

# Claw Couplings

## Standard Version DIN 3489 made of Stainless Steel 1.4401

- High quality couplings of corrosion and acid-resistant steel 1.4401 with safety notches
- With acid-resistant rubber ring of FKM, other materials (☉ below)
- Couplings investment casted (low wax casting), perfect surface finish
- Maximum bore for maximum flow capacity
- Turned gasket seat, therefore 100 % tight
- Turned stem profile for perfect fit of the hose, 100 % couple-test and sight control
- For aggressive fluids (depending on mixture concentration) in chemical or petrochemical industry, in tank or container-construction, etc.
- For food or drinking water applications use rubber ring type GPOR (with approval for the food processing sector)

### Materials:

- Claw, connector: Stainless steel 1.4401
- Thread ferrule: Brass MS 58 chromed
- Chain: Stainless steel 1.4301
- Seal: FKM

Max. Working Pressure	Temperature	Thread	Norm	Claw distance	Media	☉
PN 16 bar	-30°C – +200°C	ISO 228	DIN 3489	42 mm	Chemical media	1

### Hose Claw Couplings (DIN 3489)

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 10	65	63	40	6,5	125	EKT 10 V
Hose i.D. 13	65	63	40	9	129	EKT 13 V
Hose i.D. 19	65	63	40	15	142	EKT 19 V
Hose i.D. 25	65	63	40	20	165	EKT 25 V

Swivelling execution on request.

### Female Claw Couplings (DIN 3489)\*

Thread connection	L	B	L1	Passage	Weight	Type No.
G 3/8 f	41,5	63	14	15	173	EKI 38 V
G 1/2 f	41,5	63	15	15	163	EKI 12 V
G 3/4 f	41,5	63	16	20	158	EKI 34 V
G 1 f	41,5	63	18	20	160	EKI 10 V

\*On request also available with NPT thread against extra charge!

### Male Claw Couplings (DIN 3489) with thread protective cap\*

Thread connection	L	B	L1	Passage	Weight	Type No.
G 3/8 m	39	63	12	10	148	EKA 38 V
G 1/2 m	39	63	14	14	151	EKA 12 V
G 3/4 m	41,5	63	15	19	155	EKA 34 V
G 1 m	41,5	63	15	20	180	EKA 10 V

\*On request also available with NPT thread against extra charge!

### Hose Claw Coupling with Thread Ferrule (according to DIN EN 14 424)

Hose connection	L	SW	B	Passage	Weight	Type No.
Hose 13x3	57	24	63	11	170	EKTQ 133 V
Hose 13x5	57	27	63	11	175	EKTQ 135 V
Hose 15x5	57	32	63	13	190	EKTQ 155 V
Hose 19x5	57	32	63	16	195	EKTQ 195 V
Hose 19x6	57	36	63	16	200	EKTQ 196 V
Hose 25x5	62	41	63	22	250	EKTQ 255 V
Hose 25x7	62	46	63	22	260	EKTQ 257 V

Assembly instructions for thread ferrules (☉ catalogue page 433)

### Blank Ends (DIN 3489)

Version	L	B	☉	Weight	Type No.
without chain	42	63		144	EKO V
with chain	42	63		136	EKM V
chain (spare part)	200		10	7	EKMV-K

### Original Rubber Ring

Resistance	L	D	D1	Material	Temp.°C	Colour	Shore A	☉	Weight	Type No.
Chem. media	10,5	34	20	FKM	-30 /+200	green	50°	10	9	GVOR
Steam	10	33	20	TFEP	-40 /+200	red	65°	10	6	GDOR
Foods	10,5	34	20	EPDM	-40 /+130	nature	70°	10	9	GPOR

