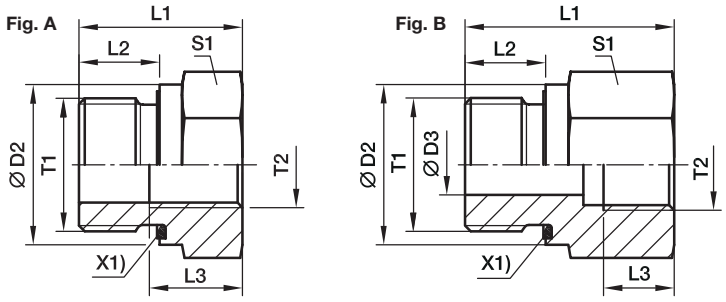
# RI-ED Thread reducer/expander

## Male BSPP thread – ED-seal (ISO 1179) / Female BSPP thread (ISO 1179-1)




X1) Eolastic-sealing ED

| Male Stud T1 | Female Stud T2 | D2 | D3 | L1 | L2 | L3 | S1 | Fig. | Weight g/1 piece | Order code* | PN (bar)[1] Steel | 71 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G 1/8 A | G 1/4 | 14 | 4 | 31.0 | 8 | 12.0 | 19 | B | 41 | **RI1/8EDX1/4** | 400 | 400 |
| G 1/8 A | G 3/8 | 14 | 4 | 32.0 | 8 | 12.0 | 24 | B | 63 | **RI1/8EDX3/8** | 400 | 400 |
| G 1/4 A | G 1/8 | 19 | 5 | 29.0 | 12 | 8.0 | 19 | B | 41 | **RI1/4EDX1/8** | 400 | 400 |
| G 1/4 A | G 3/8 | 19 | 5 | 36.0 | 12 | 12.0 | 24 | B | 69 | **RI1/4EDX3/8** | 400 | 400 |
| G 1/4 A | G 1/2 | 19 | 5 | 40.0 | 12 | 14.0 | 30 | B | 120 | **RI1/4EDX1/2** | 400 | 400 |
| G 1/4 A | G 3/4 | 19 | 5 | 43.0 | 12 | 16.0 | 36 | B | 171 | **RI1/4EDX3/4** | 400 | 400 |
| G 3/8 A | G 1/8 | 22 | | 22.5 | 12 | 8.0 | 22 | A | 38 | **RI3/8EDX1/8** | 400 | 400 |
| G 3/8 A | G 1/4 | 22 | 8 | 36.0 | 12 | 12.0 | 22 | B | 68 | **RI3/8EDX1/4** | 400 | 400 |
| G 3/8 A | G 1/2 | 22 | 8 | 41.0 | 12 | 14.0 | 30 | B | 124 | **RI3/8EDX1/2** | 400 | 400 |
| G 3/8 A | G 3/4 | 22 | 8 | 44.0 | 12 | 16.0 | 36 | B | 182 | **RI3/8EDX3/4** | 315 | 315 |
| G 1/2 A | G 1/8 | 27 | | 24.0 | 14 | 8.0 | 27 | A | 65 | **RI1/2EDX1/8** | 400 | 400 |
| G 1/2 A | G 1/4 | 27 | | 24.0 | 14 | 12.0 | 27 | A | 56 | **RI1/2EDX1/4** | 400 | 400 |
| G 1/2 A | G 3/8 | 27 | 12 | 37.0 | 14 | 12.0 | 27 | B | 95 | **RI1/2EDX3/8** | 400 | 400 |
| G 1/2 A | G 3/4 | 27 | 12 | 46.0 | 14 | 16.0 | 36 | B | 183 | **RI1/2EDX3/4** | 315 | 315 |
| G 1/2 A | G 1 | 27 | 12 | 49.0 | 14 | 18.0 | 41 | B | 232 | **RI1/2EDX1** | 315 | 315 |
| G 1/2 A | G 1 1/4 | 27 | 10 | 53.0 | 14 | 20.0 | 55 | B | 481 | **RI1/2EDX11/4** | 315 | 315 |
| G 3/4 A | G 1/4 | 32 | | 26.0 | 16 | 12.0 | 32 | A | 103 | **RI3/4EDX1/4** | 315 | 315 |
| G 3/4 A | G 3/8 | 32 | | 26.0 | 16 | 12.0 | 32 | A | 86 | **RI3/4EDX3/8** | 315 | 315 |
| G 3/4 A | G 1/2 | 32 | 16 | 43.0 | 16 | 14.0 | 32 | B | 156 | **RI3/4EDX1/2** | 315 | 315 |
| G 3/4 A | G 1 | 32 | 16 | 51.0 | 16 | 18.0 | 41 | B | 237 | **RI3/4EDX1** | 315 | 315 |
| G 3/4 A | G 1 1/4 | 32 | 16 | 55.0 | 16 | 20.0 | 55 | B | 486 | **RI3/4EDX11/4** | 315 | 315 |
| G 3/4 A | G 1 1/2 | 32 | 16 | 57.0 | 16 | 22.0 | 60 | B | 561 | **RI3/4EDX11/2** | 250 | 250 |
| G 1 A | G 1/4 | 40 | | 29.0 | 18 | 12.0 | 41 | A | 197 | **RI1EDX1/4** | 315 | 315 |
| G 1 A | G 3/8 | 40 | | 29.0 | 18 | 12.0 | 41 | A | 179 | **RI1EDX3/8** | 315 | 315 |
| G 1 A | G 1/2 | 40 | | 29.0 | 18 | 14.0 | 41 | A | 153 | **RI1EDX1/2** | 315 | 315 |
| G 1 A | G 3/4 | 40 | 20 | 49.0 | 18 | 16.0 | 41 | B | 290 | **RI1EDX3/4** | 315 | 315 |
| G 1 A | G 1 1/4 | 40 | 20 | 57.0 | 18 | 20.0 | 55 | B | 503 | **RI1EDX11/4** | 315 | 315 |
| G 1 A | G 1 1/2 | 40 | 20 | 59.0 | 18 | 22.0 | 60 | B | 585 | **RI1EDX11/2** | 250 | 250 |
| G 1 1/4 A | G 1/2 | 50 | | 32.0 | 20 | 14.0 | 50 | A | 313 | **RI11/4EDX1/2** | 315 | 315 |
| G 1 1/4 A | G 3/4 | 50 | | 32.0 | 20 | 16.0 | 50 | A | 393 | **RI11/4EDX3/4** | 315 | 315 |
| G 1 1/4 A | G 1 | 50 | 25 | 52.0 | 20 | 18.0 | 50 | B | 469 | **RI11/4EDX1** | 315 | 315 |
| G 1 1/4 A | G 1 1/2 | 50 | 25 | 60.0 | 20 | 22.0 | 60 | B | 624 | **RI11/4EDX11/2** | 250 | 250 |
| G 1 1/2 A | G 1/2 | 55 | | 36.0 | 22 | 14.0 | 55 | A | 470 | **RI11/2EDX1/2** | 250 | 250 |
| G 1 1/2 A | G 3/4 | 55 | | 36.0 | 22 | 16.0 | 55 | A | 415 | **RI11/2EDX3/4** | 250 | 250 |
| G 1 1/2 A | G 1 | 55 | | 36.0 | 22 | 18.0 | 55 | A | 338 | **RI11/2EDX1** | 250 | 250 |
| G 1 1/2 A | G 1 1/4 | 55 | 32 | 58.0 | 22 | 20.0 | 55 | B | 542 | **RI11/2EDX11/4** | 250 | 250 |
| G 2 A | G 1 1/2 | 75 | 40 | 65.0 | 24 | 22.0 | 75 | B | 1309 | **RI2EDX11/2** | 160 | 160 |

[1]) Pressure shown = item deliverable

$\frac{\text{PN (bar)}}{10}$ = PN (MPa)

**Information on ordering alternative sealing materials see page I7.**

*Please add the **suffixes** below according to the material/surface required.

| Order code suffixes | | | |
|---|---|---|---|
| Material | Suffix surface and material | Example | Standard sealing material (no additonal. suffix needed) |
| Steel | CF | RI1EDX1/2CF | NBR |
| Stainless Steel | 71 | RI1EDX1/271 | VIT |