



# Sandblast Couplings

A Durable Connection for Aggressive Abrasive Media



In applications such as sandblasting cabins or machines we recommend the use of our sandblast couplings and nozzles.

This system is related to the claw coupling design, but different in dimensions with a 58 mm claw distance. All dimensions are identical on the front side and always interchangeable.

## Sandblast Couplings made of Malleable Iron

Robust and stabile



## Sandblast Couplings made of Nylon

Extremely light, easy to handle



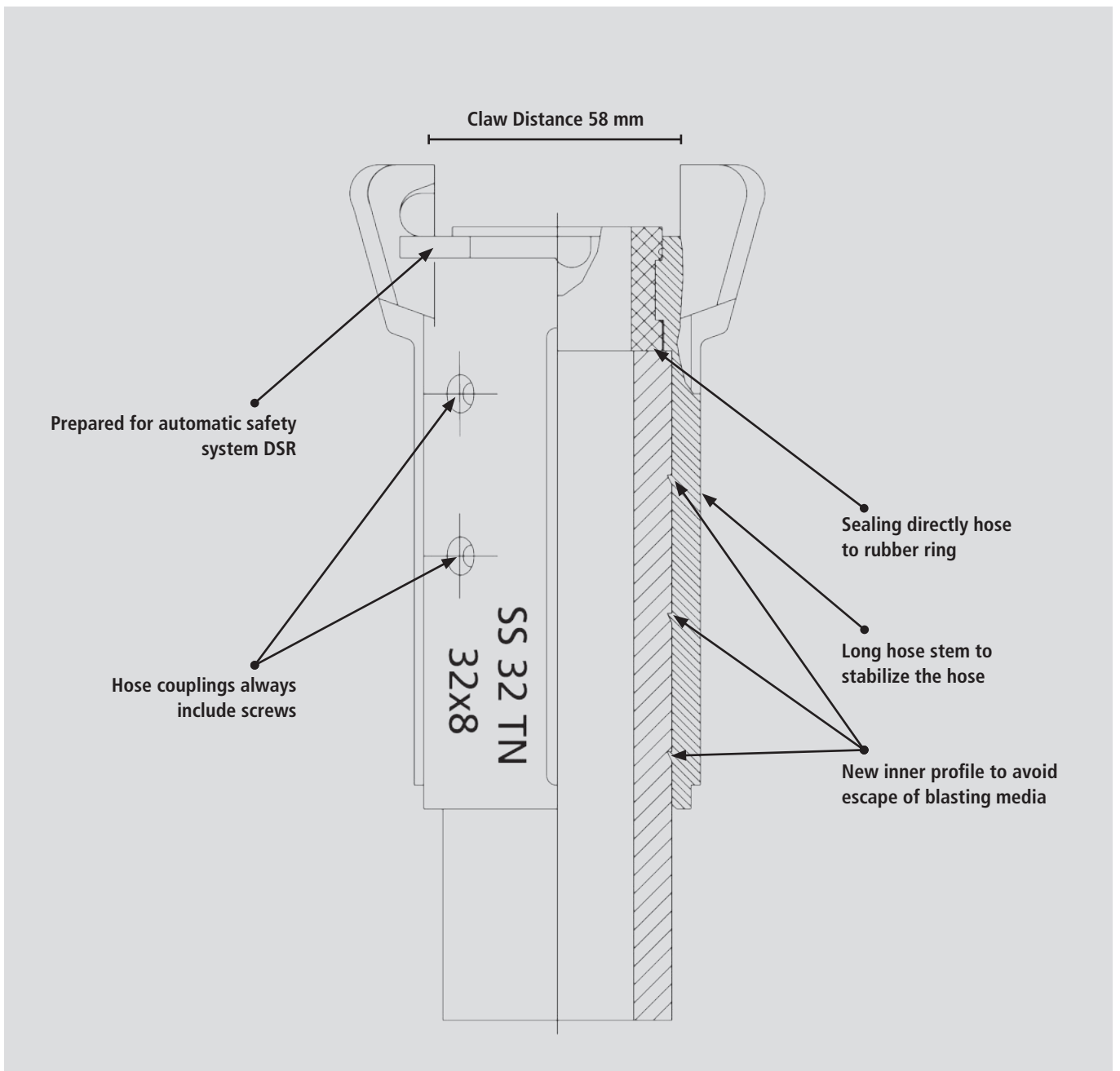
### Note:

We recommend to use a safety system (DSR).

The hose is fixed inside the body of the coupling while locking screws are screwed through the body into the hose. This assembly avoids abrasion and direct contact with the highly aggressive media.



## Proven Design - Reliable Quality



# Sandblast Couplings and Nozzle Holders

## made of Malleable Iron/ Aluminium

- Couplings of malleable iron, zinc-plated and yellow passivated (free of chrome VI) or of nylon
- Nozzle holders of aluminium or nylon
- Hose couplings and nozzle holders generally with screws
- We recommend in all cases to use our safety-clip USC-1 and for all types 'TN' to use the automatic safety system DSR (for nylon couplings always inclusive) for your own security
- Types 'TN' with direct sealing hose to gasket and extended stem with new inner profile to avoid escape of blasting media
- **To be used on all stationary and mobile blasting machines and plants**

### Materials:

- Couplings: Malleable iron zinc-plated and yellow passivated (free of chrome VI) or nylon
- Nozzle Holder: Aluminium or nylon
- O-rings: Buna N

Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 12 bar	up to +100°C	ISO 228 / coarse thread	58 mm	Blasting media	1

### Hose Couplings of malleable iron

Hose connection	L	B	Weight	Type No.
Hose 19x6	100	63	900	SS 19 T*
Hose 25x7	93	87	481	SS 25 T
Hose 32x8	135	87	827	SS 32 TN
Hose 32x8	92	87	570	SS 32 T
Hose 38x9	129	87	784	SS 38 T
Hose 40x10	150	87	893	SS 40 T

\*KIG 54 (claw distance 42 mm) with screwed-in steel pipe

### Female thread Couplings of malleable iron

Thread connection	L	B	L1	Weight	Type No.
G 1 1/4 f	62	87	28.5	509	SK 38 TN
G 1 1/4 f	55	87	27	392	SK 38 T
G 1 1/2 f	62	87	28.5	464	SK 38/15 TN
G 1 1/2 f	55	87	27	340	SK 38/15 T
Coarse thread 50	62	87	27	448	SK 50 TN
Coarse thread 50	55	87	29.5	324	SK 50 T
G 2 f	84	87	42.5	550	SK 60 T

### Original Rubber Ring for couplings of malleable iron

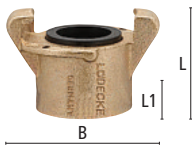
Syst.	Resistance	L	D	D1	Material	Temp.°C	Colour	Shore A		Weight	Type No.
...T	Oil/ Air	10,5	48,5	31	Buna N	-40 – +95	black	60°	10	11	SKD
...TN	Oil/ Air	27	44	31	Buna N	-40 – +95	black	60°	10	20	SKD-1

### Nozzle Holders of aluminium with female thread

Hose connection	Thread connection	L	D	L1	Weight	Type No.
Hose 32x8	G 1 1/4 f	130	57	28.5	248	SD 32-32 A
Hose 32x8	Coarse thread 50	130	57	28.5	231	SD 50-32 A

### Original Spare Parts for couplings and nozzle holders

Typ	Material	Characteristics		Weight	Type No.
Screws	Steel zinc-plated	recessed head 4.2 x 13	50	1	SHS
Safety Clip DIN 11024	Steel zinc-plated	wire Ø 3	50	10	USC-1
Automat. Safety System	Steel zinc-plated	wire Ø 2	10	6	DSR



# Sandblast Couplings and Nozzle Holders

made of Nylon

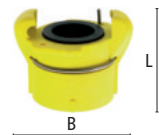
## Hose Couplings of Nylon

Hose connection	L	B	Weight	Type No.
Hose 19x7	110	51	193	CQP-3/4
Hose 25x7	110	51	165	CQP-1
Hose 32x8	136	60	222	CQP-2
Hose 8x9	136	67	244	CQP-3
Hose 42x9/40x10	136	71	215	CQP-4



## Female thread Couplings of Nylon

Thread connection	L	B	Weight	Type No.
G 1 1/4 f	63	61	126	CFP
Coarse thread 50 mm	63	61	107	CPF-50



## Original Rubber Ring for couplings of Nylon

System	Resistance	L	D	D1	Material	Temp.°C	Colour	Shore A	Weight	Type No.	
CQP-3/4	Oil /Air	27	44	19	Buna N	-40 – +95	black	60°	5	20	SDR-1
CQP-1	Oil /Air	27	44	25	Buna N	-40 – +95	black	60°	5	17	SDR-2
All other types	Oil /Air	27	44	31.5	Buna N	-40 – +95	black	60°	5	18	SDR-3



## Nozzle Holders of Nylon with female thread

Hose connection	Thread connection	L	D	Weight	Type No.
Hose 19x7	Coarse thread 50	100	49	115	NHP-34
Hose 25x7	Coarse thread 50	100	51	93	NHP-1
Hose 32x8	Coarse thread 50	120	59	150	NHP-2
Hose 38x9	Coarse thread 50	128	66	156	NHP-3
Hose 19x7	G 1 1/4 f	100	51	109	HEP-34
Hose 25x7	G 1 1/4 f	100	51	102	HEP-1
Hose 32x8	G 1 1/4 f	128	59	154	HEP-2
Hose 38x9	G 1 1/4 f	128	66	166	HEP-3



## Sandblast Throttle Valve with lever stop, without exhaust, both sides tapered male thread

Extreme reliable Version with throttle of steel

### Materials:

- Housing, Handle: Malleable iron zinc-plated and yellow passivated (free of chrome VI)

Inlet	Outlet	L	SW	B	L1	L2	Passage	Weight	Type No.
NPT 1 m	NPT 1 m	96	37	168	22	22	16	741	ADA 10 SK

