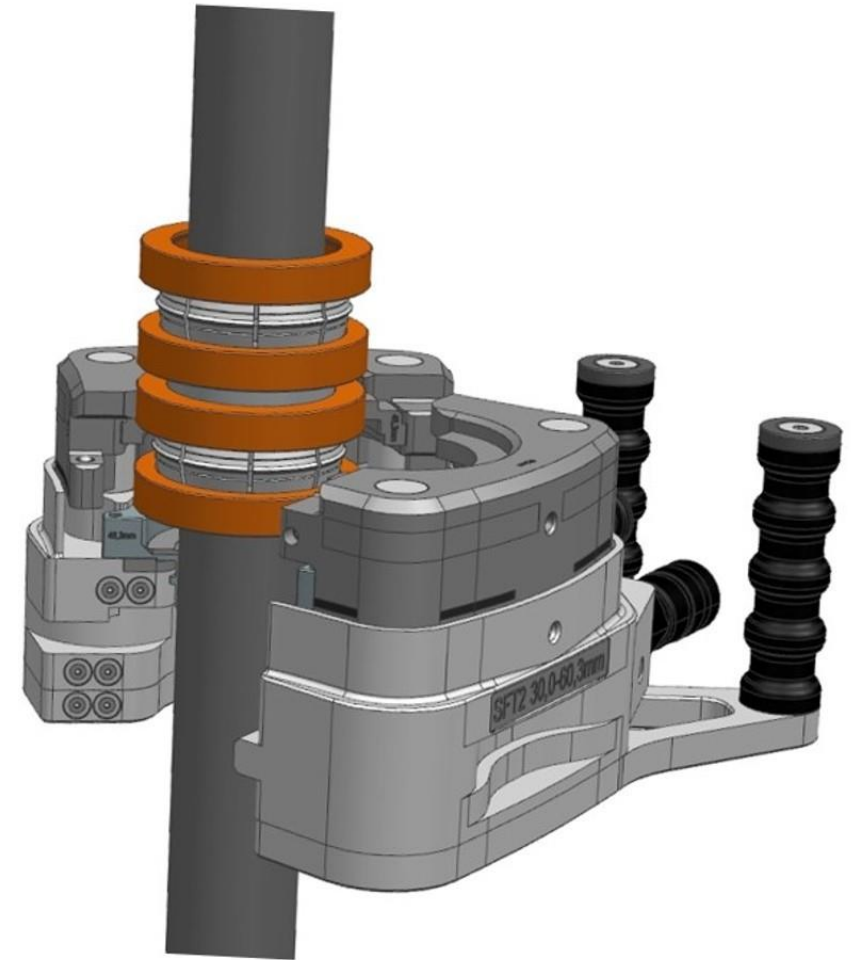


# PreFiS Press Fitting System

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- **Metallically sealing** steel tube connections which do not require welding
- **Seamless** and **welded carbon** and **stainless** steel tubes
- **High pressure** applications and/ or for highly inflammable areas (ex zones)
- The fittings can be installed easily with the help of a **press tool** and a **hydraulic pump** which are both supplied by us
- It only takes a **few seconds to crimp** the press fitting and the tubes

Fittings in nearly every form and size as well as customized solutions



**> 950  
types of  
fittings**

- 1 Straight coupling
- 2 Distribution block
- 3 Reducing coupling
- 4 Equal tee and reducing tee
- 5 End plug
- 6 Parallel female stud coupling
- 7 Male stud coupling
- 8 Distribution block with blind end
- 9 Flange adapter
- 10 Weldable bulkhead coupling
- 11 Elbow

## Approved ranges for carbon and stainless steel tubes

Approved Range for Carbon Steel				Approved Range for Stainless Steel			
OD (mm)	Max. operating pressure (bar)	Temperature acc. LR (°C)	Temperature acc. DNV/RINA (°C)	OD (mm)	Max. operating pressure (bar)	Temperature acc. BV, LR, ABS (°C)	Temperature acc. DNV/RINA (°C)
10.0	630	-10 to 300	-55 to 400	10.0	260	-55 to 300	-55 to 400
26.9	450			26.9	180		
33.7	400			33.7	160		
48.3	250			48.3	140		
60.3	250			60.3	140		
76.1	220			76.1	100		
88.9	200			88.9*	120		

Versatile certifications, mainly for maritime/ offshore applications



## Certificates

DNV GL

Bureau Veritas (BV)

Lloyd's Register (LR)

Pressure Equipment Directive (PED)

RINA (Registro Italiano Navale)

TÜV Rheinland

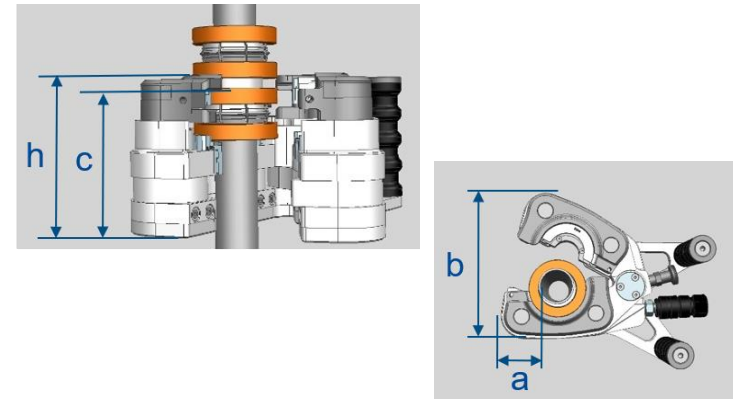
American Bureau of Shipping & Affiliated Companies (ABS)

Wehrtechnische Dienststelle für Schiffe und Marinewaffen (WTD71)

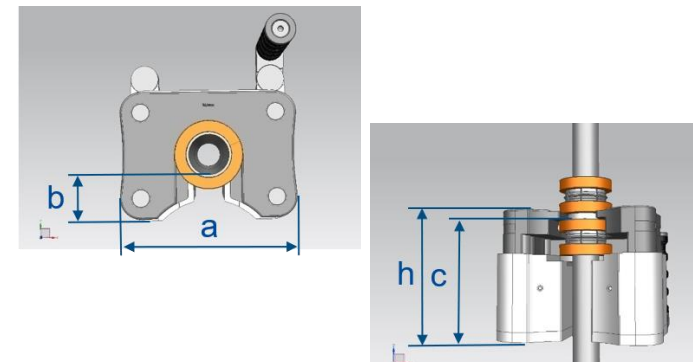
Canadian Register



Closed Tools with inserts						
Tube OD (mm)	Basic body	Weight (kg)	a (mm)	b (mm)	c (mm)	h (mm)
10.0 – 30.0	SFT1	5.8	55	160	110	120
30.0 – 60.3	SFT2	8.5	75	230	125	140
60.3 – 88.9	SFT3	13.5	90	320	150	158



Open Tools with <u>one press head per diameter</u>						
Tube OD (mm)	Basic body	Weight (kg)	a (mm)	b (mm)	c (mm)	h (mm)
10.0 up to 28.0*	SFT4	3.5	128	34	105	112
30.0 up to 60.3*	SFT5	6.5	139	36	130	140



\*One press head per diameter

# Klauke®

- Specialized in tools, testing, measuring and inspection devices for electrical engineering applications
- Global footprint with locations worldwide
- Worldwide service centers for maintenance

Pump type	AHP700LBEN	UAP700NG0001
Battery voltage (V)	18 V / 110V / 220V	18 V / 110V / 220V
Weight (w/o battery)	5,6 kg	3,6 kg
Ambient temperature	-12 °C to +40 °C	-12 °C bis +40 °C
Operating pressure	max. 700 bar	max. 700 bar
Max. oil volume	ca. 800 ml	ca. 290 ml



Pump type:  
AHP700LBEN



Pump type:  
UAP700NG0001