16 | 53 | 29 | 23 | 22 |
| 1J946-4-6 | 1J948-4-6 | 10 | 3/8 | -6 | 9.5 | 9/16x18 | 47 | 24 | 21 | 17 |
| 1J946-6-6 | 1J948-6-6 | 10 | 3/8 | -6 | 9.5 | 11/16x16 | 52 | 29 | 23 | 22 |
| 1J946-8-6 | 1J948-8-6 | 10 | 3/8 | -6 | 9.5 | 13/16x16 | 53 | 30 | 29 | 24 |
| 1J946-6-8 | 1J948-6-8 | 12 | 1/2 | -8 | 12.7 | 11/16x16 | 53 | 29 | 23 | 22 |
| 1J946-8-8 | 1J948-8-8 | 12 | 1/2 | -8 | 12.7 | 13/16x16 | 55 | 32 | 29 | 24 |
| 1J946-10-8 | 1J948-10-8 | 12 | 1/2 | -8 | 12.7 | 1x14 | 66 | 42 | 32 | 30 |
| 1J946-12-8 | 1J948-12-8 | 12 | 1/2 | -8 | 12.7 | 1 3/16x12 | 58 | 34 | 48 | 36 |
| 1J946-10-10 | 1J948-10-10 | 16 | 5/8 | -10 | 15.9 | 1x14 | 65 | 39 | 32 | 30 |
| 1J946-12-10 | 1J948-12-10 | 16 | 5/8 | -10 | 15.9 | 1 3/16x12 | 71 | 45 | 48 | 36 |
| 1J946-10-12 | 1J948-10-12 | 19 | 3/4 | -12 | 19.1 | 1x14 | 69 | 43 | 32 | 30 |
| 1J946-12-12 | 1J948-12-12 | 19 | 3/4 | -12 | 19.1 | 1 3/16x12 | 80 | 54 | 48 | 36 |
| 1J946-16-12 | | 19 | 3/4 | -12 | 19.1 | 1 7/16x12 | 88 | 62 | 56 | 41 |
| 1J946-12-16 | | 25 | 1 | -16 | 25.4 | 1 3/16x12 | 88 | 58 | 48 | 36 |
| | 1J948-12-16 | 25 | 1 | -16 | 25.4 | 1 3/16 12 | 88 | 58 | 48 | 36 |
| 1J946-16-16 | 1J948-16-16 | 25 | 1 | -16 | 25.4 | 1 7/16x12 | 98 | 68 | 56 | 41 |
| 1J946-20-16 | 1J948-20-16 | 25 | 1 | -16 | 25.4 | 1 11/16x12 | 104 | 74 | 64 | 50 |
| 1J946-20-20 | | 31 | 1 1/4 | -20 | 31.8 | 1 11/16x12 | 124 | 86 | 64 | 50 |
| | 1J948-20-20 | 31 | 1 1/4 | -20 | 31.8 | 1 11/16x12 | 129 | 82 | 64 | 50 |
| | 1J948-24-24 | 38 | 1 1/2 | -24 | 38.1 | 2x12 | 140 | 102 | 82 | 60 |

46/48 Series

Approved **fitting series** for hose types, depending on size: Also available in stainless steel. Details can be found in CAT 4400.1/UK

| | | | | | | | | | | | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|---------|------------|-------|-------|-----|-------|-------|------------|-------|-------|-----|-----|
| 46 or 48 | 441 | 461LT | 462 | 462TC | 462ST | 629PU | 692PU Twin | | | | | | | | | | |
| 46 | 463 | 492 | 492ST | 492TC | 692 | 692Twin | 692TC | BCH1 | | | | | | | | | |
| 48 | 301SN | 304 | 387 | 387ST | 387TC | 421RH | 421SN | 426 | 421TC | 436 | 441RH | 462PU | 462PU Twin | BCH2 | HT2 | ... | |
| | 471TC | 477 | 477ST | 477TC | 477RH | 487 | 487ST | 487TC | 493 | 787 | 787TC | 787ST | 797 | 797TC | 797ST | 811 | 881 |