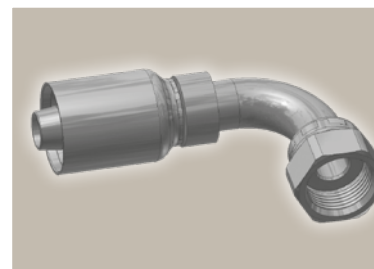
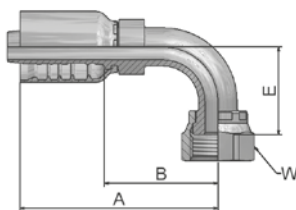


## J9 Female ORFS – Swivel 90° Elbow – Short Drop

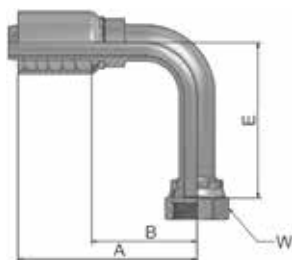
ISO 12151-1 – SWES  
SAE J516 – ORFS 90°



| Part Number | Hose I.D. |       |      |      | Thread<br>UNF | A<br>mm | B<br>mm | E<br>mm | W<br>mm |
|-------------|-----------|-------|------|------|---------------|---------|---------|---------|---------|
|             | DN        | Inch  | Size | mm   |               |         |         |         |         |
| 1J977-8-8   | 12        | 1/2   | -8   | 12,7 | 13/16x16      | 70,65   | 36      | 29      | 24      |
| 1J977-10-10 | 16        | 5/8   | -10  | 15,9 | 1x14          | 97      | 50      | 32      | 30      |
| 1J977-12-10 | 16        | 5/8   | -10  | 15,9 | 1 3/16x12     | 89      | 50      | 48      | 36      |
| 1J977-10-12 | 19        | 3/4   | -12  | 19,1 | 1x14          | 97      | 51      | 32      | 30      |
| 1J977-12-12 | 19        | 3/4   | -12  | 19,1 | 1 3/16x12     | 108     | 62      | 48      | 36      |
| 1J977-16-12 | 19        | 3/4   | -12  | 19,1 | 1 7/16x12     | 108     | 62      | 56      | 41      |
| 1J977-16-16 | 25        | 1     | -16  | 25,4 | 1 7/16x12     | 131     | 77      | 56      | 41      |
| 1J977-20-20 | 31        | 1 1/4 | -20  | 31,8 | 1 11/16x12    | 146     | 82      | 64      | 50      |
| 1J977-24-24 | 38        | 1 1/2 | -24  | 38,1 | 2x12          | 163     | 96      | 69      | 60      |

## J1 Female ORFS – Swivel 90° Elbow – Long Drop

ISO 12151-1 – SWEL  
SAE J 516 – ORFS 90° L



| Part Number | Hose I.D. |      |      |      | Thread<br>UNF | A<br>mm | B<br>mm | E<br>mm | W<br>mm |
|-------------|-----------|------|------|------|---------------|---------|---------|---------|---------|
|             | DN        | Inch | Size | mm   |               |         |         |         |         |
| 1J177-12-12 | 19        | 3/4  | -12  | 19,1 | 1 3/16x12     | 108     | 62      | 96      | 36      |
| 1J177-16-16 | 25        | 1    | -16  | 25,4 | 1 7/16x12     | 131     | 77      | 114     | 41      |

Approved **fitting series** for **hose types**, depending on size:

|           |        |       |       |     |       |       |     |       |       |     |       |       |       |     |
|-----------|--------|-------|-------|-----|-------|-------|-----|-------|-------|-----|-------|-------|-------|-----|
| <b>77</b> | 387    | 387ST | 387TC | 487 | 487ST | 487TC | 787 | 787TC | 787ST | 797 | 797TC | 797ST | 797RH | ... |
|           | SX42LT |       |       |     |       |       |     |       |       |     |       |       |       |     |