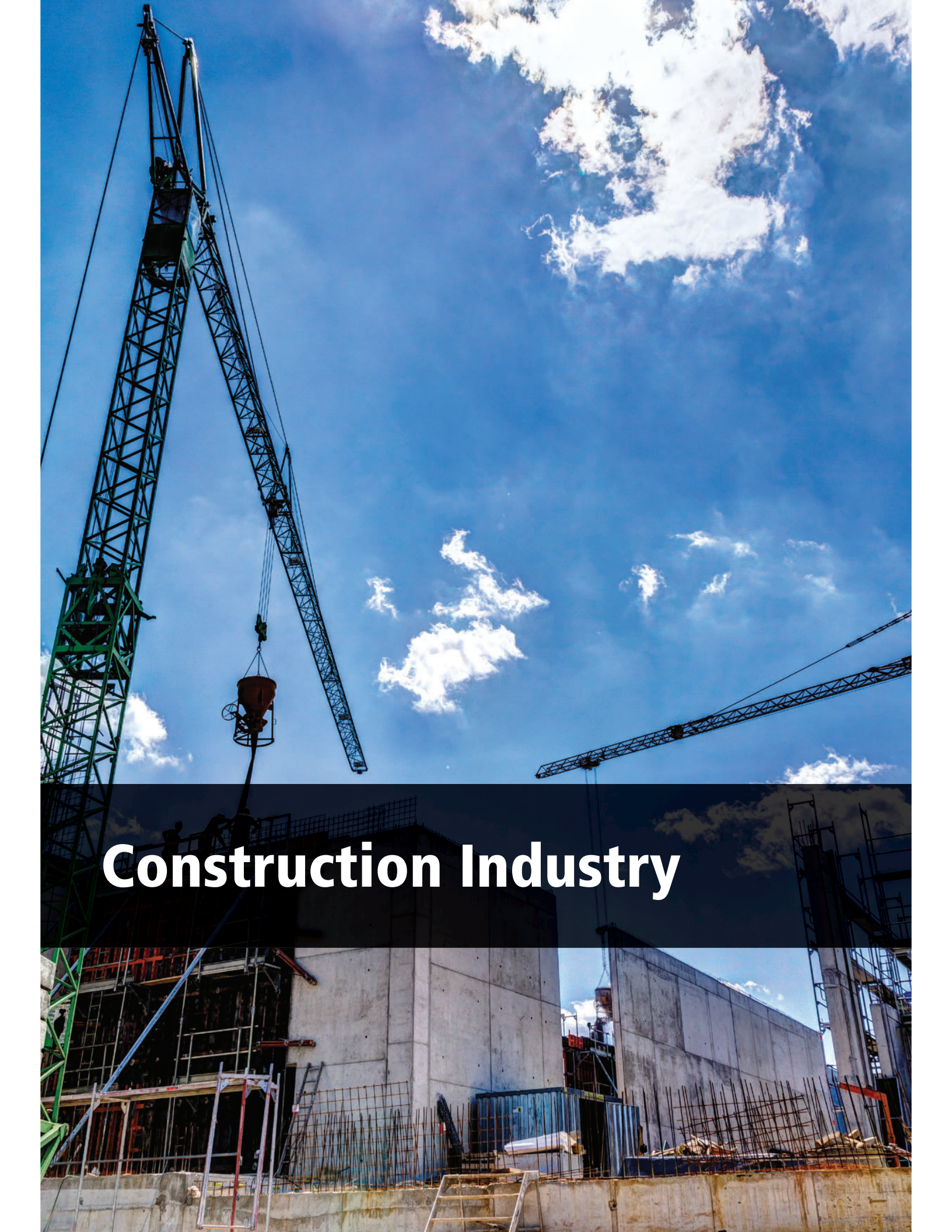


The image is a vertical collage. The top half shows a low-angle shot of two large tower cranes against a bright blue sky with scattered white clouds. One crane is green, and the other is dark. A red bucket is suspended from the green crane. The bottom half shows a construction site with large concrete walls, scaffolding, and rebar. A dark horizontal band with the text 'Construction Industry' in white is overlaid across the middle.

Construction Industry



Claw Couplings



Complete Screwing Sets, etc.



Mortar Couplings and Plugs



Sandblast Couplings



Hose Clamps and Hose Clips



Ball Valves and Throttle Valves



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Construction Industry



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Claw Couplings

Swivelling, DIN 3489

- High quality couplings, head of malleable iron, thread connections and hose stem of turned steel with special profile, zinc-plated and yellow passivated (free of chrome VI) with safety notches
- 360° swivelling, easy turning under pressure, therefore no hose twist
- Sealing through 2 O-rings, swivelling on 2 teflon-discs, safe and protected
- 100 % tight through machined seal holder, standard rubber ring can be used (GOER)
- Full bore for increased flow capacity
- On request with steam resistant rubber ring GDOR against surcharge
- 100 % couple test and sight control
- For flexibility of compressed air lines in construction and industry, if used as thread coupling assembled at the tool up to 10 times higher durability compared to rigid standard couplings! The swivel principle absorbs all vibrations!



Materials

- Claw: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N
- Connector: Steel zinc-plated and yellow passivated (free of chrome VI)

Max. Working Pressure	Temperature	Thread	Norm	Claw Distance	Media	
PN 16 bar	-40°C – +95°C	ISO 228	DIN 3489	42 mm	Air a.o.	5

Hose Claw Couplings

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 13	87	63	41	10	221	SKG 13-DR
Hose i.D. 19	87	63	41	15	230	SKG 19-DR
Hose i.D. 25	87	63	41	19	260	SKG 25-DR

For hose clamps DIN 20039 A type SL (☹ page 313) or crimping sockets type LPH (☹ page 318)

Hose Claw Couplings with safety collar

Hose connection	L	B	L1	ØCollar	Passage	Weight	Type No.
Hose i.D. 13	96	63	41	24	10	236	SKB 13-DR
Hose i.D. 19	98	63	41	34	15	250	SKB 19-DR
Hose i.D. 25	98	63	41	39	19	290	SKB 25-DR

For hose clamps DIN 20039 B type SK (☹ page 313)

Female Claw Couplings

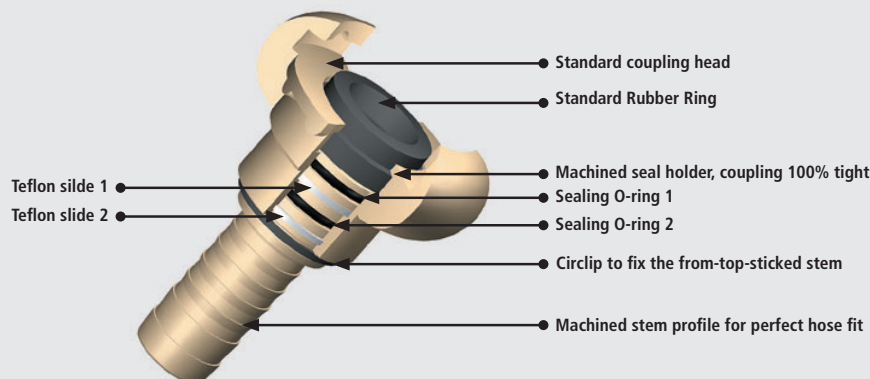
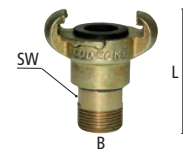
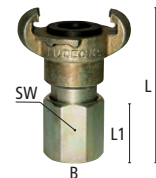
Thread connection	L	B	SW	L1	Passage	Weight	Type No.
G 1/2 f	61	63	24	15	17	240	KIG 12-DR
G 3/4 f	85	63	32	15	17	330	KIG 34-DR
G 1 f	90	63	41	15	17	430	KIG 10-DR

Male Claw Couplings

Thread connection	L	B	SW	L1	Passage	Weight	Type No.
G 1/2 m	67	63	24	14	13	240	KAG 12-DR
G 3/4 m	68	63	24	15	17	236	KAG 34-DR
G 1 m	83	63	36	15	19	315	KAG 10-DR

Original Rubber Rings

Resistance L	D	D1	Material	Temp.°C	Media	Colour	Shore A		Weight	Type No.	
Oil	11	34	20	Buna N	-40 – +95	Compr. air	black	65°	100	6	GOER
Steam	10	33	20	TFEP	-40 – +200	Steam	red	65°	10	6	GDOR



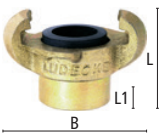
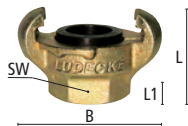
Claw Couplings

Standard Version DIN 3489

- Robust couplings of malleable iron, zinc-plated and yellow passivated (free of chrome VI) with safety notches
- 100 %couple test and sight control
- With oil-resistant rubber ring GOER, on request with steam-resistant rubber ring GDOR (up to 200°C) against surcharge
- **Universal coupling, world-wide used system for compressed air in construction and industry**

Materials

- Claw, connector: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N



Max. Working Pressure	Temperature	Thread	Norm	Claw Distance	Media	
PN 10 bar	-40°C – +95°C	ISO 228, ANSI/ ASME B 1.20.1	DIN 3489	42 mm	Compressed Air	10

Hose Claw Couplings (formerly DIN 3483)

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 6	70	63	25	5	157	SKG 6
Hose i.D. 10	76	63	45	7	150	SKG 10
Hose i.D. 13	69	63	45	8.5	141	SKG 13
Hose i.D. 15	69	63	45	11	142	SKG 15
Hose i.D. 19	69	63	45	15	155	SKG 19
Hose i.D. 25	70	63	46	19	176	SKG 25
Hose i.D. 32	90	63	64	20	244	SKG 32

For hose clamps DIN 20039 A type SL (© page 313) or crimping sockets type LPH (©page 318)

Hose Claw Couplings with safety collar

Hose connection	L	B	L1	ØCollar	Passage	Weight	Type No.
Hose i.D. 13	75	63	35.5	25	8,5	174	SKB 13
Hose i.D. 15	75	63	35.5	26	11	175	SKB 15
Hose i.D. 19	75	63	40.5	28,5	15	182	SKB 19
Hose i.D. 19	73.5	63	41	24	15	160	SKB 19 FL *
Hose i.D. 25	75	63	40.5	40	20	240	SKB 25
Hose i.D. 25	75	63	40.5	30	20	190	SKB 25 FL *

* at hose version, integrated with hose clamps SK..FL

For hose clamps DIN 20039 B, type SK (© page 313), safe hose assembly

Female Claw Couplings (formerly DIN 3482)

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1/4 f	36	22	63	12	11	138	KIG 14
G 3/8 f	36	22	63	12	15	135	KIG 38
G 1/2 f	38	27	63	12	19	150	KIG 12
G 1/2 f	41	-	63	14.5	19	180	KIGO 12**
G 3/4 f	40	32	63	14.5	20	155	KIG 34
NPT 3/4 f	38	32	63	17	20	160	KIG 34 NPT
G 3/4 f	41	-	63	14.5	20	155	KIGO 34**
G 1 f	40	41	63	18	20	184	KIG 10
NPT 1 f	40	40	63	18	20	180	KIG 10 NPT
G 1 1/4 f	55	50	63	18	20	297	KIG 54

**without Hexagon

Blank Ends (formerly DIN 3484)

Version	L	B		Weight	Type No.
without chain	43	63	10	130	VKO
with chain	43	63	10	140	VKM
chain (spare part)	200	38	25	7	VKM-K

Claw Couplings

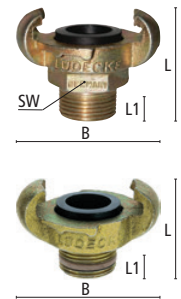
Standard Version DIN 3489

Male Claw Couplings (formerly DIN 3481)

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1/4 m	50	22	63	9	6	157	KAG 14
G 3/8 m	52	27	63	14	9	170	KAG 38
G 1/2 m	47	27	63	14	13	162	KAG 12
NEW! NPT 1/2 m	49	27	63	16	13	166	KAG 12 NPT
G 3/4 m	50	32	63	14.5	17	175	KAG 34
NEW! NPT 3/4 m	49	32	63	17	18	176	KAG 34 NPT
G 3/4 m	41	-	63	15	17	150	KAGO 34**
G 1 m	47	40	63	15	20	174	KAG 10
NEW! NPT 1 m	48	40	63	15	20	196	KAG 10 NPT
G 1 m	41	-	63	15	20	165	KAGO 10**
G 1 1/4 m	52	46	63	18	20	230	KAG 54

Easy male thread sealing with PVC-Packing rings type HPD (☉ below)

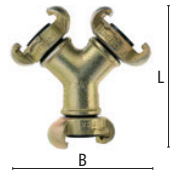
**without Hexagon, with LÜDSY-sealing ring



Max. Betriebsdruck	Temperature	Thread	Claw Distance	Media
PN 10 bar	-40°C – +95°C	ISO 228/ DIN 2999	42 mm	Air

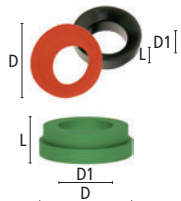
Three-way connections with threaded ends or claw couplings (rubber seal)

Connection	L	B	Material	Seal	Passage	☐	Weight	Type No.
3 x R 3/4 f	68	68	mall. iron	-	24	1	255	DWS 34
3 x KAGO 34	120	120	mall. iron	Buna N	17	1	708	DWSG 34
3 x R 1 f	85	85	mall. iron	-	30	1	413	DWS 10
3 x KAGO 10	135	130	mall. iron	Buna N	21	1	905	DWSG 10



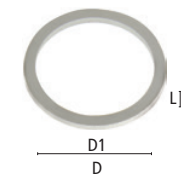
Original Rubber Rings for Standard Claw Couplings DIN 3489

Resistance	L	D	D1	Material	Temp°C	Media	Colour	Shore A	☐	Weight	Type No.
Oil	11	34	20	Buna N	-40 – +95	compr. air	black	65°	100	6	GOER
Steam	10	33	20	TFEP	-40 – +200	steam	red	65°	10	6	GDOR
Chemicals	10.5	34	20	FKM	-40 – +200	chemical	green	50°	10	9	GVOR



Hard-PVC-Packing Rings for fast, easy and tight sealing of male threads

For male thread	L	D	D1	☐	Weight	Type No.
G 1/8 m	1.5	10	13	100	0.13	HPD 18
G 1/4 m	2	13.3	16.4	100	0.13	HPD 14
G 3/8 m	2	16.7	21.5	100	0.13	HPD 38
G 1/2 m	2	21.5	26	100	0.13	HPD 12
G 3/4 m	2	26.5	31.4	100	0.13	HPD 34
G 1 m	2	33.5	40	100	0.13	HPD 10



Claw Couplings

MODY-Safety-Screwing Couplings DIN 3238



- Recommended instead of expensive and unhandy hosebreak secure systems (whip-check)
- High quality safety coupling, head of malleable iron with safety notches, hose stem of turned steel with special profile, zinc-plated and yellow passivated (free of chrome VI)
- Stronger thread - protective ring and new rubber ring, on both sides led in seal holder
- With oil resistant rubber ring, on request with steam resistant rubber ring (up to 200°C)
- 100 % tight, reduces expensive air consumption, 100 % couple test and sight control
- Easy to couple, secured against accidental opening: locking nut
- Maximum bore for more flow capacity
- For absolutely safe air lines in construction and industry

Materials

- Claw: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Locking nut, forged clamps: Brass MS 58 plain
- Connector: Steel zinc-plated and yellow passivated (free of Chrom VI)
- O-rings: Buna N

Max. Working Pressure	Temperature	Thread	Norm	Claw Distance	Media	
PN 16 bar	-40°C – +95°C	ISO 228	DIN 3238	42 mm	Compressed air	5

MODY-Safety-Hose Couplings

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 10	100	63	41	6.5	309	SSG 10
Hose i.D. 13	100	63	41	10	309	SSG 13
Hose i.D. 15	100	63	41	11	316	SSG 15
Hose i.D. 19	100	63	41	15	319	SSG 19
Hose i.D. 25	100	63	41	18	346	SSG 25
Hose i.D. 32	135	63	48	18	464	SSG 32

For hose clamps DIN 20039 A type SL (☺ page 313) or crimping sockets type LPH (☺ page 318)

MODY-Safety-Hose Couplings with safety collar

Hose connection	L	B	L1	ØCollar	Passage	Weight	Type No.
Hose i.D. 10	103	63	41	21	6.5	323	SSG 10 S
Hose i.D. 13	110	63	41	24	10	321	SSG 13 S
Hose i.D. 15	112	63	41	27	11	343	SSG 15 S
Hose i.D. 19	112	63	40.5	32	15	350	SSG 19 S
Hose i.D. 25	112	63	40.5	39	18	386	SSG 25 S

For hose clamps DIN 20039 B type SK (☺ page 313)

MODY-Safety-Hose Couplings for crimping sockets (hydraulic crimping)

Hose connection	L	B	L1	ØCollar	Passage	Weight	Type No.
Hose i.D. 19	108	63	40	24	15	359	SSG 19 PH

Crimping with crimping socket PH-19 (☺ page 191)

Other sizes on request

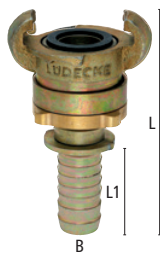
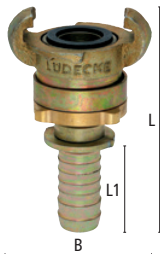
MODY-Safety-Hose Couplings for Aluminium forged clamps

Hose connection	L	B	L1	ØCollar	Passage	Weight	Type No.
Hose i.D. 19	110	63	35	26	15	340	SSG 19-KSA

For aluminium forged clamps VG 85 328 type KSA 30-33 (☺ page 338)

MODY-Safety-Hose Couplings with brass safety clamp for steam applications

Hose connection	L	B	L1	Passage	Dichtung	Weight	Type No.
Hose 19x7	113	63	52	15	TFEP (SDOR-N)	920	SSG 19 KSM
Hose 25x7.5	113	63	52	18	TFEP (SDOR-N)	1120	SSG 25 KSM

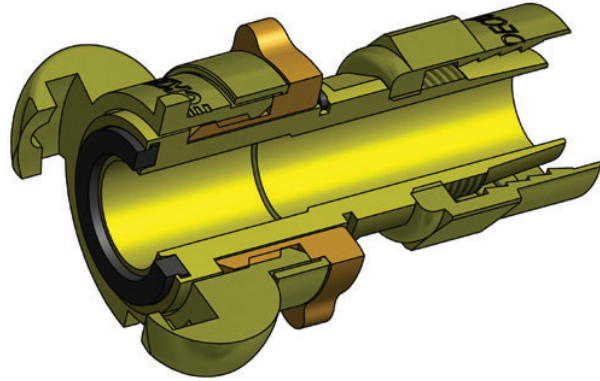


Claw Couplings

MODY-Safety-Screwing Couplings DIN 3238

Thread ferrule according to DIN EN 14 424 as the perfect hose connection for optimum security; at any time unlockable and reusable.

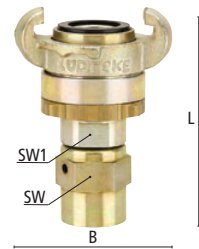
Please pay attention to the details for the essential hose wall thickness!



MODY-Safety-Hose Couplings with thread ferrule (according to DIN EN 14 424)

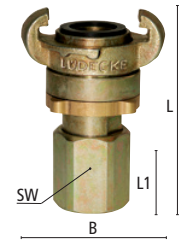
Hose connection	L	SW	B	SW1	Passage	Weight	Type No.
Hose 13x3	92	27	63	24	11	400	SSG 133 TQ
Hose 13x5	92	27	63	24	11	405	SSG 135 TQ
Hose 15x5	95	32	63	24	13	415	SSG 155 TQ
Hose 19x5	95	32	63	24	16	435	SSG 195 TQ
Hose 19x6	95	36	63	24	16	440	SSG 196 TQ
Hose 25x5	105	41	63	24	22	510	SSG 255 TQ
Hose 25x7	105	46	63	24	22	520	SSG 257 TQ

(Size 1" two parts screwed)



MODY-Safety Female Couplings

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 3/8 f	68	24	63	13	13	347	SSGI 38
G 1/2 f	70	24	63	15	17	329	SSGI 12
G 3/4 f	93	32	63	20	17	419	SSGI 34
NEW! NPT 3/4 f	93	32	63	21.5	17	388	SSGI 34 NPT
NEW! G 1 f	95	41	63	22	17	516	SSGI 10
NEW! NPT 1 f	97	41	63	22	17	473	SSGI 10 NPT



MODY-Safety Male Couplings with LÜDSY-sealing system

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 3/8 m	72	24	63	13	10	260	SSGA 38
G 1/2 m	73	24	63	14	13	260	SSGA 12
G 3/4 m	73	24	63	15	17	260	SSGA 34
NEW! NPT 3/4 m	73	24	63	18	17	280	SSGA 34 NPT*
R 1 m	85	36	63	18	17	370	SSGA 10
NEW! NPT 1 m	83	36	63	19	17	365	SSGA 10 NPT*

*without LÜDSY-thread sealing



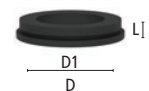
Original MODY-Rubber Rings – Standard Version

Resistance	L	D	D1	Material	Temp.°C	Media	Colour	Shore A		Weight	Type No.
Oil	4	30	21	Buna N	-40 – +95	Compr.air	black	75°	50	1.7	SGOR-N
Steam	4	30	21	TFEP	-40 – +200	Steam	red	65°	10	1.7	SDOR-N



Original MODY-Rubber Rings – Old Version (Only suitable for MODY-Couplings with old seal holder!)

Resistance	L	D	D1	Material	Temp.°C	Media	Colour	Shore A		Weight	Type No.
Oil	7	33	21	Buna N	-40 – +95	Compr. air	black	60°	50	4	SGOR



All Types also available coloured (powder-coated) against surcharge

RAL 5010
RAL 6029
RAL 1004
RAL 2002

® Attention: At least 100 pc/type necessary!



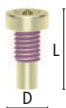
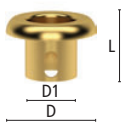
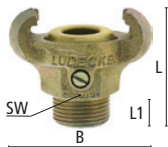
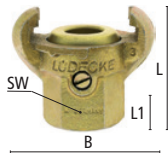
Claw Couplings

with Brass Seal

- Robust couplings of malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- 100 % couple test and sight control
- With brass seal, oil-resistant hose ring and zinc-plated screw
- Easy to couple, no independant remove of the seal, prevents sticking of seals when coupled
- Always to be coupled with a standard claw coupling with Buna N seal!
- **Universal couplings for air lines in construction or industry, mainly used directly on compressor or air tool**

Materials

- Claw, Connector: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Screw: Steel zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Brass



Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 10 bar	-40°C – +95°C	ISO 228	42 mm	Compressed air	10

Hose Claw Couplings with brass seal

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 13	78	63	39	8.5	212	SKM 13*
Hose i.D. 15	88	63	39	11	226	SKM 15*
Hose i.D. 19	84	63	46	15	211	SKM 19
Hose i.D. 25	84	63	-	19	225	SKM 25

For hose clamps type SL DIN 20039 A (☺ page 313)

*two parts with thread stem of steel

Female Claw Couplings with brass seal

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1/2 f	50	32	63	14	17	220	KIM 12
G 3/4 f	50	32	63	14.5	17	200	KIM 34
G 1 f	52	41	63	17	17	260	KIM 10

Male Claw Couplings with brass seal

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1/2 m	55	27	63	14	11	193	KAM 12
G 3/4 m	51	32	63	14	17	206	KAM 34
G 1 m	48	40	63	15	17	213	KAM 10

Easy male thread sealing with PVC-Packing rings type HPD (☺ page 167)

Original spare parts for claw couplings with brass seal

Type	L	D	D1	Material		Weight	Type No.
Brass sleeve	21	32	17	Brass	10	12.5	MOOH
Hose ring	12	28	23	Buna N	100	3.2	SOOR
Steel screw M5	14	7	-	Steel zinc-pl. + yellow pass.	100	2	HOOS

Claw Couplings with Bore for Safety-Clips

- Robust couplings of malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- 100 % couple-test and sight control
- With oil-resistant rubber ring GOER, on request with steam-resistant rubber ring GDOR (up to 200°C) against surcharge
- To be secured against accidental opening through safety-clips DIN 11024
- **Universal coupling, mainly used worldwide in mining or tunneling**

Materials

- Claw, connector: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N

Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 10 bar	-40°C – +95°C	ISO 228, ANSI/ ASME B 1.20.1	42 mm	Compressed air	10

Hose Claw Couplings with safety collar

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 13	74	63	40	8.5	167	SKSS 13
Hose i.D. 19	75	63	40	15	196	SKSS 19
Hose i.D. 25	75	63	40	19	222	SKSS 25

For hose clamps DIN 20039 B, type SK (© page 313), safe hose assembly

Female Claw Couplings

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1/2 f	37	27	63	14	18.5	141	KISS 12
G 3/4 f	39	32	63	14.5	20	145	KISS 34
G 1 f	41	41	63	18	20	182	KISS 10
NPT 1 f	41	41	63	18	20	180	KISS 10 NPT

NEW!

Male Claw Couplings

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1/2 m	49	27	63	14	13	170	KASS 12
G 3/4 m	49	32	63	15	17	182	KASS 34
G 1 m	53	39	63	15.5	20	199	KASS 10

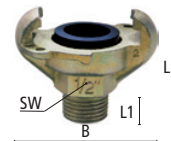
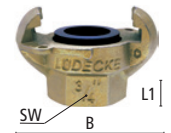
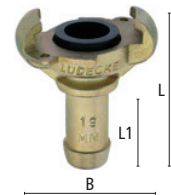
Easy male thread sealing with PVC-Packing rings type HPD (© page 167)

Original Rubber Rings

Resistance	L	D	D1	Material	Temp.°C	Media	Colour	Shore A		Weight	Type No.
Oil	11	34	20	Buna N	-40 – +95	Compr.air	black	65°	100	6	GOER
Steam	10	33	20	TFEP	-40 – +200	Steam	red	65°	10	6	GDOR

Universal Safety-Clips DIN 11024

L	B	D	Material		Weight	Type No.
27	63	3	Steel zinc-plated	50	10	USC-1



Claw Couplings

Left-Closing and Coloured



- Robust couplings of malleable iron or steel zinc-plated and yellow passivated (free of chrome VI) with safety notches and locking nut on female claw couplings left closing
- 100 % couple-test and sight control
- With oil-resistant rubber ring SGOR-N, on request with steam-resistant rubber ring SDOR-N (up to 200°C) or with brass seal and standard seal
- Through left-closing mechanism the couplings can't be connected with standard claw couplings (right-closing), additional warning through ears at the claws or colour
- **Mainly used in chemical and petrochemical plants to avoid connection of different fluids, f.e compressed air, steam, gas media, nitrogen**

Materials

- Claw: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Connector: Steel zinc-plated and yellow passivated (free of chrome VI)
- Locking nut: Brass MS 58 plain
- O-rings: Buna N/ Brass

Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 16 bar	-40°C – +95°C	ISO 228	42 mm	various	1

Hose Claw Couplings left-closing

Hose connection	L	B	L1	Passage	Typ	Version	Seal	Weight	Type No.
Hose i.D. 19	100	85	41	16	MODY	w safety collar	Buna N	340	SSGL 19
Hose i.D. 19	112	85	40.5	16	MODY	w safety collar	Buna N	367	SSGL 19 S
Hose i.D. 19	84	85	49	16	MS-seal	w/o safety collar	Brass	240	SKML 19

Other sizes on request.

For hose clamps DIN 20039 A or B (© page 313)

Female Claw Couplings left-closing

Thread connection	L	SW	B	L1	Passage	Typ	Seal	Weight	Type No.
G 3/4 f	38	40	85	16	20	Standard	Buna N	210	KIGL 34
G 3/4 f	93	32	85	20	19	MODY	Buna N	434	SSGIL 34
G 1 f	39	40	85	18	20	Standard	Buna N	180	KIGL 10

Other sizes on request.

Male Claw Couplings left-closing

Thread connection	L	SW	B	L1	Passage	Typ	Seal	Weight	Type No.
G 3/4 m	73	24	85	15	19	MODY	Buna N	339	SSGAL 34

Other sizes on request.

Original Standard-Rubber Rings

(© page 175)

Original MODY-Rubber Rings - Standard Version

(© page 169)

Original MODY-Rubber Rings - Old Version

(© page 169)

Original Spare Parts for Claw Couplings with Brass Seal

Type	L	D	D1	Material		Weight	Type No.
Brass sleeve	21	32	17	Brass	10	12.5	MOOH
Hose ring	12	28	23	Buna N	100	3.2	SOOR
Steel screw M5	14	7	-	Steel zinc-pl. + yellow pass.	100	2	HOOS

All types also available coloured (powder-coated) against surcharge!

RAL 5010
 RAL 6029
 RAL 1004
 RAL 2002
 ...others on request.

⑧ At least 100 pc/type necessary!

C L A W C O U P L I N G S

Claw Couplings

of Forged Steel, Hardened. Compatible to Type „Atlas Copco“

- Extremely robust, durable coupling of forged steel, hardened, zinc-plated and yellow passivated (free of chrome VI), equivalent to type Atlas Copco
- With oil-resistant rubber ring GOER, on request with steam-resistant rubber ring GDOR (up to 200°C) against surcharge
- Maximum bore for maximum flow capacity to reach full tool performance
- Turned stem profile for perfect fit of the hose - Turned seal holder, therefore 100 % tight
- **High quality coupling for compressed air in construction and industry**

Materials

- Claw: Steel hardened, zinc-plated and yellow passivated (free of chrome VI)
- Connector: Steel hardened, zinc-plated and yellow passivated (free of chrome VI)
- Locking nut: Brass MS 58 plain
- O-rings: Buna N

Max. Working Pressure	Temperature	Thread	Claw Distance	Media	⚙
PN 16 bar	-40°C – +95°C	ISO 228, ANSI/ ASME B 1.20.1	42 mm	Compressed air	10

Hose Claw Couplings

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 10	63	62	35	8	141	ACK 38 T
Hose i.D. 12.5	63	62	35	10.5	136	ACK 12 T
Hose i.D. 20	70	62	45	17	165	ACK 34 T
Hose i.D. 25	73	62	46	20	173	ACK 10 T

For hose clamps DIN 20039 A, type SL (⊗ page 313)

Swivelling Version (against hose twist) on request.

Female Claw Couplings

Thread connection	L	B	L1	Passage	Weight	Type No.
G 3/8 f	40	62	16	15	182	ACK 38 I
G 1/2 f	40	62	16	19	203	ACK 12 I
G 3/4 f	40	62	16	20	176	ACK 34 I
NEW! NPT 3/4 f	40	62	16	20	176	ACK 34 I-NPT
G 1 f	40	62	17	20	160	ACK 10 I
NEW! NPT 1 f	40	62	17	20	155	ACK 10 I-NPT

Male Claw Couplings

Thread connection	L	B	L1	Passage	Weight	Type No.
G 3/8 m	40	62	14	11	142	ACK 38 A
G 1/2 m	40	62	14	15	152	ACK 12 A
G 3/4 m	40	62	15	19	148	ACK 34 A
NEW! NPT 3/4 m	41	62	16	19	150	ACK 34 A-NPT
G 1 m	40	62	15	20	152	ACK 10 A

Easy male thread sealing with PVC-Packing rings type HPD (⊗ page 167)

Plain Ends

Version	L	B	Weight	Type No.
without chain	40	62	140	ACKO
with chain	40	62	150	ACKM
chain (spare part)*			7	VKM-K*

*made of steel (zinc-plated)

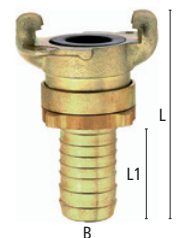
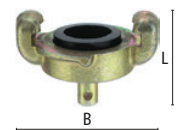
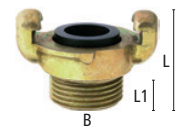
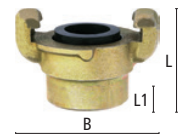
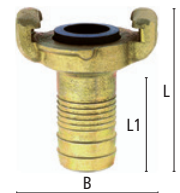
MODY-Safety-Hose Couplings with thread-protective ring and new sealing-ring, on both sides led in seal holder

Hose connection	L	B	L1	Passage	⚙	Weight	Type No.
Hose i.D. 12.5	92	62	41	10	5	321	ACS 13
Hose i.D. 20	92	62	41	17	5	331	ACS 19
Hose i.D. 25	92	62	41	19	5	356	ACS 25

For hose clamps DIN 20039 A, type SL (⊗ page 313)

Original MODY-Rubber Rings – Standard and Old Version

(⊗ page 169)



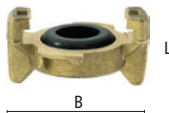
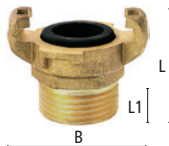
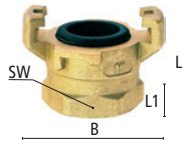
Claw Couplings

of Forged Brass MS 58

- "French System", interchangeable with all claw distance 42 mm types
- Universal couplings of forged brass MS 58
- With oil-resistant rubber ring MK 42 ER
- Turned seal holder, therefore 100 % tight
- According to NF E 29-573
- For compressed air and water in construction, agriculture and industry

Materials

- Claw, connector: Brass MS 58 plain
- O-rings: Buna N



Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 10 bar	-40°C – +95°C	ISO 228	42 mm	Compr.air, water	10

Hose Claw Couplings

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 6	76	57	39.5	6	115	MKS 42-6
Hose i.D. 10	69	57	36.5	8	120	MKS 42-10
Hose i.D. 13	69	57	36.5	10	130	MKS 42-13
Hose i.D. 16	69	57	36.5	12	131	MKS 42-15
Hose i.D. 19	69	57	36.5	15	155	MKS 42-19
Hose i.D. 25	69	57	40	21	180	MKS 42-25

For hose clamps/clips type SL, type HS, ZOS, LPH(© page 313 - 415, 418)

Female Claw Couplings

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1/4 f	38	17	57	13.5	8	93	MKI 42-14
G 3/8 f	33	21	57	10.5	12	97	MKI 42-38
G 1/2 f	33	26	57	11.5	15	101	MKI 42-12
G 3/4 f	36	32	57	14	21	119	MKI 42-34
G 1 f	38	39	57	15	21	124	MKI 42-10
G 1 1/4 f	43	47	57	15	21	166	MKI 42-54

Male Claw Couplings

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1/4 m	43	17	57	10.5	7	104	MKA 42-14
G 3/8 m	45	21	57	11	10	102	MKA 42-38
G 1/2 m	42	24	57	10	14	112	MKA 42-12
G 3/4 m	43	30	57	11	19	135	MKA 42-34
G 1 m	43	34	57	11	21	140	MKA 42-10
G 1 1/4 m	46	44	57	13	21	193	MKA 42-54

Easy male thread sealing with PVC-Packing rings type HPD (© page 167)

Plain Ends

Version	L	B	Weight	Type No.
without chain	29	57	93	MKO 42

Original Rubber Ring

Resistance	L	D	D1	Material	Temp.°C	Media	Colour	Shore A		Weight	Type No.
Oil	10	34.5	21	Buna N	-40 – +95	Air/Water	black	55°	10	5	MK 42 ER

Claw Couplings

US-Version with Bore for Safety-Clips

- Robust standard couplings and Mody-Safety-Couplings of malleable iron, US-Version, zinc-plated and yellow passivated (free of chrome VI)
- 100 % couple test and sight control
- With oil-resistant rubber ring GOOR
- To be secured against accidental opening through safety-clips DIN 11024
- **US-universal coupling, widely spread system for compressed air in construction and industry**

Materials

- Claw, connector: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N

No coupling
with
claw distance
of 42 mm

Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 10 bar	-40°C – +95°C	NPT/ ISO 228	41 mm	Air a.o.	10

US-Hose Claw Couplings with safety collar

Hose connection	L	B	L1	Passage	Weight	Type No.
Hose i.D. 10	75	62	32	6	162	SKA 11*
Hose i.D. 13	88	62	42	9	182	SKA 13
Hose i.D. 19	105	62	56	14	244	SKA 19
Hose i.D. 25	107	62	59	20	286	SKA 25

For US-hose clamps (© page 314)

* SKA 11 two parts with thread stem of steel

US-Female Claw Couplings

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
NEW! G 3/8 f	57	27	62	13.5	15	180	KIA 38 BSP
NPT 3/8 f	57	27	62	13.5	15	187	KIA 38
NEW! G 1/2 f	57	27	62	13.5	18	173	KIA 12 BSP
NPT 1/2 f	57	27	62	13.5	18	181	KIA 12
NEW! G 3/4 f	57	36	62	15	20	195	KIA 34 BSP
NPT 3/4 f	57	36	62	15	20	201	KIA 34
NEW! G 1 f	57	42	62	15	20	208	KIA 10 BSP
NPT 1 f	57	42	62	15	20	218	KIA 10

US-Male Claw Couplings

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
NEW! G 3/8 m	56	29	62	14	9	200	KAA 38 BSP
NPT 3/8 m	64	29	62	15	9	180	KAA 38
NEW! G 1/2 m	56	29	62	14	12	210	KAA 12 BSP
NPT 1/2 m	64	29	62	20	12	190	KAA 12
NEW! G 3/4 m	64	34	62	16	17	225	KAA 34 BSP
NPT 3/4 m	70	34	62	20	17	224	KAA 34
NEW! G 1 m	68	38	62	18	20	250	KAA 10 BSP
NPT 1 m	72	38	62	23	20	260	KAA 10

US-Plain End

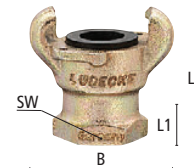
Version	L	B	Weight	Type No.
without chain	55	62	215	UDM

Original Rubber Ring

Resistance	L	D	D1	Material	Temp.°C	Media	Colour	Shore A		Weight	Type No.
Oil	10.5	34	20	Buna N	-40 / +95	Compr.Air	black	50 °	100	6	GOOR

Universal Safety Clips DIN 11024

L	B	D	Material		Weight	Type No.
27	63	3	Steel zinc-plated	50	10	USC-1

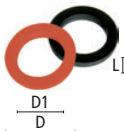
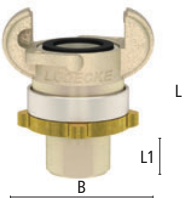
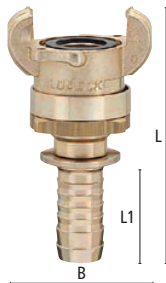


Claw Couplings

US-Version MODY-Safety-Screwing Couplings with Bore for Safety-Clips,



No coupling
with
claw distance
of 42 mm



- Recommended instead of expensive and unhandy hosebreak secure systems (whip-check)
- High quality safety coupling, hose stem with special profile
- Stronger thread - protective ring and new rubber ring, on both sides led in seal holder
- With oil resistant rubber ring, on request with steam resistant rubber ring (up to 200°C),
- 100 % tight, reduces expensive air consumption: 100% couple test and sight control
- Easy to couple, secured against accidental opening, locking nut and safety clips according to DIN 11024
- Maximum bore for maximum flow capacity

• For absolutely safe air lines in construction and industry

Materials

- Claw: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Connector: Steel zinc-plated and yellow passivated (free of chrome VI)
- Locking nut: Brass MS 58 plain
- O-rings: Buna N

Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 16 bar	-40°C – +95°C	NPT/ISO 228	41 mm	Compressed air	5

US-MODY-Safety-Hose Couplings with safety collar

Hose connection	L	B	L1	Ø Collar	Passage	Weight	Type No.
Hose i.D. 10	111	62	41	21	6.5	320	SSC 10
Hose i.D. 13	118	62	41	24	10	360	SSC 13
Hose i.D. 19	120	62	40.5	34	15	385	SSC 19
Hose i.D. 25	120	62	40.5	39	18	420	SSC 25

For US-hose clamps (j page 314)

US-MODY-Safety Female Couplings

Thread connection	L	B	L1	Passage	Weight	Type No.
G 3/8 f	64	62	13	13	250	SSCI 38
NEW! NPT 3/8 f	64	62	13	13	252	SSCI 38 NPT
G 1/2 f	65	62	15	17	280	SSCI 12
NEW! NPT 1/2 f	65	62	15	17	290	SSCI 12 NPT
G 3/4 f	92	62	20	17	420	SSCI 34
NEW! NPT 3/4 f	92	62	20	17	420	SSCI 34 NPT

US-MODY-Safety Male Couplings

Thread connection	L	B	L1	Passage	Weight	Type No.
G 3/8 m	72	62	13	10	260	SSCA 38*
NEW! NPT 3/8 m	72	62	13	10	270	SSCA 38 NPT
G 1/2 m	74	62	14	13	260	SSCA 12*
NEW! NPT 1/2 m	74	62	14	13	270	SSCA 12 NPT
G 3/4 m	75	62	15	17	270	SSCA 34*
NEW! NPT 3/4 m	75	62	15	17	280	SSCA 34 NPT

*with LÜDSY- Thread sealing

Original MODY-Rubber Rings – Standard Version

Resistance	L	D	D1	Material	Temp.°C	Media	Colour	Shore A		Weight	Type No.
Oil	4	30	21	Buna N	-40 – +95	Compr.air	black	75°	50	1.7	SGOR-N
Steam	4	30	21	TFEP	-40 – +200	Steam	red	65°	10	1.7	SDOR-N

Complete Screwing Sets

DIN 8537/20 033 with Hose Stem

- Complete Screwing Sets of steel / malleable iron, zinc-plated and yellow passivated (free of chrome VI) consisting of connecting nut and tapered stem
- Complete Screwing Sets with safety collar and turned stem profile for perfect fit of the hose
- Tapered stems with cone 1:3 generally with additional O-ring sealing
- Suitable for connecting nipples (© page 250/ 251)
- World-wide used system for compressed air, water, etc. in construction, mining or tunneling.

Materials

- Tapered stem: Steel or malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Connecting nut: : Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N

Max. Working Pressure	Temperature	Thread	Norm	Media
PN 16 / 25 bar	- 40°C – + 95°C	ISO 228 / DIN 405	DIN 8537 / 20 033	Compr.air/Water

Complete Screwing Sets with safety collar

Hose connect.	Thread connect.	L	B	Cone	Ø Collar	Passage	Weight	Type No.
Hose i.D. 13	G 3/4 f	79	58	1:4	21	10	166	34/13 S
Hose i.D. 15	G 3/4 f	79	58	1:4	26	12	175	34/15 S
Hose i.D. 19	G 3/4 f	80	58	1:4	33	13	200	34/19 S
Hose i.D. 19	G 1 f	85	65	1:3	33	15	244	10/19 S
Hose i.D. 25	G 1 f	90	65	1:3	38	16	290	10/25 S
Hose i.D. 13	Rd 32x1/8 f	83	65	1:3	22	10	249	32/13 S
Hose i.D. 15	Rd 32x1/8 f	85	65	1:3	26	12	229	32/15 S
Hose i.D. 19	Rd 32x1/8 f	85	65	1:3	33	15	251	32/19 S
Hose i.D. 25	Rd 32x1/8 f	90	65	1:3	38	16	310	32/25 S
Hose i.D. 25	Rd 38x1/8 f	98	76	1:3	38	19	426	38/25 S
Hose i.D. 32	Rd 46x1/6 f	124	86	1:3	50	25	685	46/32 S
Hose i.D. 35	Rd 55x1/6 f	131	95	1:3	55	30	829	55/35 S
Hose i.D. 38	Rd 55x1/6 f	131	95	1:3	55	31	864	55/38 S
Hose i.D. 42	Rd 62x1/6 f	139	105	1:3	63	35	1216	62/42 S
Hose i.D. 38	Rd 75x1/6 f	140	137	1:3	55	31	1420	75/38 S
Hose i.D. 50	Rd 75x1/6 f	149	137	1:3	77	45	1725	75/50 S
Hose i.D. 53	Rd 75x1/6 f	149	137	1:3	77	45	1848	75/53 S
Hose i.D. 75	Rd 105x1/4 f	206	158	1:3	110	67	3974	105/75 S

For hose clamps DIN 20039 B, type SK (© page 313)

For higher temperatures we recommend steam screwings DIN EN 14 423 (© page 250)

FlatLock Flat Hose Screwings (© page 182)

We produce flat hose fittings according to hose samples/dimensions with assembly recommendation for hydraulic crimping with crimping ferrules, safety clamps, wire or steel band. Various types on stock!



Connecting Nuts and Tapered Stems

DIN 8537/20 033

- Screwings with cone of steel / malleable iron, zinc-plated and yellow passivated (free of chrome VI), consisting of connecting nut and tapered stem without safety collar
- Turned stem profile for perfect fit of the hose
- Tapered stems with cone 1:3 generally with additional O-ring sealing
- Suitable for connecting nipples (© Page 184/ 185)
- World-wide used system for compressed air, water, etc. in construction, mining or tunneling.

Max. Working Pressure	Temperature	Media
PN 16 / 25 bar	- 40°C – + 95°C	Compr.air / Water

Connecting Nuts of malleable iron corresponding to →

Thread connection	L	B	Passage		Weight	Type No.
G 3/4 f	23	58	21.5	10	92	UM 34
G 1 f	28	65	23	10	133	UM 10
Rd 32x1/8 f	28	65	23	10	139	UM 32
Rd 32x1/8 f	28	65	27.5	10	129	UM 32/2
G 1 f	28	65	27.5	10	124	UM 10/2
Rd 38x1/8 f	33	76	29	10	234	UM 38
Rd 46x1/6 f	36	86	35	1	301	UM 46
Rd 55x1/6 f	38	95	43	1	378	UM 55
Rd 62x1/6 f	44	105	49	1	555	UM 62
Rd 75x1/6 f	50	137	61	1	797	UM 75
Rd 105x1/4 f	60	158	89	1	1545	UM 105



Materials

- Connecting nut: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Tapered stem: Steel zinc-plated and yellow passivated (free of chrome VI)
- O-ring: Buna N

Tapered stems of steel

Hose connection	L	B	Cone		Weight	Type No.
Hose i.D. 13	79	24	1:4	10	74	T 13 B
Hose i.D. 15	79	24	1:4	10	72	T 15 B
Hose i.D. 19	80	24	1:4	10	94	T 19 B
Hose i.D. 13	80	28	1:3	10	104	ST 13 B
Hose i.D. 15	80	28	1:3	10	83	ST 15 B
Hose i.D. 19	80	28	1:3	10	100	ST 19 B
Hose i.D. 19	80	28	1:3	10	105	ST 19 B-PH*
Hose i.D. 13	80	28	1:3	10	104	ST 13 B
Hose i.D. 15	80	28	1:3	10	83	ST 15 B
Hose i.D. 19	80	28	1:3	10	100	ST 19 B
Hose i.D. 19	80	28	1:3	10	109	ST 19 B-PH*
Hose i.D. 25	85	29	1:3	10	163	ST 25 B/3
Hose i.D. 25	85	30	1:3	10	148	ST 25 B/2
Hose i.D. 25	90	33	1:3	10	164	ST 25 B
Hose i.D. 25	88.5	33	1:3	10	200	ST 25 B-PH*
Hose i.D. 32	120	40	1:3	1	355	ST 32 B
Hose i.D. 38	125	48	1:3	1	465	ST 38 B
Hose i.D. 38	110	48	1:3	1	420	ST 38 B-PH*
Hose i.D. 42	130	57	1:3	1	558	ST 42 B
Hose i.D. 50	140	68	1:3	1	896	ST 50 B
Hose i.D. 53	140	68	1:3	1	947	ST 53 B
Hose i.D. 75	189	98	1:3	1	1990	ST 75 B

For hose clamps DIN 20039 A, type SL (☺ page 313)

*for hydraulic crimping with socket (☺ page 191)

other types also available on request!



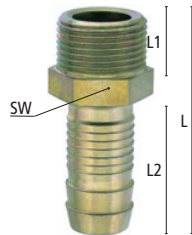
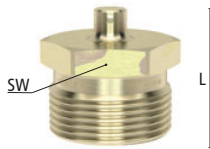
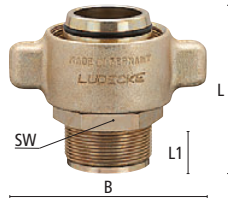
Complete Screwing Sets

DIN 20 033 with Male Thread

- Screwings with cone made of steel/malleable iron, zinc-plated and yellow passivated (free of chrome VI), consisting of connecting nut and tapered nipple
- Complete Screwing Set for the direct connection of thread to machine/tool
- Tapered nipple with cone 1:3 generally with additional O-ring sealing
- **World-wide used system for compressed air in construction, mining and tunnelling**

Materials

- Tapered stem: Steel zinc-plated and yellow passivated (free of chrome VI)
- Connecting nut: Malleable iron zinc-plated and yellow passivated
- O-rings: Buna N



Max. Working Pressure	Temperature	Thread	Norm	Cone	Media	
PN 16 / 25 bar	- 40°C – + 95°C	ISO 228 / DIN 405	DIN 20 033	1:3	Compressed Air	1

Complete Screwing Sets with male thread

Thread connection	L	SW	B	L1	Passage	Weight	Type No.
G 1 1/4 m - RD 55x1/6 f	87	50	95	20	32	890	55/54 A
G 2 m - RD 75x1/6 f	115	65	137	30	45	1850	75/20 A

Other dimensions on request.

Screw Caps for Complete Screwing Sets DIN 20 033

Thread connection	L	SW		Weight	Type No.
Rd 75 x 1/6 f	75	75	5	1009	VS 75

With hexagon to facilitate the assembly.

Other dimensions on request.

Male thread stems with cone

Hose connect.	Thread connect.	L	SW	L1	L2	Passage		Weight	Type No.
Hose i.D. 25	Rd 38x1/8 m	75	41	23	41	20	10	210	G 38-25 T
Hose i.D. 38	Rd 55x1/6 m	95	55	32	50	33	1	800	G 55-38 T*
Hose i.D. 50	Rd 75x1/6 m	117	75	40	65	45	1	1120	G 75-50 T*
Hose i.D. 53	Rd 75x1/6 m	117	75	40	65	47	1	1140	G 75-53 T*

*with safety collar

Suitable for Complete Screwing Sets.

For hose clamps DIN 20039 A, type SL (© page 313)

Further dimensions on request.

Complete Screwing Sets

Flat Sealing. Compatible to Type "Atlas Copco"

- Screwings made of steel/malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- Consisting of connecting nut and flat sealing hose stem with O-ring
- Complete Screwing Sets with turned stem profile for perfect fit of the hose
- Further hose assembly methods, for example with crimping ferrules or safety clamps, and also other dimensions on request
- Popular screwing system for compressed air in mining and tunnelling
- Interchangeable with Screwing System type "Atlas Copco"

Materials

- Hose stem: Steel zinc-plated and yellow passivated (free of chrome VI)
- Connecting nut: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N

Max. Working Pressure	Temperature	Media	Thread	
PN 16 / 25 bar	- 40°C – + 95°C	Compressed air, Water	DIN 405	1

Complete Screwing Sets flat sealing

Hose connection	Thread connection	L	B	Passage	Weight	Type No.
Hose i.D. 50	RD 65x1/6 f	166	105	45	1300	65/50 FL
Hose i.D. 53	RD 65x1/6 f	166	105	47	1320	65/53 FL

For hose clamps DIN 20 039 A, type SL (☺ page 313)

Single Connecting Nuts

Thread connection	L	B	Passage	Weight	Type No.
Rd 65 x 1/6 f	36	105	56.5	555	UM 65

Single Hose stems, flat sealing

Hose connection	L	Passage	Weight	Type No.
Hose i.D. 50	166	45	745	FT 50 L
Hose i.D. 53	166	48	765	FT 53 L

For hose clamps DIN 20 039 A, type SL (☺ page 313)

Rubber rings for flat sealing hose stems

Resistance	L	D	Material	Temp. °C	Media	Shore A	Weight	Type No.
Oil	3	55	Buna N	-40°C - +95°C	Compressed air	65 °	2	ED 50 L



Double Nipples Flat Sealing

- Nipples made of steel, zinc-plated and yellow passivated (free of chrome VI)
- Suitable for flat sealing Complete Screwings (☺ above)
- For the direct connection of fitting to machine/tool for compressed air in mining and tunnelling

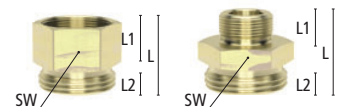
Materials

- Double Nipples: Steel zinc-plated and yellow passivated (free of chrome VI)

Max. Working Pressure	Temperature	Thread	Media	
PN 25 bar	- 40°C – + 95°C	ISO 228 / DIN 405	Compressed air	1

Double nipples, flat sealing, with male/ male thread or rather male/ female thread

Thread connection	L	SW	L1	L2	Weight	Type No.
G 1 1/4 m - RD 65x1/6 m	58	65	22	20	665	N 6554 A
G 1 1/2 m - RD 65x1/6 m	58	65	22	20	675	N 6515 A
G 2 m - RD 65x1/6 m	58	65	22	20	680	N 6520 A
G 2 f - RD 65x1/6 m	55	65	25	20	650	N 6520 I
RD 75 x 1/6 m - RD 65x1/6 m	77	75	41	20	1192	N 6575 A





- MODY-Safety-Screwing-Couplings, thread and complete screwing with squeeze ring and thread ferrule for an absolutely safe connection of flat hoses for compressed air 3/4 to 1 1/2 inch
- The exact version (size of squeeze ring) always has to be adapted for the used flat hose
- Please indicate exact dimensions or samples of the hose before ordering
- Usable for compressed air applications in construction, mining and tunneling

Materials

- Claw, Connecting nut: Malleable iron zinc-plated und yellow passivated (free of Chrome-VI)
- Connector, Squeeze ring, squeeze nut: Steel zinc-plated und yellow passivated (free of Chrome-VI)
- Locking nut: Brass MS 58 plain
- Seals: Buna N

Max. Working Pressure	Temperature	Thread	Norm	Media
PN 16/25 bar	-40°C – +100°C	ISO 228/DIN 405	DIN 3238/20033	Air a.o.

FlatLock Squeeze Ring Screwing with male thread connection

Hose connect.	Thread connect.	L	SW	L1	SW1	Passage		Weight	Type No.
Hose i.D. 19	G 3/4 m	65	32	13	32	17	5	205	G 34-19...FLTQ
Hose i.D. 25	G 1 m	65	36	14	41	22	5	290	G 10-25...FLTQ

FlatLock Squeeze Ring Screwing with female thread connection

Hose connect.	Thread connect.	L	SW	SW1	Passage		Weight	Type No.
Hose i.D. 19	G 3/4 i	60	32	32	17	5	195	GI 34-19...FLTQ
Hose i.D. 25	G 1 i	61	36	41	22	5	265	GI 10-25...FLTQ

FlatLock Squeeze Ring Screwing with MODY-safety claw coupling DIN 3238

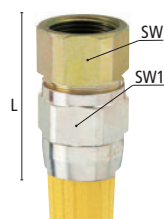
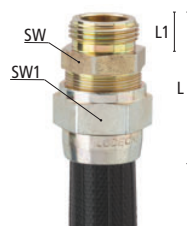
Hose connection	L	SW	B	Passage		Weight	Type No.
Hose i.D. 19	118	32	63	17	5	550	SSG 19...FLTQ
Hose i.D. 25	129	41	63	17	5	630	SSG 25...FLTQ

FlatLock Squeeze Ring Screwing with complete screwing Set DIN 20033

Hose connect.	Thread connect.	L	SW	B	Cone	Passage		Weight	Type No.
Hose i.D. 38	RD 55x1/6 f	150	55	95	1:3	31	1	1500	55/38...FLTQ

Adaptable with conical nipples(©page 184 / 185)

Further fittings and hose dimensions on request.



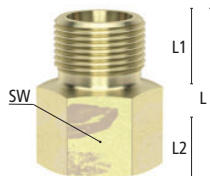
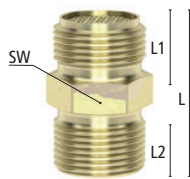
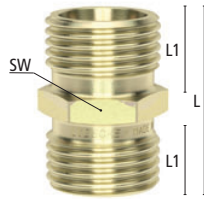


Connecting Nipples

- Nipples of steel or malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- Suitable for screwings (☺ page 246 - 248) DIN 8537/20033
- Worldwide used system for compressed air, water etc. in construction, mining and tunneling

Materials:

- Connecting nipples: Steel or malleable iron zinc-plated and yellow passivated (free of chrome VI)



Max. Working Pressure	Thread	Media
PN 25 bar	ISO 228 / DIN 405	Compressed air / water

Double Nipples DIN 8537/20036

Thread connection	L	SW	L1	Cone	☒	Weight	Type No.
2 x G 3/4 m	47	27	19	2 x 1:4	10	107	V 34 N
2 x G 3/4 m	47	32	19	2 x 1:4	10	125	V 34-32 N
2 x G 1 m	55	36	23	2 x 1:3	10	197	V 10 N
2 x Rd 32x1/8 m	55	32	23	2 x 1:3	10	163	V 32 N
2 x Rd 38x1/8 m	62	41	26	2 x 1:3	10	283	V 38 N
2 x Rd 46x1/6 m	70	46	30	2 x 1:3	1	410	V 46 N
2 x Rd 55x1/6 m	78	55	32	2 x 1:3	1	648	V 55 N
2 x Rd 62x1/6 m	88	65	36	2 x 1:3	1	869	V 62 N
2 x Rd 75x1/6 m	100	75	41	2 x 1:3	1	1490	V 75 N
2 x Rd 105x1/6 m	122	105	51	2 x 1:3	1	2990	V 105 N

Sieve Nipples DIN 20037

Thread connection	L	SW	L1	L2	Cone	Sieve	☒	Weight	Type No.
G 3/8 m - G 3/4 m	38	27	10	19	1:4	inner	10	84	N 38 IS
G 1/2 m - G 3/4 m	40	27	12.5	19	1:4	inner	10	85	N 23 IS
G 1/2 m - Rd 32x1/8 m	44	32	12.5	23	1:3	inner	10	126	N 82 IS
G 3/4 m - G 3/4 m	44	27	16	19	1:4	inner	10	104	N 34 IS
G 3/4 m - G 3/4 m	44	32	16	19	1:4	inner	10	120	N 34-32 IS
G 3/4 m - Rd 32x1/8 m	48	32	16	23	1:3	inner	10	135	N 32 IS
G 3/4 m - G 1 m	48	36	16	22	1:3	inner	10	173	N 341 IS
G 3/4 m - G 3/4 m	44	27	16	23	1:4	outer	10	100	N 34 AS
G 3/4 m - G 3/4 m	44	32	16.5	19	1:4	outer	10	120	N 34-32 AS
G 3/4 m - Rd 32x1/8 m	48	32	16.5	19	1:3	outer	10	130	N 32 AS
G 3/4 m - Rd 32x1/8 m	48	32	16.5	23	1:3	without	10	142	N 32 OS
G 1 m - Rd 32x1/8 m	49	36	16	22	1:3	inner	10	193	N 132 IS
G 1 m - Rd 34x1/8 m	54	41	18	26	1:3	without	10	252	N 18 OS
G 1 m - Rd 46x1/6 m	58	46	18	30	1:3	without	1	345	N 46-10 OS
G 1 1/4 m - Rd 46x1/6 m	58	46	18	30	1:3	without	1	331	N 46-54 OS
G 1 1/2 m - Rd 46x1/6 m	63	50	23	30	1:3	without	1	445	N 46 OS
G 1 1/4 m - Rd 55x1/6 m	63	55	18	32	1:3	without	1	536	N 55-54 OS
G 1 1/2 m - Rd 55x1/6 m	68	55	23	32	1:3	without	1	529	N 55 OS
G 2 m - Rd 55x1/6 m	70	65	25	32	1:3	without	1	860	N 55-20 OS
G 1 1/2 m - Rd 62x1/6 m	75	65	23	36	1:3	without	1	764	N 62 OS
G 2 m - Rd 62x1/6 m	75	65	25	36	1:3	without	1	820	N 62-20 OS
G 1 1/2 m - Rd 75x1/6 m	80	75	23	41	1:3	without	1	1220	N 75-15 OS
G 2 m - Rd 75x1/6 m	85	75	28	41	1:3	without	1	1196	N 75 OS
G 2 1/2 m - Rd 75x1/6 m	85	75	28	41	1:3	without	1	1387	N 75-25 OS
G 3 m - Rd 105x1/4 m	100	105	29	51	1:3	without	1	2290	N 105 OS

Connecting Nipples

Thread connection	L	SW	L1	L2	Cone	☒	Weight	Type No.
G 3/4 f - G 3/4 m	44	32	19	19	1:4	10	126	A 34 N
G 3/4 f - G 1 m	48	36	23	19	1:3	10	200	A 3410 N
G 3/4 f - Rd 32x1/8 m	47	32	21.5	19	1:3	10	136	A 32 N
G 3/4 f - Rd 38x1/8 m	48	41	25	19	1:3	10	270	A 38 N
G 1 f - Rd 32x1/8 m	50	41	23	22	1:3	10	206	A 1032 N
G 1 f - Rd 38x1/8 m	52	41	25	22	1:3	10	239	A 10 N

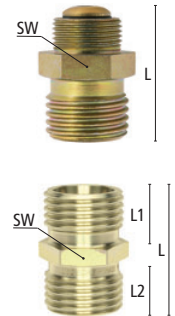
Connecting Nipples

Self-locking Nipple with brass valve

Thread connection	L	SW	Cone		Weight	Type No.
G 3/4 m - Rd 32x1/8 m	49	32	1:3	10	153	SN 32 ST

Combination Nipple

Thread connection	L	SW	L1	L2	Cone		Weight	Type No.
G 1 m - G 3/4 m	51	36	23	19	1:4	10	179	V 1034 N



Hot Tar Screwing

- Hot tar screwing of steel/malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- Easy to screw through wing nut; tapered Stem with safety collar
- [For hose connection on hot tar spraying devices, hot tar lances a.o.](#)

Materials:

- Tapered stem: Steel zinc-plated and yellow passivated (free of chrome VI)
- Wing nut: malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Nipple: Steel zinc-plated and yellow passivated (free of chrome VI)

Max. Working Pressure	Thread	Media	
PN 25 bar	ISO 228	hot tar	1

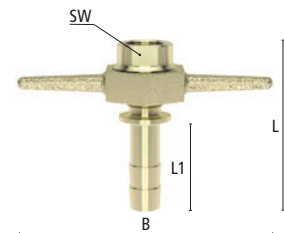
Hot Tar Screwing

Type	Connection	L	B	SW	L1	Passage	Weight	Type No.
Hot tar screwing complete	Hose i.D. 3/4 x G 3/4 f	112	165	32	60	15	506	HTV-SB*
Tapered stem	Hose i.D. 3/4, Cone 1:3					15	200	HTVT-SB*
Wing nut	G 1 1/4 f					-	207	HTVM
Nipple	G 3/4 f x G 1 1/4 m, Cone 1:3					-	99	HTVET

For hose clamps DIN 20039 B, type SK 34 (☎ page 313)

Other sizes on request.

*with safety collar

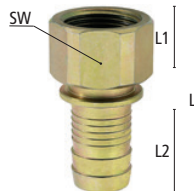
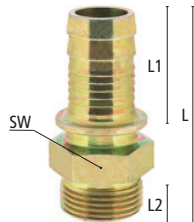
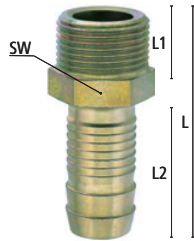


Thread Stems

- Thread stems of steel, zinc-plated and yellow passivated (free of chrome VI)
- Turned stem profile for perfect fit of the hose
- Maximum bore for maximum flow capacity
- Suitable for compressed air and other fluids in construction, industry or plant engineering

Materials

- Thread stem: Steel zinc-plated and yellow passivated (free of chrome VI)



Max. Working Pressure	Thread	Media
PN 16 / 25 bar	ISO 228 / DIN 405	Compressed air

Male thread stems without safety collar*

Hose connect.	Thread connect.	L	SW	L1	L2	Passage		Weight	Type No.
Hose i.D. 9	G 1/4 m	44	14	9	28	6	10	22	G 14-9 T
Hose i.D. 10	G 3/8 m	45	19	10	28	7	10	31	G 38-10 T
Hose i.D. 13	G 1/4 m	44	17	9	28	8.5	10	35	G 14-13 T
Hose i.D. 13	G 3/8 m	45	19	10	28	10	10	35	G 38-13 T
Hose i.D. 13	G 1/2 m	65	22	15	41	10	10	60	G 12-13 T
Hose i.D. 13	G 3/4 m	65	27	16	41	10	10	85	G 34-13 T
Hose i.D. 15	G 3/8 m	48	22	10	41	10	10	45	G 38-15 T
Hose i.D. 15	G 1/2 m	65	22	15	41	12	10	62	G 12-15 T
Hose i.D. 15	G 3/4 m	65	27	16	41	12	10	92	G 34-15 T
Hose i.D. 19	G 1/2 m	65	22	15	41	14	10	82	G 12-19 T
Hose i.D. 19	G 3/4 m	65	27	16	41	15	10	99	G 34-19 T
Hose i.D. 25	G 3/4 m	65	27	16	39	19	10	118	G 34-25 T

*PN 16 bar

For hose clamps DIN 20039 A, type SL (☹ page 313)

Male thread stems with safety collar**

Hose connect.	Thread connect.	L	SW	L1	L2	ØSafety collar	Passage		Weight	Type No.
Hose i.D. 13	G 1/2 m	73	22	40	15	22	10	10	75	G 12-13 TB
Hose i.D. 19	G 3/4 m	72	32	40	15	32	15	10	142	G 34-19 TB
Hose i.D. 19	G 1 m	74	36	40	17	32	15	10	175	G 10-19 T
Hose i.D. 25	G 1 m	80	36	41	17	36	20	10	220	G 10-25 T
Hose i.D. 25	G 1 1/4 m	90	46	48	18	39	20	5	321	G 54-25 T
Hose i.D. 32	G 1 1/4 m	92	46	48	20	45	25	5	406	G 54-32 T
Hose i.D. 38	G 1 1/2 m	100	55	51	22	53	33	1	532	G 15-38 T
Hose i.D. 42	G 1 1/2 m	100	55	51	22	54	35	1	571	G 15-42 T
Hose i.D. 50	G 2 m	125	65	72	25	64	42	1	943	G 20-50 T
Hose i.D. 53	G 2 m	125	75	72	25	74	44	1	1123	G 20-53 T
Hose i.D. 75	G 3 m	185	90	120	30	95	68	1	2033	G 30-75 T

**PN 25 bar

For hose clamps DIN 20039 B, type SK (☹ page 313)

Female thread stems with safety collar**

Hose connect.	Thread connect.	L	SW	L1	L2	ØSafety collar	Passage		Weight	Type No.
Hose i.D. 19	G 3/4 f	71	32	19	40	32	15	10	134	G 34-19 TI
Hose i.D. 19	G 1 f	73	41	20	40	32	15	10	197	G 10-19 TI
Hose i.D. 25	G 1 f	75	41	20	41	36	20	10	227	G 10-25 TI
Hose i.D. 25	G 1 1/4 f	80	50	23	41	36	20	5	323	G 54-25 TI
Hose i.D. 32	G 1 1/4 f	86	50	23	48	45	25	5	390	G 54-32 TI

**PN 25 bar

For hose clamps DIN 20039 B, type SK (☹ page 313)

Hose Connections and Thread Ferrule Screwings

- Hose connections of steel, zinc-plated and yellow passivated (free of chrome VI)
- Simple and safe hose connection with turned stem profile
- Male thread nipples with thread ferrule reusable!
- Maximum bore for maximum flow capacity
- Suitable for compressed air and other fluids in various fields

Materials:

- Connection, screwing: Steel zinc-plated and yellow passivated (free of chrome VI)

Max. Working Pressure	Media
PN 16 / 25 bar	Compressed air a.o.

Hose Connections DIN 20038 without safety collar*

Hose connection	L	D	Passage	Weight	Type No.
Hose i.D. 10	75	11	8	25	SV 10 R
Hose i.D. 13	80	13.5	9	44	SV 13 R
Hose i.D. 15	105	17	12.5	73	SV 15 R
Hose i.D. 19	105	21	16	93	SV 19 R
Hose i.D. 25	160	26.5	22	166	SV 25 R
Hose i.D. 32	175	33.5	27	351	SV 32 R
Hose i.D. 38	215	40	33	430	SV 38 R
Hose i.D. 50	225	51	45	670	SV 50 R
Hose i.D. 53	225	54	46	960	SV 53 R

*PN 16 bar

For hose clamps DIN 20039 A, type SL (© page 313)

Hose Connections DIN 20038 with safety collar**

Hose connection	L	D	L1	ØSafety collar	Passage	Weight	Type No.
Hose i.D. 13	80	13.5	38.5	25	9	48	SV 13 R/S
Hose i.D. 15	105	17	50.5	30	12.5	77	SV 15 R/S
Hose i.D. 19	105	21	51.5	34	16	107	SV 19 R/S
Hose i.D. 25	160	26.5	78.5	42	22	170	SV 25 R/S
Hose i.D. 32	175	33.5	60	50	27	382	SV 32 R/S
Hose i.D. 38	215	40	96	56	33	490	SV 38 R/S
Hose i.D. 50	225	51	110	78	45	870	SV 50 R/S
Hose i.D. 53	225	54	110	78	46	1126	SV 53 R/S
Hose i.D. 75	250	76	120	110	68	1811	SV 75 R/S

**PN 25 bar

For hose clamps DIN 20039 B, type SK (© page 313)

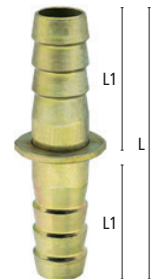
Male thread nipples with thread ferrule (according to DIN EN 14424)*

Hose connect.	Thread connect.	L	SW	L1	SW1	L2	Passage	Weight	Type No.
Hose 13x3	G 1/2 m	50	22	12	22	27	11	102	G 12-133 TQ
Hose 13x5	G 1/2 m	50	22	12	22	27	11	104	G 12-135 TQ
Hose 15x5	G 3/4 m	52	27	13	27	30	13	140	G 34-155 TQ
Hose 19x5	G 3/4 m	52	27	13	27	30	17	170	G 34-195 TQ
Hose 19x6	G 3/4 m	52	27	13	27	30	17	180	G 34-196 TQ
Hose 25x5	G 1 m	58	36	14	36	36	22	220	G 10-255 TQ
Hose 25x7	G 1 m	58	36	14	36	36	22	230	G 10-257 TQ

*PN 16 bar

Assembly instructions for thread ferrules (© page 433)

Other sizes on request.





Mortar Couplings made of Aluminium

Type Size X25, rigid and swivelling

- Couplings with female thread, optionally rigid or swivelling
- Mainly used directly at the spraying nozzle, 60 % weight reduction compared with steel version, therefore essentially easier application
- Swivelling Version three parts, lead in teflon slide, therefore extremely robust and tight
- **Swivelling concept avoids hose twist of the rigid mortar hoses for much easier application**

Materials:

- Female thread: Aluminium
- Handles: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N, PTFE, PUR*



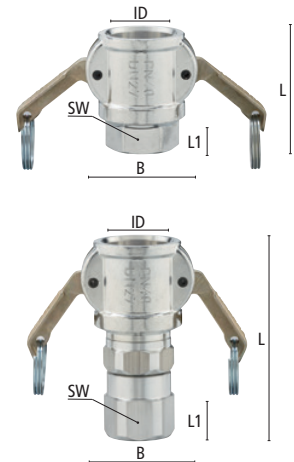
Max. Working Pressure	Thread	System	TÜV-inspected	Media	
PN 40 bar	ISO 228	X25	all types	Mortar/concrete	1

Coupling with female thread

Thread connection	L	SW	B	Type-Size	ID	L1	Passage	System	Weight	Type No.
G 1 f	72	41	70	X25	42	19	25	rigid	290	MIG 10-X25A
G 1 f	120	41	70	X25	42	21	23	swivelling	405	MIG 10-X25ADR*

Rubber rings Type No. MDR-X25 and handles Type No. MNH-630 (© page 191)

*Female thread sealing ring material polyurethane



Mortar Couplings

made of Malleable Iron/ Steel - Interchangeable with System "Mai"

Materials:

- Female thread, handle: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- Male thread: Steel zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N

Max. Working Pressure	Thread	Media	
PN 50 bar	ISO 228	Mortar/concrete	1

Coupling with female thread and 1 handle

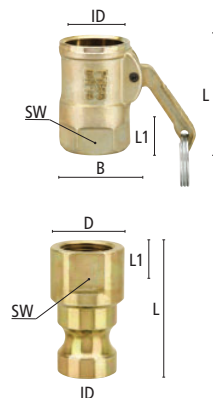
Thread connection	L	SW	B	ID	L1	Passage	Weight	Type No.
G 1 f	70	41	55	38	16	25	375	MIG 10-MA

Rubber rings, type no. EDR-100-BU (© page 332)

Plug with female thread

Thread connection	L	SW	D	ID	L1	Passage	Weight	Type No.
G 1 f	80	41	46	37.5	18.5	25	405	VIG 10-MA

For hose connection use screwing stems for steel band (© page 259) or crimping ferrules (© page 191)

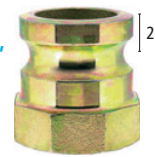


Mortar Couplings

made of Malleable Iron/ Steel, Rigid and Swivelling - Standard Version



- Couplings of malleable iron / steel, zinc-plated and yellow passivated (free of chrome VI)
- Turned stem profile for perfect fit of the hose (On request according to drawing or hose sample)
- Attention: Only same type-size and same system interchangeable!
- For mortar and concrete lines on pumps, spraying- devices, plastering machines a.o.
- Other swivelling types on request!
- Swivelling Version three parts, lead in teflon slide, extremely robust and tight
- Avoids hose twist of the rigid mortar hoses for much easier application



System 22
(for all type-sizes except 42)



System 23.5
(only type-sizes 35 and 50!)

Max. Working Pressure	Thread	TÜV-inspected	Media	
PN 50 bar	all types	all types	Mortar/concrete	1

Couplings with hose stem (full passage)

										System 22	System 23.5
Hose connect.	L	B	Type-Size	ID	L1	Passage	System	Weight		Type No.	Type No.
Hose i.D. 25	120	55	25	35.5	67	20	rigid, 1 Handle	477		MST 25	Same dimension
Hose i.D. 25	138	74	X25	42	64	25	rigid, 2 Handles	778		MST-X25	Same dimension
Hose i.D. 35	132	77	35	51	75	29	rigid, 2 Handles	795		MST 35	MST 35-N
Hose i.D. 35	152	77	35	51	68	30	swivelling, 2 Handles	970		MST 35-DR	MST 35-DR-N
Hose i.D. 38	146	77	35	51	64	33	rigid, 2 Handles	903		MST 38/35	MST 38/35-N
Hose i.D. 42	144	84	42	54	67	38	rigid, 2 Handles	960		MST 42**	Same dimension
Hose i.D. 50	140	94	50	64	83	43	rigid, 2 Handles	1195		MST 50	MST 50-N
Hose i.D. 65	185	105	65	74	98	56	rigid, 2 Handles	2172		MST 65*	Same dimension

Couplings with hose stem (reduced passage)

Hose connect.	L	SW	B	Type-Size	ID	L1	Passage	System	Weight	Type No.	Type No.
Hose i.D. 19	122	41	55	25	35.5	50	16	rigid, 1 Handle	512	MST 25/19 R	Same dimension
Hose i.D. 19	125	41	74	X25	42	50	16	rigid, 2 Handles	760	MST-X25/19 R	Same dimension
Hose i.D. 25	138	50	77	35	51	64	24	rigid, 2 Handles	783	MST 35/25 R	MST 35/25 R-N
Hose i.D. 35	160	70	94	50	64	77	30	rigid, 2 Handles	1495	MST 50/35 R	MST 50/35 R-N
Hose i.D. 42	160	70	94	50	64	77	38	rigid, 2 Handles	1510	MST 50/42 R	MST 50/42 R-N

Couplings with female thread

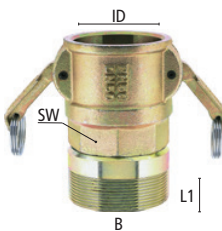
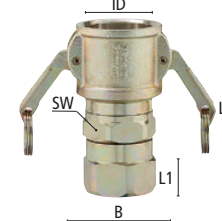
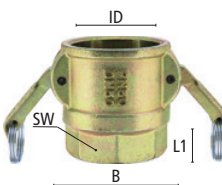
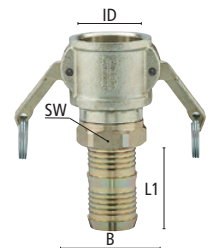
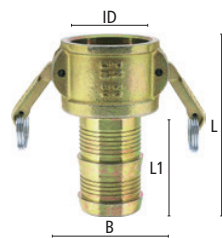
Thr. connect.	L	SW	B	Type-Size	ID	L1	Passage	System	Weight	Type No.	Type No.
G 1 f	70	41	55	25	35.5	18	24	rigid, 1 Handle	410	MIG 10/25	Same dimension
G 1 f	73,5	41	74	X25	42	19	25	rigid, 2 Handles	652	MIG 10-X25	Same dimension
G 1 f	74	50	77	35	51	19	30	rigid, 2 Handles	770	MIG 10/35	MIG 10/35-N
G 1 1/4 f	74	50	77	35	51	19	35	rigid, 2 Handles	648	MIG 54/35	MIG 54/35-N
G 1 1/4 f	125	50	77	35	51	23	33	swivelling, 2 Handles	1170	MIG 54/35-DR	MIG 54/35-N-DR
G 1 1/2 f	74	56	77	35	51	19	35	rigid, 2 Handles	766	MIG 15/35	MIG 15/35-N
G 1 1/2 f	66	60	84	42	54	19	38	rigid, 2 Handles	730	MIG 15/42**	Same dimension
G 2 f	79	70	94	50	64	26	50	rigid, 2 Handles	990	MIG 20/50	MIG 20/50-N
G 2 f	135	70	94	50	64	25	43	swivelling, 2 Handles	1550	MIG 20/50-DR	MIG 20/50-DR-N
G 2 1/2 f	81	84	105	65	74	26	58	rigid, 2 Handles	1027	MIG 25/65*	Same dimension

Couplings with male thread

Thr. connect.	L	SW	B	Type-Size	ID	L1	Passage	System	Weight	Type No.	Type No.
G 1 m	91	41	55	25	35.5	17	24	rigid, 1 Handle	485	MAG 10/25	Same dimension
G 1 m	90	41	74	X25	42	16	25	rigid, 2 Handles	735	MAG 10-X25	Same dimension
G 1 1/4 m	93	50	77	35	51	19	33	rigid, 2 Handles	793	MAG 54/35	MAG 54/35-N
G 1 1/2 m	98	60	84	42	54	22	38	rigid, 2 Handles	935	MAG 15/42**	Same dimension
G 2 m	113	70	94	50	64	25	47	rigid, 2 Handles	1420	MAG 20/50	MAG 20/50-N
G 2 1/2 m	119	84	94	50	64	25	50	rigid, 2 Handles	1620	MAG 25/50	MAG 25/50-N

* max. working pressure for type-size 65 PN 25 bar

**type-size 42 system 17.5 derived from DIN EN 14420-7, DN 40

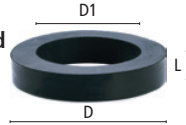


Mortar Couplings



Materials

- Female thread, handle:
Malleable iron, zinc-plated
and yellow passivated (free of
chrome VI)
- O-rings: Buna N
- Hose thread: Steel zinc-plated
and yellow passivated
(free of chrome VI)



Seals of Buna N
55° Shore A



Handle with safety-ring
and slotted pin of malleable
iron zinc-plated and yellow
passivated (free of chrome VI)

Suitable spare parts
(Packing Unit 10 St.)

L	D	D1	Type No.	Type No.
6	36	24,5	MDR 25	MNH-628
6	43.5	28.5	MDR-X25	MNH-630
6	53.5	36.5	MDR 35	MNH-628
6	53.5	36.5	MDR 35	MNH-628
6	53.5	36.5	MDR 35	MNH-628
6.5	55	41	MDR 42	MNH-628
6	67	51	MDR 50	MNH-636
6.3	76	61	MDR 65	MNH-636

L	D	D1	Type No.	Type No.
6	36	24.5	MDR 25	MNH-628
6	43.5	28.5	MDR-X25	MNH-630
6	53.5	36.5	MDR 35	MNH-628
6	67	51	MDR 50	MNH-636
6	67	51	MDR 50	MNH-636

L	D	D1	Type No.	Type No.
6	36	24.5	MDR 25	MNH-628
6	43.5	28.5	MDR-X25	MNH-630
6	53.5	36.5	MDR 35	MNH-628
6	53.5	36.5	MDR 35	MNH-628
6	53.5	36.5	MDR 35	MNH-628
6	53.5	36.5	MDR 35	MNH-628
6.5	55	41	MDR 42	MNH-628
6	67	51	MDR 50	MNH-636
6	67	51	MDR 50	MNH-636
6.3	76	61	MDR 65	MNH-636

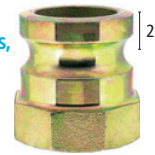
L	D	D1	Type No.	Type No.
6	36	24.5	MDR 25	MNH-628
6	43.5	28.5	MDR-X25	MNH-630
6	53.5	36.5	MDR 35	MNH-628
6.5	55	41	MDR 42	MNH-628
6	67	51	MDR 50	MNH-636
6	67	51	MDR 50	MNH-636

Mortar Plugs

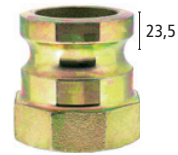
made of Malleable Iron/ Steel, Rigid and Swivelling - Standard Version



- Plugs of malleable iron / steel, zinc plated and yellow passivated (free of chrome VI)
- Turned stem profile for perfect fit of the hose (On request according to drawing or hose sample)
- Attention: Only same type-size and same system interchangeable!
- For mortar and concrete lines on pumps, spraying- devices, plastering machines a.o.
- Other swivelling types on request!
- Swivelling Version three parts, lead in teflon slide, extremely robust and tight
- Avoids hose twist of the rigid mortar hoses for much easier application



System 22
(for all type-sizes except 42)



System 23.5
(only type-sizes 35 and 50!)

Max. Working Pressure	Thread	TÜV-inspected	Media	
PN 50 bar	ISO 228	all types	Mortar/concrete	1

Plugs with hose stem (full passage)								System 22		System 23.5	
Hose connect.	L	Type-Size	ID	L1	Passage	System	Weight	Type No.	Type No.		
Hose i.D. 25	110	25	35	64	20	rigid	270	VST 25	Same dimension		
Hose i.D. 25	120	X25	41	65	24	rigid	385	VST-X25	Same dimension		
Hose i.D. 25	125	X25	41	60	24	swivelling	420	VST-X25-DR	Same dimension		
Hose i.D. 35	120	35	49.5	70	30	rigid	515	VST 35	VST 35-N		
Hose i.D. 35	146	35	49.5	68	30	swivelling	740	VST 35-DR	VST 35-DR-N		
Hose i.D. 38	120	35	49.5	70	33	rigid	470	VST 38/35	VST 38/35-N		
Hose i.D. 42	120	42	53	77	38	rigid	450	VST 42**	Same dimension		
Hose i.D. 50	140	50	63	77.5	42	rigid	925	VST 50	VST 50-N		
Hose i.D. 50	170	50	63	82	43	swivelling	1230	VST 50-DR	VST 50-DR-N		
Hose i.D. 65	156	65	73	98	56	rigid	1352	VST 65*	Same dimension		

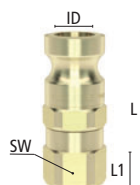
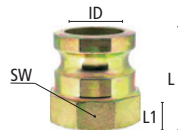
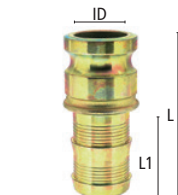
Plugs with hose stem (reduced passage)									
Hose connect.	L	Type-Size	ID	L1	Passage	System	Weight	Type No.	Type No.
Hose i.D. 19	100	X25	41	50	16	rigid	325	VST-X25/19R	Same dimension
Hose i.D. 25	115	35	49.5	64	20	rigid	545	VST 35/25 R	VST 35/25 R-N
Hose i.D. 35	121	50	63	70	30	rigid	830	VST 50/35 R	VST 50/35 R-N
Hose i.D. 42	121	50	63	70	38	rigid	757	VST 50/42 R	VST 50/42 R-N

Plugs with female thread										
Thread connect.	L	SW	Type-Size	ID	L1	Passage	System	Weight	Type No.	Type No.
G 1 f	67	41	25	35	15	20	rigid	280	VIG 10/25	Same dimension
G 1 f	67	41	X25	41	15	25	rigid	345	VIG 10-X25	Same dimension
G 1 f	106	41	X25	41	21	23	swivelling	610	VIG 10-X25-DR	Same dimension
G 1 1/4 f	67	50	X25	41	16	25	rigid	386	VIG 54-X25	Same dimension
G 1 f	63	50	35	49.5	20	30	rigid	521	VIG 10/35	VIG 10/35-N
G 1 1/4 f	68	50	35	49.5	16	33	rigid	461	VIG 54/35	VIG 54/35-N
G 1 1/4 f	120	50	35	49.5	23	33	swivelling	840	VIG 54/35-DR	VIG 54/35-DR-N
G 1 1/2 f	68	55	35	49.5	19	33	rigid	453	VIG 15/35	VIG 15/35-N
G 2 f	74	70	35	49.5	20	33	rigid	665	VIG 20/35	VIG 20/35-N
G 1 1/2 f	62	55	42	53	16	38	rigid	420	VIG 15/42**	Same dimension
G 1 1/4 f	64	65	50	63	22	35	rigid	820	VIG 54/50	VIG 54/50-N
G 1 1/2 f	64	65	50	63	22	44	rigid	678	VIG 15/50	VIG 15/50-N
G 2 f	71	70	50	63	20	45	rigid	620	VIG 20/50	VIG 20/50-N
G 2 f	130	70	50	63	25	43	swivelling	1040	VIG 20/50-DR	VIG 20/50-DR-N
G 2 1/2 f	78	85	50	63	25	45	rigid	960	VIG 25/50	VIG 25/50-N
G 2 1/2 f	78	85	65	73	25	56	rigid	999	VIG 25/65*	Same dimension

*max. working pressure for type-size 65 PN 25 bar

**type-size 42 system 17.5 derived from DIN EN 14420-7, DN 40

Other swivelling types on request



Mortar Plugs

Materials:

- Plug, screwing stem: Steel zinc-plated and yellow passivated (free of chrome VI)
- Coupling, handle: Malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N

										System 22	System 23.5
Plugs with male thread											
Thread connect.	L	SW	Type-Size	ID	L1	System	Passage	Weight	Type No.	Type No.	
G 1 m	76	41	25	35	17	rigid	20	356	VAG 10/25	Same dimension	
G 1 m	76	41	X25	41	17	rigid	24	382	VAG 10-X25	Same dimension	
G 1 1/4 m	83	50	35	49.5	20	rigid	33	527	VAG 54/35	VAG 54/35-N	
G 1 1/2 m	77	55	42	53	20	rigid	38	525	VAG 15/42**	Same dimension	
G 2 m	90	65	50	63	25	rigid	45	950	VAG 20/50	VAG 20/50-N	

Plugs on both sides – system-reducing plug

Type-Size	L	ID	ID1	Passage	Weight	Type No.	Type No.
X25 - 25	90	41	35	20	448	VR X25/25	Same dimension
35 - 25	97	49.5	35	20	654	VR 35-25	VR 35-N-25
35 -X25	100	49.5	41	25	690	VR 35-X25	VR 35-N-X25
42 - X25	90	53	41	25	620	VR 42/X25**	Same dimension
42 - 35	90	53	49.5	33	650	VR 42/35**	VR 42/35-N
50 - X25	100	63	41	25	955	VR 50-X25	VR 50-N-X25
50 - 35	100	63	49.5	33	955	VR 50-35	VR 50-N/35-N
50 - 42	95	63	53	38	983	VR 50/42**	VR 50-N/42

Screwing stems for female thread couplings and plugs

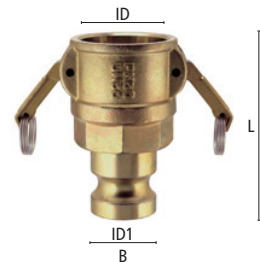
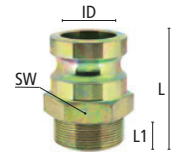
Hose connect.	Thread connect.	L	L1	L2	Passage	Weight	Type No.
Hose i.D. 19	G 1 m	70	18	50	16	106	MST-X25/19T
Hose i.D. 25	G 1 m	83.5	18	64	24	128	MST-X25T
Hose i.D. 35	G 1 1/4 m	91	19	70	30	236	MST-35T
Hose i.D. 38	G 1 1/4 m	91	20	70	33	210	MST-38/35T
Hose i.D. 35	G 2 m	107	27	77	30	506	MST-50/35T
Hose i.D. 42	G 1 1/2 m	97	19	77	38	259	MST-42T
Hose i.D. 42	G 2 m	106	26	77	38	428	MST-50/42T
Hose i.D. 50	G 2 m	110	26	82	42	510	MST-50T
Hose i.D. 65	G 2 1/2 m	130	25	98	56	1145	MST-65T

Couplings with plug – system-reducing-adaptors

Type-Size	L	B	ID	ID1	Passage	Weight	Type No.	Type No.
X25 - 25	132	74	42	35	20	993	MSA-X25/25	Same dimension
35 - X25	133	77	51	41	24	1154	MSA 35/X25	MSA 35-N/X25
42 - 35	135	84	54	49	33	1270	MSA 42/35**	MSA 42/35-N
50 - 35	133	94	64	49	33	1580	MSA 50/35	MSA 50-N/35-N
50 - 42	133	94	64	53	38	1585	MSA 50/42**	MSA 50-N/42

*Handles and seals as spare parts (☎ page 191)

**type-size 42 system 17.5 derived from DIN EN 14420-7, DN 40

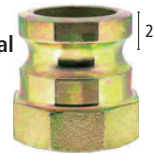


Mortar Couplings and Plugs

made of Malleable Iron/ Steel, Rigid and Swivelling, for Hydraulic Hose Crimping



- For hydraulic crimping with turned steel ferrules
- Safe, closed and unremovable connection of hose and fitting
- Couplings and Plugs of malleable iron/ steel, zinc-plated and yellow passivated (free of chrome VI)
- Turned stem profile for exact fit of the hose
- Stem-profiles, ferrules and crimping dimensions for special hoses on request according to drawings or hose samples
- Swivelling Version three parts, lead in teflon slide, extremely robust and tight
- Avoids hose twist of the rigid mortar hoses for much easier application



System 22
(for all type-sizes except 42)



System 23.5
(only type-sizes 35 and 50!)

Max. Working Pressure	Thread	TÜV-inspected	Media	
PN 50 bar	ISO 288	all types	Mortar/concrete	1

Couplings with hose stem (full passage)

Hose connect.	L	B	Type-Size	ID	Passage	System	Presshül.	Weight	System 22 System 23.5	
									Type No.	Type No.
Hose 25x7	125	55	25	35,5	24	rigid, 2 Handles	PH-X25	540	MSTP 25*	Same dimension
Hose 25x7	128	74	X25	42	24	rigid, 2 Handles	PH-X25	780	MSTP-X25	Same dimension
Hose 35x7	138	77	35	51	30	rigid, 2 Handles	PH-35	910	MSTP 35	MSTP 35-N
Hose 38x7	135	77	35	51	33	rigid, 2 Handles	PH-38	910	MSTP 38/35	MSTP 38/35-N
Hose 42x7	127	84	42	54	38	rigid, 2 Handles	PH-42	974	MSTP 42**	Same dimension
Hose 50x9	145	94	50	64	44	rigid, 2 Handles	PH-50	1480	MSTP 50	MSTP 50-N

Couplings with hose stem (reduced passage)

Hose connect.	L	B	Type-Size	ID	Passage	System	Ferrule	Weight	Type No.	Type No.
Hose 19x6	125	74	X25	42	15	rigid, 2 Handles	PH-19	780	MSTP-X25/19R	Same dimension
Hose 25x7	129	77	35	51	24	rigid, 2 Handles	PH-X25	870	MSTP 35/25 R	MSTP 35/25 R-N
Hose 35x7	140	94	50	64	30	rigid, 2 Handles	PH-35	1480	MSTP 50/35 R	MSTP 50/35 R-N

Plugs with hose stem (full passage)

Hose connect.	L	SW	Type-Size	ID	L1	Passage	System	Ferrule	Weight	Type No.	Type No.
Hose 25x7	100	-	25	35.5	44	20	rigid	PH-X25	305	VSTP 25	Same dimension
Hose 25x7	104	-	X25	41	44	24	rigid	PH-X25	339	VSTP-X25	Same dimension
Hose 25x7	115	41	X25	41	45.5	24	swivelling	PH-X25 DR	380	VSTP-X25-DR	Same dimension
Hose 35x7	107	-	35	49.5	50	30	rigid	PH-35	522	VSTP 35	VSTP 35-N
Hose 35x7	135	50	35	49.5	50	30	swivelling	PH-35 DR	740	VSTP 35-DR	VSTP 35-N-DR
Hose 38x7	107	-	35	49.5	50	33	rigid	PH-38	472	VSTP 38/35	VSTP 38/35-N
Hose 42x7	106	-	42	54	50	38	rigid	PH-42	475	VSTP 42**	Same dimension
Hose 50x9	113	-	50	63	55	44	rigid	PH-50	758	VSTP 50	VSTP 50-N
Hose 50x9	145	65	50	63	55	43	swivelling	PH-50 DR	1020	VSTP 50-DR	VSTP 50-N-DR

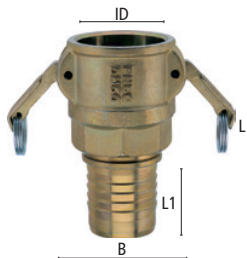
Plugs with hose stem (reduced passage)

Hose connect.	L	Type-Size	ID	L1	Passage	System	Presshül.	Weight	Type No.	Type No.
Hose 19x6	95	25	35.5	40	15	rigid	PH-19	238	VSTP 25/19 R	Same dimension
Hose 19x6	100	X25	41	40	15	rigid	PH-19	345	VSTP-X25/19R	Same dimension
Hose 25x7	102	35	49.5	45	24	rigid	PH-X25	490	VSTP 35/25 R	VSTP 35/25 R-N
Hose 35x7	107	50	63	50	30	rigid	PH-35	820	VSTP 50/35 R	VSTP 50/35 R-N
Hose 42x7	108	50	63	45	38	rigid	PH-42	741	VSTP 50/42 R	VSTP 50/42 R-N

Other swivelling types on request

*type-size 25 with one handle

**type-size 42 system 17.5 derived from DIN EN 14420-7, DN 40



swivelling

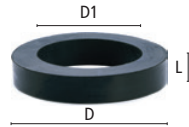
swivelling

swivelling

Mortar Couplings and Plugs

Material:

- Coupling, handle: Malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- Plug, hose stem: Steel zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N



Seals of Buna N
55° Shore A



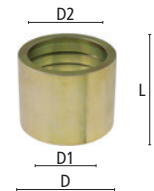
Handle with safety-ring and
slotted pin of malleable
iron zinc-plated and yellow
passivated (free of chrome VI)

Suitable spare parts
(packing Unit: 10 St.)

L	D	D1	Type No.	Type No.
6	36	24.5	MDR 25	MNH-628
6	43.5	28.5	MDR-X25	MNH-630
6	53.5	36.5	MDR 35	MNH-628
6	53.5	36.5	MDR 35	MNH-628
6.5	55	41	MDR 42	MNH-628
6	67	51	MDR 50	MNH-636
L	D	D1	Type No.	Type No.
6	43.5	28.5	MDR-X25	MNH-630
6	53.5	36.5	MDR 35	MNH-628
6	67	51	MDR 50	MNH-636

Crimping Ferrules of turned steel for hydraulic crimping (inner profile exactly suitable to hose stem profile)

Hose connect.	L	D	Type-size	D1	D2	System	Weight	Type No.
Hose 19x6	40	38	19/25	31.5	24.5	rigid	102	PH-19
Hose 25x7	50	50	X25	41	33	rigid	218	PH-X25
Hose 25x7	50	50	X25	41	31.3	swivelling	220	PH-X25 DR
Hose 35x7	55	58	35	49	42.5	rigid	275	PH-35
Hose 35x7	55	58	35	49	41	swivelling	280	PH-35 DR
Hose 38x7	55	61	35	53	45.5	rigid	259	PH-38
Hose 42x7	55	65	42	56	50.5	rigid	313	PH-42
Hose 50x9	60	75	50	68.5	59.5	rigid	302	PH-50
Hose 50x9	60	75	50	68.5	57	swivelling	310	PH-50 DR



Screwing Stems for hydraulic crimping

Hose connect.	Thread connect.	L	D	L1	L2	Passage	Ferrule	Weight	Type No.
Hose 19x6	G 1 m	69.5	24	40	18	15	PH-19	125	MSTP-X25/19T
Hose 25x7	G 1 m	73.5	32.5	45	18	24	PH-X25	120	MSTP-X25T
Hose 35x7	G 1 1/4 m	80	42	50	19	30	PH-35	218	MSTP-35T
Hose 38x7	G 1 1/4 m	80	45	50	19	33	PH-38	223	MSTP-38/35T
Hose 35x7	G 2 m	86	42	50	24	30	PH-35	526	MSTP-50/35T
Hose 42x7	G 1 1/2 m	80	50	50	20	38	PH-42	246	MSTP-42T
Hose 42x7	G 2 m	87	50	50	25	38	PH-42	452	MSTP-50/42T
Hose 50x9	G 2 m	91	59	55	25	41	PH-50	497	MSTP-50T



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

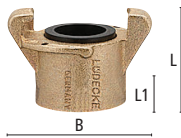
Syst.	Resistance	L	D	D1	Material	Temp.°C	Colour	Shore A		Weight	Type No.
...T	Oil/ Air	10,5	48,5	31	Buna N	-40 – +95	black	60°	10	11	SKD
...TN	Oil/ Air	27	44	31	Buna N	-40 – +95	black	60°	10	20	SKD-1

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	Goarse 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

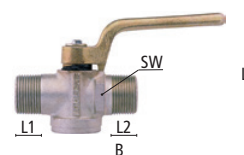
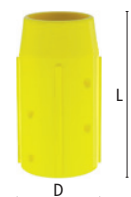
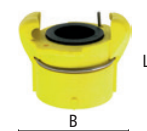
Sandblast Throttle Valve with lever stop, without exhaust, both sides tapered male thread

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





Hose Clamps

Standard Version

- Robust clamps made of malleable iron, zinc plated and yellow passivated (free of chrome VI) or stainless steel 1.4401
- Robust, easy and secure, for various fittings and applications

Materials

- Clamps, Spacers: Malleable iron zinc-plated and yellow passivated (free of chrome VI)/ Stainless steel 1.4401
- Screws: Galvanized steel/ Stainless steel A4-70

Max. Working Pressure	Norm
PN 16 / 25 bar	DIN 20039 A/B

Hose Clamps, made of malleable iron, two parts with overlapping cast-on-spacers

Hose-o.D./		L	B	Screw size		Weight	Type No.
Version	Range						
Hose i.D. 13	22-29	60	17	M 8x30	10	95	S 22
Hose i.D. 19	27-32	70.5	17	M 8x30	10	105	S 34

Hose Clamps DIN 20039 A, made of stainless steel 1.4401, two parts with loose spacers

Hose-o.D./		L	B	Screw size		Weight	Type No.
Version	Range						
Hose i.D. 13	18-26	63	18	M 8x30	5	140	SLE 13
Hose i.D. 19	26-33	71	18	M 8x30	5	160	SLE 19
Hose i.D. 25	32-40	81	18	M 10x35	5	210	SLE 25

Hose Clamps DIN 20039 A, made of malleable iron, two parts with loose spacers

Hose-o.D./		L	B	Screw size		Weight	Type No.
Version	Range						
Hose i.D. 13	22-29	63	18	M 8x30	10	128	SL 29*
Hose i.D. 19	28-34	71	18	M 8x30	10	134	SL 34*
Hose i.D. 25	32-40	81	18	M 10x35	10	188	SL 40*
Hose i.D. 32	39-49	91	20	M 10x35	10	244	SL 49*
Hose i.D. 38	48-60	108	24	M 10x45	5	297	SL 60*
Hose i.D. 50	56-72	116	25	M 10x50	5	340	SL 72
Hose i.D. 50	60-76	127	25	M 10x50	5	405	SL 76*
Hose i.D. 63	77-94	146	30	M 12x55	5	556	SL 94*
Hose i.D. 75	73-94	139	25	M 12x110	1	665	SL 400
Hose i.D. 75	94-115	176	35	M 12x65	1	739	SL 115
Hose i.D. 89	113-127	170	27	M 12x110	1	890	SL 525
Hose i.D. 89	115-145	198	38	M 12x80	1	1046	SL 145
Hose i.D. 100	127-140	178	28	M 12x110	1	972	SL 550
Hose i.D. 100	135-155	194	27	M 12x110	1	984	SL 600
Hose i.D. 125	155-175	217	30	M 12x125	1	1130	SL 675
Hose i.D. 150	175-195	244	30	M 12x125	1	1445	SL 769
Hose i.D. 175	210-225	280	35	M 16x150	1	2163	SL 875
Hose i.D. 200	227-250	312	35	M 16x150	1	2610	SL 988

*according to DIN 20039 A

Hose Clamps DIN 20039 B, made of malleable iron, two parts with loose spacers and safety claws***

Hose-o.D./		L	B	Screw size		Weight	Type No.
Version	Range						
Hose i.D. 13	22-29	63	18	M 8x30	10	142	SK 29
Hose 19x2		63	18	M 8x30	10	140	SK 29 FL**
Hose i.D. 19	28-32	77	21	M 10x35	10	220	SK 34
Hose 25x2		77	21	M 10x35	10	220	SK 34 FL**
Hose i.D. 25	35-42	90	22	M 10x35	10	272	SK 39
Hose i.D. 28	42-45	98	24	M 10x35	5	340	SK 44
Hose i.D. 35	45-53	108	25	M 10x45	5	380	SK 51
Hose i.D. 42	55-60	119	26	M 10x45	1	416	SK 60
Hose i.D. 50	60-73	132	30	M 12x55	1	637	SK 73
Hose i.D. 75	86-102	160	28	M 12x55	1	860	SK 75

**for flat hose

***PN 25 bar



Hose Clamps

US Version

- Robust clamps made of malleable iron, zinc plated and yellow passivated (free of chrome VI)
- Robust, easy and secure, for various fittings and applications

Materials

- Clamps: Malleable iron, zinc-plated and yellow passivated (free of Chrome VI)
- Screws: Galvanized steel



Max. Working Pressure								
PN 25 bar								
US Version Hose Clamps, two parts with safety claws								
Hose-o.D./								
Version	Range	L	B	Screw size	Screws		Weight	Type No.
Hose i.D. 13	21-27	45	55	M 8x35	2	10	171	LB-4
Hose i.D. 19	30-35	43	65	M 8x45	2	10	176	SKA 34
Hose i.D. 19	30-33	64	70	M 10x50	2	1	405	LBU-9
Hose i.D. 19	33-38	70	71	M 10x50	2	1	413	LB-9
Hose i.D. 19	38-43	68	78	M 10x60	2	1	433	LB-10
Hose i.D. 25	34-45	70	85	M 10x50	2	1	500	SKA 10
Hose i.D. 50	63-70	100	120	M 12x80	4	1	1503	LBU-29

Double-Ear Hose Clips

- Clips made of special reliable steel, zinc plated and blue chromated (free of chrome VI)
- Easy and fast assembly with pincer
- Concentric and strong clamp-effect, safe and unremovable
- No risk of injury, closed and unremovable connection
- Suitable for assembly of many hoses and fittings for use with various media

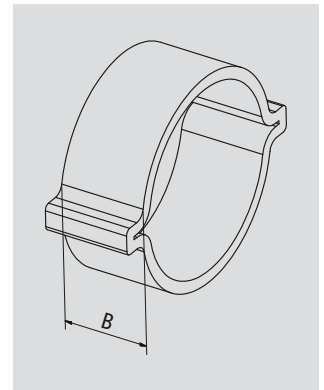
Materials

- Clips: Unbreakable special reliable steel, zinc-plated and blue chromated (free of chrome VI)

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Double-Ear Hose Clips

Hose-o.D./ Range	B	Weight	Type No.
5-7	5.5	1	ZOS 5-7
7-9	6	2	ZOS 7-9
9-11	6	2	ZOS 9-11
11-13	6	3	ZOS 11-13
13-15	7	4	ZOS 13-15
14-17	7.5	4	ZOS 14-17
15-18	8	5	ZOS 15-18
17-20	8	5	ZOS 17-20
19-21	7	5	ZOS 19-21
20-23	9	8	ZOS 20-23
22-25	9	9	ZOS 22-25
23-27	9	9	ZOS 23-27
25-28	9	10	ZOS 25-28
27-31	9	12	ZOS 27-31
31-34	9	13	ZOS 31-34
34-37	9	16	ZOS 34-37
37-40	9	17	ZOS 37-40
40-43	9	18	ZOS 40-43
Special assembly pincer		332	ZOSZ



Heavy Duty Clamps

made of Steel (DIN 3017)

- Heavy duty clamp made of stainless steel 1.4016
- New special screw with integrated distance tube and better performance
- Reinforced band strap and therefore higher torques (very high breaking torque and very high clamping force)
- Mechanical mounting, therefore no welding points and corrosion contact
- Bridge for sustainable hose relief
- Robust band with rounded edges prevents injuries and hose break
- Simple installation (with manual, pneumatic or electrical standard tools)
- Packed in boxes
- For applications with strict requirements for the hose clamps (for the application of suction and compressed air hoses with high degree of hardness or with plastic / steel core)

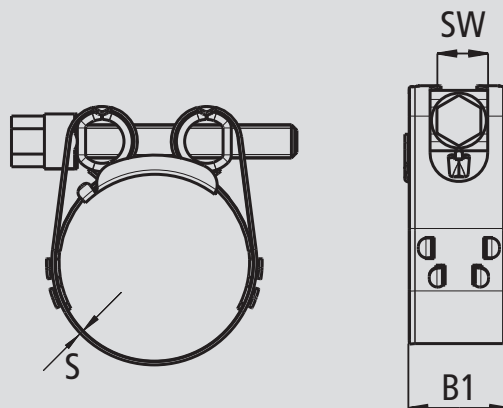
Materials

- Band: Stainless steel 1.4016
- Body, Screws: Steel zinc-plated (free of chrome VI)

Norm
DIN 3017

Heavy Duty Clamps

		torque		Band width	Band thickness		Weight	Type No.
Range								
mm	inch	SW	Max. Nm.	B1	S			
17-19	11/16-3/4	8	8	18	0.6	100	52	GBSM 19
19-21	3/4-13/16	8	8	18	0.6	100	52	GBSM 21
21-23	13/16-15/16	8	8	18	0.6	100	52	GBSM 23
23-25	15/16-1	8	8	18	0.6	100	52	GBSM 25
25-27	1-1 1/16	8	8	18	0.6	50	52	GBSM 27
27-29	1 1/16-1 1/8	8	8	18	0.6	50	52	GBSM 29
29-31	1 1/8-1 1/4	8	8	18	0.6	50	85	GBSM 31
31-34	1 1/4-1 5/16	8	8	18	0.6	50	85	GBSM 34
34-37	1 5/16-1 7/16	8	8	18	0.6	50	85	GBSM 37
37-40	1 7/16-1 9/16	8	8	18	0.6	50	85	GBSM 40
40-43	1 9/16-1 11/16	8	8	18	0.6	50	85	GBSM 43
43-47	1 11/16-1 7/8	10	10	20	0.8	25	85	GBSM 47
47-51	1 7/8-2	10	10	20	0.8	25	85	GBSM 51
51-55	2-2 3/16	10	10	20	0.8	25	115	GBSM 55
55-59	2 3/16-2 5/16	10	10	20	0.8	25	115	GBSM 59
59-63	2 5/16-2 1/2	10	10	20	0.8	25	115	GBSM 63
63-68	2 1/2-2 11/16	10	10	20	0.8	10	115	GBSM 68
68-73	2 11/16-2 7/8	13	20	25	1.0	10	153	GBSM 73
73-79	2 7/8-3 1/8	13	20	25	1.0	10	153	GBSM 79



Ball Valves

Sturdy Version made of Brass Nickel-Plated

- High-quality ball valves for air, water, paint, solvents etc.
- Maintenance-free operation, long-living, sturdy and reliable, easy switching with full free passage, tested of tightness
- [For Industry, Construction and Civil Installations](#)

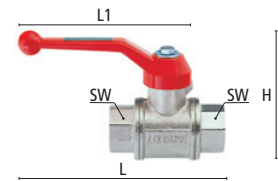
Materials

- Body and Sockets: Brass CW617N sandblasted and nickel-plated
- Spindle and Nut: Brass MS 58 nickel-plated
- Ball: Brass MS 58 chromed
- Ball seals: PTFE
- Spindle seals: FKM
- Handle: Steel red lacquered

Max. Working Pressure	Temperature	Thread	Media	
PN 35 bar	-15°C – +100°C	DIN 2999	Various	1

Ball Valves with female thread DIN 2999

Thread connection	L	SW	H	L1	Passage	Weight	Type No.
2 x R 1/4 f	50	25	78	95	8	296	KM 14 T
2 x R 3/8 f	60	25	78	95	10	302	KM 38 T
2 x R 1/2 f	75	26	82	95	15	390	KM 12 T
2 x R 3/4 f	80	32	90	104	20	682	KM 34 T
2 x R 1 f	90	39	97	104	25	876	KM 10 T
2 x R 2 f	140	70	170	178	50	3700	KM 20 T



Ball Valves

Light Version made of Brass Nickel-Plated

- Ball Valves with full passage and smaller sizes
- For Construction, Industry, Craftmanship, Agriculture or Civil Installations

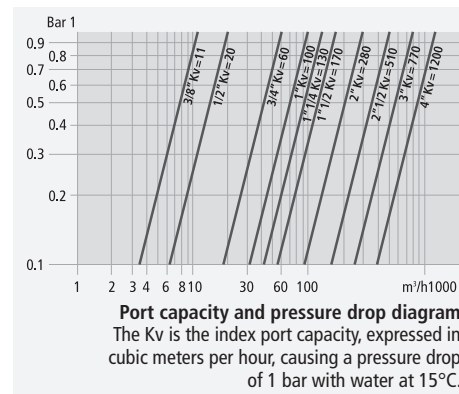
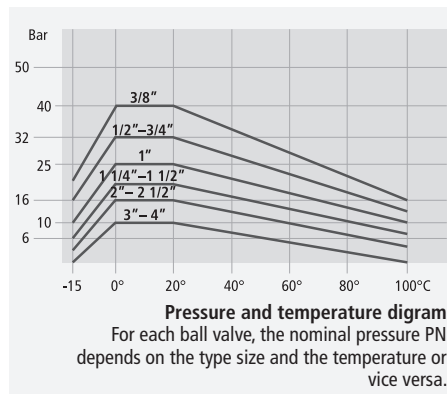
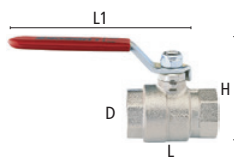
Materials

- Body and Sockets: Forged brass nickel-plated
- Ball: Brass MS 58 chromed
- Spindle seals: FKM
- Spindle and Nut: Brass MS 58 nickel-plated
- Ball seals: PTFE
- Handle: Steel zinc-plated and coated with red PVC

Max. Working Pressure	Temperature	Thread	Passage	Pressure drop	Media	
☉ Diagramm	-15°C – +120°C	ISO 228	☉ Diagram	☉ Diagram	Various	1

Ball Valves with female thread ISO 228

Thread connection	L	H	D	L1	Passage	Weight	Type No.
2 x G 1/4 f	37	41	23	85	8	114	K 14 K
2 x G 3/8 f	42	37	24	85	10	132	K 38 K
2 x G 1/2 f	50	40	30	85	15	180	K 12 K
2 x G 3/4 f	58	48	38	105	20	306	K 34 K
2 x G 1 f	68	52	46	105	25	470	K 10 K
2 x G 1 1/4 f	80	63	58	130	32	813	K 54 K
2 x G 1 1/2 f	93	69	70	130	40	1262	K 15 K
2 x G 2 f	110	83	86	165	50	2100	K 20 K
2 x G 2 1/2 f	133	116	111	260	65	3799	K 25 K
2 x G 3 f	156	127	135	260	80	5625	K 30 K



Double Ball Valves and Airhammer Ball Valves

Sturdy Version made of Brass Plain

- High quality, maintenance free, extremely robust valves made of forging brass
- With lever stop and ventilation, on request also without ventilation
- For compressed air in construction, on compressors and airhammers in the industry

Materials

- Body and Sockets: Brass CW617N
- Spindle and Nut: Brass MS 58 plain
- Ball: Brass MS 58 chromed
- Ball seals: PTFE glass fiber reinforced
- Spindle seals: Buna N
- Handle: Steel red lacquered

Max. Working Pressure	Temperature	Thread	Media	
PN 35 bar	-15°C – +100°C	ISO 228	Compressed air	1

Double Ball Valves

Connection*	Thread connection**	L	SW	H	Passage	Weight	Type No.
2 x G 3/4 m	G 1 f	115	41	105	13	1039	DKH 10
2 x KIGO 34 claw coupling	G 1 f	170	41	130	13	1350	DKH 10 G
2 x KIM 34 claw coupling	G 1 f	170	41	130	13	1435	DKH 10 M

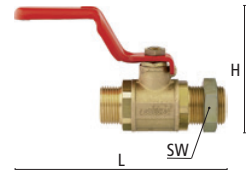
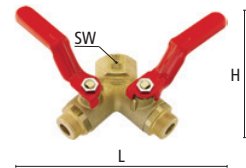
Airhammer Ball Valves, inlet thread with lock nut SW 32, outlet with inside cone 1:4

Connection*	Thread connection**	L	SW	H	Passage	Weight	Type No.
G 3/4 m	G 3/4 m	81	32	82	13	491	BKH 34
KIM 34 claw coupling	G 3/4 m	120	32	82	13	684	BKH 34 M

- On request we produce valves according to your drawings or samples with special connections and seals.
- Also available with T-Handle up to DN 25 e.g. KM 34 TBG
- Please order ball valves used in inspected plants separately, e.g. KM 12 T - AD (after TRB 404)

*Outlet

**Inlet



Throttle Valves

Standard Version

- Extremely robust valves of malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- With brass throttle and handle of malleable iron
- Self sealing, under pressure the conical throttle is pressed against the body, so the valve gets tight, therefore no wear of seals
- With threads or claw couplings with rubber or brass seal
- When switching off pressure drop through exhaust from outlet side, therefore easy and safe coupling
- For compressed air in construction, on compressors, hose lines and air tools

Materials:

- Body, Handle: Malleable iron zinc-plated and yellow passivated (free of chrome VI)
- O-rings: Buna N/ Brass

Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 10 bar	-15°C – +80°C	ISO 228	42 mm	Compressed air	1

Single Valves with lever stop and exhaust

Inlet	Outlet	L	SW	B	Passage	System	Sealing	Weight	Type No.
G 1/2 f	G 3/4 m	77	41	100	15	without coupling		660	EH 12
G 3/4 f	G 3/4 m	70	41	100	17	without Coupling		610	EH 34
G 1 f	G 3/4 m	70	41	100	17	without Coupling		565	EH 10
G 1/2 f	KIGO 34	112	41	100	15	rigid Claw coupling	Buna N	819	EHG 12
G 3/4 f	KIGO 34	100	41	100	17	rigid Claw coupling	Buna N	761	EHG 34
G 1 f	KIGO 34	100	41	100	17	rigid Claw coupling	Buna N	726	EHG 10
G 1/2 f	KIM 34	122	41	100	15	rigid Claw coupling	Brass	859	EHM 12
G 3/4 f	KIM 34	115	41	100	17	rigid Claw coupling	Brass	808	EHM 34
G 1 f	KIM 34	115	41	100	17	rigid Claw coupling	Brass	759	EHM 10
G 3/4 f	KIG 34-DR	130	41	100	17	swivelling Claw coupling	Buna N	943	EHG 34-DR

Double Valves with lever stop and exhaust

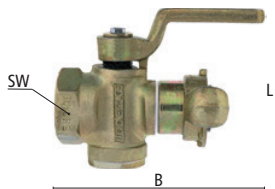
Inlet	Outlet	L	SW	B	Passage	System	Sealing	Weight	Type No.
G 3/4 f	2 x G 3/4 m	110	41	100	17	without Coupling		1146	DH 34
G 1 f	2 x G 3/4 m	110	41	100	17	without Coupling		1100	DH 10
G 3/4 f	2 x KIGO 34	170	41	100	17	rigid Claw coupling	Buna N	1466	DHG 34
G 1 f	2 x KIGO 34	170	41	100	17	rigid Claw coupling	Buna N	1438	DHG 10
G 3/4 f	2 x KIM 34	180	41	100	17	rigid Claw coupling	Brass	1545	DHM 34
G 1 f	2 x KIM 34	180	41	100	17	rigid Claw coupling	Brass	1503	DHM 10
G 3/4 f	2 x KIG 34-DR	225	41	100	17	swivelling Claw coupling	Buna N	1816	DHG 34-DR

Straight Way Valves without lever stop, without exhaust, on request with exhaust

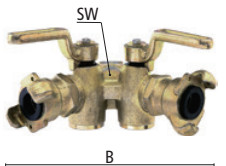
Inlet	Outlet	L	SW	B	L1	Passage	Weight	Type No.
G 1/2 f	G 1/2 f	80	37	96	18	13	700	DU 12
G 3/4 f	G 3/4 f	92	41	96	25	16	820	DU 34
G 1 f	G 1 f	92	41	96	13	16	770	DUL 10
G 1 f	G 1 f	87	43	125	18	20	1012	DUS 10

Airhammer Valves DIN 20030 without lever stop, without exhaust, inlet thread with lock nut SW 32/41

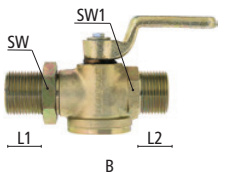
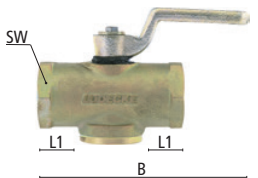
Inlet	Outlet	L	SW	B	L1	L2	SW1	Passage	Weight	Type No.
G 3/4 m	G 3/4 m, cone 1 : 4	110	32	85	34	17	32	13	632	BH 343
G 3/4 m	Rd 32 x 1/8 m, cone 1 : 3	140	32	95	34	17	32	13	773	BH 3486
G 1 m	G 1 m, cone 1 : 3	120	36	95	40	22	36	16	848	BH 106
G 1 m	Rd 32 x 1/8 m, cone 1 : 3	120	36	95	40	22	36	16	834	BH 326



swivelling



swivelling



Throttle Valves

US-Version

- Extremely robust valves of malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- With brass throttle and handle of malleable iron
- Self sealing, under pressure the conical throttle is pressed against the body, so the valve gets tight, therefore no wear of seals
- With NTP-threads or claw couplings US-Type with rubber seal
- When switching off pressure drop through exhaust from outlet side, therefore easy and safe coupling
- For compressed air in construction, on compressors, hose lines and air tools

Materials:

- Body, handle: malleable iron, zinc-plated and yellow passivated (free of chrome VI)
- Sealing: Buna N

Max. Working Pressure	Temperature	Thread	Claw Distance	Media	
PN 10 bar	-15°C – +80°C	NPT, ANSI / ASME B1.20.1	41 mm	Compressed air	1

US-Double Valves with lever stop and exhaust

Inlet	Outlet	L	SW	B	Passage	System	Sealing	Weight	Type No.
NPT 3/4 f	NPT 2 x 3/4 m	120	41	100	17	without Coupling		1170	DHA 34
NPT 1 f	NPT 2 x 3/4 m	120	41	100	17	without Coupling		1130	DHA 10
NPT 3/4 f	2 x KIA 34	205	41	100	17	Rigide Claw coupling	Buna N	1570	DHGA 34
NPT 1 f	2 x KIA 34	205	41	100	17	Rigide Claw coupling	Buna N	1530	DHGA 10

US-Straight-Way Valves without lever stop, without exhaust, on request with exhaust

Inlet	Outlet	L	SW	B	L1	Passage	Weight	Type No.
NPT 1/2 f	NPT 1/2 f	80	32	80	16	13	530	ADI 12
NPT 3/4 f	NPT 3/4 f	95	41	96	17	16	905	ADI 34
NPT 1 f	NPT 1 f	95	41	96	18	16	850	ADI 10

US-Straight-Way Valves without lever stop, without exhaust, on request with exhaust

Inlet	Outlet	L	SW	B	L1	Passage	Weight	Type No.
NPT 1/2 m	NPT 1/2 m	85	25	80	17	13	430	ADA 12
NPT 3/4 m	NPT 3/4 m	95	37	96	18	16	700	ADA 34
NPT 1 m	NPT 1 m	95	37	96	22	16	750	ADA 10

