

Pneumatic Claw couplings Lüdecke

Lüdecke heavy duty claw couplings

For shipbuilding, mining, tunneling, petrochemical and many other heavy industrial applications. Malleable cast iron with required elasticity for thin walled parts due to its heat treatment, according to DIN 3489 and DIN 3238. Very robust and durable, simple and fast handling, identical coupling head meaning connection versions and sealing systems can be connected with each other. Increased safety with MODY-Safety-Screwing-Couplings and claw couplings with safety collar. For compressed air maximum 10 bar. With Buna seal temperature resistant -40°C to +95°C.



Article No.	Description	LUG in mm	Hose size mm	Hose Size inch
431000	Claw coupling Hose end	42	6	1/4"
431001	Claw coupling Hose end	42	8	5/16"
431002	Claw coupling Hose end	42	10	3/8"
431003	Claw coupling Hose end	42	13	1/2"

Article No.	Description	LUG in mm	Hose size mm	Hose Size inch
431004	Claw coupling Hose end	42	15	5/8"
431005	Claw coupling Hose end	42	19	3/4"
431006	Claw coupling Hose end	42	25	1"
431007	Claw coupling Hose end	42	32	1.1/4"



Article No.	Description Female thread G" BSP	LUG in mm	Thread size inch
431008	Claw coupling fem. thread	42	1/4"
431009	Claw coupling fem. thread	42	3/8"
431010	Claw coupling fem. thread	42	1/2"

Article No.	Description Female thread G" BSP	LUG in mm	Hose size mm
431011	Claw coupling fem. thread	42	3/4"
431012	Claw coupling fem. thread	42	1"
431014	Claw coupling fem. thread	42	1.1/4"



Article No.	Description Male thread G" BSP	LUG in mm	Thread size inch
431015	Claw coupling male thread	42	1/4"
431016	Claw coupling male thread	42	3/8"
431017	Claw coupling male thread	42	1/2"

Article No.	Description Male thread G" BSP	LUG in mm	Thread size inch
431018	Claw coupling male thread	42	3/4"
431019	Claw coupling male thread	42	1"
431020	Claw coupling male thread	42	1.1/4"



Article No.	Description	LUG in mm	Size
431026	Claw coupling end cap	42	All

Article No.	Description	LUG in mm	Size
431025	Claw coupling BUNA ring	42	All



Lüdecke MODY-Safety Couplings

DIN 3238 Claw Cast Iron, zinc plated + yellow passivated, connector steel, zinc plated + yellow passivated. Maximum pressure 16 bar. With Buna seal temperature resistant -40°C to +95°C.

Safety locking nut prevent coupling halves from loosening. Easy connect and 100% leakage-proof.

Article No.	Description	LUG in mm	Hose size mm	Hose Size inch
431002MD	MODY coupling Hose end	42	10	3/8"
431003MD	MODY coupling Hose end	42	13	1/2"
431004MD	MODY coupling Hose end	42	15	5/8"

Article No.	Description	LUG in mm	Hose size mm	Hose Size inch
431005MD	MODY coupling Hose end	42	19	3/4"
431006MD	MODY coupling Hose end	42	25	1"
431007MD	MODY coupling Hose end	42	32	1.1/4"



Lüdecke MODY-Safety Couplings with safety collar

DIN 3238 Claw Cast Iron, zinc plated + yellow passivated, connector steel, zinc plated + yellow passivated. Maximum pressure 16 bar. With Buna seal temperature resistant -40°C to +95°C. The collar protects the end of the hose against damage. Safety locking nut prevent coupling halves from loosening. Easy connect and 100% leakage-proof.

Article No.	Description	LUG in mm	Hose size mm	Hose Size inch
431002MR	MODY coupling Hose end	42	10	3/8"
431003MR	MODY coupling Hose end	42	13	1/2"
431004MR	MODY coupling Hose end	42	15	5/8"

Article No.	Description	LUG in mm	Hose size mm	Hose Size inch
431005MR	MODY coupling Hose end	42	19	3/4"
431006MR	MODY coupling Hose end	42	25	1"



Article No.	Description Female thread G" BSP	LUG in mm	Thread size inch
431009MD	MODY coupling fem. thread	42	3/8"
431010MD	MODY coupling fem. thread	42	1/2"
431011MD	MODY coupling fem. thread	42	3/4"
431012MD	MODY coupling fem. thread	42	1"

Article No.	Description Male thread G" BSP	LUG in mm	Thread size inch
431016MD	MODY coupling male thread	42	3/8"
431017MD	MODY coupling male thread	42	1/2"
431018MD	MODY coupling male thread	42	3/4"
431019MD	MODY coupling male thread	42	1"



Pneumatic Claw couplings Lüdecke

Lüdecke Safety Couplings

By using a safety clip DIN 11024 this coupling is secured and prevent coupling halves from loosening.

Safety clip must be ordered separate!

Claw Cast Iron, zinc plated + yellow passivated, connector steel, zinc plated + yellow passivated.

Maximum pressure 10 bar.

With Buna seal temperature resistant -40°C to +95°C.



Article No.	Description Safety Type	LUG in mm	Hose size mm	Hose Size inch
431003S	Claw coupling Hose end	42	13	1/2"
431005S	Claw coupling Hose end	42	19	3/4"
431006S	Claw coupling Hose end	42	25	1"

Article No.	Description Female thread G" BSP Safety Type	LUG in mm	Thread size inch
431010S	Claw coupling fem. thread	42	1/2"
431011S	Claw coupling fem. thread	42	3/4"
431012S	Claw coupling fem. thread	42	1"

Article No.	Description Male thread G" BSP Safety Type	LUG in mm	Thread size inch
431017S	Claw coupling male thread	42	1/2"
431018S	Claw coupling male thread	42	3/4"
431019S	Claw coupling male thread	42	1"



Article No.	Description	LUG in mm
431048	Safety Clip DIN 11024	42



Lüdecke Safety Clamps with claws for claw couplings with hose end and safety collar DIN 3489

The clamps are for extra secure the hose to the coupling and prevent damage at the hose end.

Article No.	Description DIN 20039 B To use with claw coupling	Hose mm	Hose Inch	Article No.	Description DIN 20039 B To use with claw coupling	Hose mm	Hose Inch
431040	Safety clamp 22-29 mm	13	1/2"	431044	Safety clamp 45-53 mm	35	1.3/8"
431041	Safety clamp 28-32 mm	19	3/4"	431045	Safety clamp 55-60 mm	42	1.5/8"
431042	Safety clamp 35-42 mm	25	1"	431046	Safety clamp 60-73 mm	50	2"
431043	Safety clamp 42-45 mm	28	1.7/64"	431047	Safety clamp 86-102 mm	75	3"



Lüdecke Throttle Valves

Extremely robust and reliable heavy duty air valves. Absolutely leak proof. A cone shaped throttle will be pressed against the body under pressure. In this way, the valve seals without any seal wear (almost no dead space in the passageway). When turning off, pressure is reduced by ventilating the output side. This allows for safe disconnection. Claw Cast Iron, zinc plated + yellow passivated, connector steel, zinc plated + yellow passivated.

Maximum pressure 10 bar. With NBR/Brass seal temperature resistant -15°C to +80°C.

Article No.	Description Female thread G" BSP inlet Male thread G" BSP outlet	Inlet Inch	Outlet inch	Type
431030	Throttle valve without couplers and NBR seal	1/2"	3/4"	EH12
431031	Throttle valve without couplers and NBR seal	3/4"	3/4"	EH34
431032	Throttle valve without couplers and NBR seal	1"	3/4"	EH10



Article No.	Description Female thread G" BSP inlet Claw coupler outlet	Inlet Inch	Outlet lug in mm	Type
431033	Throttle valve with claw coupler outlet NBR seal	1/2"	42	EHG12
431034	Throttle valve with claw coupler outlet NBR seal	3/4"	42	EHG34
431035	Throttle valve with claw coupler outlet NBR seal	1"	42	EHG10



Article No.	Description Female thread G" BSP inlet 2x Male thread G" BSP outlet	Inlet Inch	Outlet inch	Type
431036	Double Throttle valve without couplers and NBR seal	3/4"	2x3/4"	DH34
431037	Double Throttle valve without couplers and NBR seal	1"	2x3/4"	DH10



Article No.	Description Female thread G" BSP inlet 2xClaw Coupler	Inlet Inch	Outlet lug in mm	Type
431038	Double Throttle valve with couplers and NBR seal	3/4"	2x42	DHG34
431039	Double Throttle valve with couplers and NBR seal	1"	2x42	DHG10

