

# Straight reducing fitting Series A-RED-71



Main body with nut and cutting ring



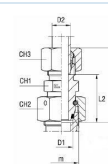
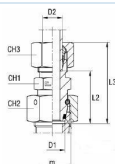
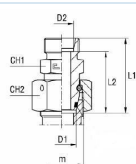
B4 cutting ring



B3 cutting ring

|                       |                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------|
| Design type           | Compression fitting with cutting ring with sealing cone and O-ring and B3 or B4 cutting ring                           |
| Tube outside diameter | 6...42mm                                                                                                               |
| Material              | Stainless steel 1.4571                                                                                                 |
| according to standard | EN ISO 8434-1 (DIN 2353)                                                                                               |
| Medium                | neutral liquids and gases that do not attack the materials used                                                        |
| Medium temperature    | B3-Cutting ring -25...+200°C<br>B4-Cutting ring FKM -25...+200°C                                                       |
| Operating pressure    | Nominal pressure according to table up to 50°C, above 50°C 4,5% Pressure reduction, above 100°C 11% Pressure reduction |

## Dimensions



Main body

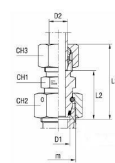
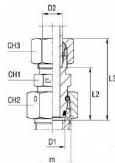
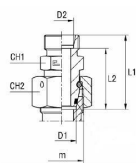
with B4 cutting ring

with B3 cutting ring

| Series | PN [bar] | D1 | D2 | m      | L1   | L2   | L3   | CH1 | CH2 | CH3 | Type Main body | Type with B4 ring | Type with B3 ring |
|--------|----------|----|----|--------|------|------|------|-----|-----|-----|----------------|-------------------|-------------------|
| L      | 315      | 8  | 6  | 14x1,5 | 33,5 | 26,5 | 43,5 | 12  | 17  | 14  | A-RED08/06L71X | A-RED08/06ZL71    | A-RED08/06L71     |
|        |          | 10 | 6  | 16x1,5 | 34,5 | 27,5 | 44,5 | 12  | 19  | 14  | A-RED10/06L71X | A-RED10/06ZL71    | A-RED10/06L71     |
|        |          | 12 | 6  | 18x1,5 | 36,5 | 29,5 | 46,5 | 14  | 22  | 14  | A-RED12/06L71X | A-RED12/06ZL71    | A-RED12/06L71     |
|        |          | 15 | 6  | 22x1,5 | 35,5 | 28,5 | 43,5 | 19  | 27  | 14  | A-RED15/06L71X | A-RED15/06ZL71    | A-RED15/06L71     |
|        |          | 18 | 6  | 26x1,5 | 36,5 | 29,5 | 44,5 | 24  | 32  | 14  | A-RED18/06L71X | A-RED18/06ZL71    | A-RED18/06L71     |
|        | 160      | 22 | 6  | 30x2   | 38,5 | 31,5 | 46,5 | 27  | 36  | 14  | A-RED22/06L71X | A-RED22/06ZL71    | A-RED22/06L71     |
|        |          | 28 | 6  | 36x2   | 39,5 | 32,5 | 47,5 | 32  | 41  | 14  | A-RED28/06L71X | A-RED28/06ZL71    | A-RED28/06L71     |
|        |          | 35 | 6  | 45x2   | 45   | 38   | 53   | 41  | 50  | 14  | A-RED35/06L71X | A-RED35/06ZL71    | A-RED35/06L71     |
|        |          | 42 | 6  | 52x2   | 46   | 39   | 54   | 50  | 60  | 14  | A-RED42/06L71X | A-RED42/06ZL71    | A-RED42/06L71     |
|        | 315      | 10 | 8  | 16x1,5 | 35,5 | 28,5 | 45,5 | 14  | 29  | 17  | A-RED10/08L71X | A-RED10/08ZL71    | A-RED10/08L71     |
|        |          | 12 | 8  | 18x1,5 | 36,5 | 29,5 | 46,5 | 14  | 22  | 17  | A-RED12/08L71X | A-RED12/08ZL71    | A-RED12/08L71     |
|        |          | 15 | 8  | 22x1,5 | 37   | 30   | 47   | 17  | 27  | 17  | A-RED15/08L71X | A-RED15/08ZL71    | A-RED15/08L71     |
|        |          | 18 | 8  | 26x1,5 | 36,5 | 29,5 | 44,5 | 24  | 32  | 17  | A-RED18/08L71X | A-RED18/08ZL71    | A-RED18/08L71     |
|        | 160      | 22 | 8  | 30x2   | 38,5 | 31,5 | 46,5 | 27  | 36  | 17  | A-RED22/08L71X | A-RED22/08ZL71    | A-RED22/08L71     |
|        |          | 28 | 8  | 36x2   | 39,5 | 32,5 | 47,5 | 32  | 41  | 17  | A-RED28/08L71X | A-RED28/08ZL71    | A-RED28/08L71     |
|        |          | 35 | 8  | 45x2   | 45   | 38   | 53   | 41  | 50  | 17  | A-RED35/08L71X | A-RED35/08ZL71    | A-RED35/08L71     |
|        |          | 42 | 8  | 52x2   | 46   | 39   | 54   | 50  | 60  | 17  | A-RED42/08L71X | A-RED42/08ZL71    | A-RED42/08L71     |
|        | 315      | 12 | 10 | 18x1,5 | 37,5 | 30,5 | 48,5 | 17  | 22  | 19  | A-RED12/10L71X | A-RED12/10ZL71    | A-RED12/10L71     |
|        |          | 15 | 10 | 22x1,5 | 38   | 31   | 49   | 17  | 27  | 19  | A-RED15/10L71X | A-RED15/10ZL71    | A-RED15/10L71     |
|        |          | 18 | 10 | 26x1,5 | 38,5 | 31,5 | 49,5 | 19  | 32  | 19  | A-RED18/10L71X | A-RED18/10ZL71    | A-RED18/10L71     |



## Dimensions



Main body

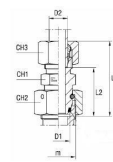
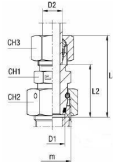
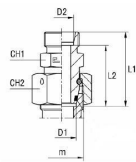
with B4 cutting ring

with B3 cutting ring

| Series | PN<br>[bar] | D1 | D2     | m    | L1   | L2   | L3 | CH1 | CH2 | CH3 | Type<br>Main body | Type<br>with B4 ring | Type<br>with B3 ring |
|--------|-------------|----|--------|------|------|------|----|-----|-----|-----|-------------------|----------------------|----------------------|
| 160    | 22          | 10 | 30x2   | 39,5 | 32,5 | 47,5 | 27 | 36  | 19  |     | A-RED22/10L71X    | A-RED22/10ZL71       | A-RED22/10L71        |
|        | 28          | 10 | 36x2   | 40,5 | 33,5 | 48,5 | 32 | 41  | 19  |     | A-RED28/10L71X    | A-RED28/10ZL71       | A-RED28/10L71        |
|        | 35          | 10 | 45x2   | 46   | 39   | 54   | 41 | 50  | 19  |     | A-RED35/10L71X    | A-RED35/10ZL71       | A-RED35/10L71        |
|        | 42          | 10 | 52x2   | 47   | 40   | 55   | 50 | 60  | 19  |     | A-RED42/10L71X    | A-RED42/10ZL71       | A-RED42/10L71        |
| 315    | 15          | 12 | 22x1,5 | 36,5 | 29,5 | 44,5 | 19 | 27  | 22  |     | A-RED15/12L71X    | A-RED15/12ZL71       | A-RED15/12L71        |
|        | 18          | 12 | 26x1,5 | 37,5 | 30,5 | 45,5 | 24 | 32  | 22  |     | A-RED18/12L71X    | A-RED18/12ZL71       | A-RED18/12L71        |
| 160    | 22          | 12 | 30x2   | 39,5 | 32,5 | 47,5 | 27 | 36  | 22  |     | A-RED22/12L71X    | A-RED22/12ZL71       | A-RED22/12L71        |
|        | 28          | 12 | 36x2   | 40,5 | 33,5 | 48,5 | 32 | 41  | 22  |     | A-RED28/12L71X    | A-RED28/12ZL71       | A-RED28/12L71        |
|        | 35          | 12 | 45x2   | 46   | 39   | 54   | 41 | 50  | 22  |     | A-RED35/12L71X    | A-RED35/12ZL71       | A-RED35/12L71        |
|        | 42          | 12 | 52x2   | 47   | 40   | 55   | 50 | 60  | 22  |     | A-RED42/12L71X    | A-RED42/12ZL71       | A-RED42/12L71        |
| 315    | 18          | 15 | 26x1,5 | 38,5 | 31,5 | 46,5 | 24 | 32  | 27  |     | A-RED18/15L71X    | A-RED18/15ZL71       | A-RED18/15L71        |
| 160    | 22          | 15 | 30x2   | 39,5 | 32,5 | 47,5 | 27 | 36  | 27  |     | A-RED22/15L71X    | A-RED22/15ZL71       | A-RED22/15L71        |
|        | 28          | 15 | 36x2   | 41,5 | 34,5 | 49,5 | 32 | 41  | 27  |     | A-RED28/15L71X    | A-RED28/15ZL71       | A-RED28/15L71        |
|        | 35          | 15 | 45x2   | 47   | 40   | 55   | 41 | 50  | 27  |     | A-RED35/15L71X    | A-RED35/15ZL71       | A-RED35/15L71        |
|        | 42          | 15 | 52x2   | 48   | 41   | 56   | 50 | 60  | 27  |     | A-RED42/15L71X    | A-RED42/15ZL71       | A-RED42/15L71        |
|        | 22          | 18 | 30x2   | 40,5 | 33   | 49,5 | 27 | 36  | 32  |     | A-RED22/18L71X    | A-RED22/18ZL71       | A-RED22/18L71        |
|        | 28          | 18 | 36x2   | 41,5 | 34   | 50,5 | 32 | 41  | 32  |     | A-RED28/18L71X    | A-RED28/18ZL71       | A-RED28/18L71        |
|        | 35          | 18 | 45x2   | 47   | 39,5 | 56   | 41 | 50  | 32  |     | A-RED35/18L71X    | A-RED35/18ZL71       | A-RED35/18L71        |
|        | 42          | 18 | 52x2   | 48   | 40,5 | 57   | 50 | 60  | 32  |     | A-RED42/18L71X    | A-RED42/18ZL71       | A-RED42/18L71        |
|        | 28          | 22 | 36x2   | 43,5 | 36   | 52,5 | 32 | 41  | 36  |     | A-RED28/22L71X    | A-RED28/22ZL71       | A-RED28/22L71        |
|        | 35          | 22 | 45x2   | 49   | 41,5 | 58   | 41 | 50  | 36  |     | A-RED35/22L71X    | A-RED35/22ZL71       | A-RED35/22L71        |
|        | 42          | 22 | 52x2   | 50   | 42,5 | 59   | 50 | 60  | 36  |     | A-RED42/22L71X    | A-RED42/22ZL71       | A-RED42/22L71        |
|        | 35          | 28 | 45x2   | 49   | 41,5 | 58   | 41 | 50  | 41  |     | A-RED35/28L71X    | A-RED35/28ZL71       | A-RED35/28L71        |
|        | 42          | 28 | 52x2   | 50   | 42,5 | 59   | 50 | 60  | 41  |     | A-RED42/28L71X    | A-RED42/28ZL71       | A-RED42/28L71        |
|        | 42          | 35 | 52x2   | 52   | 41,5 | 63   | 50 | 60  | 50  |     | A-RED42/35L71X    | A-RED42/35ZL71       | A-RED42/35L71        |



## Dimensions



Main body

with B4 cutting ring

with B3 cutting ring

| Series | PN<br>[bar] | D1 | D2 | m      | L1   | L2   | L3   | CH1 | CH2 | CH3 | Type<br>Main body | Type<br>with B4 ring | Type<br>with B3 ring |
|--------|-------------|----|----|--------|------|------|------|-----|-----|-----|-------------------|----------------------|----------------------|
| S      | 630         | 8  | 6  | 16x1,5 | 36,5 | 29,5 | 46,5 | 14  | 19  | 17  | A-RED08/06S71X    | A-RED08/06ZS71       | A-RED08/06S71        |
|        |             | 10 | 6  | 18x1,5 | 38,5 | 31,5 | 48,5 | 14  | 22  | 17  | A-RED10/06S71X    | A-RED10/06ZS71       | A-RED10/06S71        |
|        |             | 12 | 6  | 20x1,5 | 38,5 | 31,5 | 48,5 | 14  | 24  | 17  | A-RED12/06S71X    | A-RED12/06ZS71       | A-RED12/06S71        |
|        |             | 14 | 6  | 22x1,5 | 41   | 34   | 49   | 19  | 27  | 17  | A-RED14/06S71X    | A-RED14/06ZS71       | A-RED14/06S71        |
|        | 400         | 16 | 6  | 24x1,5 | 45,5 | 38,5 | 53,5 | 22  | 30  | 17  | A-RED16/06S71X    | A-RED16/06ZS71       | A-RED16/06S71        |
|        |             | 20 | 6  | 30x2   | 48   | 41   | 56   | 27  | 36  | 17  | A-RED20/06S71X    | A-RED20/06ZS71       | A-RED20/06S71        |
|        |             | 25 | 6  | 36x2   | 52,5 | 45,5 | 60,5 | 32  | 46  | 17  | A-RED25/06S71X    | A-RED25/06ZS71       | A-RED25/06S71        |
|        |             | 30 | 6  | 42x2   | 57   | 50   | 65   | 41  | 50  | 17  | A-RED30/06S71X    | A-RED30/06ZS71       | A-RED30/06S71        |
|        | 250         | 38 | 6  | 52x2   | 59   | 52   | 67   | 50  | 60  | 17  | A-RED38/06S71X    | A-RED38/06ZS71       | A-RED38/06S71        |
|        | 630         | 10 | 8  | 18x1,5 | 38,5 | 31,5 | 48,5 | 17  | 22  | 19  | A-RED10/08S71X    | A-RED10/08ZS71       | A-RED10/08S71        |
|        |             | 12 | 8  | 20x1,5 | 38,5 | 31,5 | 48,5 | 17  | 24  | 19  | A-RED12/08S71X    | A-RED12/08ZS71       | A-RED12/08S71        |
|        |             | 14 | 8  | 22x1,5 | 41   | 34   | 49   | 19  | 27  | 19  | A-RED14/08S71X    | A-RED14/08ZS71       | A-RED14/08S71        |
|        | 400         | 16 | 8  | 24x1,5 | 45,5 | 38,5 | 53,5 | 22  | 30  | 19  | A-RED16/08S71X    | A-RED16/08ZS71       | A-RED16/08S71        |
|        |             | 20 | 8  | 30x2   | 48   | 41   | 56   | 27  | 36  | 19  | A-RED20/08S71X    | A-RED20/08ZS71       | A-RED20/08S71        |
|        |             | 25 | 8  | 36x2   | 52,5 | 45,5 | 60,5 | 32  | 46  | 19  | A-RED25/08S71X    | A-RED25/08ZS71       | A-RED25/08S71        |
|        |             | 30 | 8  | 42x2   | 57   | 50   | 65   | 41  | 50  | 19  | A-RED30/08S71X    | A-RED30/08ZS71       | A-RED30/08S71        |
|        | 250         | 38 | 8  | 52x2   | 59   | 52   | 67   | 50  | 60  | 19  | A-RED38/08S71X    | A-RED38/08ZS71       | A-RED38/08S71        |
|        | 630         | 12 | 10 | 20x1,5 | 39,5 | 32   | 51,5 | 19  | 24  | 22  | A-RED12/10S71X    | A-RED12/10ZS71       | A-RED12/10S71        |
|        |             | 14 | 10 | 22x1,5 | 41,5 | 34   | 53,5 | 19  | 27  | 22  | A-RED14/10S71X    | A-RED14/10ZS71       | A-RED14/10S71        |
|        | 400         | 16 | 10 | 24x1,5 | 42   | 34,5 | 54   | 19  | 30  | 22  | A-RED16/10S71X    | A-RED16/10ZS71       | A-RED16/10S71        |
|        |             | 20 | 10 | 30x2   | 48   | 40,5 | 57   | 27  | 36  | 22  | A-RED20/10S71X    | A-RED20/10ZS71       | A-RED20/10S71        |
|        |             | 25 | 10 | 36x2   | 52,5 | 45   | 61,5 | 32  | 46  | 22  | A-RED25/10S71X    | A-RED25/10ZS71       | A-RED25/10S71        |
|        |             | 30 | 10 | 42x2   | 57   | 49,5 | 66   | 41  | 50  | 22  | A-RED30/10S71X    | A-RED30/10ZS71       | A-RED30/10S71        |
|        | 250         | 38 | 10 | 52x2   | 59   | 51,5 | 68   | 50  | 60  | 22  | A-RED38/10S71X    | A-RED38/10ZS71       | A-RED38/10S71        |
|        |             | 14 | 12 | 22x1,5 | 41,5 | 34   | 53,5 | 22  | 27  | 24  | A-RED14/12S71X    | A-RED14/12ZS71       | A-RED14/12S71        |
|        | 400         | 16 | 12 | 24x1,5 | 42   | 34,5 | 54   | 22  | 30  | 24  | A-RED16/12S71X    | A-RED16/12ZS71       | A-RED16/12S71        |
|        |             | 20 | 12 | 30x2   | 46   | 40,5 | 58   | 22  | 36  | 24  | A-RED20/12S71X    | A-RED20/12ZS71       | A-RED20/12S71        |
|        |             | 25 | 12 | 36x2   | 52,5 | 38,5 | 61,5 | 32  | 46  | 24  | A-RED25/12S71X    | A-RED25/12ZS71       | A-RED25/12S71        |
|        |             | 30 | 12 | 42x2   | 57   | 49,5 | 66   | 41  | 50  | 24  | A-RED30/12S71X    | A-RED30/12ZS71       | A-RED30/12S71        |
|        | 250         | 38 | 12 | 52x2   | 59   | 52,5 | 68   | 50  | 60  | 24  | A-RED38/12S71X    | A-RED38/12ZS71       | A-RED38/12S71        |
|        | 400         | 16 | 14 | 24x1,5 | 44   | 36   | 56   | 24  | 30  | 27  | A-RED16/14S71X    | A-RED16/14ZS71       | A-RED16/14S71        |
|        |             | 20 | 14 | 30x2   | 48   | 40   | 60   | 24  | 36  | 27  | A-RED20/14S71X    | A-RED20/14ZS71       | A-RED20/14S71        |
|        |             | 25 | 14 | 36x2   | 52,5 | 44,5 | 64,5 | 27  | 46  | 27  | A-RED25/14S71X    | A-RED25/14ZS71       | A-RED25/14S71        |
|        | 250         | 30 | 14 | 42x2   | 59   | 51   | 69   | 41  | 50  | 27  | A-RED30/14S71X    | A-RED30/14ZS71       | A-RED30/14S71        |
|        |             | 38 | 14 | 52x2   | 61   | 53   | 71   | 50  | 60  | 27  | A-RED38/14S71X    | A-RED38/14ZS71       | A-RED38/14S71        |
|        | 400         | 20 | 16 | 30x2   | 49   | 40,5 | 62   | 27  | 36  | 30  | A-RED20/16S71X    | A-RED20/16ZS71       | A-RED20/16S71        |
|        |             | 25 | 16 | 36x2   | 52,5 | 44   | 65,5 | 27  | 46  | 30  | A-RED25/16S71X    | A-RED25/16ZS71       | A-RED25/16S71        |
|        |             | 30 | 16 | 42x2   | 55   | 46,5 | 68   | 32  | 50  | 30  | A-RED30/16S71X    | A-RED30/16ZS71       | A-RED30/16S71        |
|        | 250         | 38 | 16 | 52x2   | 61   | 52,5 | 71   | 50  | 60  | 30  | A-RED38/16S71X    | A-RED38/16ZS71       | A-RED38/16S71        |
|        | 400         | 25 | 20 | 36x2   | 54,5 | 44   | 70,5 | 32  | 46  | 36  | A-RED25/20S71X    | A-RED25/20ZS71       | A-RED25/20S71        |
|        |             | 30 | 20 | 42x2   | 57   | 46,5 | 72   | 32  | 50  | 36  | A-RED30/20S71X    | A-RED30/20ZS71       | A-RED30/20S71        |
|        |             | 38 | 20 | 52x2   | 64   | 53,5 | 79   | 41  | 60  | 36  | A-RED38/20S71X    | A-RED38/20ZS71       | A-RED38/20S71        |
|        |             | 30 | 25 | 42x2   | 60   | 48   | 76   | 41  | 50  | 46  | A-RED30/25S71X    | A-RED30/25ZS71       | A-RED30/25S71        |
|        | 250         | 38 | 25 | 52x2   | 66   | 54   | 82   | 41  | 60  | 46  | A-RED38/25S71X    | A-RED38/25ZS71       | A-RED38/25S71        |



