



flanges australia

Metric Tube & Tube Fittings



The right connection.

vsch Locking screw

sto Backing Plugs

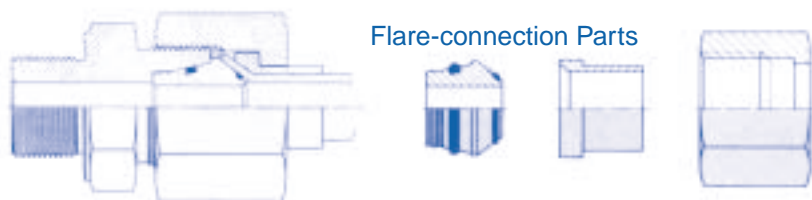
vschk Stand pipe end plugs


| Nom Pres | Thread | Part No. |
|----------|----------|--------------------|
| 400 | M 10x1 | vsch - 10x1 /wd |
| | M 12x1,5 | vsch - 12x1,5/wd |
| | M 14x1,5 | vsch - 14x1,5/wd |
| | M 16x1,5 | vsch - 16x1,5/wd |
| | M 18x1,5 | vsch - 18x1,5/wd |
| | M 20x1,5 | vsch - 20x1,5/wd |
| | M 22x1,5 | vsch - 22x1,5/wd |
| | M 26x1,5 | vsch - 26x1,5/wd |
| | M 27x2 | vsch - 27x2 /wd |
| | M 33x2 | vsch - 33x2 /wd |
| 250 | M 42x2 | vsch - 42x2 /wd |
| | M 48x2 | vsch - 48x2 /wd |
| 400 | G 1/8" | vsch - R 1/8"/wd |
| | G 1/4" | vsch - R 1/4"/wd |
| | G 3/8" | vsch - R 3/8"/wd |
| | G 1/2" | vsch - R 1/2"/wd |
| | G 3/4" | vsch - R 3/4"/wd |
| | G 1 " | vsch - R 1 "/wd |
| 250 | G 1 1/4" | vsch - R 1 1/4"/wd |
| | G 1 1/2" | vsch - R 1 1/2"/wd |

| Tube Dia | Nom Pres Bar | Part No. | Part No. |
|----------|--------------|--------------|--------------|
| 6 | 315 | sto 6 - L/O | vschk 6 - L |
| 8 | | sto 8 - L/O | vschk 8 - L |
| 10 | | sto 10 - L/O | vschk 10 - L |
| 12 | | sto 12 - L/O | vschk 12 - L |
| 15 | | sto 15 - L/O | vschk 15 - L |
| 18 | | sto 18 - L/O | vschk 18 - L |
| 22 | 160 | sto 22 - L/O | vschk 22 - L |
| 28 | | sto 28 - L/O | vschk 28 - L |
| 35 | | sto 35 - L/O | vschk 35 - L |
| 38 | | sto 42 - L/O | vschk 42 - L |
| 42 | | | |
| 6 | 630 | sto 6 - S/O | vschk 6 - S |
| 8 | | sto 8 - S/O | vschk 8 - S |
| 10 | | sto 10 - S/O | vschk 10 - S |
| 12 | | sto 12 - S/O | vschk 12 - S |
| 14 | sto 14 - S/O | vschk 14 - S | |
| 16 | 400 | sto 16 - S/O | vschk 16 - S |
| 20 | | sto 20 - S/O | vschk 20 - S |
| 25 | | sto 25 - S/O | vschk 25 - S |
| 30 | | sto 30 - S/O | vschk 30 - S |
| 38 | 315 | sto 38 - S/O | vschk 38 - S |

Manometer-connections


| Tube Dia | Nom Pres Bar | BSP | Part No. | BSP | Part No. |
|----------|--------------|--------|----------|--------|--------------|
| 6 | 315 | G 1/4" | O 6 - L | G 1/4" | VODKO 6 - L |
| 8 | | G 1/4" | O 8 - L | G 1/4" | VODKO 8 - L |
| 10 | | G 1/4" | O 10 - L | G 1/4" | VODKO 10 - L |
| 12 | | G 1/4" | O 12 - L | G 1/4" | VODKO 12 - L |
| 6 | 630 | G 1/2" | O 6 - S | G 1/2" | VODKO 6 - S |
| 8 | | G 1/2" | O 8 - S | G 1/2" | VODKO 8 - S |
| 10 | | G 1/2" | O 10 - S | G 1/2" | VODKO 10 - S |
| 12 | | G 1/2" | O 12 - S | G 1/2" | VODKO 12 - S |


Flare-connection Parts

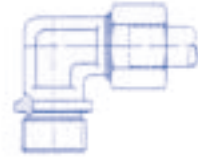
| Tube Dia | Nom Pres Bar | Flare-Adapter | | Support ring | Nut | Connect. parts compl. | |
|----------|--------------|---------------|----------|--------------|--------------|-----------------------|------------|
| | | O-Ring 1 | O-Ring 2 | | | | |
| 6 | 500 | BAO 6 - L/S | 4,5x1,5 | 4,4x0,8 | SRO 6 - L/S | BMO 6 - L | ABO 6 - L |
| 8 | | BAO 8 - L/S | 6 x1,5 | 6 x0,8 | SRO 8 - L/S | BMO 8 - L | ABO 8 - L |
| 10 | | BAO 10 - L/S | 8,5x1,5 | 7,5x0,8 | SRO 10 - L/S | BMO 10 - L | ABO 10 - L |
| 12 | 400 | BAO 12 - L/S | 10 x1,5 | 9,5x0,8 | SRO 12 - L/S | BMO 12 - L | ABO 12 - L |
| 15 | | BAO 15 - L | 13 x1,5 | 12,5x0,8 | SRO 15 - L | BMO 15 - L | ABO 15 - L |
| 18 | | BAO 18 - L | 16 x1,5 | 15 x1 | SRO 18 - L | BMO 18 - L | ABO 18 - L |
| 22 | 250 | BAO 22 - L | 20 x2 | 18 x1 | SRO 22 - L | BMO 22 - L | ABO 22 - L |
| 28 | | BAO 28 - L | 26 x2 | 23 x1 | SRO 28 - L | BMO 28 - L | ABO 28 - L |
| 35 | | BAO 35 - L | 32 x2,5 | 30 x1 | SRO 35 - L | BMO 35 - L | ABO 35 - L |
| 42 | | BAO 42 - L | 38 x2,5 | 37 x1 | SRO 42 - L | BMO 42 - L | ABO 42 - L |
| 6 | 630 | BAO 6 - L/S | 4,5x1,5 | 4,4x0,8 | SRO 6 - L/S | BMO 6 - S | ABO 6 - S |
| 8 | | BAO 8 - L/S | 6 x1,5 | 6 x0,8 | SRO 8 - L/S | BMO 8 - S | ABO 8 - S |
| 10 | | BAO 10 - L/S | 8,5x1,5 | 7,5x0,8 | SRO 10 - L/S | BMO 10 - S | ABO 10 - S |
| 12 | | BAO 12 - L/S | 10 x1,5 | 9,5x0,8 | SRO 12 - L/S | BMO 12 - S | ABO 12 - S |
| 14 | | BAO 14 - S | 12 x2 | 11 x1 | SRO 14 - S | BMO 14 - S | ABO 14 - S |
| 16 | BAO 16 - S | 14 x2 | 12,5x1 | SRO 16 - S | BMO 16 - S | ABO 16 - S | |
| 20 | 400 | BAO 20 - S | 17,3x2,4 | 16 x1 | SRO 20 - S | BMO 20 - S | ABO 20 - S |
| 25 | | BAO 25 - S | 22,3x2,4 | 20 x1 | SRO 25 - S | BMO 25 - S | ABO 25 - S |
| 30 | | BAO 30 - S | 27,3x2,4 | 25 x1 | SRO 30 - S | BMO 30 - S | ABO 30 - S |
| 38 | | BAO 38 - S | 35 x2,5 | 32 x1,78 | SRO 38 - S | BMO 38 - S | ABO 38 - S |

A - WD Straight male stud couplings wd Soft seal

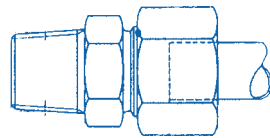


Port threads
BSPP
NPT
Metric
UN 'O' ring
Jump sizes

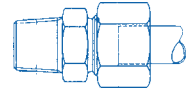
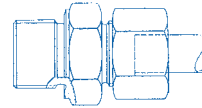
B - Male stud elbows



| Tube Dia | Nom Pres Bar | BSP/ NPT | BSP Part No. | NPT Part No. | Metric | Metric Part No. | Nom Pres Bar | BSP | Part No. | Metric | Part No. | NPT | Part No |
|--------------------------------|--------------|--|--|--|--|--|--------------|--|--|--|--|--|--|
| 4 6 8 | 100 | R 1/8" K R 1/8" K R 1/8" K | A 4 - RLLWD A 6 - RLLWD A 8 - RLLWD | A 4 - LL/NPT A 6 - LL/NPT A 8 - LL/NPT | M 8x1 K M 10x1 K M 10x1 K | A 4 - MLL A 6 - MLL A 8 - MLL | 100 | R 1/8" K R 1/8" K R 1/8" K | B 4 - RLL B 6 - RLL B 8 - RLL | M 8x1 K M 10x1 K M 10x1 K | B 4 - MLL B 6 - MLL B 8 - MLL | 1/8" NPT 1/8" NPT 1/8" NPT | B 4 - LL/NPT B 6 - LL/NPT B 8 - LL/NPT |
| 6 8 10 12 15 18 | 315 | G 1/8" G 1/4" G 1/4" G 3/8" G 1/2" G 1/2" | A 6 - RLWD A 8 - RLWD A 10 - RLWD A 12 - RLWD A 15 - RLWD A 18 - RLWD | A 6 - L/NPT A 8 - L/NPT A 10 - L/NPT A 12 - L/NPT A 15 - L/NPT A 18 - L/NPT | M 10x1 M 12x1,5 M 14x1,5 M 16x1,5 M 18x1,5 M 22x1,5 | A 6 - MLWD A 8 - MLWD A 10 - MLWD A 12 - MLWD A 15 - MLWD A 18 - MLWD | 315 | R 1/8" K R 1/4" K R 1/4" K R 3/8" K R 1/2" K R 1/2" K | B 6 - RL B 8 - RL B 10 - RL B 12 - RL B 15 - RL B 18 - RL | M 10x1 K M 12x1,5 K M 14x1,5 K M 16x1,5 K M 18x1,5 K M 22x1,5 K | B 6 - ML B 8 - ML B 10 - ML B 12 - ML B 15 - ML B 18 - ML | 1/8" NPT 1/4" NPT 1/4" NPT 3/8" NPT 1/2" NPT 1/2" NPT | B 6 - L/NPT B 8 - L/NPT B 10 - L/NPT B 12 - L/NPT B 15 - L/NPT B 18 - L/NPT |
| 22 28 35 42 | 160 | G 3/4" G 1" G 1 1/4" G 1 1/2" | A 22 - RLWD A 28 - RLWD A 35 - RLWD A 42 - RLWD | A 22 - L/NPT A 28 - L/NPT A 35 - L/NPT A 42 - L/NPT | M 26x1,5 M 33x2 M 42x2 M 48x2 | A 22 - MLWD A 28 - MLWD A 35 - MLWD A 42 - MLWD | 160 | G 3/4" G 1" G 1 1/4" G 1 1/2" | B 22 - RL B 28 - RL B 35 - RL B 42 - RL | M 26x1,5 M 33x2 M 42x2 M 48x2 | B 22 - ML B 28 - ML B 35 - ML B 42 - ML | 3/4" NPT 1" NPT 1 1/4" NPT 1 1/2" NPT | B 22 - L/NPT B 28 - L/NPT B 35 - L/NPT B 42 - L/NPT |
| 6 8 10 12 14 | 630 PB | G 1/4" G 1/4" G 3/8" G 3/8" G 1/2" | A 6 - RSWD A 8 - RSWD A 10 - RSWD A 12 - RSWD A 14 - RSWD | A 6 - S/NPT A 8 - S/NPT A 10 - S/NPT A 12 - S/NPT A 14 - S/NPT | M 12x1,5 M 14x1,5 M 16x1,5 M 18x1,5 M 20x1,5 | A 6 - MSWD A 8 - MSWD A 10 - MSWD A 12 - MSWD A 14 - MSWD | 400 | R 1/4" K R 1/4" K R 3/8" K R 3/8" K R 1/2" K | B 6 - RS B 8 - RS B 10 - RS B 12 - RS B 14 - RS | M 12x1,5 K M 14x1,5 K M 16x1,5 K M 18x1,5 K M 20x1,5 K | B 6 - MS B 8 - MS B 10 - MS B 12 - MS B 14 - MS | 1/4" NPT 1/4" NPT 3/8" NPT 3/8" NPT 1/2" NPT | B 6 - S/NPT B 8 - S/NPT B 10 - S/NPT B 12 - S/NPT B 14 - S/NPT |
| 16 20 25 | 400 PB | G 1/2" G 3/4" G 1" | A 16 - RSWD A 20 - RSWD A 25 - RSWD | A 16 - S/NPT A 20 - S/NPT A 25 - S/NPT | M 22x1,5 M 27x2 M 33x2 | A 16 - MSWD A 20 - MSWD A 25 - MSWD | PB | R 1/2" K R 3/4" K G 1" | B 16 - RS B 20 - RS B 25 - RS | M 22x1,5 K M 27x2 M 33x2 | B 16 - MS B 20 - MS B 25 - MS | 1/2" NPT 3/4" NPT 1" NPT | B 16 - S/NPT B 20 - S/NPT B 25 - S/NPT |
| 30 38 | 315 PB | G 1 1/4" G 1 1/2" | A 30 - RSWD A 38 - RSWD | A 30 - S/NPT A 38 - S/NPT | M 42x2 M 48x2 | A 30 - MSWD A 38 - MSWD | 250 PB | G 1 1/4" G 1 1/2" | B 30 - RS B 38 - RS | M 42x2 M 48x2 | B 30 - MS B 38 - MS | 1 1/4" NPT 1 1/2" NPT | B 30 - S/NPT ²⁾ B 38 - S/NPT ³⁾ |

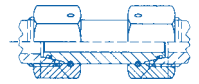
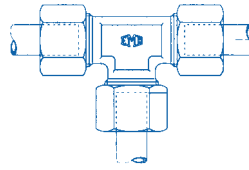
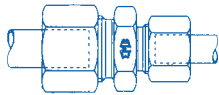


Male Stud Couplings



| Tube Dia | Pressure | BSPT Thread | | | |
|---------------------------------------|----------|--|--|----------|--|
| | | Thread Size | 'L' range Part No. | Pressure | 'S' range Part No. |
| 6 6 8 | 100 | 1/8" 1/8" 1/8" | AP6LLRK AP6LR1/8 AP8LLRK1/8 | 630 | |
| 6 8 10 12 | 315 | 1/4" 1/4" 1/4" 1/4" | AP6LR1/4 AP8LR1/4 AP10LR1/4 AP12LR1/4 | | AP6SR1/4 AP8SR1/4 AP10SR1/4 AP12SR1/4 |
| 8 10 12 15 | | 3/8" 3/8" 3/8" 3/8" | AP8LR3/8 AP10LR3/8 AP12LR3/8 AP15LR3/8 | | AP10SR3/8 AP12SR3/8 |
| 8 10 12 14 15 16 18 | | 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" | AP8LR1/2 AP10LR1/2 AP12LR1/2 AP15LR1/2 AP18LR1/2 | 400 | AP14SR1/2 AP16SR1/2 |
| 22 | 160 | 3/4" | AP22LR3/4 | | |

| Tube Dia | Thread Size | NPT Thread | | BSPP Thread | |
|--------------------------------|--|--|---|--------------------------|--------------------|
| | | 'L' range Part No. | 'S' range Part No. | 'L' range Part No. | 'S' range Part No. |
| 6 10 12 | 1/4" 1/4" 1/4" | A6L1/4NPT A12L1/4NPT | A10S1/4NPT A12S1/4NPT | A6RL1/4WD A12RL1/4WD | A12RS1/4WD |
| 6 8 15 16 | 3/8" 3/8" 3/8" 3/8" | A6L3/8NPT A8L3/8NPT A15L3/8NPT | A16S3/8NPT | A15RL3/8WD | A16RS3/8WD |
| 6 8 10 12 20 22 | 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" | A8L1/2NPT A12L1/2NPT A22L1/2NPT | A6S1/2NPT A10S1/2NPT A12S1/2NPT A20S1/2NPT | A12RL1/2WD | A12RS1/2WD |
| 12 16 18 25 | 3/4" 3/4" 3/4" 3/4" | A12S3/4NPT A16S3/4NPT A18L3/4NPT A25S3/4NPT | | A18RL3/4WD A25RL3/4WD | |



ER - Straight reducing Couplings

| Tube Dia D ₁ D ₂ | Nom Pres | Part No. | Pipe Dia D ₁ D ₂ | Nom Pres | Part No. |
|--|----------|--|--|----------|--|
| 6 4 8 4 8 6 | 100 | ER 6/4-LL ER 8/4-LL ER 8/6-LL | 8 6 10 6 10 8 | 800 | ER 8/6 -S ER 10/6-S ER 10/8-S |
| 8 6 10 6 10 8 | 500 | ER 8/6- L ER 10/6- L ER 10/8- L | 12 6 12 8 12 10 14 10 14 12 16 12 16 14 | 630 | ER 12/6-S ER 12/8-S ER 12/10-S ER 14/10-S ER 14/12-S ER 16/12-S ER 16/14-S |
| 12 6 12 8 12 10 15 10 15 12 18 10 18 12 18 15 | 400 | ER 12/6- L ER 12/8- L ER 12/10- L ER 15/10- L ER 15/12- L ER 18/10- L ER 18/12- L ER 18/15- L | 20 10 20 12 20 16 25 16 25 20 30 20 30 25 38 30 | 400 | ER 20/10-S ER 20/12-S ER 20/16-S ER 25/16-S ER 25/20-S ER 30/20-S ER 30/25-S ER 38/30-S |
| 22 12 22 15 22 18 28 18 28 22 35 22 35 28 | 250 | ER 22/12- L ER 22/15- L ER 22/18- L ER 28/18- L ER 28/22- L ER 35/22- L ER 35/28- L | | | |

GR - Reduction Tees

| Tube Dia D ₁ D ₂ D ₃ | Nom Pres | Part No. | Tube Dia D ₁ D ₂ D ₃ | Nom Pres | Part No. |
|---|----------|--|---|----------|---|
| 4 8 4 6 4 6 | 100 | GR 4/8/4 - LL GR 6/4/6 - LL | 22 10 22 22 12 22 22 15 15 22 15 22 22 22 18 22 18 22 22 22 18 28 10 28 28 12 28 28 15 28 28 18 28 28 22 22 28 22 28 28 22 28 | 250 | GR 22/10/22- L GR 22/12/22- L GR 22/15/15- L GR 22/15/22- L GR 22/22/18- L GR 22/18/22- L GR 22/22/18- L GR 28/10/28- L GR 28/12/28- L GR 28/15/28- L GR 28/18/28- L GR 28/22/22- L GR 28/22/28- L GR 28/22/28- L |
| 6 8 6 8 6 8 6 10 6 8 10 8 10 6 10 10 8 10 10 10 6 | 500 | GR 6/8/6 - L GR 8/6/8 - L GR 6/10/6 - L GR 8/10/8 - L GR 10/6/10- L GR 10/8/10- L GR 10/10/6- L | 8 12 8 12 6 12 12 8 8 12 8 12 12 10 10 12 10 12 12 12 10 10 15 10 12 15 12 15 6 15 15 10 15 15 12 12 15 12 15 15 15 12 12 18 12 18 10 10 18 10 18 18 12 18 18 15 18 18 18 10 | 400 | GR 8/12/8 - L GR 12/6/12- L GR 12/8/8 - L GR 12/8/12- L GR 12/10/10- L GR 12/10/12- L GR 12/12/10- L GR 10/15/10- L GR 12/15/12- L GR 15/6/15- L GR 15/10/15- L GR 15/12/12- L GR 15/12/15- L GR 15/15/12- L GR 12/18/12- L GR 18/10/10- L GR 18/10/18- L GR 18/12/18- L GR 18/15/18- L GR 18/18/10- L |
| | 800 | GR 10/6/10- S | 10 6 10 | | |
| | 630 | GR 12/8/8 - S GR 12/8/12- S GR 12/10/12- S GR 12/16/12- S GR 16/6/16- S GR 16/8/16- S GR 16/10/16- S GR 16/12/16- S | 12 8 8 12 8 12 12 10 12 12 16 12 16 6 16 16 8 16 16 10 16 16 12 16 | | |
| | 400 | GR 16/20/16- S GR 20/10/20- S GR 20/12/20- S GR 20/16/20- S GR 20/25/20- S GR 25/16/25- S GR 25/20/25- S GR 25/30/25- S | 16 20 16 20 10 20 20 12 20 20 16 20 20 25 20 25 16 25 25 20 25 25 30 25 | | |

EDKO - Straight Connection with 24° taper

| Tube Dia | Nom Pres | Part No. |
|----------------------|----------|--|
| 6 8 10 | 500 | EDKO 6-L EDKO 8-L EDKO 10-L |
| 12 15 18 | 400 | EDKO 12-L EDKO 15-L EDKO 18-L |
| 22 28 35 42 | 250 | EDKO 22-L EDKO 28-L EDKO 35-L EDKO 42-L |
| 6 8 10 | 800 | EDKO 6-S EDKO 8-S EDKO 10-S |
| 12 14 16 | 630 | EDKO 12-S EDKO 14-S EDKO 16-S |
| 20 25 30 38 | 400 | EDKO 20-S EDKO 25-S EDKO 30-S EDKO 38-S |

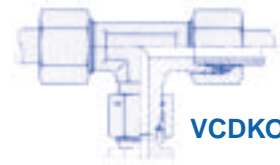
Adjustable couplings with taper and O-Ring DIN 3865



VADKO



VBDKO



VCDKO

| Tube Dia | Nom Pres Bar | Part No. | Part No. | Part No. | Part No. incl Male Stud BSPP | Part No. incl Male Stud Metric | Part No. | Part No. incl Male Stud BSPP | Part No. incl Male Stud Metric |
|--------------------------------|--------------|--|--|--|--|--|--|--|--|
| 6 8 10 12 15 18 | 315 | VADKO 6-RL/wd VADKO 8-RL/wd VADKO 10-RL/wd VADKO 12-RL/wd VADKO 15-RL/wd VADKO 18-RL/wd | VADKO 6-ML/wd VADKO 8-ML/wd VADKO 10-ML/wd VADKO 12-ML/wd VADKO 15-ML/wd VADKO 18-ML/wd | VBDKO 6-L VBDKO 8-L VBDKO 10-L VBDKO 12-L VBDKO 15-L VBDKO 18-L | VBDKO 6-RL wd VBDKO 8-RL wd VBDKO 10-RL wd VBDKO 12-RL wd VBDKO 15-RL wd VBDKO 18-RL wd | VBDKO 6-ML wd VBDKO 8-ML wd VBDKO 10-ML wd VBDKO 12-ML wd VBDKO 15-ML wd VBDKO 18-ML wd | VCDKO 6-L VCDKO 8-L VCDKO 10-L VCDKO 12-L VCDKO 15-L VCDKO 18-L | VCDKO 6-RL wd VCDKO 8-RL wd VCDKO 10-RL wd VCDKO 12-RL wd VCDKO 15-RL wd VCDKO 18-RL wd | VCDKO 6-M VCDKO 8-M VCDKO 10-M VCDKO 12-M VCDKO 15-M VCDKO 18-M |
| 22 28 35 42 | 160 | VADKO 22-RL/wd VADKO 28-RL/wd VADKO 35-RL/wd VADKO 42-RL/wd | VADKO 22-ML/wd VADKO 28-ML/wd VADKO 35-ML/wd VADKO 42-ML/wd | VBDKO 22-L VBDKO 28-L VBDKO 35-L VBDKO 42-L | VBDKO 22-RL wd VBDKO 28-RL wd VBDKO 35-RL wd VBDKO 42-RL wd | VBDKO 22-ML wd VBDKO 28-ML wd VBDKO 35-ML wd VBDKO 42-ML wd | VCDKO 22-L VCDKO 28-L VCDKO 35-L VCDKO 42-L | VCDKO 22-RL wd VCDKO 28-RL wd VCDKO 35-RL wd VCDKO 42-RL wd | VCDKO 22-M VCDKO 28-M VCDKO 35-M VCDKO 42-M |
| 6 8 10 12 14 16 | 630 | VADKO 6-RS/wd VADKO 8-RS/wd VADKO 10-RS/wd VADKO 12-RS/wd VADKO 14-RS/wd VADKO 16-RS/wd | VADKO 6-MS/wd VADKO 8-MS/wd VADKO 10-MS/wd VADKO 12-MS/wd VADKO 14-MS/wd VADKO 16-MS/wd | VBDKO 6-S VBDKO 8-S VBDKO 10-S VBDKO 12-S VBDKO 14-S VBDKO 16-S | VBDKO 6-RS wd VBDKO 8-RS wd VBDKO 10-RS wd VBDKO 12-RS wd VBDKO 14-RS wd VBDKO 16-RS wd | VBDKO 6-MS wd VBDKO 8-MS wd VBDKO 10-MS wd VBDKO 12-MS wd VBDKO 14-MS wd VBDKO 16-MS wd | VCDKO 6-S VCDKO 8-S VCDKO 10-S VCDKO 12-S VCDKO 14-S VCDKO 16-S | VCDKO 6-RS wd VCDKO 8-RS wd VCDKO 10-RS wd VCDKO 12-RS wd VCDKO 14-RS wd VCDKO 16-RS wd | VCDKO 6-MS VCDKO 8-MS VCDKO 10-MS VCDKO 12-MS VCDKO 14-MS VCDKO 16-MS |
| 20 25 30 | 400 | VADKO 20-RS/wd VADKO 25-RS/wd VADKO 30-RS/wd | VADKO 20-MS/wd VADKO 25-MS/wd VADKO 30-MS/wd | VBDKO 20-S VBDKO 25-S VBDKO 30-S | VBDKO 20-RS wd VBDKO 25-RS wd VBDKO 30-RS wd | VBDKO 20-MS wd VBDKO 25-MS wd VBDKO 30-MS wd | VCDKO 20-S VCDKO 25-S VCDKO 30-S | VCDKO 20-RS wd VCDKO 25-RS wd VCDKO 30-RS wd | VCDKO 20-MS VCDKO 25-MS VCDKO 30-MS |
| 38 | 315 | VADKO 38-RS/wd | VADKO 38-MS/wd | VBDKO 38-S | VBDKO 38-RS wd | VBDKO 38-MS wd | VCDKO 38-S | VCDKO 38-RS wd | VCDKO 38-MS |



E Straight couplings



K Straight bulkhead connection

F Equal elbows



G Equal tees



H Equal crosses



| Tube Dia | Union Part No. | Elbow Part No. | Tee Part No. | Cross Part No. | B'Head Part No. | Elbow B'Head Part No. | Weld B'Head Part No. | Weld Boss Part No. |
|----------|----------------|----------------|--------------|----------------|-----------------|-----------------------|----------------------|--------------------|
| 4 | E 4-LL | F 4-LL | G 4-LL | | | | | |
| 6 | E 6-LL | F 6-LL | G 6-LL | | | | | |
| 8 | E 8-LL | F 8-LL | G 8-LL | | | | | |
| 6 | E 6-L | F 6-L | G 6-L | H 6-L | K 6-L | L 6-L | N 6-L | V 6-L |
| 8 | E 8-L | F 8-L | G 8-L | H 8-L | K 8-L | L 8-L | N 8-L | V 8-L |
| 10 | E 10-L | F 10-L | G 10-L | H 10-L | K 10-L | L 10-L | N 10-L | V 10-L |
| 12 | E 12-L | F 12-L | G 12-L | H 12-L | K 12-L | L 12-L | N 12-L | V 12-L |
| 15 | E 15-L | F 15-L | G 15-L | H 15-L | K 15-L | L 15-L | N 15-L | V 15-L |
| 18 | E 18-L | F 18-L | G 18-L | H 18-L | K 18-L | L 18-L | N 18-L | V 18-L |
| 22 | E 22-L | F 22-L | G 22-L | H 22-L | K 22-L | L 22-L | N 22-L | V 22-L |
| 28 | E 28-L | F 28-L | G 28-L | H 28-L | K 28-L | L 28-L | N 28-L | V 28-L |
| 35 | E 35-L | F 35-L | G 35-L | H 35-L | K 35-L | L 35-L | N 35-L | V 35-L |
| 42 | E 42-L | F 42-L | G 42-L | H 42-L | K 42-L | L 42-L | N 42-L | V 42-L |
| 6 | E 6-S | F 6-S | G 6-S | H 6-S | K 6-S | L 6-S | N 6-S | V 6-S |
| 8 | E 8-S | F 8-S | G 8-S | H 8-S | K 8-S | L 8-S | N 8-S | V 8-S |
| 10 | E 10-S | F 10-S | G 10-S | H 10-S | K 10-S | L 10-S | N 10-S | V 10-S |
| 12 | E 12-S | F 12-S | G 12-S | H 12-S | K 12-S | L 12-S | N 12-S | V 12-S |
| 14 | E 14-S | F 14-S | G 14-S | H 14-S | K 14-S | L 14-S | N 14-S | V 14-S |
| 16 | E 16-S | F 16-S | G 16-S | H 16-S | K 16-S | L 16-S | N 16-S | V 16-S |
| 20 | E 20-S | F 20-S | G 20-S | H 20-S | K 20-S | L 20-S | N 20-S | V 20-S |
| 25 | E 25-S | F 25-S | G 25-S | H 25-S | K 25-S | L 25-S | N 25-S | V 25-S |
| 30 | E 30-S | F 30-S | G 30-S | H 30-S | K 30-S | L 30-S | N 30-S | V 30-S |
| 38 | E 38-S | F 38-S | G 38-S | H 38-S | K 38-S | L 38-S | N 38-S | V 38-S |

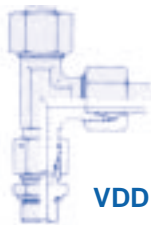
K Bulkhead Elbow connection



N Welding Bulkhead connection



V Welding Bosses



VDDKO



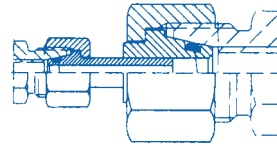
Ai Female stud couplings

| Metric | Part No. | Part No. incl male Stud BSPP | Part No. incl male Stud Metric |
|--------|------------|------------------------------|--------------------------------|
| L wd | VDDKO 6-L | VDDKO 6-RL wd | VDDKO 6-ML wd |
| L wd | VDDKO 8-L | VDDKO 8-RL wd | VDDKO 8-ML wd |
| L wd | VDDKO 10-L | VDDKO 10-RL wd | VDDKO 10-ML wd |
| L wd | VDDKO 12-L | VDDKO 12-RL wd | VDDKO 12-ML wd |
| L wd | VDDKO 15-L | VDDKO 15-RL wd | VDDKO 15-ML wd |
| L wd | VDDKO 18-L | VDDKO 18-RL wd | VDDKO 18-ML wd |
| /wd | VDDKO 22-L | VDDKO 22-RL wd | VDDKO 22-ML wd |
| /wd | VDDKO 28-L | VDDKO 28-RL wd | VDDKO 28-ML wd |
| /wd | VDDKO 35-L | VDDKO 35-RL wd | VDDKO 35-ML wd |
| /wd | VDDKO 42-L | VDDKO 42-RL wd | VDDKO 42-ML wd |
| S wd | VDDKO 6-S | VDDKO 6-RS wd | VDDKO 6-MS wd |
| S wd | VDDKO 8-S | VDDKO 8-RS wd | VDDKO 8-MS wd |
| S wd | VDDKO 10-S | VDDKO 10-RS wd | VDDKO 10-MS wd |
| S wd | VDDKO 12-S | VDDKO 12-RS wd | VDDKO 12-MS wd |
| S wd | VDDKO 14-S | VDDKO 14-RS wd | VDDKO 14-MS wd |
| S wd | VDDKO 16-S | VDDKO 16-RS wd | VDDKO 16-MS wd |
| S wd | VDDKO 20-S | VDDKO 20-RS wd | VDDKO 20-MS wd |
| S wd | VDDKO 25-S | VDDKO 25-RS wd | VDDKO 25-MS wd |
| S wd | VDDKO 30-S | VDDKO 30-RS wd | VDDKO 30-MS wd |
| S wd | VDDKO 38-S | VDDKO 38-RS wd | VDDKO 38-MS wd |

| Tube Dia | Nom. Press Bar | BSPP Female Thread | Part No. | Metric Female Thread | Part No. |
|----------|----------------|--------------------|------------------|----------------------|------------------|
| 6 | 315 | G 1/8" | Ai 6-L/R 1/8" | M10x1 | Ai 6-L/M 10x1 |
| 8 | | G 1/4" | Ai 8-L/R 1/4" | M12x1,5 | Ai 8-L/M 12x1,5 |
| 10 | | G 3/8" | Ai 10-L/R 3/8" | M14x1,5 | Ai 10-L/M 14x1,5 |
| 12 | | G 1/2" | Ai 12-L/R 1/2" | M16x1,5 | Ai 12-L/M 16x1,5 |
| 15 | | G 5/8" | Ai 15-L/R 5/8" | M18x1,5 | Ai 15-L/M 18x1,5 |
| 18 | | G 3/4" | Ai 18-L/R 3/4" | M22x1,5 | Ai 18-L/M 22x1,5 |
| 22 | 160 | G 3/4" | Ai 22-L/R 3/4" | M26x1,5 | Ai 22-L/M 26x1,5 |
| 28 | | G 1" | Ai 28-L/R 1" | M33x2 | Ai 28-L/M 33x2 |
| 35 | | G 1 1/4" | Ai 35-L/R 1 1/4" | M42x2 | Ai 35-L/M 42x2 |
| 42 | | G 1 1/2" | Ai 42-L/R 1 1/2" | M48x2 | Ai 42-L/M 48x2 |
| 6 | 630 | G 1/4" | Ai 6-S/R 1/4" | M12x1,5 | Ai 6-S/M 12x1,5 |
| 8 | | G 3/8" | Ai 8-S/R 3/8" | M14x1,5 | Ai 8-S/M 14x1,5 |
| 10 | | G 1/2" | Ai 10-S/R 1/2" | M16x1,5 | Ai 10-S/M 16x1,5 |
| 12 | | G 5/8" | Ai 12-S/R 5/8" | M18x1,5 | Ai 12-S/M 18x1,5 |
| 14 | | G 3/4" | Ai 14-S/R 3/4" | M20x1,5 | Ai 14-S/M 20x1,5 |
| 16 | 400 | G 1/2" | Ai 16-S/R 1/2" | M22x1,5 | Ai 16-S/M 22x1,5 |
| 20 | | G 3/4" | Ai 20-S/R 3/4" | M27x2 | Ai 20-S/M 27x2 |
| 25 | | G 1" | Ai 25-S/R 1" | M33x2 | Ai 25-S/M 33x2 |
| 30 | | G 1 1/4" | Ai 30-S/R 1 1/4" | M42x2 | Ai 30-S/M 42x2 |
| 38 | 315 | G 1 1/2" | Ai 38-S/R 1 1/2" | M48x2 | Ai 38-S/M 48x2 |



| Tube Dia | | Part No. | Tube Dia | | Part No. |
|----------------|----------------|---------------|----------------|----------------|---------------|
| D ₁ | D ₂ | | D ₁ | D ₂ | |
| 6L | 6S | EDKOR 6L/6S | 15L | 16S | EDKOR 15L/16S |
| 6L | 8L | EDKOR 6L/8L | 15L | 18L | EDKOR 15L/18L |
| 6L | 8S | EDKOR 6L/8S | 15L | 20S | EDKOR 15L/20S |
| 6L | 10L | EDKOR 6L/10L | 15L | 22L | EDKOR 15L/22L |
| 6L | 10S | EDKOR 6L/10S | 15L | 25S | EDKOR 15L/25S |
| 8L | 8S | EDKOR 8L/8S | 16S | 18L | EDKOR 16S/18L |
| | | EDKOR 8L/10L | 16S | 20S | EDKOR 16S/20S |
| 8L | 10L | EDKOR 8L/10S | 16S | 22L | EDKOR 16S/22L |
| 8L | 10S | EDKOR 8L/12L | 16S | 25S | EDKOR 16S/25S |
| 8L | 12L | EDKOR 8L/12S | 18L | 20S | EDKOR 18L/20S |
| 8L | 12S | EDKOR 10S/10L | 18L | 22L | EDKOR 18L/22L |
| 10S | 10L | EDKOR 10L/12L | 18L | 25S | EDKOR 18L/25S |
| 10L | 12L | EDKOR 10L/12S | 18L | 28L | EDKOR 18L/28L |
| 10L | 12S | EDKOR 10S/12L | 18L | 30S | EDKOR 18L/30S |
| 10S | 12L | EDKOR 10S/12S | 20S | 22L | EDKOR 20S/22L |
| 10S | 12S | EDKOR 10L/14S | 20S | 25S | EDKOR 20S/25S |
| 10L | 14S | EDKOR 10L/15L | 20S | 28L | EDKOR 20S/28L |
| 10L | 15L | EDKOR 10L/16S | 20S | 30S | EDKOR 20S/30S |
| 10L | 16S | EDKOR 12S/12L | 22L | 25S | EDKOR 22L/25S |
| 12S | 12L | EDKOR 12L/14S | 22L | 28L | EDKOR 22L/28L |
| 12L | 14S | EDKOR 12S/14S | 22L | 30S | EDKOR 22L/30S |
| 12S | 14S | EDKOR 12L/15L | 22L | 35L | EDKOR 22L/35L |
| 12L | 15L | EDKOR 12S/15L | 25S | 28L | EDKOR 25S/28L |
| | | EDKOR 12L/16S | 25S | 30S | EDKOR 25S/30S |
| 12S | 15L | EDKOR 12S/16S | 25S | 35S | EDKOR 25S/35S |
| 12L | 16S | EDKOR 12L/18L | 25S | 38S | EDKOR 25S/38S |
| 12S | 16S | EDKOR 12L/20S | 28L | 30S | EDKOR 28L/30S |
| 12L | 18L | EDKOR 14S/16S | 28L | 35L | EDKOR 28L/35L |
| | | | 28L | 38S | EDKOR 28L/38S |
| | | | 28L | 42L | EDKOR 28L/42L |
| | | | 30S | 35L | EDKOR 30S/35L |
| | | | 30S | 38S | EDKOR 30S/38S |
| | | | 30S | 42L | EDKOR 30S/42L |
| | | | 35L | 38S | EDKOR 35L/38S |
| | | | 35L | 42L | EDKOR 35L/42L |
| | | | 38S | 42L | EDKOR 38S/42L |



EDKOR - Swivel reducers

Female/Female
L/L
S/S
L/S



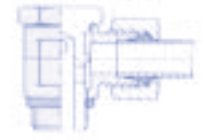
SBO - Banjo couplings with O-ring



SB-WD Choke free Banjo couplings c/w Soft seal



SG - Choke free double Banjo couplings



SBD - Banjo couplings

| Tube Dia | Nom Pres | R | BSP Part No. | M | Metric Part No. | R | BSP Part No. | M | Metric Part No. | R | BSP Part No. | M | Metric Part No. | R | BSP Part No. | M | Metric Part No. |
|----------|----------|-----------|--------------|-----------|-----------------|------------|--------------|------------|-----------------|----------|--------------|----------|-----------------|------------------------|------------------------|------------------------|------------------------|
| 4 | 100 | | | | | | | | | | | | | G 1/8" | SBD 4-RL | M 8x1 | SBD 4-ML |
| 6 | | | | | | | | | | | | | | G 1/8" | SBD 6-RL | M 10x1 | SBD 6-ML |
| 8 | | | | | | | | | | | | | | G 1/8" | SBD 8-RL | M 10x1 | SBD 8-ML |
| 6 | 250 | G 1/8" | SBO 6-RL | M 10x1 | SBO 6-ML | G 1/8" | SB 6-RLWD | M 10x1 | SB 6-MLWD | G 1/8" | SG 6-RL | M 10x1 | SG 6-ML | G 1/8" | SBD 6-RL | M 10x1 | SBD 6-ML |
| 8 | | G 1/4" | SBO 8-RL | M 12x1,5 | SBO 8-ML | G 1/4" | SB 8-RLWD | M 12x1,5 | SB 8-MLWD | G 1/4" | SG 8-RL | M 12x1,5 | SG 8-ML | G 1/4" | SBD 8-RL | M 12x1,5 | SBD 8-ML |
| 10 | | G 3/8" | SBO 10-RL | M 14x1,5 | SBO 10-ML | G 3/8" | SB 10-RLWD | M 14x1,5 | SB 10-MLWD | G 3/8" | SG 10-RL | M 14x1,5 | SG 10-ML | G 3/8" | SBD 10-RL | M 14x1,5 | SBD 10-ML |
| 12 | | G 1/2" | SBO 12-RL | M 16x1,5 | SBO 12-ML | G 1/2" | SB 12-RLWD | M 16x1,5 | SB 12-MLWD | G 1/2" | SG 12-RL | M 16x1,5 | SG 12-ML | G 1/2" | SBD 12-RL | M 16x1,5 | SBD 12-ML |
| 15 | | | SBO 15-RL | M 18x1,5 | SBO 15-ML | G 1/2" | SB 15-RLWD | M 18x1,5 | SB 15-MLWD | G 1/2" | SG 15-RL | M 18x1,5 | SG 15-ML | G 1/2" | SBD 15-RL | M 18x1,5 | SBD 15-ML |
| 18 | 100 | G 1/8" | SBO 18-RL | M 22x1,5 | SBO 18-ML | G 1/8" | SB 18-RLWD | M 22x1,5 | SB 18-MLWD | G 1/8" | SG 18-RL | M 22x1,5 | SG 18-ML | G 1/8" | SBD 18-RL ⁶ | M 22x1,5 | SBD 18-ML ⁶ |
| 22 | | G 3/4" | SBO 22-RL | M 26x1,5 | SBO 22-ML | G 3/4" | SB 22-RLWD | M 26x1,5 | SB 22-MLWD | G 3/4" | SG 22-RL | M 26x1,5 | SG 22-ML | G 3/4" | SBD 22-RL ⁶ | M 26x1,5 | SBD 22-ML ⁶ |
| 28 | | G 1" | SBO 28-RL | M 33x2 | SBO 28-ML | G 1" | SB 28-RLWD | M 33x2 | SB 28-MLWD | G 1" | SG 28-RL | M 33x2 | SG 28-ML | | | | |
| 35 | | G 1 1/4" | SBO 35-RL | M 42x2 | SBO 35-ML | G 1 1/4" | SB 35-RLWD | M 42x2 | SB 35-MLWD | G 1 1/4" | SG 35-RL | M 42x2 | SG 35-ML | | | | |
| 42 | | G 1 1/2" | SBO 42-RL | M 48x2 | SBO 42-ML | G 1 1/2" | SB 42-RLWD | M 48x2 | SB 42-MLWD | G 1 1/2" | SG 42-RL | M 48x2 | SG 42-ML | | | | |
| 6 | 400 | G 1/4" | SBO 6-RS | M 12x1,5 | SBO 6-MS | G 1/4" | SB 6-RSWD | M 12x1,5 | SB 6-MSWD | G 1/4" | SG 6-RS | M 12x1,5 | SG 6-MS | G 1/4" | SBD 6-RS ⁷ | M 12x1,5 | SBD 6-MS ⁷ |
| 8 | | G 3/8" | SBO 8-RS | M 14x1,5 | SBO 8-MS | G 3/8" | SB 8-RSWD | M 14x1,5 | SB 8-MSWD | G 3/8" | SG 8-RS | M 14x1,5 | SG 8-MS | G 3/8" | SBD 8-RS ⁷ | M 14x1,5 | SBD 8-MS ⁷ |
| 10 | | G 1/2" | SBO 10-RS | M 16x1,5 | SBO 10-MS | G 1/2" | SB 10-RSWD | M 16x1,5 | SB 10-MSWD | G 1/2" | SG 10-RS | M 16x1,5 | SG 10-MS | G 1/2" | SBD 10-RS ⁷ | M 16x1,5 | SBD 10-MS ⁷ |
| 12 | | G 3/4" | SBO 12-RS | M 18x1,5 | SBO 12-MS | G 3/4" | SB 12-RSWD | M 18x1,5 | SB 12-MSWD | G 3/4" | SG 12-RS | M 18x1,5 | SG 12-MS | G 3/4" | SBD 12-RS ⁷ | M 18x1,5 | SBD 12-MS ⁷ |
| 14 | | G 1" | SBO 14-RS | M 20x1,5 | SBO 14-MS | G 1" | SB 14-RSWD | M 20x1,5 | SB 14-MSWD | G 1" | SG 14-RS | M 20x1,5 | SG 14-MS | G 1" | SBD 14-RS ⁷ | M 20x1,5 | SBD 14-MS ⁷ |
| 16 | | G 1 1/4" | SBO 16-RS | M 22x1,5 | SBO 16-MS | G 1 1/4" | SB 16-RSWD | M 22x1,5 | SB 16-MSWD | G 1 1/4" | SG 16-RS | M 22x1,5 | SG 16-MS | G 1 1/4" | SBD 16-RS ⁷ | M 22x1,5 | SBD 16-MS ⁷ |
| 20 | G 3/4" | SBO 20-RS | M 27x2 | SBO 20-MS | G 3/4" | SB 20-RSWD | M 27x2 | SB 20-MSWD | G 3/4" | SG 20-RS | M 27x2 | SG 20-MS | G 3/4" | SBD 20-RS ⁸ | M 27x2 | SBD 20-MS ⁸ | |
| 25 | 250 | G 1" | SBO 25-RS | M 33x2 | SBO 25-MS | G 1" | SB 25-RSWD | M 33x2 | SB 25-MSWD | G 1" | SG 25-RS | M 33x2 | SG 25-MS | | | | |
| 30 | | G 1 1/4" | SBO 30-RS | M 42x2 | SBO 30-MS | G 1 1/4" | SB 30-RSWD | M 42x2 | SB 30-MSWD | G 1 1/4" | SG 30-RS | M 42x2 | SG 30-MS | | | | |
| 38 | | G 1 1/2" | SBO 38-RS | M 48x2 | SBO 38-MS | G 1 1/2" | SB 38-RSWD | M 48x2 | SB 38-MSWD | G 1 1/2" | SG 38-RS | M 48x2 | SG 38-MS | | | | |

m Cap nuts



DS Cutting rings

| Tube Dia | Nom Pres | Nut Part No. | Ring Part No. |
|----------|----------|--------------|---------------|
| 4 | 100 | m 4-LL | S 4-LL |
| 6 | | m 6-LL | S 6-LL |
| 8 | | m 8-LL | S 8-LL |
| 6 | 315 | m 6-L | DS 6-L |
| 8 | | m 8-L | DS 8-L |
| 10 | | m 10-L | DS 10-L |
| 12 | | m 12-L | DS 12-L |
| 15 | | m 15-L | DS 15-L |
| 18 | | m 18-L | DS 18-L |
| 22 | 160 | m 22-L | DS 22-L |
| 28 | | m 28-L | DS 28-L |
| 35 | | m 35-L | DS 35-L |
| 42 | | m 42-L | DS 42-L |
| 6 | 630 | m 6-S | DS 6-S |
| 8 | | m 8-S | DS 8-S |
| 10 | | m 10-S | DS 10-S |
| 12 | | m 12-S | DS 12-S |
| 14 | 400 | m 14-S | DS 14-S |
| 16 | | m 16-S | DS 16-S |
| 20 | | m 20-S | DS 20-S |
| 25 | | m 25-S | DS 25-S |
| 30 | 315 | m 30-S | DS 30-S |
| 38 | | m 38-S | DS 38-S |

gm Conter nut



| Thread | Part No. |
|----------|--------------|
| M 12x1,5 | gm 6-L |
| M 14x1,5 | gm 6-S/ 8-L |
| M 16x1,5 | gm 8-S/10-L |
| M 18x1,5 | gm 10-S/12-L |
| M 20x1,5 | gm 12-S |
| M 22x1,5 | gm 14-S/15-L |
| M 24x1,5 | gm 16-S |
| M 26x1,5 | gm 18-L |
| M 30x2 | gm 20-S/22-L |
| M 36x2 | gm 25-S/28-L |
| M 42x2 | gm 30-S |
| M 45x2 | gm 35-L |
| M 52x2 | gm 38-S/42-L |

SNO Welding nipple with O-ring



| Pipe Dia | Nom Pres | Tube Dia | Part No. |
|----------|----------|----------|------------|
| 6 | 630 | 6x2 | SNO 6x2 |
| 8 | 630 | 8x2,5 | SNO 8x2,5 |
| 10 | 400 | 10x2,5 | SNO 10x2,5 |
| 10 | 630 | 10x3 | SNO 10x3 |
| 12 | 400 | 12x2,5 | SNO 12x2,5 |
| 12 | 630 | 12x3,5 | SNO 12x3,5 |
| 14 | 250 | 14x2,5 | SNO 14x2,5 |
| 14 | 400 | 14x3 | SNO 14x3 |
| 14 | 630 | 14x4 | SNO 14x4 |
| 16 | 250 | 16x2 | SNO 16x2 |
| 16 | 400 | 16x3 | SNO 16x3 |
| 20 | 250 | 20x3 | SNO 20x3 |
| 20 | 315 | 20x3,5 | SNO 20x3,5 |
| 20 | 400 | 20x4 | SNO 20x4 |
| 25 | 250 | 25x3 | SNO 25x3 |
| 25 | 315 | 25x4 | SNO 25x4 |
| 25 | 400 | 25x5 | SNO 25x5 |
| 30 | 250 | 30x4 | SNO 30x4 |
| 30 | 315 | 30x5 | SNO 30x5 |
| 30 | 400 | 30x6 | SNO 30x6 |
| 38 | 250 | 38x5 | SNO 38x5 |
| 38 | 315 | 30x6 | SNO 30x6 |
| 38 | 400 | 38x8 | SNO 38x8 |

dka Seal-edge rings dki



| Suit Male Thread | Part No. |
|------------------|--------------|
| M 8x1 | dka M 8 |
| M 10x1 | dka M 10 |
| M 12x1,5 | dka M 12 |
| M 14x1,5 | dka M 14 |
| M 16x1,5 | dka M 16 |
| M 18x1,5 | dka M 18 |
| M 20x1,5 | dka M 20 |
| M 22x1,5 | dka M 22 |
| M 26x1,5 | dka M 26 |
| M 27x2 | dka M 27 |
| M 33x2 | dka M 33 |
| M 42x2 | dka M 42 |
| M 48x2 | dka M 48 |
| Male BSPP Thread | Part No |
| R 1/8" | dka R 1/8" |
| R 1/4" | dka R 1/4" |
| R 3/8" | dka R 3/8" |
| R 1/2" | dka R 1/2" |
| R 3/4" | dka R 3/4" |
| R 1" | dka R 1" |
| R 1 1/4" | dka R 1 1/4" |
| R 1 1/2" | dka R 1 1/2" |
| Female Thread | Part No. |
| R 1/4" | dki R 1/4" |
| R 1/2" | dki R 1/2" |



RLDKO - Reducing connections RSDKO - with Taper and O-Ring DIN 3865

| Tube Dia D ₁ -D ₂ | Part No. | Pipe Dia D ₁ -D ₂ | Part No. | Pipe Dia D ₁ -D ₂ | Part No. | Pipe Dia D ₁ -D ₂ | Part No. |
|---|-------------|---|-------------|---|-------------|---|-------------|
| 8-6 | RLDKO 8/ 6 | 28-10 | RLDKO 28/10 | 8-6 | RSDKO 8/ 6 | 25-10 | RSDKO 25/10 |
| 10-6 | RLDKO 10/ 6 | 28-12 | RLDKO 28/12 | 10-6 | RSDKO 10/ 6 | 25-12 | RSDKO 25/12 |
| 10-8 | RLDKO 10/ 8 | 28-15 | RLDKO 28/15 | 10-8 | RSDKO 10/ 8 | 25-14 | RSDKO 25/14 |
| 12-6 | RLDKO 12/ 6 | 28-18 | RLDKO 28/18 | 12-6 | RSDKO 12/ 6 | 25-16 | RSDKO 25/16 |
| 12-8 | RLDKO 12/ 8 | 28-22 | RLDKO 28/22 | 12-8 | RSDKO 12/ 8 | 25-20 | RSDKO 25/20 |
| 12-10 | RLDKO 12/10 | 35-6 | RLDKO 35/ 6 | 12-10 | RSDKO 12/10 | 30-6 | RSDKO 30/ 6 |
| 15-6 | RLDKO 15/ 6 | 35-8 | RLDKO 35/ 8 | 14-6 | RSDKO 14/ 6 | 30-8 | RSDKO 30/ 8 |
| 15-8 | RLDKO 15/ 8 | 35-10 | RLDKO 35/10 | 14-8 | RSDKO 14/ 8 | 30-10 | RSDKO 30/10 |
| 15-10 | RLDKO 15/10 | 35-12 | RLDKO 35/12 | 14-10 | RSDKO 14/10 | 30-12 | RSDKO 30/12 |
| 15-12 | RLDKO 15/12 | 35-15 | RLDKO 35/15 | 14-12 | RSDKO 14/12 | 30-14 | RSDKO 30/14 |
| 18-6 | RLDKO 18/ 6 | 35-18 | RLDKO 35/18 | 16-6 | RSDKO 16/ 6 | 30-16 | RSDKO 30/16 |
| 18-8 | RLDKO 18/ 8 | 35-22 | RLDKO 35/22 | 16-8 | RSDKO 16/ 8 | 30-20 | RSDKO 30/20 |
| 18-10 | RLDKO 18/10 | 35-28 | RLDKO 35/28 | 16-10 | RSDKO 16/10 | 30-25 | RSDKO 30/25 |
| 18-12 | RLDKO 18/12 | 42-6 | RLDKO 42/ 6 | 16-12 | RSDKO 16/12 | 38-6 | RSDKO 38/ 6 |
| 18-15 | RLDKO 18/15 | 42-8 | RLDKO 42/ 8 | 16-14 | RSDKO 16/14 | 38-8 | RSDKO 38/ 8 |
| 22-6 | RLDKO 22/ 6 | 42-10 | RLDKO 42/10 | 20-6 | RSDKO 20/ 6 | 38-10 | RSDKO 38/10 |
| 22-8 | RLDKO 22/ 8 | 42-12 | RLDKO 42/12 | 20-8 | RSDKO 20/ 8 | 38-12 | RSDKO 38/12 |
| 22-10 | RLDKO 22/10 | 42-15 | RLDKO 42/15 | 20-10 | RSDKO 20/10 | 38-14 | RSDKO 38/14 |
| 22-12 | RLDKO 22/12 | 42-18 | RLDKO 42/18 | 20-12 | RSDKO 20/12 | 38-16 | RSDKO 38/16 |
| 22-15 | RLDKO 22/15 | 42-22 | RLDKO 42/22 | 20-14 | RSDKO 20/14 | 38-20 | RSDKO 38/20 |
| 22-18 | RLDKO 22/18 | 42-28 | RLDKO 42/28 | 20-16 | RSDKO 20/16 | 38-25 | RSDKO 38/25 |
| 28-6 | RLDKO 28/ 6 | 42-35 | RLDKO 42/35 | 25-6 | RSDKO 25/ 6 | 38-30 | RSDKO 38/30 |
| 28-8 | RLDKO 28/ 8 | | | 25-8 | RSDKO 25/ 8 | | |



ri.../wd Reducers with soft seal BSPP Male/Female Thread

| BSPP Thread M/F | Part No. | BSPP Thread M/F | Part No. |
|-----------------|-------------------|-------------------|---------------------|
| G 3/8" G 1/8" | ri 3/8/wd - 1/8 | G 1/8" G 1/4" | ri 1/8/wd - 1/4 |
| G 1/2" G 1/4" | ri 1/2/wd - 1/4 | G 1/8" G 3/8" | ri 1/8/wd - 3/8 |
| G 3/4" G 1/4" | ri 3/4/wd - 1/4 | G 1/4" G 1/8" | ri 1/4/wd - 1/8 |
| G 3/4" G 3/8" | ri 3/4/wd - 3/8 | G 1/4" G 3/8" | ri 1/4/wd - 3/8 |
| G 1" G 1/4" | ri 1/wd - 1/4 | G 1/4" G 1/2" | ri 1/4/wd - 1/2 |
| G 1" G 3/8" | ri 1/wd - 3/8 | G 1/4" G 3/4" | ri 1/4/wd - 3/4 |
| G 1" G 1/2" | ri 1/wd - 1/2 | G 3/8" G 1/4" | ri 3/8/wd - 1/4 |
| G 1 1/4" G 1/2" | ri 1 1/4/wd - 1/2 | G 3/8" G 1/2" | ri 3/8/wd - 1/2 |
| G 1 1/4" G 3/4" | ri 1 1/4/wd - 3/4 | G 3/8" G 3/4" | ri 3/8/wd - 3/4 |
| G 1 1/2" G 1/2" | ri 1 1/2/wd - 1/2 | G 1/2" G 3/8" | ri 1/2/wd - 3/8 |
| G 1 1/2" G 3/4" | ri 1 1/2/wd - 3/4 | G 1/2" G 3/4" | ri 1/2/wd - 3/4 |
| G 1 1/2" G 1" | ri 1 1/2/wd - 1 | G 1/2" G 1" | ri 1/2/wd - 1 |
| | | G 1/2" G 1 1/4" | ri 1/2/wd - 1 1/4 |
| | | G 3/4" G 1/2" | ri 3/4/wd - 1/2 |
| | | G 3/4" G 1" | ri 3/4/wd - 1 |
| | | G 3/4" G 1 1/4" | ri 3/4/wd - 1 1/4 |
| | | G 3/4" G 1 1/2" | ri 3/4/wd - 1 1/2 |
| | | G 1" G 3/4" | ri 1/wd - 3/4 |
| | | G 1" G 1 1/4" | ri 1/wd - 1 1/4 |
| | | G 1" G 1 1/2" | ri 1/wd - 1 1/2 |
| | | G 1 1/4" G 1" | ri 1 1/4/wd - 1 |
| | | G 1 1/4" G 1 1/2" | ri 1 1/4/wd - 1 1/2 |
| | | G 1 1/2" G 1 1/4" | ri 1 1/2/wd - 1 1/4 |

Seamless Precision Steel Tubing Material ST37.4

Seamless cold drawn St 37.4 high quality tubing, cleaned, plugged,
normalised, free of scale, phosphated & oiled to Din 2391 Sheet 2 grade C

| Tube O.D. mm | Wall mm | Working pressure Bar Din 2413 | Theoretical Burst Pressure | Weight p/metre Kgs |
|--------------------|------------|-------------------------------------|----------------------------------|--------------------------|
| 6 | 1,0* | 389 | 1680 | 0,123 |
| 8 | 1,0* | 333 | 1190 | 0,222 |
| 8 | 1,5 | 431 | 1860 | 0,240 |
| 10 | 1,0* | 282 | 870 | 0,222 |
| 10 | 1,5* | 373 | 1380 | 0,314 |
| 12 | 1,5* | 353 | 1150 | 0,388 |
| 12 | 2,0* | 409 | 1580 | 0,493 |
| 14 | 2,0* | 403 | 1340 | 0,592 |
| 15 | 1,5* | 282 | 980 | 0,499 |
| 16 | 1,5 | 264 | 820 | 0,536 |
| 16 | 2,0* | 353 | 1170 | 0,691 |
| 18 | 1,5* | 235 | 780 | 0,610 |
| 18 | 2,0* | 303 | 948 | 0,878 |
| 20 | 2,0 | 222 | 920 | 0,888 |
| 20 | 2,5* | 353 | 1220 | 1,079 |
| 22 | 2,0* | 256 | 850 | 0,985 |
| 25 | 2,0 | 226 | 670 | 1,134 |
| 25 | 2,5* | 282 | 920 | 1,387 |
| 25 | 3,0* | 338 | 1050 | 1,628 |
| 28 | 2,0* | 201 | 620 | 1,282 |
| 30 | 3,0 | 284 | 920 | 1,998 |
| 30 | 4,0* | 376 | 1250 | 2,565 |
| 35 | 2,5* | 201 | 620 | 2,004 |
| 38 | 4,0* | 297 | 970 | 3,354 |
| 38 | 5,0 | 371 | 1350 | 4,069 |
| 42 | 3,0* | 201 | 580 | 2,885 |

Sizes marked with an asterisk (*) indicates stock sizes – all other sizes are available against order.

- Seamless tubing is especially suited to cold bending & flaring
- Weldable by all recognised welding methods
- Normalised (NBK)
- Seamless tubing is annealed, phosphated & oiled
- Tubing supplied with plastic plugs in ends
- Available Ex stock for immediate delivery in standard dimensions indicated
- Tube available in 6 metre lengths



flanges australia

Phone: (61)(07) 3279 2627
Fax: (61)(07) 3279 2630
Email: Sales@flanges-au.com

11/45 Jijaws Street
Sumner Park Q 4074

PO Box 525
Sumner Park Q 4074