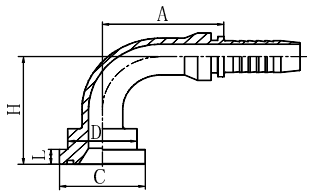
# SAE Flange Hose Fittings




**87391**
**87392**

90°法兰 L系列 / 61系列
90° FLANGE L SERIES / CODE 61

REF. ISO 12151-3 / SAE J516

| 代 号 PART NO. | | 法兰型号 | 软 管 HOSE SIZE | | 尺 寸 DIMENSIONS | | | | | O形圈 ** |
|---|---|---|---|---|---|---|---|---|---|---|
| 编织 BRAIDED | 缠绕SPIRAL | FLANGE SIZE | 公称内径 DN | 标号 DASH | A | C | D | H | L | O RING |
| 87391-08-08Z * | 87392-08-08Z | 1/2" | 12 | 08 | 41 | 30.2 | 24 | 47 | 6.73 | O210 N90 |
| 87391-12-08Z | 87392-12-08Z | 3/4" | 12 | 08 | 41 | 38.1 | 31.7 | 48 | 6.73 | O214 N90 |
| 87391-12-10Z | 87392-12-10Z | 3/4" | 16 | 10 | 56 | 38.1 | 31.7 | 52.5 | 6.73 | O214 N90 |
| 87391-12-12Z * | 87392-12-12Z * | 3/4" | 20 | 12 | 66.2 | 38.1 | 31.7 | 62 | 6.73 | O214 N90 |
| 87391-12-16Z | 87392-12-16Z | 3/4" | 25 | 16 | 76.7 | 38.1 | 31.7 | 67.5 | 6.73 | O214 N90 |
| 87391-16-12Z | 87392-16-12Z * | 1" | 20 | 12 | 65.5 | 44.4 | 38 | 62 | 8 | O219 N90 |
| 87391-16-16Z * | 87392-16-16Z * | 1" | 25 | 16 | 76.7 | 44.4 | 38 | 67.5 | 8 | O219 N90 |
| 87391-16-20Z | 87392N-16-20Z | 1" | 32 | 20 | 91.5/94.1 | 44.4 | 38 | 78.5 | 8 | O219 N90 |
| 87391-20-20Z * | 87392N-20-20Z * | 1.1/4" | 32 | 20 | 91.5/94.1 | 50.8 | 43 | 78.5 | 8 | O222 N90 |
| 87391-20-24Z | 87392N-20-24Z | 1.1/4" | 40 | 24 | 107/110 | 50.8 | 43 | 78.5 | 8 | O222 N90 |
| 87391-24-24Z * | 87392N-24-24Z * | 1.1/2" | 40 | 24 | 109.4/112.4 | 60.3 | 50 | 94 | 8 | O225 N90 |
| 87391-32-24Z | 87392N-32-24Z | 2" | 40 | 24 | 109.4/112.4 | 71.4 | 62 | 94 | 9.53 | O228 N90 |
| 87391-32-32Z * | 87392N-32-32Z * | 2" | 50 | 32 | 131.8/136.2 | 71.4 | 62 | 114.3 | 9.53 | O228 N90 |
| 87391-40-32Z | 87392N-40-32Z | 2.1/2" | 50 | 32 | 131.8/136.2 | 84.1 | 74 | 116.3 | 9.53 | O232 N90 |
| **ISO 12151-3 SHORT ELBOW ( ES )** | | | | | | | | | | |
| 87391-16-16H61Z | 87392-16-16H61Z | 1" | 25 | 16 | 76.7 | 44.4 | 38 | 61 | 8 | O219 N90 |
| 87391-20-16Z * | 87392-20-16Z * | 1.1/4" | 25 | 16 | 76.7 | 50.8 | 43 | 68 | 8 | O222 N90 |
| 87391-20-20H68Z | 87392N-20-20H68Z | 1.1/4" | 32 | 20 | 91.5/94.1 | 50.8 | 43 | 68 | 8 | O222 N90 |
| 87391-24-20Z | 87392N-24-20Z | 1.1/2" | 32 | 20 | 91.5/94.1 | 60.3 | 50 | 81 | 8 | O225 N90 |
| 87391-32-24H120Z | 87392N-32-24H120Z | 2" | 40 | 24 | 109.4/112.4 | 71.4 | 62 | 120 | 9.53 | O228 N90 |
| 87391-32-32H120Z | 87392N-32-32H120Z | 2" | 50 | 32 | 131.8/136.2 | 71.4 | 62 | 120 | 9.53 | O228 N90 |
| **ISO 12151-3 MEDIUM ELBOW ( EM )** | | | | | | | | | | |
| 87391-08-08H40Z | 87392-08-08H40Z | 1/2" | 12 | 08 | 41 | 30.2 | 24 | 40 | 6.73 | O210 N90 |
| 87391-12-08H58Z | 87392-12-08H58Z | 3/4" | 12 | 08 | 41 | 38.1 | 31.7 | 58 | 6.73 | O214 N90 |
| 87391-12-12H58Z | 87392-12-12H58Z | 3/4" | 20 | 12 | 66.2 | 38.1 | 31.7 | 58 | 6.73 | O214 N90 |
| 87391-16-12H70Z | 87392-16-12H70Z | 1" | 20 | 12 | 65.5 | 44.4 | 38 | 70 | 8 | O219 N90 |
| 87391-16-16H70Z | 87392-16-16H70Z | 1" | 25 | 16 | 76.7 | 44.4 | 38 | 70 | 8 | O219 N90 |
| 87391-20-16H90Z | 87392-20-16H90Z | 1.1/4" | 25 | 16 | 76.7 | 50.8 | 43 | 90 | 8 | O222 N90 |
| 87391-20-20H90Z | 87392N-20-20H90Z | 1.1/4" | 32 | 20 | 91.5/94.1 | 50.8 | 43 | 90 | 8 | O222 N90 |
| 87391-24-20H104Z | 87392N-24-20H104Z | 1.1/2" | 32 | 20 | 91.5/94.1 | 60.3 | 50 | 104 | 8 | O225 N90 |
| 87391-24-24H104Z | 87392N-24-24H104Z | 1.1/2" | 40 | 24 | 109.4/112.4 | 60.3 | 50 | 104 | 8 | O225 N90 |
| 87391-32-24H138Z | 87392N-32-24H138Z | 2" | 40 | 24 | 109.4/112.4 | 71.4 | 62 | 138 | 9.53 | O228 N90 |
| 87391-32-32H138Z | 87392N-32-32H138Z | 2" | 50 | 32 | 131.8/136.2 | 71.4 | 62 | 138 | 9.53 | O228 N90 |

1.尺寸A中"/"前尺寸适用于编织软管接头,"/"后尺寸适用于缠绕软管接头。
The dimension A before"/" is for braided hose fitting and after "/" is for spiral hose fitting.

2.代号后标有"* "为推荐选用的规格。Part no. marked with "*" is recommended.

3."** "为丁腈橡胶O形圈，需另外订购。当接头材质为不锈钢时，后缀N90需改为V80，O形圈材质为氟橡胶。
** NBR O-ring need another order. Use V80 replace N90 when the fitting material is stainless steel and the O-ring material is Viton.

4. 芯子材质选项。Material options for nipple.

| 芯子材质<br>Nipple material | 代号后缀<br>Part. No. suffix | 代号示例<br>Part No. example |
|---|---|---|
| 碳钢（默认） Carbon steel (Default) | TZ/WZ | 87391-12-12Z |
| 304不锈钢 304 stainless steel | SRT/SRW | 87391-12-12SR |
| 316L不锈钢 316L stainless steel | SVT/SVW | 87391-12-12SV |
| 316Ti不锈钢 316Ti stainless steel | SYT/SYW | 87391-12-12SY |

5.碳钢接头耐腐蚀性能选项。 Plating options and performance for carbon steel fittings.

| 表面处理方式<br>Plating method | 代号后缀<br>Part. No. suffix | 代号示例<br>Part No. example | 耐白锈（小时）<br>White rust (Hours) | 耐红锈（小时）<br>Red rust(Hours) |
|---|---|---|---|---|
| 三价铬镀锌（默认）Cr3+ plating (Default) | Z | 87391-12-12Z | 96 | 360 |
| Durakote镀锌 Durakote plating | ZD | 87391-12-12ZD | 360 | 720 |
| 镀锌镍 Zinc-nickel plating | ZN | 87391-12-12ZN | 1000 | - |