

# Claw Couplings



The WaterProfi by **LUDECKE**<sup>®</sup> claw couplings are entirely made of brass making them very durable and wear-resistant.

Additionally, the couplings are extremely weather and temperature resistant and guarantee a particularly secure grip. WaterProfi claw couplings are compatible with all common water claw couplings with a claw distance of 40 mm.

The couplings can be easily combined with the matching classic WaterProfi spray nozzle and the wand nozzle.

#### Advantages:

- Robust, safe and reliable
- Easy to couple
- High pressure and vacuum range, reduced tilting moment
- Maximum passage through perfect wall thickness
- Ergonomically formed claws, safety notches against accidental loosening
- Extra protection due to MODY-safety-screwing-claw coupling
- Compatible with standard coupling systems
- Different sizes and connection types

**Water<sup>®</sup>  
Profi**  
by **LUDECKE**

## Top Quality for Trouble-Free Working

The WaterProfi by **LUDECKE**<sup>®</sup> Claw Couplings are especially suitable for applications with high water pressure or for rough working conditions. To ensure a perfect grip, we recommend using the MODY-safety-screwing-claw coupling. It has a locking nut which can be manually tightened and prevents the coupling halves from loosening.



# Connected in Seconds

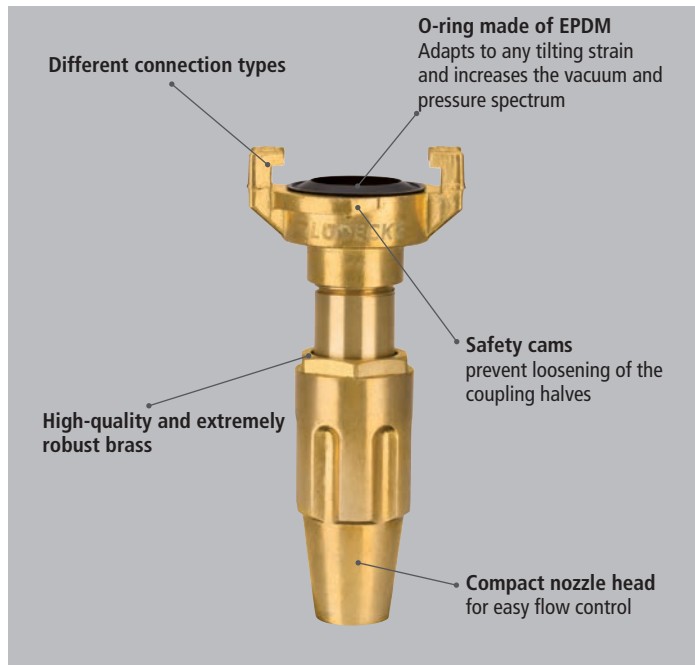
Push the two couplings together at 180° degrees opposite to each other until the seal faces touch. Afterwards, rotate one coupling half as far as it will go into the opposite direction of the other - the couplings lock into place.



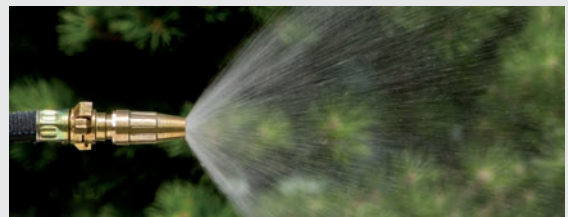
To disconnect, push the coupling and the counterpart together in axial direction. Afterwards, turn one coupling half as far as possible in the opposite direction as you would do when connecting and remove it from the counterpart.

## The Classic WaterProfi Spray Nozzle

The WaterProfi series offers further premium spray nozzles. They are conically metal sealed and – depending on the application and requirements – available with hose connection or claw coupling.



### Easy Flow Control - from Mist to Full Water Jet



By twisting the nozzle head, the spray nozzle allows for perfect flow control with smooth transition from mist to full water jet.





# Claw Couplings

made of Brass for Water

- Claw Couplings made of forged brass CW617N
- Easy to couple, high pressure and vacuum range, reduced tilting moment
- Maximum passage through perfect wall thickness as well as safe and hose-friendly hose barbs
- Ergonomically formed claws, safety notches against accidental loosening
- High-performance O-ring made of EPDM with perfect elasticity and resistance
- Compatible with all common water claw couplings with a claw distance of 40 mm
- O-ring compatible with most common sealing rings
- Spray Nozzle: can be turned off, flow control from mist to full water jet
- [Universal coupling for water pipes in industrial applications, construction, trades, agriculture or private household](#)

## Materials:

- Claw, connector: Brass CW617N
- Seals: EPDM

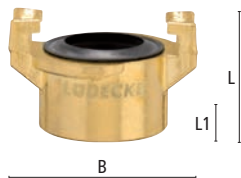
Max. Working Pressure	Temperature	Thread	Claw Distance	Media	⊗
PN 25 bar	up to +95°C	ISO 228	40 mm	Water	10



## Claw Couplings with hose barb

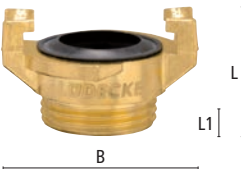
Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 10	50	53.5	28	7.5	93	GSK 10
Hose i.D. 13	50	53.5	28	10.5	94	GSK 13
Hose i.D. 16	54	53.5	32	13.5	102	GSK 16
Hose i.D. 19	54	53.5	32	16.5	102	GSK 19
Hose i.D. 25	58	53.5	36	21.5	125	GSK 25
Hose i.D. 32	70	53.5	49	23	176	GSK 32
Hose i.D. 38	73	53.5	49	23	209	GSK 38

For hose clips type HS (© page 387), type ZOS (© page 386), or crimping ferrules type LPH (© page 389)



## Claw Couplings with female thread and thread sealing ring

Thread connection	L	B	L1	Passage	Weight	Type No.
G 1/4 f	31.5	53.5	7.5	8	96	GKI 14
G 3/8 f	31.5	53.5	7.5	11	95	GKI 38
G 1/2 f	31.5	53.5	7.5	14	97	GKI 12
G 3/4 f	32.5	53.5	8	19	102	GKI 34
G 1 f	33	53.5	9	23	115	GKI 10
G 1 1/4 f	37	53.5	11	23	143	GKI 54
G 1 1/2 f	38	53.5	11.5	23	177	GKI 15



## Claw Couplings with male thread

Thread connection	L	B	L1	Passage	Weight	Type No.
G 1/4 m	32	53.5	10	8	89	GKA 14
G 3/8 m	32	53.5	9.5	11.5	97	GKA 38
G 1/2 m	32	53.5	10	15	96	GKA 12
G 3/4 m	32	53.5	10.5	20	100	GKA 34
G 1 m	32	53.5	10	23	104	GKA 10
G 1 1/4 m	36	53.5	15	23	132	GKA 54
G 1 1/2 m	36	53.5	15	23	163	GKA 15

Male thread sealing with PVC washer type HPD (© page 212)



## Claw Coupling with plain end

Version	L	B	Weight	Type No.
without chain	37	53.5	103	GKO



## Original Rubber Ring for Water Claw Couplings, LÜDECKE WaterProfi and all Standard Water Claw Couplings


(not for GEKA plus)

Resistance	L	D	D1	Material	Temp. °C	Media	Colour	Shore A	⊗	Weight	Type No.
Water	12	35	23.5	EPDM	up to +95	Water	black	70°	100	6	GKOR

# Claw Couplings and Spray Nozzles

made of Brass for Water

## MODY-Safety-Screwing-Claw Couplings with hose barb

Hose connection	L	B	L1	Passage		Weight	Type No.
Hose i.D. 13	77	53.5	42	10	5	190	GSSG 13
Hose i.D. 19	82	53.5	42	16.5	5	215	GSSG 19
Hose i.D. 25	86	53.5	42	20	5	270	GSSG 25

For hose clips type HS (☺ page 387), type ZOS (☺ page 386), or crimping ferrules type LPH (☺ page 389)  
Thread types on request (GSSGA 34 in stock)



## Original Rubber Ring with support ring for MODY-Safety-Screwing-Claw Couplings made of brass

Resistance	L	D	D1	Material	Temp.°C	Media	Colour	Shore A	Weight	Type No.
Water	7	33.5	21.5	NBR/ Brass	up to +95	Water	black	65°	6	GSGOR-Set



## Classic WaterProfi Spray Nozzles made of brass – conical sealing brass to brass (PN 10 bar)

Hose connection	L	Ø Nozzle bore	Weight	Type No.
Hose i.D. 13	100	5	115	SDT 13
Hose i.D. 19	112	6.5	245	SDT 19
Hose i.D. 25	125	7	370	SDT 25



Connection	L	Ø Nozzle bore	Weight	Type No.
Claw Coupling	98	5	220	SDK 12
Claw Coupling	113	6.5	310	SDK 34
Claw Coupling	121	7	410	SDK 10



## System-Adapter Claw Coupling - Quick Connect Coupling

Connection	L	B	Weight	Type No.
WaterProfi Claw Coupling - Coupling WPN DN 9	73	54.2	254	WPNK-WPA
WaterProfi Claw Coupling - Plug WPN DN 9	59.5	54.2	160	WPNS-WPA

