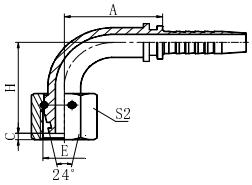
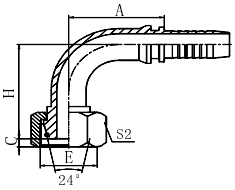
# DIN Hose Fittings S Series Elbow Connector




**20591-W**
**20592-W**




**20591-T**
**20592-T**

90° METRIC FEMALE 24°CONE O-RING S SERIES

REF. ISO 12151-2 / DIN 20066

| PART NO. | | THREAD E | HOSE SIZE | | TUBE O.D. | O-RING | DIMENSIONS | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BRAIDED | SPIRAL | | DN | DASH | | | A | C | H | S2 |
| 20591-14-04WZ | - | M16X1.5 | 6 | 04 | 6 | O04.5X1.5 | 30 | 1.1 | 30.5 | 17 |
| 20591-16-04TZ * | - | M16X1.5 | 6 | 04 | 8 | O06.5X1.5 | 30 | 1.8 | 31 | 19 |
| 20591-16-05WZ | - | M16X1.5 | 8 | 05 | 8 | O06.5X1.5 | 30 | 1.5 | 31 | 19 |
| 20591-18-04TZ * | - | M18X1.5 | 6 | 04 | 10 | O08.0X1.5 | 33 | 1.5 | 33.5 | 22 |
| 20591-18-05TZ | - | M18X1.5 | 8 | 05 | 10 | O08.0X1.5 | 33 | 1.5 | 33.5 | 22 |
| 20591-18-06TZ | 20592-18-06TZ | M18X1.5 | 10 | 06 | 10 | O08.0X1.5 | 37 | 1.5 | 35 | 22 |
| 20591-20-05TZ * | - | M20X1.5 | 8 | 05 | 12 | O10.0X1.5 | 34.5 | 2.5 | 35.5 | 24 |
| 20591-20-06TZ * | 20592-20-06TZ | M20X1.5 | 10 | 06 | 12 | O10.0X1.5 | 34.5 | 2.5 | 35.5 | 24 |
| 20591-20-08WZ | 20592-20-08WZ | M20X1.5 | 12 | 08 | 12 | O10.0X1.5 | 38 | 2.5 | 38 | 24 |
| 20591-22-06TZ | 20592-22-06TZ | M22X1.5 | 10 | 06 | 14 | O11.0X2.0 | 34.5 | 3 | 36 | 27 |
| 20591-22-08TZ | 20592-22-08TZ | M22X1.5 | 12 | 08 | 14 | O11.0X2.0 | 42 | 2.5 | 42.5 | 27 |
| 20591-24-06TZ | - | M24X1.5 | 10 | 06 | 16 | O13.0X2.0 | 39.5 | 3 | 43 | 30 |
| 20591-24-08TZ * | 20592-24-08TZ * | M24X1.5 | 12 | 08 | 16 | O13.0X2.0 | 39.5 | 3 | 43 | 30 |
| 20591-24-10WZ | 20592-24-10WZ | M24X1.5 | 16 | 10 | 16 | O13.0X2.0 | 45 | 3 | 45.5 | 30 |
| 20591-30-08TZ | 20592-30-08TZ | M30X2 | 12 | 08 | 20 | O16.3X2.4 | 49 | 2.5 | 49.5 | 36 |
| 20591-30-10TZ | 20592-30-10TZ | M30X2 | 16 | 10 | 20 | O16.3X2.4 | 49 | 2.5 | 49.5 | 36 |
| 20591-30-12TZ * | 20592-30-12TZ * | M30X2 | 20 | 12 | 20 | O16.3X2.4 | 55.8 | 2.5 | 54.5 | 36 |
| 20591-36-12TZ * | 20592-36-12TZ * | M36X2 | 20 | 12 | 25 | O20.3X2.4 | 56 | 3.2 | 59 | 46 |
| 20591-36-16WZ | 20592-36-16WZ | M36X2 | 25 | 16 | 25 | O20.3X2.4 | 56 | 3.2 | 59 | 46 |
| 20591-42-12TZ | 20592-42-12TZ | M42X2 | 20 | 12 | 30 | O25.3X2.4 | 71 | 3.9 | 70 | 50 |
| 20591-42-16TZ * | 20592-42-16TZ * | M42X2 | 25 | 16 | 30 | O25.3X2.4 | 71 | 3.9 | 70 | 50 |
| 20591-42-20WZ | 20592N-42-20WZ | M42X2 | 32 | 20 | 30 | O25.3X2.4 | 71 | 3.9 | 70 | 50 |
| 20591-52-20TZ * | 20592N-52-20TZ * | M52X2 | 32 | 20 | 38 | O33.3X2.4 | 93/95.6 | 4.5 | 86.5 | 60 |
| 20591-52-24TZ | 20592N-52-24TZ * | M52X2 | 40 | 24 | 38 | O33.3X2.4 | 109.4/112.4 | 4.5 | 100 | 60 |

1. The dimension A before"/" is for braided hose fitting and after "/" is for spiral hose fitting.
2. Part no. marked with "*" is recommended.
3. Material options for fitting and the O-ring.

| Fitting material | O-ring material | Part. No. suffix | Part No. example |
|---|---|---|---|
| Carbon steel (Default) | NBR | TZ/WZ | 20591-24-08TZ |
| 304 stainless steel | Viton | SRT/SRW | 20591-24-08SRT |
| 316L stainless steel | Viton | SVT/SVW | 20591-24-08SVT |
| 316Ti stainless steel | Viton | SYT/SYW | 20591-24-08SYT |

4. Plating options and performance for carbon steel fittings.

| Plating method | Part. No. suffix | Part No. example | White rust (Hours) | Red rust (Hours) |
|---|---|---|---|---|
| Cr3+ plating (Default) | Z | 20591-24-08TZ | 96 | 360 |
| Durakote plating | ZD | 20591-24-08TZD | 360 | 720 |
| Zinc-nickel plating | ZN | 20591-24-08TZN | 1000 | - |