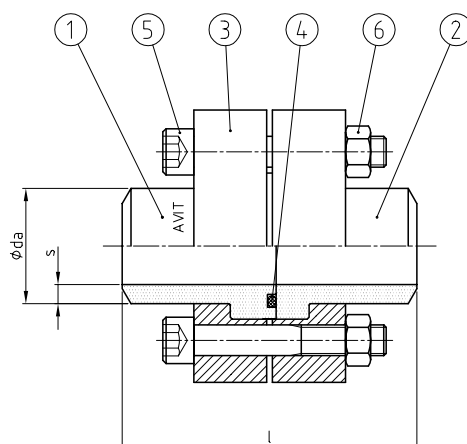
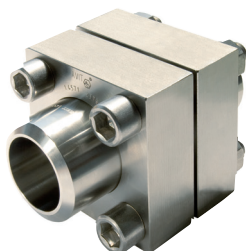
AVIT ≈ ISO 6164 <sup>1</sup>

- Mit Flansch-Zentrierung im Gegenlosflansch
- Ausgelegt für schwellige Beanspruchungen
- Leichte Montage durch Losflanschsystem

- With flange-centring in the counter flange clamp
- Designed for dynamic loads
- Easy assembly by flange clamp system

WERKSTOFF-KOMBINATION  
MATERIAL COMBINATION

| Werkstoff, Oberfläche / Material, Surface          | TYP DN-Serie-daxs-* |
|----------------------------------------------------|---------------------|
| Stahl, phosphatiert / Steel, phosphatised; NBR     | FK 40-3 - daxs - 01 |
| Stahl, phosphatiert / Steel, phosphatised; FKM     | FK 40-3 - daxs - 02 |
| Stahl+N, phosphatiert / Steel+N, phosphatised; NBR | FK 40-3 - daxs - 11 |
| Stahl+N, phosphatiert / Steel+N, phosphatised; FKM | FK 40-3 - daxs - 12 |
| Edelstahl 1.4571 / Stainless steel AISI 316Ti; NBR | FK 40-3 - daxs - 41 |
| Edelstahl 1.4571 / Stainless steel AISI 316Ti; FKM | FK 40-3 - daxs - 44 |

BESTELLBEISPIEL  
ORDER EXAMPLESTÜCKLISTE  
PARTS LIST

| Pos. | Bezeichnung / Description                                   |
|------|-------------------------------------------------------------|
| 1    | Flanschbund mit O-Ring Nut / Flange head with O-ring groove |
| 2    | Gegenflanschbund / Counter flange                           |
| 3    | Losflansche / Flange clamps                                 |
| 4    | O-Ring Dichtung / O-ring sealing                            |
| 5    | Schrauben / Bolts <sup>2</sup>                              |
| 6    | Muttern / Nuts <sup>3</sup>                                 |

| SERIE<br>SERIES | DN   | ABMESSUNGEN [mm]<br>DIMENSIONS |     |     |     |     | O-RING     | SCHRAUBEN<br>BOLTS | STK.<br>PCS. | GEWICHT<br>WEIGHT | BESTELLCODE<br>ORDER CODE |
|-----------------|------|--------------------------------|-----|-----|-----|-----|------------|--------------------|--------------|-------------------|---------------------------|
| [bar]           | [mm] | b                              | d   | t   | d1  | l   | Pos. 4     | Pos. 5             |              | [kg]              | TYP DN-Serie daxs         |
| 0<br>PN 64      | 25   | 70                             | -   | 64  | 46  | 106 | 28,0x2,62  | M12x55             | 4            | 1,38              | FK 25-0 33,7x2,6          |
|                 | 32   | 80                             | -   | 72  | 55  | 122 | 43,0x3,00  | M12x65             | 4            | 2,17              | FK 32-0 42,4x2,6          |
|                 | 40   | 90                             | -   | 80  | 60  | 130 | 47,2x3,53  | M16x80             | 4            | 3,49              | FK 40-0 48,3x2,6          |
|                 | 50   | 100                            | -   | 98  | 76  | 153 | 56,7x3,53  | M16x100            | 4            | 5,23              | FK 50-0 60,3x2,9          |
|                 | 65   | 120                            | -   | 118 | 92  | 190 | 75,5x3,53  | M20x120            | 4            | 8,79              | FK 65-0 76,1x2,9          |
|                 | 80   | 150                            | -   | 145 | 110 | 210 | 85,1x5,33  | M24x130            | 4            | 14,8              | FK 80-0 88,9x3,2          |
|                 | 90   | 180                            | -   | 175 | 135 | 262 | 94,6x5,33  | M30x150            | 4            | 15,5              | FK 90-0 101,6x7,1         |
|                 | 100  | 180                            | -   | 175 | 135 | 262 | 106,0x5,33 | M30x150            | 4            | 26,3              | FK 100-0 114,3x3,6        |
|                 | 125  | -                              | 245 | 200 | 168 | 292 | 132,0x6,99 | M24x170            | 8            | 40,9              | FK 125-0 139,7x8,0        |
| 2<br>PN 160     | 150  | -                              | 300 | 245 | 205 | 372 | 157,5x6,99 | M30x200            | 8            | 73,2              | FK 150-0 168,3x10,0       |
|                 | 12   | 50                             | -   | 44  | 28  | 80  | 16,3x2,40  | M10x55             | 4            | 0,82              | FK 12-2 16,0x1,5          |
|                 | 16   | 60                             | -   | 54  | 38  | 94  | 20,3x2,40  | M10x55             | 4            | 1,14              | FK 16-2 20,0x2,5          |
|                 | 20   | 60                             | -   | 54  | 38  | 94  | 25,3x2,40  | M10x55             | 4            | 1,14              | FK 20-2 25,0x2,5          |
|                 | 25   | 70                             | -   | 64  | 46  | 106 | 28,0x2,62  | M12x55             | 4            | 1,61              | FK 25-2 30,0x3,0          |
|                 | 32   | 80                             | -   | 72  | 55  | 122 | 34,5x3,53  | M12x65             | 4            | 2,57              | FK 32-2 38,0x4,0          |
|                 | 40   | 90                             | -   | 80  | 60  | 130 | 46,2x3,53  | M16x80             | 4            | 3,60              | FK 40-2 48,3x4,0          |
|                 | 50   | 100                            | -   | 98  | 76  | 153 | 53,0x5,33  | M16x100            | 4            | 5,65              | FK 50-2 60,3x5,0          |
|                 | 65   | 120                            | -   | 118 | 92  | 190 | 69,0x5,33  | M20x120            | 4            | 9,67              | FK 65-2 76,1x6,3          |
|                 | 80   | 180                            | -   | 175 | 135 | 262 | 92,5x5,33  | M30x150            | 4            | 22,3              | FK 80-2 101,6x8,8         |
|                 | 100  | 180                            | -   | 175 | 135 | 262 | 106,0x5,33 | M30x150            | 4            | 28,1              | FK 100-2 114,3x10,0       |
|                 | 125  | -                              | 245 | 200 | 168 | 292 | 132,0x6,99 | M24x170            | 8            | 44,7              | FK 125-2 152,4x12,5       |
|                 | 150  | -                              | 300 | 245 | 205 | 372 | 157,5x6,99 | M30x200            | 8            | 80,0              | FK 150-2 177,8x16,0       |
|                 | 200  | -                              | 355 | 290 | 245 | 391 | 196,2x6,99 | M36x220            | 8            | 122,0             | FK 200-2 219,1x20,0       |

1 Lochbild der Serie 3 und 4 bis DN 80 gemäß Norm. | Hole pattern form series 3 and 4 to DN 80 according to standard.

2 Serie 6: Stahl Schrauben Klasse 10.9. Edelstahl: Stahl Schrauben 10.9 mit Zinklamellenbeschichtung. | Series 6: Bolts property class 10.9. Stainless steel: bolts made of steel with zinc flake coating.

3 Serie 6: Muttern aus Stahl Festigkeitsklasse 10. Edelstahl mit Zinklamellenbeschichtung. | Series 6: All nuts made of steel with property class 10. Stainless steel with zinc flake coating.

| SERIE<br>SERIES | DN              | ABMESSUNGEN [mm]<br>DIMENSIONS |     |     |     |     | O-RING      | SCHRAUBEN<br>BOLTS     | STK.<br>PCS. | GEWICHT<br>WEIGHT | BESTELLCODE<br>ORDER CODE |
|-----------------|-----------------|--------------------------------|-----|-----|-----|-----|-------------|------------------------|--------------|-------------------|---------------------------|
| [bar]           | [mm]            | b                              | d   | t   | d1  | l   | Pos. 4      | Pos. 5                 |              | [kg]              | TYP DN-Serie daxis        |
| 3<br>PN 250     | 10              | 50                             | -   | 44  | 28  | 80  | 16,3x2,40   | M10x55                 | 4            | 0,85              | FK 10-3 16,0x2,0          |
|                 | 16              | 60                             | -   | 54  | 38  | 94  | 22,4x2,62   | M10x55                 | 4            | 1,21              | FK 16-3 21,3x2,6          |
|                 | 20              | 70                             | -   | 64  | 46  | 106 | 28,0x2,62   | M12x55                 | 4            | 1,64              | FK 20-3 26,9x3,6          |
|                 | 25              | 80                             | -   | 72  | 55  | 122 | 34,5x3,53   | M12x65                 | 4            | 2,58              | FK 25-3 33,7x4,5          |
|                 | 32              | 90                             | -   | 80  | 60  | 130 | 38,7x3,53   | M16x80                 | 4            | 3,88              | FK 32-3 42,4x5,6          |
|                 | 40              | 100                            | -   | 98  | 76  | 153 | 53,0x5,33   | M16x100                | 4            | 5,82              | FK 40-3 60,3x8,0          |
|                 | 50              | 120                            | -   | 118 | 92  | 190 | 61,5x5,33   | M20x120                | 4            | 10,5              | FK 50-3 76,1x10,0         |
|                 | 65              | 150                            | -   | 145 | 110 | 210 | 75,5x5,33   | M24x130                | 4            | 16,9              | FK 65-3 88,9x11,0         |
|                 | 80              | 180                            | -   | 175 | 135 | 262 | 92,5x5,33   | M30x150                | 4            | 30,6              | FK 80-3 101,6x12,5        |
|                 | 100             | -                              | 245 | 200 | 168 | 292 | 115,0x6,99  | M24x170                | 8            | 47,8              | FK 100-3 139,7x17,5       |
|                 | 125             | -                              | 300 | 245 | 205 | 372 | 147,5x6,99  | M30x200                | 8            | 84,3              | FK 125-3 168,3x20,0       |
|                 | 150             | -                              | 355 | 290 | 245 | 391 | 170,0x6,99  | M36x220                | 8            | 132,0             | FK 150-3 193,7x25,0       |
| 4<br>PN 315     | 10              | 50                             | -   | 44  | 28  | 80  | 16,3x2,40   | M10x55                 | 4            | 0,85              | FK 10-4 17,2x3,2          |
|                 | 16              | 60                             | -   | 54  | 38  | 94  | 22,4x2,62   | M10x55                 | 4            | 1,23              | FK 16-4 26,9x4,5          |
|                 | 20              | 70                             | -   | 64  | 46  | 106 | 28,0x2,62   | M12x55                 | 4            | 1,71              | FK 20-4 33,7x5,6          |
|                 | 25              | 80                             | -   | 72  | 55  | 122 | 34,5x3,53   | M12x65                 | 4            | 2,65              | FK 25-4 42,4x7,1          |
|                 | 32              | 90                             | -   | 80  | 60  | 130 | 38,7x3,53   | M16x80                 | 4            | 4,04              | FK 32-4 48,3x8,0          |
|                 | 40              | 100                            | -   | 98  | 76  | 153 | 53,0x5,33   | M16x100                | 4            | 6,09              | FK 40-4 60,3x10,0         |
|                 | 50              | 120                            | -   | 118 | 92  | 190 | 61,5x5,33   | M20x120                | 4            | 10,9              | FK 50-4 76,1x12,5         |
|                 | 65              | 150                            | -   | 145 | 110 | 210 | 75,5x5,33   | M24x130                | 4            | 17,8              | FK 65-4 88,9x14,2         |
|                 | 80              | 180                            | -   | 175 | 135 | 262 | 92,5x5,33   | M30x150                | 4            | 31,0              | FK 80-4 114,3x17,5        |
|                 | 100             | -                              | 245 | 200 | 168 | 292 | 115,0x6,99  | M24x170                | 8            | 50,7              | FK 100-4 139,7x22,2       |
|                 | 125             | -                              | 300 | 245 | 205 | 372 | 147,5x6,99  | M30x200                | 8            | 92,8              | FK 125-4 177,8x30,0       |
|                 | 150             | -                              | 355 | 290 | 245 | 391 | 170,0x6,99  | M36x220                | 8            | 140,5             | FK 150-4 219,1x36,0       |
| 5<br>PN 420     | 16              | 70                             | -   | 64  | 46  | 94  | 22,4x2,62   | M12x60                 | 4            | 1,84              | FK 16-5 26,9x5,6          |
|                 | 20              | 80                             | -   | 72  | 55  | 106 | 28,0x2,62   | M12x70                 | 4            | 2,83              | FK 20-5 33,7x6,3          |
|                 | 25              | 90                             | -   | 84  | 63  | 124 | 34,5x3,53   | M16x90                 | 4            | 4,47              | FK 25-5 42,4x8,0          |
|                 | 32              | 100                            | -   | 98  | 76  | 154 | 37,7x3,53   | M16x100                | 4            | 6,18              | FK 32-5 48,3x8,8          |
|                 | 40              | 120                            | -   | 118 | 92  | 190 | 50,17x5,33  | M20x120                | 4            | 11,4              | FK 40-5 60,3x11,0         |
|                 | 50              | 150                            | -   | 145 | 110 | 210 | 56,52x5,33  | M24x130                | 4            | 18,5              | FK 50-5 76,1x14,2         |
|                 | 65              | 180                            | -   | 175 | 135 | 262 | 75,57x5,33  | M30x150                | 4            | 33,0              | FK 65-5 101,6x20,0        |
|                 | 70              | 190                            | -   | 185 | 148 | 292 | 81,92x5,33  | M30x180                | 4            | 44,6              | FK 70-5 114,3x22,0        |
|                 | 80              | -                              | 245 | 200 | 172 | 292 | 92,5x5,33   | M24x170                | 8            | 54,1              | FK 80-5 139,7x28,0        |
|                 | 90 <sup>4</sup> | -                              | 300 | 245 | 205 | 372 | 103,0x5,33  | M30x200                | 8            | 96,7              | FK 90-5 152,4x30,0        |
|                 | 100             | -                              | 320 | 255 | 215 | 372 | 116,8x6,99  | M30x200                | 8            | 108,4             | FK 100-5 168,3x32,0       |
|                 | 125             | -                              | 390 | 315 | 273 | 392 | 147,5x6,99  | M36x220                | 8            | 181,2             | FK 125-5 219,1x45,0       |
| 6<br>PN 500     | 16              | 75                             | -   | 67  | 50  | 108 | 25,07x2,62  | M12x80 <sup>2,3</sup>  | 4            | 2,80              | FK 16-6 30,0x7,0          |
|                 | 20              | 90                             | -   | 84  | 63  | 128 | 31,34x3,53  | M16x100 <sup>2,3</sup> | 4            | 4,48              | FK 20-6 38,0x8,8          |
|                 | 25              | 120                            | -   | 101 | 76  | 158 | 37,69x3,53  | M20x120 <sup>2,3</sup> | 4            | 10,9              | FK 25-6 48,3x10,0         |
|                 | 32              | 140                            | -   | 125 | 90  | 178 | 44,04x3,53  | M24x140 <sup>2,3</sup> | 4            | 17,8              | FK 32-6 60,3x14,2         |
|                 | 40              | 150                            | -   | 142 | 110 | 208 | 56,52x5,33  | M24x150 <sup>2,3</sup> | 4            | 22,26             | FK 40-6 76,1x17,5         |
|                 | 50              | 180                            | -   | 168 | 125 | 228 | 62,87x5,33  | M30x180 <sup>2,3</sup> | 4            | 35,5              | FK 50-6 88,9x20,0         |
|                 | 65              | -                              | 245 | 188 | 154 | 268 | 75,57x5,33  | M24x180 <sup>2,3</sup> | 8            | 56,2              | FK 65-6 114,3x25,0        |
|                 | 80              | -                              | 315 | 228 | 182 | 328 | 97,79x5,33  | M36x210 <sup>2,3</sup> | 8            | 108,9             | FK 80-6 139,7x30,0        |
|                 | 100             | -                              | 360 | 264 | 218 | 378 | 116,84x6,99 | M36x240 <sup>2,3</sup> | 12           | 173,3             | FK 100-6 168,3x36,0       |
|                 | 125             | -                              | 420 | 330 | 275 | 412 | 132,72x6,99 | M42x260 <sup>2,3</sup> | 12           | 263,8             | FK 125-6 219,1x50,0       |
|                 | 150             | -                              | 490 | 395 | 340 | 468 | 177,17x6,99 | M42x280 <sup>2,3</sup> | 12           | 363,9             | FK 150-6 273,0x60,0       |

2 Serie 6: Stahl Schrauben Klasse 10.9. Edelstahl: Stahl Schrauben 10.9 mit Zinklamellenbeschichtung | Series 6: Bolts property class 10.9. Stainless steel: bolts made of steel with zinc flake coating.

3 Serie 6: Muttern aus Stahl Festigkeitsklasse 10. Edelstahl mit Zinklamellenbeschichtung | Series 6: All nuts made of steel with property class 10. Stainless steel with zinc flake coating.

4 Frühere Größe DN 100! | Former size DN 100!