

# 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 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	Claw
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 313), 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

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## 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 167)



## 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	10	USC-1

