

# Claw Couplings

## Swivelling, DIN 3489

- High quality couplings, head of malleable iron, thread connections and hose stem of turned steel with special profile, zinc-plated and yellow passivated (free of chrome VI) with safety notches
- 360° swivelling, easy turning under pressure, therefore no hose twist
- Sealing through 2 O-rings, swivelling on 2 teflon-discs, safe and protected
- 100 % tight through machined seal holder, standard rubber ring can be used (GOER)
- Full bore for increased flow capacity
- On request with steam resistant rubber ring GDOR against surcharge
- 100 % couple test and sight control
- For flexibility of compressed air lines in construction and industry, if used as thread coupling assembled at the tool up to 10 times higher durability compared to rigid standard couplings! The swivel principle absorbs all vibrations!



### Materials

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

| Max. Working Pressure | Temperature   | Thread  | Norm     | Claw Distance | Media    | 5 |
|-----------------------|---------------|---------|----------|---------------|----------|---|
| PN 16 bar             | -40°C – +95°C | ISO 228 | DIN 3489 | 42 mm         | Air a.o. | 5 |

### Hose Claw Couplings

| Hose connection | L  | B  | L1 | Passage | Weight | Type No.  |
|-----------------|----|----|----|---------|--------|-----------|
| Hose i.D. 13    | 87 | 63 | 41 | 10      | 221    | SKG 13-DR |
| Hose i.D. 19    | 87 | 63 | 41 | 15      | 230    | SKG 19-DR |
| Hose i.D. 25    | 87 | 63 | 41 | 19      | 260    | SKG 25-DR |

For hose clamps DIN 20039 A type SL (© page 413) or crimping sockets type LPH (© page 418)

### Hose Claw Couplings with safety collar

| Hose connection | L  | B  | L1 | Ø Collar | Passage | Weight | Type No.  |
|-----------------|----|----|----|----------|---------|--------|-----------|
| Hose i.D. 13    | 96 | 63 | 41 | 24       | 10      | 236    | SKB 13-DR |
| Hose i.D. 19    | 98 | 63 | 41 | 34       | 15      | 250    | SKB 19-DR |
| Hose i.D. 25    | 98 | 63 | 41 | 39       | 19      | 290    | SKB 25-DR |

For hose clamps DIN 20039 B type SK (© page 413)

### Female Claw Couplings

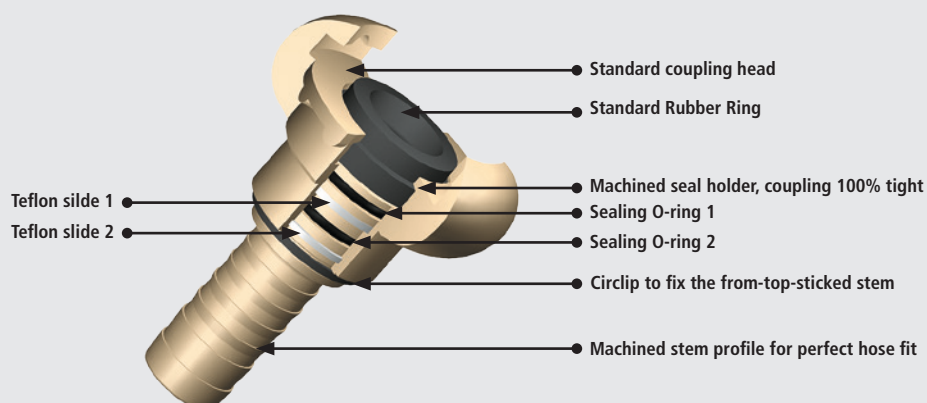
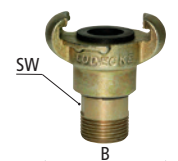
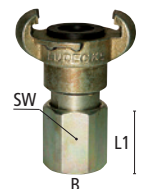
| Thread connection | L  | B  | SW | L1 | Passage | Weight | Type No.  |
|-------------------|----|----|----|----|---------|--------|-----------|
| G 1/2 f           | 61 | 63 | 24 | 15 | 17      | 240    | KIG 12-DR |
| G 3/4 f           | 85 | 63 | 32 | 15 | 17      | 330    | KIG 34-DR |
| G 1 f             | 90 | 63 | 41 | 15 | 17      | 430    | KIG 10-DR |

### Male Claw Couplings

| Thread connection | L  | B  | SW | L1 | Passage | Weight | Type No.  |
|-------------------|----|----|----|----|---------|--------|-----------|
| G 1/2 m           | 67 | 63 | 24 | 14 | 13      | 240    | KAG 12-DR |
| G 3/4 m           | 68 | 63 | 24 | 15 | 17      | 236    | KAG 34-DR |
| G 1 m             | 83 | 63 | 36 | 15 | 19      | 315    | KAG 10-DR |

### Original Rubber Rings

| 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     |



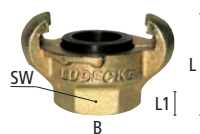
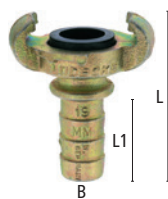
# Claw Couplings

## 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 413) or crimping sockets type LPH (☉page 418)

### 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* |

\* athose version, integrated with hose clamps SK..FL

For hose clamps DIN 20039 B, type SK (☉ page 413), 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

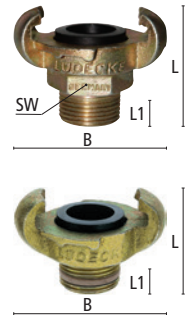
## Standard Version DIN 3489

### 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)

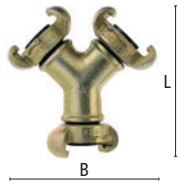
\*\* without Hexagon, with LÜDSY-sealing ring



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

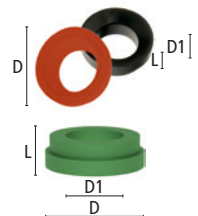
### Three-way connections with threaded ends or claw couplings (rubber seal)

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



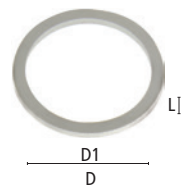
### Original Rubber Rings for Standard Claw Couplings DIN 3489

| 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   |



# Claw Couplings

## MODY-Safety-Screwing Couplings DIN 3238



- Recommended instead of expensive and unhandy hosebreak secure systems (whip-check)
- High quality safety coupling, head of malleable iron with safety notches, hose stem of turned steel with special profile, zinc-plated and yellow passivated (free of chrome VI)
- Stronger thread - protective ring and new rubber ring, on both sides led in seal holder
- With oil resistant rubber ring, on request with steam resistant rubber ring (up to 200°C)
- 100 % tight, reduces expensive air consumption, 100 % couple test and sight control
- Easy to couple, secured against accidental opening: locking nut
- Maximum bore for more flow capacity
- **For absolutely safe air lines in construction and industry**

### Materials

- Claw: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Locking nut, forged clamps: Brass MS 58 plain
- Connector: Steel zinc-plated and yellow passivated (free of Chrom VI)
- O-rings: Buna N

| Max. Working Pressure | Temperature   | Thread  | Norm     | Claw Distance | Media          |   |
|-----------------------|---------------|---------|----------|---------------|----------------|---|
| PN 16 bar             | -40°C – +95°C | ISO 228 | DIN 3238 | 42 mm         | Compressed air | 5 |

### MODY-Safety-Hose Couplings

| Hose connection | L   | B  | L1 | Passage | Weight | Type No. |
|-----------------|-----|----|----|---------|--------|----------|
| Hose i.D. 10    | 100 | 63 | 41 | 6.5     | 309    | SSG 10   |
| Hose i.D. 13    | 100 | 63 | 41 | 10      | 309    | SSG 13   |
| Hose i.D. 15    | 100 | 63 | 41 | 11      | 316    | SSG 15   |
| Hose i.D. 19    | 100 | 63 | 41 | 15      | 319    | SSG 19   |
| Hose i.D. 25    | 100 | 63 | 41 | 18      | 346    | SSG 25   |
| Hose i.D. 32    | 135 | 63 | 48 | 18      | 464    | SSG 32   |

For hose clamps DIN 20039 A type SL (☺ page 413) or crimping sockets type LPH (☺ page 418)

### MODY-Safety-Hose Couplings with safety collar

| Hose connection | L   | B  | L1   | ØCollar | Passage | Weight | Type No. |
|-----------------|-----|----|------|---------|---------|--------|----------|
| Hose i.D. 10    | 103 | 63 | 41   | 21      | 6.5     | 323    | SSG 10 S |
| Hose i.D. 13    | 110 | 63 | 41   | 24      | 10      | 321    | SSG 13 S |
| Hose i.D. 15    | 112 | 63 | 41   | 27      | 11      | 343    | SSG 15 S |
| Hose i.D. 19    | 112 | 63 | 40.5 | 32      | 15      | 350    | SSG 19 S |
| Hose i.D. 25    | 112 | 63 | 40.5 | 39      | 18      | 386    | SSG 25 S |

For hose clamps DIN 20039 B type SK (☺ page 413)

### MODY-Safety-Hose Couplings for crimping sockets (hydraulic crimping)

| Hose connection | L   | B  | L1 | ØCollar | Passage | Weight | Type No.  |
|-----------------|-----|----|----|---------|---------|--------|-----------|
| Hose i.D. 19    | 108 | 63 | 40 | 24      | 15      | 359    | SSG 19 PH |

Crimping with crimping socket PH-19 (☺ page 261)

Other sizes on request

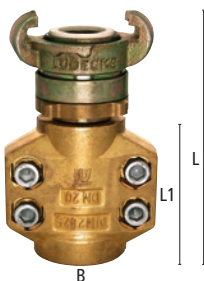
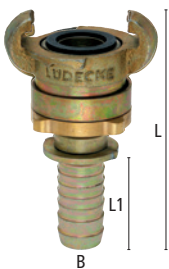
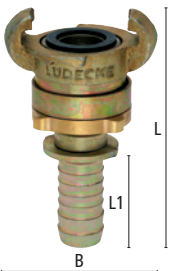
### MODY-Safety-Hose Couplings for Aluminium forged clamps

| Hose connection | L   | B  | L1 | ØCollar | Passage | Weight | Type No.   |
|-----------------|-----|----|----|---------|---------|--------|------------|
| Hose i.D. 19    | 110 | 63 | 35 | 26      | 15      | 340    | SSG 19-KSA |

For aluminium forged clamps VG 85 328 type KSA 30-33 (☺ page 338)

### MODY-Safety-Hose Couplings with brass safety clamp for steam applications

| Hose connection | L   | B  | L1 | Passage | Dichtung      | Weight | Type No.   |
|-----------------|-----|----|----|---------|---------------|--------|------------|
| Hose 19x7       | 113 | 63 | 52 | 15      | TFEP (SDOR-N) | 920    | SSG 19 KSM |
| Hose 25x7.5     | 113 | 63 | 52 | 18      | TFEP (SDOR-N) | 1120   | SSG 25 KSM |

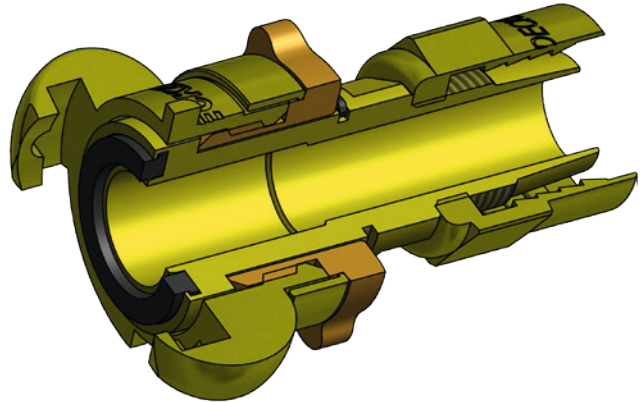


# Claw Couplings

## MODY-Safety-Screwing Couplings DIN 3238

Thread ferrule according to DIN EN 14 424 as the perfect hose connection for optimum security; at any time unlockable and reusable.

Please pay attention to the details for the essential hose wall thickness!



### MODY-Safety-Hose Couplings with thread ferrule (according to DIN EN 14 424)

| Hose connection | L   | SW | B  | SW1 | Passage | Weight | Type No.   |
|-----------------|-----|----|----|-----|---------|--------|------------|
| Hose 13x3       | 92  | 27 | 63 | 24  | 11      | 400    | SSG 133 TQ |
| Hose 13x5       | 92  | 27 | 63 | 24  | 11      | 405    | SSG 135 TQ |
| Hose 15x5       | 95  | 32 | 63 | 24  | 13      | 415    | SSG 155 TQ |
| Hose 19x5       | 95  | 32 | 63 | 24  | 16      | 435    | SSG 195 TQ |
| Hose 19x6       | 95  | 36 | 63 | 24  | 16      | 440    | SSG 196 TQ |
| Hose 25x5       | 105 | 41 | 63 | 24  | 22      | 510    | SSG 255 TQ |
| Hose 25x7       | 105 | 46 | 63 | 24  | 22      | 520    | SSG 257 TQ |

(Size 1" two parts screwed)

Assembly instructions for thread ferrules (© page 433)

### MODY-Safety Female Couplings

| Thread connection | L  | SW | B  | L1   | Passage | Weight | Type No.    |
|-------------------|----|----|----|------|---------|--------|-------------|
| G 3/8 f           | 68 | 24 | 63 | 13   | 13      | 347    | SSGI 38     |
| G 1/2 f           | 70 | 24 | 63 | 15   | 17      | 329    | SSGI 12     |
| G 3/4 f           | 93 | 32 | 63 | 20   | 17      | 419    | SSGI 34     |
| NEW! NPT 3/4 f    | 93 | 32 | 63 | 21.5 | 17      | 388    | SSGI 34 NPT |
| NEW! G 1 f        | 95 | 41 | 63 | 22   | 17      | 516    | SSGI 10     |
| NEW! NPT 1 f      | 97 | 41 | 63 | 22   | 17      | 473    | SSGI 10 NPT |

### MODY-Safety Male Couplings with LÜDSY-sealing system

| Thread connection | L  | SW | B  | L1 | Passage | Weight | Type No.     |
|-------------------|----|----|----|----|---------|--------|--------------|
| G 3/8 m           | 72 | 24 | 63 | 13 | 10      | 260    | SSGA 38      |
| G 1/2 m           | 73 | 24 | 63 | 14 | 13      | 260    | SSGA 12      |
| G 3/4 m           | 73 | 24 | 63 | 15 | 17      | 260    | SSGA 34      |
| NEW! NPT 3/4 m    | 73 | 24 | 63 | 18 | 17      | 280    | SSGA 34 NPT* |
| NEW! R 1 m        | 85 | 36 | 63 | 18 | 17      | 370    | SSGA 10      |
| NEW! NPT 1 m      | 83 | 36 | 63 | 19 | 17      | 365    | SSGA 10 NPT* |

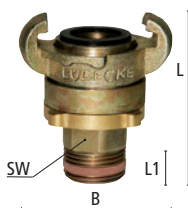
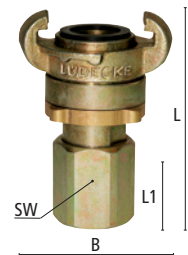
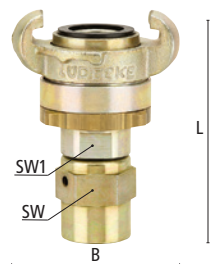
\*without LÜDSY-thread sealing

### Original MODY-Rubber Rings – Standard Version

| Resistance | L | D  | D1 | Material | Temp.°C    | Media     | Colour | Shore A |  | Weight | Type No. |
|------------|---|----|----|----------|------------|-----------|--------|---------|-------------------------------------------------------------------------------------|--------|----------|
| Oil        | 4 | 30 | 21 | Buna N   | -40 – +95  | Compr.air | black  | 75°     | 50                                                                                  | 1.7    | SGOR-N   |
| Steam      | 4 | 30 | 21 | TFEP     | -40 – +200 | Steam     | red    | 65°     | 10                                                                                  | 1.7    | SDOR-N   |

### Original MODY-Rubber Rings – Old Version (Only suitable for MODY-Couplings with old seal holder!)

| Resistance | L | D  | D1 | Material | Temp.°C   | Media      | Colour | Shore A |  | Weight | Type No. |
|------------|---|----|----|----------|-----------|------------|--------|---------|-------------------------------------------------------------------------------------|--------|----------|
| Oil        | 7 | 33 | 21 | Buna N   | -40 – +95 | Compr. air | black  | 60°     | 50                                                                                  | 4      | SGOR     |



All Types also available coloured (powder-coated) against surcharge

RAL 5010
RAL 6029
RAL 1004
RAL 2002

Ⓢ Attention: At least 100 pc/type necessary!



# Claw Couplings

## with Brass Seal

- Robust couplings of malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- 100 % couple test and sight control
- With brass seal, oil-resistant hose ring and zinc-plated screw
- Easy to couple, no independent remove of the seal, prevents sticking of seals when coupled
- Always to be coupled with a standard claw coupling with Buna N seal!
- **Universal couplings for air lines in construction or industry, mainly used directly on compressor or air tool**

### Materials

- Claw, Connector: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Screw: Steel zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Brass

| Max. Working Pressure | Temperature   | Thread  | Claw Distance | Media          |    |
|-----------------------|---------------|---------|---------------|----------------|----|
| PN 10 bar             | -40°C – +95°C | ISO 228 | 42 mm         | Compressed air | 10 |

### Hose Claw Couplings with brass seal

| Hose connection | L  | B  | L1 | Passage | Weight | Type No. |
|-----------------|----|----|----|---------|--------|----------|
| Hose i.D. 13    | 78 | 63 | 39 | 8.5     | 212    | SKM 13*  |
| Hose i.D. 15    | 88 | 63 | 39 | 11      | 226    | SKM 15*  |
| Hose i.D. 19    | 84 | 63 | 46 | 15      | 211    | SKM 19   |
| Hose i.D. 25    | 84 | 63 | -  | 19      | 225    | SKM 25   |

For hose clamps type SL DIN 20039 A (© page 413)

\*two parts with thread stem of steel

### Female Claw Couplings with brass seal

| Thread connection | L  | SW | B  | L1   | Passage | Weight | Type No. |
|-------------------|----|----|----|------|---------|--------|----------|
| G 1/2 f           | 50 | 32 | 63 | 14   | 17      | 220    | KIM 12   |
| G 3/4 f           | 50 | 32 | 63 | 14.5 | 17      | 200    | KIM 34   |
| G 1 f             | 52 | 41 | 63 | 17   | 17      | 260    | KIM 10   |

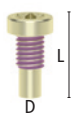
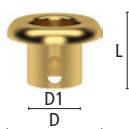
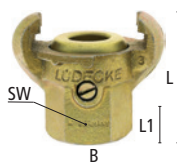
### Male Claw Couplings with brass seal

| Thread connection | L  | SW | B  | L1 | Passage | Weight | Type No. |
|-------------------|----|----|----|----|---------|--------|----------|
| G 1/2 m           | 55 | 27 | 63 | 14 | 11      | 193    | KAM 12   |
| G 3/4 m           | 51 | 32 | 63 | 14 | 17      | 206    | KAM 34   |
| G 1 m             | 48 | 40 | 63 | 15 | 17      | 213    | KAM 10   |

Easy male thread sealing with PVC-Packing rings type HPD (© page 231)

### Original spare parts for claw couplings with brass seal

| Type           | L  | D  | D1 | Material                      |     | Weight | Type No. |
|----------------|----|----|----|-------------------------------|-----|--------|----------|
| Brass sleeve   | 21 | 32 | 17 | Brass                         | 10  | 12.5   | MOOH     |
| Hose ring      | 12 | 28 | 23 | Buna N                        | 100 | 3.2    | SOOR     |
| Steel screw M5 | 14 | 7  | -  | Steel zinc-pl. + yellow pass. | 100 | 2      | HOOS     |





# Claw Couplings

## with Bore for Safety-Clips

- Robust couplings of malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- 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
- To be secured against accidental opening through safety-clips DIN 11024
- **Universal coupling, mainly used worldwide in mining or tunneling**

### Materials

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

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

### Hose Claw Couplings with safety collar

| Hose connection | L  | B  | L1 | Passage | Weight | Type No. |
|-----------------|----|----|----|---------|--------|----------|
| Hose i.D. 13    | 74 | 63 | 40 | 8.5     | 167    | SKSS 13  |
| Hose i.D. 19    | 75 | 63 | 40 | 15      | 196    | SKSS 19  |
| Hose i.D. 25    | 75 | 63 | 40 | 19      | 222    | SKSS 25  |

For hose clamps DIN 20039 B, type SK (☹ page 413), safe hose assembly

### Female Claw Couplings

| Thread connection | L  | SW | B  | L1   | Passage | Weight | Type No.    |
|-------------------|----|----|----|------|---------|--------|-------------|
| G 1/2 f           | 37 | 27 | 63 | 14   | 18.5    | 141    | KISS 12     |
| G 3/4 f           | 39 | 32 | 63 | 14.5 | 20      | 145    | KISS 34     |
| G 1 f             | 41 | 41 | 63 | 18   | 20      | 182    | KISS 10     |
| NPT 1 f           | 41 | 41 | 63 | 18   | 20      | 180    | KISS 10 NPT |

NEW!

### Male Claw Couplings

| Thread connection | L  | SW | B  | L1   | Passage | Weight | Type No. |
|-------------------|----|----|----|------|---------|--------|----------|
| G 1/2 m           | 49 | 27 | 63 | 14   | 13      | 170    | KASS 12  |
| G 3/4 m           | 49 | 32 | 63 | 15   | 17      | 182    | KASS 34  |
| G 1 m             | 53 | 39 | 63 | 15.5 | 20      | 199    | KASS 10  |

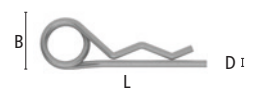
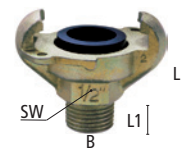
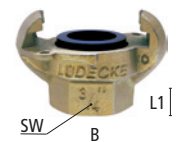
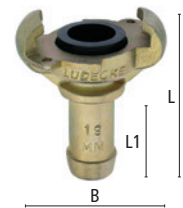
Easy male thread sealing with PVC-Packing rings type HPD (☹ page 231)

### Original Rubber Rings

| 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     |

### Universal Safety-Clips DIN 11024

| L  | B  | D | Material          |    | Weight | Type No. |
|----|----|---|-------------------|----|--------|----------|
| 27 | 63 | 3 | Steel zinc-plated | 50 | 10     | USC-1    |



# Claw Couplings

## Left-Closing and Coloured



- Robust couplings of malleable iron or steel zinc-plated and yellow passivated (free of chrome VI) with safety notches and locking nut on female claw couplings left closing
- 100 % couple-test and sight control
- With oil-resistant rubber ring SGOR-N, on request with steam-resistant rubber ring SDOR-N (up to 200°C) or with brass seal and standard seal
- Through left-closing mechanism the couplings can't be connected with standard claw couplings (right-closing), additional warning through ears at the claws or colour
- **Mainly used in chemical and petrochemical plants to avoid connection of different fluids, f.e compressed air, steam, gas media, nitrogen**

### Materials

- **Claw:** Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- **Connector:** Steel zinc-plated and yellow passivated (free of chrome VI)
- **Locking nut:** Brass MS 58 plain
- **O-rings:** Buna N/ Brass

| Max. Working Pressure | Temperature   | Thread  | Claw Distance | Media   |   |
|-----------------------|---------------|---------|---------------|---------|---|
| PN 16 bar             | -40°C – +95°C | ISO 228 | 42 mm         | various | 1 |

### Hose Claw Couplings left-closing

| Hose connection | L   | B  | L1   | Passage | Typ     | Version           | Seal   | Weight | Type No.  |
|-----------------|-----|----|------|---------|---------|-------------------|--------|--------|-----------|
| Hose i.D. 19    | 100 | 85 | 41   | 16      | MODY    | w safety collar   | Buna N | 340    | SSGL 19   |
| Hose i.D. 19    | 112 | 85 | 40.5 | 16      | MODY    | w safety collar   | Buna N | 367    | SSGL 19 S |
| Hose i.D. 19    | 84  | 85 | 49   | 16      | MS-seal | w/o safety collar | Brass  | 240    | SKML 19   |

Other sizes on request.

For hose clamps DIN 20039 A or B (☺ page 413)

### Female Claw Couplings left-closing

| Thread connection | L  | SW | B  | L1 | Passage | Typ      | Seal   | Weight | Type No. |
|-------------------|----|----|----|----|---------|----------|--------|--------|----------|
| G 3/4 f           | 38 | 40 | 85 | 16 | 20      | Standard | Buna N | 210    | KIGL 34  |
| G 3/4 f           | 93 | 32 | 85 | 20 | 19      | MODY     | Buna N | 434    | SSGL 34  |
| G 1 f             | 39 | 40 | 85 | 18 | 20      | Standard | Buna N | 180    | KIGL 10  |

Other sizes on request.

### Male Claw Couplings left-closing

| Thread connection | L  | SW | B  | L1 | Passage | Typ  | Seal   | Weight | Type No. |
|-------------------|----|----|----|----|---------|------|--------|--------|----------|
| G 3/4 m           | 73 | 24 | 85 | 15 | 19      | MODY | Buna N | 339    | SSGAL 34 |

Other sizes on request.

### Original Standard-Rubber Rings

(☺ page 239)

### Original MODY-Rubber Rings - Standard Version

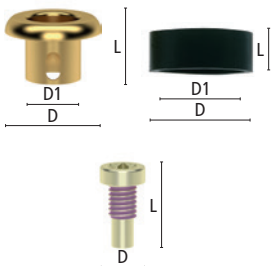
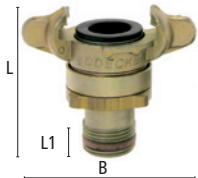
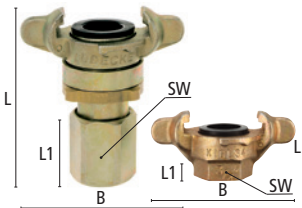
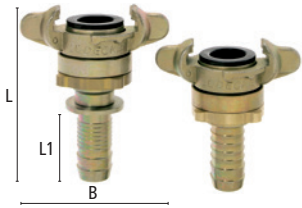
(☺ page 233)

### Original MODY-Rubber Rings - Old Version

(☺ page 233)

### Original Spare Parts for Claw Couplings with Brass Seal

| Type           | L  | D  | D1 | Material                      |     | Weight | Type No. |
|----------------|----|----|----|-------------------------------|-----|--------|----------|
| Brass sleeve   | 21 | 32 | 17 | Brass                         | 10  | 12.5   | MOOH     |
| Hose ring      | 12 | 28 | 23 | Buna N                        | 100 | 3.2    | SOOR     |
| Steel screw M5 | 14 | 7  | -  | Steel zinc-pl. + yellow pass. | 100 | 2      | HOOS     |



All types also available coloured (powder-coated) against surcharge!

RAL 5010
  RAL 6029
  RAL 1004
  RAL 2002
 ...others on request.

® At least 100 pc/type necessary!

C L A W C O U P L I N G S



# Claw Couplings

## of Forged Steel, Hardened. Compatible to Type „Atlas Copco“

- Extremely robust, durable coupling of forged steel, hardened, zinc-plated and yellow passivated (free of chrome VI), equivalent to type Atlas Copco
- With oil-resistant rubber ring GOER, on request with steam-resistant rubber ring GDOR (up to 200°C) against surcharge
- Maximum bore for maximum flow capacity to reach full tool performance
- Turned stem profile for perfect fit of the hose - Turned seal holder, therefore 100 % tight
- **High quality coupling for compressed air in construction and industry**

### Materials

- Claw: Steel hardened, zinc-plated and yellow passivated (free of chrome VI)
- Connector: Steel hardened, zinc-plated and yellow passivated (free of chrome VI)
- Locking nut: Brass MS 58 plain
- O-rings: Buna N

| Max. Working Pressure | Temperature   | Thread                       | Claw Distance | Media          |    |
|-----------------------|---------------|------------------------------|---------------|----------------|----|
| PN 16 bar             | -40°C – +95°C | ISO 228, ANSI/ ASME B 1.20.1 | 42 mm         | Compressed air | 10 |

### Hose Claw Couplings

| Hose connection | L  | B  | L1 | Passage | Weight | Type No. |
|-----------------|----|----|----|---------|--------|----------|
| Hose i.D. 10    | 63 | 62 | 35 | 8       | 141    | ACK 38 T |
| Hose i.D. 12.5  | 63 | 62 | 35 | 10.5    | 136    | ACK 12 T |
| Hose i.D. 20    | 70 | 62 | 45 | 17      | 165    | ACK 34 T |
| Hose i.D. 25    | 73 | 62 | 46 | 20      | 173    | ACK 10 T |

For hose clamps DIN 20039 A, type SL (© page 413)

Swivelling Version (against hose twist) on request.

### Female Claw Couplings

| Thread connection     | L  | B  | L1 | Passage | Weight | Type No.     |
|-----------------------|----|----|----|---------|--------|--------------|
| G 3/8 f               | 40 | 62 | 16 | 15      | 182    | ACK 38 I     |
| G 1/2 f               | 40 | 62 | 16 | 19      | 203    | ACK 12 I     |
| G 3/4 f               | 40 | 62 | 16 | 20      | 176    | ACK 34 I     |
| <b>NEW!</b> NPT 3/4 f | 40 | 62 | 16 | 20      | 176    | ACK 34 I-NPT |
| G 1 f                 | 40 | 62 | 17 | 20      | 160    | ACK 10 I     |
| <b>NEW!</b> NPT 1 f   | 40 | 62 | 17 | 20      | 155    | ACK 10 I-NPT |

### Male Claw Couplings

| Thread connection     | L  | B  | L1 | Passage | Weight | Type No.     |
|-----------------------|----|----|----|---------|--------|--------------|
| G 3/8 m               | 40 | 62 | 14 | 11      | 142    | ACK 38 A     |
| G 1/2 m               | 40 | 62 | 14 | 15      | 152    | ACK 12 A     |
| G 3/4 m               | 40 | 62 | 15 | 19      | 148    | ACK 34 A     |
| <b>NEW!</b> NPT 3/4 m | 41 | 62 | 16 | 19      | 150    | ACK 34 A-NPT |
| G 1 m                 | 40 | 62 | 15 | 20      | 152    | ACK 10 A     |

Easy male thread sealing with PVC-Packing rings type HPD (© page 231)

### Plain Ends

| Version             | L  | B  | Weight | Type No. |
|---------------------|----|----|--------|----------|
| without chain       | 40 | 62 | 140    | ACKO     |
| with chain          | 40 | 62 | 150    | ACKM     |
| chain (spare part)* |    |    | 7      | VKM-K*   |

\*made of steel (zinc-plated)

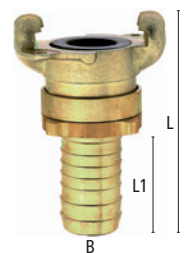
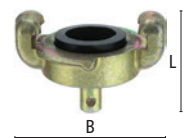
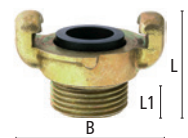
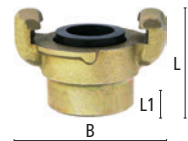
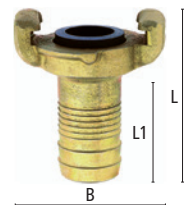
### MODY-Safety-Hose Couplings with thread-protective ring and new sealing-ring, on both sides led in seal holder

| Hose connection | L  | B  | L1 | Passage |   | Weight | Type No. |
|-----------------|----|----|----|---------|---|--------|----------|
| Hose i.D. 12.5  | 92 | 62 | 41 | 10      | 5 | 321    | ACS 13   |
| Hose i.D. 20    | 92 | 62 | 41 | 17      | 5 | 331    | ACS 19   |
| Hose i.D. 25    | 92 | 62 | 41 | 19      | 5 | 356    | ACS 25   |

For hose clamps DIN 20039 A, type SL (© page 413)

### Original MODY-Rubber Rings – Standard and Old Version

(© page 233)



# Claw Couplings

## of Forged Brass MS 58

- "French System", interchangeable with all claw distance 42 mm types
- Universal couplings of forged brass MS 58
- With oil-resistant rubber ring MK 42 ER
- Turned seal holder, therefore 100 % tight
- According to NF E 29-573
- For compressed air and water in construction, agriculture and industry

### Materials

- Claw, connector: Brass MS 58 plain
- O-rings: Buna N

| Max. Working Pressure | Temperature   | Thread  | Claw Distance | Media            |    |
|-----------------------|---------------|---------|---------------|------------------|----|
| PN 10 bar             | -40°C – +95°C | ISO 228 | 42 mm         | Compr.air, water | 10 |

### Hose Claw Couplings

| Hose connection | L  | B  | L1   | Passage | Weight | Type No.  |
|-----------------|----|----|------|---------|--------|-----------|
| Hose i.D. 6     | 76 | 57 | 39.5 | 6       | 115    | MKS 42-6  |
| Hose i.D. 10    | 69 | 57 | 36.5 | 8       | 120    | MKS 42-10 |
| Hose i.D. 13    | 69 | 57 | 36.5 | 10      | 130    | MKS 42-13 |
| Hose i.D. 16    | 69 | 57 | 36.5 | 12      | 131    | MKS 42-15 |
| Hose i.D. 19    | 69 | 57 | 36.5 | 15      | 155    | MKS 42-19 |
| Hose i.D. 25    | 69 | 57 | 40   | 21      | 180    | MKS 42-25 |

For hose clamps/clips type SL, type HS, ZOS, LPH(© page 413 - 415, 418)

### Female Claw Couplings

| Thread connection | L  | SW | B  | L1   | Passage | Weight | Type No.  |
|-------------------|----|----|----|------|---------|--------|-----------|
| G 1/4 f           | 38 | 17 | 57 | 13.5 | 8       | 93     | MKI 42-14 |
| G 3/8 f           | 33 | 21 | 57 | 10.5 | 12      | 97     | MKI 42-38 |
| G 1/2 f           | 33 | 26 | 57 | 11.5 | 15      | 101    | MKI 42-12 |
| G 3/4 f           | 36 | 32 | 57 | 14   | 21      | 119    | MKI 42-34 |
| G 1 f             | 38 | 39 | 57 | 15   | 21      | 124    | MKI 42-10 |
| G 1 1/4 f         | 43 | 47 | 57 | 15   | 21      | 166    | MKI 42-54 |

### Male Claw Couplings

| Thread connection | L  | SW | B  | L1   | Passage | Weight | Type No.  |
|-------------------|----|----|----|------|---------|--------|-----------|
| G 1/4 m           | 43 | 17 | 57 | 10.5 | 7       | 104    | MKA 42-14 |
| G 3/8 m           | 45 | 21 | 57 | 11   | 10      | 102    | MKA 42-38 |
| G 1/2 m           | 42 | 24 | 57 | 10   | 14      | 112    | MKA 42-12 |
| G 3/4 m           | 43 | 30 | 57 | 11   | 19      | 135    | MKA 42-34 |
| G 1 m             | 43 | 34 | 57 | 11   | 21      | 140    | MKA 42-10 |
| G 1 1/4 m         | 46 | 44 | 57 | 13   | 21      | 193    | MKA 42-54 |

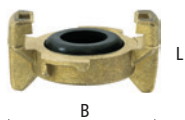
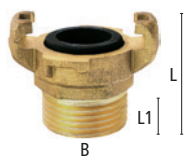
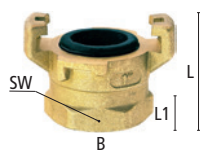
Easy male thread sealing with PVC-Packing rings type HPD (© page 231)

### Plain Ends

| Version       | L  | B  | Weight | Type No. |
|---------------|----|----|--------|----------|
| without chain | 29 | 57 | 93     | MKO 42   |

### Original Rubber Ring

| Resistance | L  | D    | D1 | Material | Temp.°C   | Media     | Colour | Shore A |  | Weight | Type No. |
|------------|----|------|----|----------|-----------|-----------|--------|---------|---------------------------------------------------------------------------------------|--------|----------|
| Oil        | 10 | 34.5 | 21 | Buna N   | -40 – +95 | Air/Water | black  | 55°     | 10                                                                                    | 5      | MK 42 ER |



# Claw Couplings

## US-Version with Bore for Safety-Clips

- Robust standard couplings and Mody-Safety-Couplings of malleable iron, US-Version, zinc-plated and yellow passivated (free of chrome VI)
- 100 % couple test and sight control
- With oil-resistant rubber ring GOOR
- To be secured against accidental opening through safety-clips DIN 11024
- **US-universal coupling, widely spread 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

No coupling  
with  
claw distance  
of 42 mm

| Max. Working Pressure | Temperature   | Thread       | Claw Distance | Media    |    |
|-----------------------|---------------|--------------|---------------|----------|----|
| PN 10 bar             | -40°C – +95°C | NPT/ ISO 228 | 41 mm         | Air a.o. | 10 |

### US-Hose Claw Couplings with safety collar

| Hose connection | L   | B  | L1 | Passage | Weight | Type No. |
|-----------------|-----|----|----|---------|--------|----------|
| Hose i.D. 10    | 75  | 62 | 32 | 6       | 162    | SKA 11*  |
| Hose i.D. 13    | 88  | 62 | 42 | 9       | 182    | SKA 13   |
| Hose i.D. 19    | 105 | 62 | 56 | 14      | 244    | SKA 19   |
| Hose i.D. 25    | 107 | 62 | 59 | 20      | 286    | SKA 25   |

For US-hose clamps (☉ page 414)

\* SKA 11 two parts with thread stem of steel

### US-Female Claw Couplings

| Thread connection     | L  | SW | B  | L1   | Passage | Weight | Type No.   |
|-----------------------|----|----|----|------|---------|--------|------------|
| <b>NEW!</b> G 3/8 f   | 57 | 27 | 62 | 13.5 | 15      | 180    | KIA 38 BSP |
| <b>NEW!</b> NPT 3/8 f | 57 | 27 | 62 | 13.5 | 15      | 187    | KIA 38     |
| <b>NEW!</b> G 1/2 f   | 57 | 27 | 62 | 13.5 | 18      | 173    | KIA 12 BSP |
| <b>NEW!</b> NPT 1/2 f | 57 | 27 | 62 | 13.5 | 18      | 181    | KIA 12     |
| <b>NEW!</b> G 3/4 f   | 57 | 36 | 62 | 15   | 20      | 195    | KIA 34 BSP |
| <b>NEW!</b> NPT 3/4 f | 57 | 36 | 62 | 15   | 20      | 201    | KIA 34     |
| <b>NEW!</b> G 1 f     | 57 | 42 | 62 | 15   | 20      | 208    | KIA 10 BSP |
| <b>NEW!</b> NPT 1 f   | 57 | 42 | 62 | 15   | 20      | 218    | KIA 10     |

### US-Male Claw Couplings

| Thread connection     | L  | SW | B  | L1 | Passage | Weight | Type No.   |
|-----------------------|----|----|----|----|---------|--------|------------|
| <b>NEW!</b> G 3/8 m   | 56 | 29 | 62 | 14 | 9       | 200    | KAA 38 BSP |
| <b>NEW!</b> NPT 3/8 m | 64 | 29 | 62 | 15 | 9       | 180    | KAA 38     |
| <b>NEW!</b> G 1/2 m   | 56 | 29 | 62 | 14 | 12      | 210    | KAA 12 BSP |
| <b>NEW!</b> NPT 1/2 m | 64 | 29 | 62 | 20 | 12      | 190    | KAA 12     |
| <b>NEW!</b> G 3/4 m   | 64 | 34 | 62 | 16 | 17      | 225    | KAA 34 BSP |
| <b>NEW!</b> NPT 3/4 m | 70 | 34 | 62 | 20 | 17      | 224    | KAA 34     |
| <b>NEW!</b> G 1 m     | 68 | 38 | 62 | 18 | 20      | 250    | KAA 10 BSP |
| <b>NEW!</b> NPT 1 m   | 72 | 38 | 62 | 23 | 20      | 260    | KAA 10     |

### US-Plain End

| Version       | L  | B  | Weight | Type No. |
|---------------|----|----|--------|----------|
| without chain | 55 | 62 | 215    | UDM      |

### Original Rubber Ring

| Resistance | L    | D  | D1 | Material | Temp.°C   | Media     | Colour | Shore A |     | Weight | Type No. |
|------------|------|----|----|----------|-----------|-----------|--------|---------|-----|--------|----------|
| Oil        | 10.5 | 34 | 20 | Buna N   | -40 / +95 | Compr.Air | black  | 50 °    | 100 | 6      | GOOR     |

### Universal Safety Clips DIN 11024

| L  | B  | D | Material          |    | Weight | Type No. |
|----|----|---|-------------------|----|--------|----------|
| 27 | 63 | 3 | Steel zinc-plated | 50 | 10     | USC-1    |

