



# Complete Screwing Sets, FlatLock Flat Hose Screwings, Connecting Nipples, Hose Connections



For media supply (especially for compressed air and water) in construction as well as in mining and tunnelling, the **LUDECKE** product portfolio comprises a broad range of different screwings, assembly types and matching accessories.

The screwings and fittings are extremely robust and resistant to dirt or damages. They also offer highest safety and optimum ease of use when assembling various hoses.

The appropriate version is always adjusted to the specific hose and customised.

#### Advantages:

- High-quality materials
- Robust, reliable, absolutely leakage-proof and durable
- Quick and easy handling
- Different sizes, versions and connection types
- Individual adjustment of the respective execution

## Multifunctional Use

The different versions of this product range can be utilized in various areas and are a tidy alternative to conventional classic fittings and assembly methods.



Note: In general, the distributor of a hose line can be held liable for possible recourse claims due to personal injury and/or damage to property as well as production downtime! For this reason, we are happy to help you select the right solution for your application. Various product and safety data sheets are always available free of charge on the **LUDECKE** homepage (→ [www.ludecke.com/support](http://www.ludecke.com/support)).

## Complete Screwing Sets

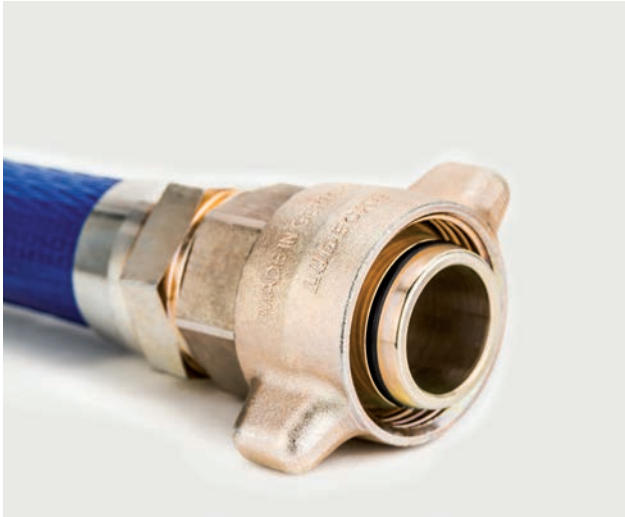


Complete Screwing Sets are extremely robust fittings for construction and mining.

They are easy to use: A tapered stem with connecting nut is screwed with a nipple with cone. Taper and cone are sealing against each other without further sealing material.

Flat sealed versions can be combined with versions, that have no cone ("Atlas Copco" system).

## FlatLock Flat Hose Screwings



Customers looking for a secure way to assemble flat hoses, will find the right solution with the FlatLock flat hose screwings. These fittings are characterised by easy installation and perfect ergonomics when assembling thin walled flat hoses. They can be loosened and reused at any time.

This extremely safe and reliable hose connection is available for the following coupling systems:

- MODY-Safety-Screwing Couplings DIN 3238
- Female and male thread screwings
- Complete Screwing Sets DIN 20 033

In addition to the standard range, we also manufacture flat hose screwings according to certain specifications or hose samples including assembly recommendations for crimping ferrule, safety clamp, wire or steel band.

## Hot Tar Screwings



The **LUDECKE** hot tar screwings are made of steel/ malleable iron zinc-plated and yellow passivated (free of chrome VI) and are used to connect hoses to tar spraying equipment, lances, etc.

They are operated by a wing nut and a tapered stem with a safety collar.

## Thread Stems and Hose Connections



Thread stems and hose connections are applied in different areas to connect or extend hose lines.

# Overview of Screwings

## Complete Screwing Sets

DIN 8537/ 20 033



## Flat Hose Screwings

DIN 3238/ 20 033



**Flat**  
**Lock**  
by **LUDECKE**

## Hot Tar Screwings



Materials		Materials		Materials	
Tapered stem:	Steel/ Malleable iron (zinc-plated + yellow passivated)	Connecting nut:	Malleable iron (zinc-plated + yellow passivated)	Tapered stem:	Steel (zinc-plated + yellow passivated)
Connecting nut:	Malleable iron (zinc-plated + yellow passivated)	Hose connections, squeeze ring, squeeze nut:	Steel (zinc-plated + yellow passivated)	Wing nut:	Malleable iron (zinc-plated + yellow passivated)
Seals:	NBR	Locking nut:	MS 58 plain	Nipple:	Steel (zinc-plated + yellow passivated)
Max. Working Pressure:	PN 16/ 25 bar*	Seals:	NBR	Max. Working Pressure:	PN 25 bar
Temperature:	-40°C - + 95°C	Max. Working Pressure:	PN 16/ 25 bar*	Temperature:	up to +200°C
Thread types:	ISO 228/ DIN 405	Temperature:	-40°C - + 100°C	Thread types:	ISO 228
Page:	227	Thread types:	ISO 228/ DIN 405	Page:	235
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\*subject to temperature and assembly method

## Double Nipples

## Connecting Nipples

## Thread Stems

## Hose Connections

## Thread Ferrule Screwings



Materials		Materials		Materials		Materials	
Body:	Steel (zinc-plated + yellow passivated)	Steel/ Malleable iron (zinc-plated + yellow passivated)	Steel (zinc-plated + yellow passivated)	Steel (zinc-plated + yellow passivated)	Steel (zinc-plated + yellow passivated)	Steel (zinc-plated + yellow passivated)	Steel (zinc-plated + yellow passivated)
Max. Working Pressure:	PN 25 bar	PN 25 bar	PN 16/ 25 bar	PN 16/ 25 bar	PN 16/ 25 bar	PN 16/ 25 bar	PN 16/ 25 bar
Thread types:	ISO 228/ DIN 405	ISO 228/ DIN 405	ISO 228/ DIN 405	-	-	ISO 228	ISO 228
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