

Claw Couplings

Standard Version DIN 3489

- Robust couplings of malleable iron, zinc-plated and yellow passivated (free of chrome VI) with safety notches
- 100 %couple test and sight control
- With oil-resistant rubber ring GOER, on request with steam-resistant rubber ring GDOR (up to 200°C) against surcharge
- **Universal coupling, world-wide used system for compressed air in construction and industry**

Materials

- Claw, connector: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N

| Max. Working Pressure | Temperature | Thread | Norm | Claw Distance | Media | |
|-----------------------|---------------|-----------------------------|----------|---------------|----------------|----|
| PN 10 bar | -40°C – +95°C | ISO 228, ANSI/ASME B 1.20.1 | DIN 3489 | 42 mm | Compressed Air | 10 |

Hose Claw Couplings (formerly DIN 3483)



| Hose connection | L | B | L1 | Passage | Weight | Type No. |
|-----------------|----|----|----|---------|--------|----------|
| Hose i.D. 6 | 70 | 63 | 25 | 5 | 157 | SKG 6 |
| Hose i.D. 10 | 76 | 63 | 45 | 7 | 150 | SKG 10 |
| Hose i.D. 13 | 69 | 63 | 45 | 8,5 | 141 | SKG 13 |
| Hose i.D. 15 | 69 | 63 | 45 | 11 | 142 | SKG 15 |
| Hose i.D. 19 | 69 | 63 | 45 | 15 | 155 | SKG 19 |
| Hose i.D. 25 | 70 | 63 | 46 | 19 | 176 | SKG 25 |
| Hose i.D. 32 | 90 | 63 | 64 | 20 | 244 | SKG 32 |

For hose clamps DIN 20039 A type SL (© page 313) or crimping sockets type LPH (©page 318)

Hose Claw Couplings with safety collar



| Hose connection | L | B | L1 | ØCollar | Passage | Weight | Type No. |
|-----------------|------|----|------|---------|---------|--------|------------|
| Hose i.D. 13 | 75 | 63 | 35,5 | 25 | 8,5 | 174 | SKB 13 |
| Hose i.D. 15 | 75 | 63 | 35,5 | 26 | 11 | 175 | SKB 15 |
| Hose i.D. 19 | 75 | 63 | 40,5 | 28,5 | 15 | 182 | SKB 19 |
| Hose i.D. 19 | 73,5 | 63 | 41 | 24 | 15 | 160 | SKB 19 FL* |
| Hose i.D. 25 | 75 | 63 | 40,5 | 40 | 20 | 240 | SKB 25 |
| Hose i.D. 25 | 75 | 63 | 40,5 | 30 | 20 | 190 | SKB 25 FL* |

* at hose version, integrated with hose clamps SK..FL

For hose clamps DIN 20039 B, type SK (© page 313), safe hose assembly

Female Claw Couplings (formerly DIN 3482)



| Thread connection | L | SW | B | L1 | Passage | Weight | Type No. |
|-------------------|----|----|----|------|---------|--------|------------|
| G 1/4 f | 36 | 22 | 63 | 12 | 11 | 138 | KIG 14 |
| G 3/8 f | 36 | 22 | 63 | 12 | 15 | 135 | KIG 38 |
| G 1/2 f | 38 | 27 | 63 | 12 | 19 | 150 | KIG 12 |
| G 1/2 f | 41 | - | 63 | 14,5 | 19 | 180 | KIGO 12** |
| G 3/4 f | 40 | 32 | 63 | 14,5 | 20 | 155 | KIG 34 |
| NPT 3/4 f | 38 | 32 | 63 | 17 | 20 | 160 | KIG 34 NPT |
| G 3/4 f | 41 | - | 63 | 14,5 | 20 | 155 | KIGO 34** |
| G 1 f | 40 | 41 | 63 | 18 | 20 | 184 | KIG 10 |
| NPT 1 f | 40 | 40 | 63 | 18 | 20 | 180 | KIG 10 NPT |
| G 1 1/4 f | 55 | 50 | 63 | 18 | 20 | 297 | KIG 54 |

** without Hexagon

Blank Ends (formerly DIN 3484)



| Version | L | B | | Weight | Type No. |
|--------------------|-----|----|----|--------|----------|
| without chain | 43 | 63 | 10 | 130 | VKO |
| with chain | 43 | 63 | 10 | 140 | VKM |
| chain (spare part) | 200 | 38 | 25 | 7 | VKM-K |

Claw Couplings

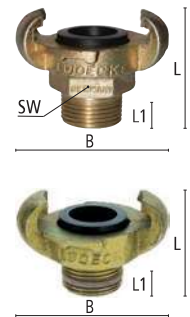
Standard Version DIN 3489

Male Claw Couplings (formerly DIN 3481)

| Thread connection | L | SW | B | L1 | Passage | Weight | Type No. |
|-----------------------|----|----|----|------|---------|--------|------------|
| G 1/4 m | 50 | 22 | 63 | 9 | 6 | 157 | KAG 14 |
| G 3/8 m | 52 | 27 | 63 | 14 | 9 | 170 | KAG 38 |
| G 1/2 m | 47 | 27 | 63 | 14 | 13 | 162 | KAG 12 |
| NEW! NPT 1/2 m | 49 | 27 | 63 | 16 | 13 | 166 | KAG 12 NPT |
| G 3/4 m | 50 | 32 | 63 | 14.5 | 17 | 175 | KAG 34 |
| NEW! NPT 3/4 m | 49 | 32 | 63 | 17 | 18 | 176 | KAG 34 NPT |
| G 3/4 m | 41 | - | 63 | 15 | 17 | 150 | KAGO 34** |
| G 1 m | 47 | 40 | 63 | 15 | 20 | 174 | KAG 10 |
| NEW! NPT 1 m | 48 | 40 | 63 | 15 | 20 | 196 | KAG 10 NPT |
| G 1 m | 41 | - | 63 | 15 | 20 | 165 | KAGO 10** |
| G 1 1/4 m | 52 | 46 | 63 | 18 | 20 | 230 | KAG 54 |

Easy male thread sealing with PVC-Packing rings type HPD (© below)

** without Hexagon, with LÜDSY-sealing ring



| Max. Betriebsdruck | Temperature | Thread | Claw Distance | Media |
|--------------------|---------------|-------------------|---------------|-------|
| PN 10 bar | -40°C – +95°C | ISO 228/ DIN 2999 | 42 mm | Air |

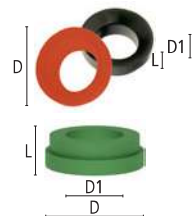
Three-way connections with threaded ends or claw couplings (rubber seal)

| Connection | L | B | Material | Seal | Passage | Weight | Type No. |
|-------------|-----|-----|------------|--------|---------|--------|-------------|
| 3 x R 3/4 f | 68 | 68 | mall. iron | - | 24 | 1 | 255 DWS 34 |
| 3 x KAGO 34 | 120 | 120 | mall. iron | Buna N | 17 | 1 | 708 DWSG 34 |
| 3 x R 1 f | 85 | 85 | mall. iron | - | 30 | 1 | 413 DWS 10 |
| 3 x KAGO 10 | 135 | 130 | mall. iron | Buna N | 21 | 1 | 905 DWSG 10 |



Original Rubber Rings for Standard Claw Couplings DIN 3489

| Resistance | L | D | D1 | Material | Temp°C | Media | Colour | Shore A | Weight | Type No. |
|------------|------|----|----|----------|------------|------------|--------|---------|--------|----------|
| Oil | 11 | 34 | 20 | Buna N | -40 – +95 | compr. air | black | 65° | 100 | 6 GOER |
| Steam | 10 | 33 | 20 | TFEP | -40 – +200 | steam | red | 65° | 10 | 6 GDOR |
| Chemicals | 10.5 | 34 | 20 | FKM | -40 – +200 | chemical | green | 50° | 10 | 9 GVOR |



Hard-PVC-Packing Rings for fast, easy and tight sealing of male threads

| For male thread | L | D | D1 | Weight | Type No. |
|-----------------|-----|------|------|--------|----------|
| G 1/8 m | 1.5 | 10 | 13 | 0.13 | HPD 18 |
| G 1/4 m | 2 | 13.3 | 16.4 | 0.13 | HPD 14 |
| G 3/8 m | 2 | 16.7 | 21.5 | 0.13 | HPD 38 |
| G 1/2 m | 2 | 21.5 | 26 | 0.13 | HPD 12 |
| G 3/4 m | 2 | 26.5 | 31.4 | 0.13 | HPD 34 |
| G 1 m | 2 | 33.5 | 40 | 0.13 | HPD 10 |

