

Sealing Rings

for Threaded Plugs DIN 908 / DIN 910,
Copper / Aluminum / Stainless Steel

SPECIFICATION

Type

- Type A: Flat gasket

Copper CU

Aluminum AL

Stainless steel AISI 316Ti A4

INFORMATION

The sealing rings listed in this standard sheet are only an extract of DIN 7603.

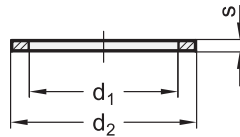
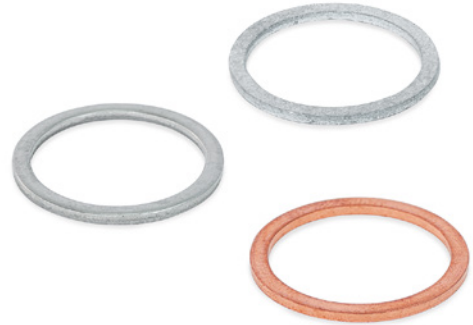
They are used in connection with threaded plugs DIN 908 (see page 1681) / DIN 910 (see page).

ON REQUEST

- Other sizes
- Other materials
- Other types

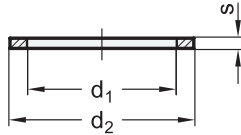
TECHNICAL INFORMATION

- Stainless Steel Characteristics (see page A26)



DIN 7603-CU

| Description | d1 Nominal dimension | d1 Actual dimension +0.3 | d2 Nominal dimension | d2 Actual dimension -0.2 | s ±0.2 | Suitable for DIN 908 / DIN 910 | ⚖ |
|-----------------------|----------------------------|--------------------------------|----------------------------|--------------------------------|--------|-----------------------------------|---|
| DIN 7603-CU-4-8-A | 4 | 4.2 | 8 | 7.9 | 1 | - | 1 |
| DIN 7603-CU-5-7,5-A | 5 | 5.2 | 7.5 | 7.4 | 1 | - | 1 |
| DIN 7603-CU-6,5-9,5-A | 6,5 | 6.7 | 9.5 | 9.4 | 1 | - | 1 |
| DIN 7603-CU-8-11,5-A | 8 | 8.2 | 11.5 | 11.4 | 1 | M 8 x 1 | 1 |
| DIN 7603-CU-10-13,5-A | 10 | 10.2 | 13.5 | 13.4 | 1 | M 10 x 1 G 1/8 | 1 |
| DIN 7603-CU-12-16-A | 12 | 12.2 | 16 | 15.9 | 1.5 | M 12 x 1.5 | 1 |
| DIN 7603-CU-14-18-A | 14 | 14.2 | 18 | 17.9 | 1.5 | M 14 x 1.5 G 1/4 | 1 |
| DIN 7603-CU-16-20-A | 16 | 16.2 | 20 | 19.9 | 1.5 | M 16 x 1.5 | 1 |
| DIN 7603-CU-17-21-A | 17 | 17.2 | 21 | 20.9 | 1.5 | G 3/8 | 1 |
| DIN 7603-CU-18-22-A | 18 | 18.2 | 22 | 21.9 | 1.5 | M 18 x 1.5 | 1 |
| DIN 7603-CU-20-24-A | 20 | 20.2 | 24 | 23.9 | 1.5 | M 20 x 1.5 | 2 |
| DIN 7603-CU-21-26-A | 21 | 21.2 | 26 | 25.9 | 1.5 | G 1/2 | 2 |
| DIN 7603-CU-22-27-A | 22 | 22.2 | 27 | 26.9 | 1.5 | M 22 x 1.5 | 2 |
| DIN 7603-CU-24-29-A | 24 | 24.3 | 29 | 28.9 | 2 | M 24 x 1.5 | 3 |
| DIN 7603-CU-26-31-A | 26 | 26.3 | 31 | 30.9 | 2 | M 26 x 1.5 | 3 |
| DIN 7603-CU-27-32-A | 27 | 27.3 | 32 | 31.9 | 2 | M 27 x 2 G 3/4 | 3 |
| DIN 7603-CU-30-36-A | 30 | 30.3 | 36 | 35.9 | 2 | M 30 x 1.5 | 4 |
| DIN 7603-CU-33-39-A | 33 | 33.3 | 39 | 38.9 | 2 | M 33 x 2 G 1 | 4 |
| DIN 7603-CU-42-49-A | 42 | 42.3 | 49 | 48.9 | 2 | M 42 x 2 G 1 1/4 | 7 |
| DIN 7603-CU-48-55-A | 48 | 48.3 | 55 | 54.9 | 2 | M 48 x 2 G 1 1/2 | 8 |



DIN 7603-AL

| Description | d1 Nominal dimension | d1 Actual dimension +0.3 | d2 Nominal dimension | d2 Actual dimension -0.2 | s ±0.2 | Suitable for DIN 908 / DIN 910 | ⚖ |
|-----------------------|----------------------------|--------------------------------|----------------------------|--------------------------------|--------|-----------------------------------|---|
| DIN 7603-AL-4-8-A | 4 | 4.2 | 8 | 7.9 | 1 | - | 1 |
| DIN 7603-AL-5-7,5-A | 5 | 5.2 | 7.5 | 7.4 | 1 | - | 1 |
| DIN 7603-AL-6,5-9,5-A | 6,5 | 6.7 | 9.5 | 9.4 | 1 | - | 1 |
| DIN 7603-AL-8-11,5-A | 8 | 8.2 | 11.5 | 11.4 | 1 | M 8 x 1 | 1 |
| DIN 7603-AL-10-13,5-A | 10 | 10.2 | 13.5 | 13.4 | 1 | M 10 x 1 G 1/8 | 1 |
| DIN 7603-AL-12-16-A | 12 | 12.2 | 16 | 15.9 | 1.5 | M 12 x 1.5 | 1 |
| DIN 7603-AL-14-18-A | 14 | 14.2 | 18 | 17.9 | 1.5 | M 14 x 1.5 G 1/4 | 1 |
| DIN 7603-AL-16-20-A | 16 | 16.2 | 20 | 19.9 | 1.5 | M 16 x 1.5 | 1 |
| DIN 7603-AL-17-21-A | 17 | 17.2 | 21 | 20.9 | 1.5 | G 3/8 | 1 |
| DIN 7603-AL-18-22-A | 18 | 18.2 | 22 | 21.9 | 1.5 | M 18 x 1.5 | 1 |
| DIN 7603-AL-20-24-A | 20 | 20.2 | 24 | 23.9 | 1.5 | M 20 x 1.5 | 1 |
| DIN 7603-AL-21-26-A | 21 | 21.2 | 26 | 25.9 | 1.5 | G 1/2 | 1 |
| DIN 7603-AL-22-27-A | 22 | 22.2 | 27 | 26.9 | 1.5 | M 22 x 1.5 | 1 |
| DIN 7603-AL-24-29-A | 24 | 24.3 | 29 | 28.9 | 2 | M 24 x 1.5 | 1 |
| DIN 7603-AL-26-31-A | 26 | 26.3 | 31 | 30.9 | 2 | M 26 x 1.5 | 1 |
| DIN 7603-AL-27-32-A | 27 | 27.3 | 32 | 31.9 | 2 | M 27 x 2 G 3/4 | 1 |
| DIN 7603-AL-30-36-A | 30 | 30.3 | 36 | 35.9 | 2 | M 30 x 1.5 | 1 |
| DIN 7603-AL-33-39-A | 33 | 33.3 | 39 | 38.9 | 2 | M 33 x 2 G 1 | 2 |
| DIN 7603-AL-42-49-A | 42 | 42.3 | 49 | 48.9 | 2 | M 42 x 2 G 1 1/4 | 2 |
| DIN 7603-AL-48-55-A | 48 | 48.3 | 55 | 54.9 | 2 | M 48 x 2 G 1 1/2 | 3 |

DIN 7603-A4

STAINLESS STEEL

| Description | d1 Nominal dimension | d1 Actual dimension +0.3 | d2 Nominal dimen- sion | d2 Actual dimension -0.2 | s ±0.2 | Suitable for DIN 908 / DIN 910 | ⚖ |
|-----------------------|----------------------------|--------------------------------|------------------------------|--------------------------------|--------|-----------------------------------|---|
| DIN 7603-A4-8-11,5-A | 8 | 8.2 | 11.5 | 11.4 | 1 | M 8 x 1 | 1 |
| DIN 7603-A4-10-13,5-A | 10 | 10.2 | 13.5 | 13.4 | 1 | M 10 x 1 G 1/8 | 1 |
| DIN 7603-A4-12-16-A | 12 | 12.2 | 16 | 15.9 | 1.5 | M 12 x 1.5 | 1 |
| DIN 7603-A4-14-18-A | 14 | 14.2 | 18 | 17.9 | 1.5 | M 14 x 1.5 G 1/4 | 1 |
| DIN 7603-A4-16-20-A | 16 | 16.2 | 20 | 19.9 | 1.5 | M 16 x 1.5 | 1 |
| DIN 7603-A4-17-21-A | 17 | 17.2 | 21 | 20.9 | 1.5 | G 3/8 | 1 |
| DIN 7603-A4-18-22-A | 18 | 18.2 | 22 | 21.9 | 1.5 | M 18 x 1.5 | 1 |
| DIN 7603-A4-20-24-A | 20 | 20.2 | 24 | 23.9 | 1.5 | M 20 x 1.5 | 2 |
| DIN 7603-A4-21-26-A | 21 | 21.2 | 26 | 25.9 | 1.5 | G 1/2 | 2 |
| DIN 7603-A4-22-27-A | 22 | 22.2 | 27 | 26.9 | 1.5 | M 22 x 1.5 | 2 |
| DIN 7603-A4-24-29-A | 24 | 24.3 | 29 | 28.9 | 2 | M 24 x 1.5 | 3 |
| DIN 7603-A4-26-31-A | 26 | 26.3 | 31 | 30.9 | 2 | M 26 x 1.5 | 3 |
| DIN 7603-A4-27-32-A | 27 | 27.3 | 32 | 31.9 | 2 | M 27 x 2 G 3/4 | 3 |
| DIN 7603-A4-30-36-A | 30 | 30.3 | 36 | 35.9 | 2 | M 30 x 1.5 | 4 |
| DIN 7603-A4-33-39-A | 33 | 33.3 | 39 | 38.9 | 2 | M 33 x 2 G 1 | 4 |
| DIN 7603-A4-42-49-A | 42 | 42.3 | 49 | 48.9 | 2 | M 42 x 2 G 1 1/4 | 7 |
| DIN 7603-A4-48-55-A | 48 | 48.3 | 55 | 54.9 | 2 | M 48 x 2 G 1 1/2 | 8 |

