

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

Max. Working Pressure	Temperature	Thread	Norm	Claw Distance	Media	3
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 313) or crimping sockets type LPH (© page 318)



### Hose Claw Couplings with safety collar

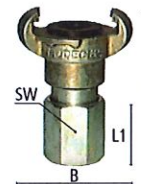
Hose connection	L	B	L1	ØCollar	Passage	Weight	Type No.
Hose i.D. 13	96	63	41	24	10	236	SKB 13-DR
Hose i.D. 19	98	63	41	34	15	250	SKB 19-DR
Hose i.D. 25	98	63	41	39	19	290	SKB 25-DR

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



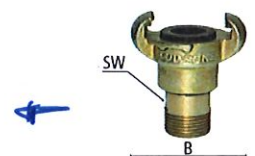
### Female Claw Couplings

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

