

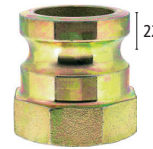
Standard-Mortar Couplings of malleable iron / steel, rigid and swivelling



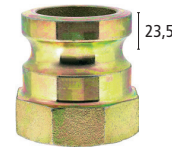
- Swivelling execution three parts, lead in teflon slide, extremely robust and tight
- Avoids hose twist of the rigid mortar hoses for much easier application



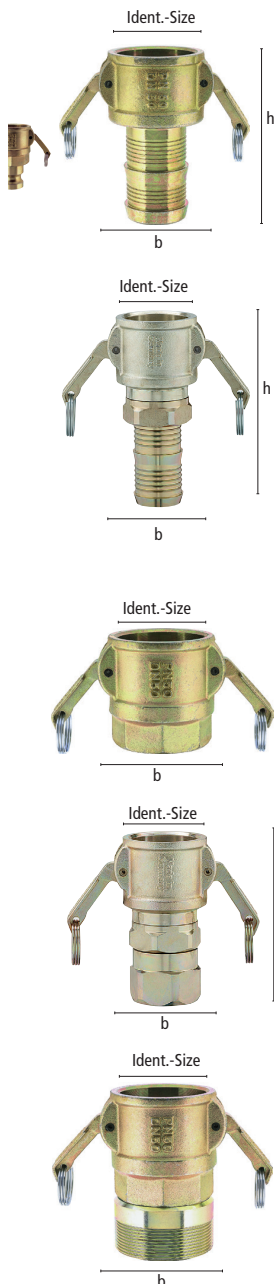
- Couplings of malleable iron / steel, zinc plated and yellow passivated (free of chrome VI)
- Turned stem profile for perfect fit of the hose (On request according to drawing or hose sample)
- TÜV-inspected
- Attention: Only same type-size and same system interchangeable!
- For mortar and concrete lines on pumps, spraying-devices, plastering machines a.o.
- Other swivelling types on request!



System 22
(for all type-sizes)



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



Max. Working Pressure	Material	Medium	Mat. Seal	Threads	TÜV-Inspected	
PN 50 bar	malleable iron / steel	mortar / concrete	Perbunan	ISO 228	all types	1

System 22				System 23.5			
Couplings with hose stem (full passage)							

Hose i.D.	b	h	Type-Size	Ident.-Size	Weight/pc. g	Type No.	Type No.
25 mm	55	120	25	35.5	477	MST 25**	same dimension
25 mm	74	138	X25	42	778	MST-X25	same dimension
35 mm	77	132	35	51	795	MST 35	MST 35-N
35 mm	77	152	35	51	970	MST 35-DR	MST 35-N-DR
38 mm	77	146	35	51	903	MST 38/35	MST 38/35-N
42 mm	84	144	42	54	960	MST 42	same dimension
50 mm	94	140	50	64	1195	MST 50	MST 50-N
65 mm	105	185	65	74	2172	MST 65*	same dimension

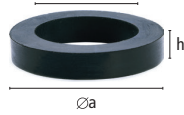
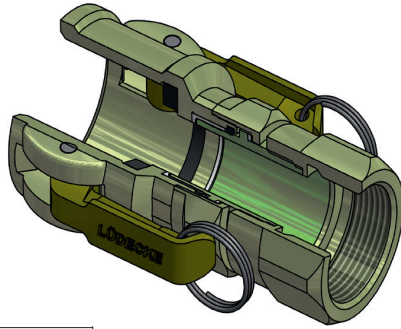
Couplings with hose stem (reduced passage)							
Hose i.D.	b	h	Type-Size	Ident.-Size	Weight/pc. g	Type No.	Type No.
19 mm	55	122	25	35.5	512	MST 25/19 R**	same dimension
19 mm	74	125	X25	42	760	MST-X25/19 R	same dimension
25 mm	77	138	35	51	783	MST 35/25 R	MST 35/25 R-N
35 mm	94	160	50	64	1495	MST 50/35 R	MST 50/35 R-N
42 mm	94	160	50	64	1510	MST 50/42 R	MST 50/42 R-N

Couplings with female thread							
Thread	b	h	Type-Size	Ident.-Size	Weight/pc. g	Type No.	Type No.
G 1"	55	70	25	35.5	652	MIG 10/25**	same dimension
G 1"	74	73.5	X25	42	652	MIG 10-X25	same dimension
G 1"	77	74	35	51	770	MIG 10/35	MIG 10/35-N
G 1 1/4"	77	74	35	51	648	MIG 54/35	MIG 54/35-N
G 1 1/4"	77	125	35	51	1170	MIG 54/35-DR	MIG 54/35-N-DR
G 1 1/2"	77	74	35	51	766	MIG 15/35	MIG 15/35-N
G 1 1/2"	84	66	42	54	730	MIG 15/42	same dimension
G 2"	94	79	50	64	990	MIG 20/50	MIG 20/50-N
G 2"	94	135	50	64	1550	MIG 20/50-DR	MIG 20/50-N-DR
G 2 1/2"	105	81	65	74	1027	MIG 25/65*	same dimension

Couplings with male thread							
Thread	b	h	Type-Size	Ident.-Size	Weight/pc. g	Type No.	Type No.
G 1"	55	91	25	35.5	485	MAG 10/25**	same dimension
G 1"	74	90	X25	42	735	MAG 10-X25	same dimension
G 1 1/4"	77	93	35	51	793	MAG 54/35	MAG 54/35-N
G 1 1/2"	84	98	42	54	935	MAG 15/42	same dimension
G 2"	94	113	50	64	1420	MAG 20/50	MAG 20/50-N
G 2 1/2"	94	119	50	64	1620	MAG 25/50	MAG 25/50-N

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

Mortar Couplings



Seals of Perbunan
55° Shore A



Handle with safety-ring and
slotted pin of steel

Suitable spare parts
(Packing Unit: 10 pcs.)

Øa	Øi	h	Type No.	Euro	Type No.
36	24.5	6	MDR 25	0.36	MNH-628
43.5	28.5	6	MDR-X25	0.47	MNH-630
53.5	36.5	6	MDR 35	0.47	MNH-628
53.5	36.5	6	MDR 35	0.47	MNH-628
53.5	36.5	6	MDR 35	0.47	MNH-628
55	41	6.5	MDR 42	0.62	MNH-628
67	51	6	MDR 50	0.57	MNH-636
76	61	6.3	MDR 65	1.49	MNH-636

Øa	Øi	h	Type No.	Euro	Type No.
36	24.5	6	MDR 25	0.36	MNH-628
43.5	28.5	6	MDR-X25	0.47	MNH-630
53.5	36.5	6	MDR 35	0.47	MNH-628
67	51	6	MDR 50	0.57	MNH-636
67	51	6	MDR 50	0.57	MNH-636

Øa	Øi	h	Type No.	Euro	Type No.
36	24.5	6	MDR 25	0.36	MNH-628
43.5	28.5	6	MDR-X25	0.47	MNH-630
53.5	36.5	6	MDR 35	0.47	MNH-628
53.5	36.5	6	MDR 35	0.47	MNH-628
53.5	36.5	6	MDR 35	0.47	MNH-628
55	41	6.5	MDR 42	0.62	MNH-628
67	51	6	MDR 50	0.57	MNH-636
67	51	6	MDR 50	0.57	MNH-636
76	61	6.3	MDR 65	1.49	MNH-636

Øa	Øi	h	Type No.	Euro	Type No.
36	24.5	6	MDR 25	0.36	MNH-628
43.5	28.5	6	MDR-X25	0.47	MNH-630
53.5	36.5	6	MDR 35	0.47	MNH-628
55	41	6.5	MDR 42	0.62	MNH-628
67	51	6	MDR 50	0.57	MNH-636
67	51	6	MDR 50	0.57	MNH-636

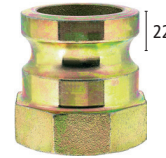


Standard-Mortar Plugs

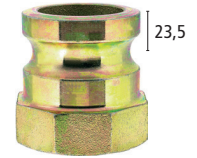
of malleable iron / steel, rigid and swivelling



- 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)
- TÜV-inspected
- Attention: Only same type-size and same system interchangeable!
- For mortar and concrete lines on pumps, spraying-devices, plastering machines a.o.

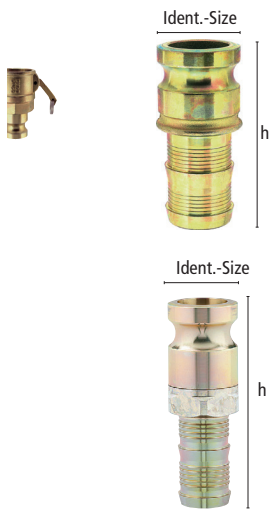


System 22
(for all type-sizes)



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

Max. Working Pressure	Material	Medium	Threads	TÜV-Inspected	
PN 50 bar	malleable iron / steel	mortar / concrete	ISO 228	all types	1



					System 22	System 23.5
Plugs with hose stem (full passage)						
Hose i.D.	Type-Size	h	Ident.-Size	Weight/pc. g	Type No.	Type No.
25 mm	25	110	35	270	VST 25	same dimension
25 mm	X25	120	41	385	VST-X25	same dimension
swivelling 25 mm	X25	125	41	420	VST-X25-DR	same dimension
35 mm	35	120	49.5	515	VST 35	VST 35-N
swivelling 35 mm	35	146	49.5	740	VST 35-DR	VST 35-N-DR
38 mm	35	120	49.5	470	VST 38/35	VST 38/35-N
42 mm	42	120	53	450	VST 42	same dimension
50 mm	50	140	63	925	VST 50	VST 50-N
swivelling 50 mm	50	170	63	1230	VST 50-DR	VST 50-DR-N
65 mm	65	156	73	1352	VST 65*	same dimension

Plugs with hose stem (reduced passage)						
Hose i.D.	Type-Size	h	Ident.-Size	Weight/pc. g	Type No.	Type No.
19 mm	X25	100	41	325	VST-X25/19 R	same dimension
25 mm	35	115	49.5	545	VST 35/25 R	VST 35/25 R-N
35 mm	50	121	63	830	VST 50/35 R	VST 50/35 R-N
42 mm	50	121	63	757	VST 50/42 R	VST 50/42 R-N

Plugs with female thread							
Thread	Hexagon	Type-Size	h	Ident.-Size	Weight/pc. g	Type No.	Type No.
G 1"	41	25	67	35	280	VIG 10/25	same dimension
G 1"	41	X25	67	41	345	VIG 10-X25	same dimension
swivelling G 1"	41	X25	106	41	610	VIG 10-X25-DR	same dimension
G 1 1/4"	50	X25	67	41	386	VIG 54-X25	same dimension
G 1"	50	35	63	49.5	521	VIG 10/35	VIG 10/35-N
swivelling G 1 1/4"	50	35	68	49.5	461	VIG 54/35	VIG 54/35-N
G 1 1/4"	50	35	120	49.5	840	VIG 54/35-DR	VIG 54/35-DR-N
G 1 1/2"	55	35	68	49.5	453	VIG 15/35	VIG 15/35-N
G 2"	70	35	74	49.5	665	VIG 20/35	VIG 20/35-N
G 1 1/2"	55	42	62	53	420	VIG 15/42	same dimension
G 1 1/4"	65	50	64	63	820	VIG 54/50	VIG 54/50-N
G 1 1/2"	65	50	64	63	678	VIG 15/50	VIG 15/50-N
G 2"	70	50	71	63	620	VIG 20/50	VIG 20/50-N
swivelling G 2"	70	50	130	63	1040	VIG 20/50-DR	VIG 20/50-DR-N
G 2 1/2"	85	50	78	63	960	VIG 25/50	VIG 25/50-N
G 2 1/2"	85	65	78	73	999	VIG 25/65*	same dimension

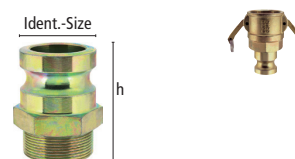
*max. working pressure for type-size 65 PN 25 bar
Other swivelling types on request



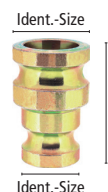
Mortar Plugs

- Swivelling execution three parts, lead in teflon slide, extremely robust and tight
- Avoids hose twist of the rigid mortar hoses for much easier application

						System 22	System 23.5
Plugs with male thread							
Thread	Hexagon	Type-Size	h	Ident.-Size	Weight/pc. g	Type No.	Type No.
G 1"	41	25	76	35	356	VAG 10/25	same dimension
G 1"	41	X25	76	41	382	VAG 10-X25	same dimension
G 1 1/4"	50	35	83	49.5	527	VAG 54/35	VAG 54/35-N
G 1 1/2"	55	42	77	53	525	VAG 15/42	same dimension
G 2"	65	50	90	63	950	VAG 20/50	VAG 20/50-N



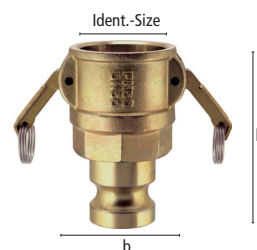
Plugs on both sides – system-reducing plug							
Type-Size	with Ident.-Size	to Type-Size	with Ident.-Size	h	Weight/pc. g	Type No.	Type No.
X25	41	25	35	90	448	VR X25/25	same dimension
35	49.5	25	35	97	654	VR 35/25	VR 35-N/25
35	49.5	X25	41	100	690	VR 35/X25	VR 35-N/X25
42	53	X25	41	90	620	VR 42/X25	same dimension
42	53	35	49.5	90	650	VR 42/35	VR 42/35-N
50	63	X25	41	100	955	VR 50/X25	VR 50-N/X25
50	63	35	49.5	100	955	VR 50/35	VR 50-N/35-N
50	63	42	53	95	983	VR 50/42	VR 50-N/42



Screwing stems for female thread couplings and plugs				
Hose i.D.	Male Thread	h	Weight/pc. g	Type No.
19 mm	G 1"	70	106	MST-X25/19 T
25 mm	G 1"	83.5	128	MST-X25 T
35 mm	G 1 1/4"	91	236	MST 35 T
38 mm	G 1 1/4"	91	210	MST 38/35 T
35 mm	G 2"	107	506	MST 50/35 T
42 mm	G 1 1/2"	97	259	MST 42 T
42 mm	G 2"	106	428	MST 50/42 T
50 mm	G 2"	110	510	MST 50 T
65 mm	G 2 1/2"	130	1145	MST 65 T*



Couplings with plug – system-reducing-adaptors								
Type-Size	with Ident.-Size	Type-Size	with Ident.-Size	b	h	g	Type No.	Type No.
X25	42	25	35.5	74	132	993	MSA-X25/25	same dimension
35	51	X25	42	77	133	1154	MSA 35/X25	MSA 35-N/X25
42	54	35	51	84	135	1270	MSA 42/35	MSA 42/35-N
50	64	35	51	94	133	1580	MSA 50/35	MSA 50-N/35-N
50	64	42	54	94	133	1585	MSA 50/42	MSA 50-N/42



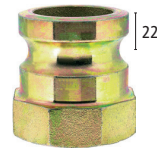
Handles and seals as spare parts (© catalogue page 59)

Mortar Hose Couplings and Plugs

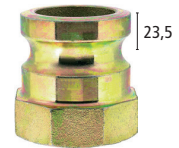
of malleable iron / steel for hydraulic hose crimping, rigid and swivelling



- 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

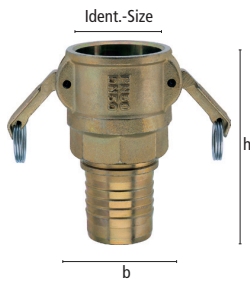


System 22
(for all type-sizes)



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

Max. Working Pressure	Material	Medium	Mat. Seal	Crimping Dimensions	TÜV-Inspected	
PN 50 bar	malleable iron / steel	mortar / concrete	Perbunan	on request	all types	1



								System 22	System 23.5
Couplings with hose stem (full passage)									
For Hose	Type-Size	b	Ident.-Size	h	Suit. Ferrule	Weight/pc. g	Type No.	Type No.	
25 x 7 mm	25	55	35.5	125	PH-X25	540	MSTP 25*	same dimension	
25 x 7 mm	X25	74	42	128	PH-X25	780	MSTP-X25	same dimension	
35 x 7 mm	35	77	51	135	PH-35	910	MSTP 35	MSTP 35-N	
38 x 7 mm	35	77	51	135	PH-38	910	MSTP 38/35	MSTP 38/35-N	
42 x 7 mm	42	84	54	127	PH-42	974	MSTP 42	same dimension	
50 x 9 mm	50	94	64	145	PH-50	1480	MSTP 50	MSTP 50-N	

Couplings with hose stem (reduced passage)									
For Hose	Type-Size	b	Ident.-Size	h	Suit. Ferrule	Weight/pc. g	Type No.	Type No.	
19 x 6 mm	X25	74	42	125	PH-19	780	MSTP-X25/19 R	same dimension	
25 x 7 mm	35	77	51	129	PH-X25	870	MSTP 35/25 R	MSTP 35/25 R-N	
35 x 7 mm	50	94	64	140	PH-35	1480	MSTP 50/35 R	MSTP 50/35 R-N	

Plugs with hose stem (full passage)									
For Hose	Type-Size	Ident.-Size	h	Suit. Ferrule	Weight/pc. g	Type No.	Type No.		
25 x 7 mm	25	35,5	100	PH-X25	305	VSTP 25	same dimension		
25 x 7 mm	X25	41	104	PH-X25	339	VSTP-X25	same dimension		
25 x 7 mm	X25	41	115	PH-X25 DR	380	VSTP-X25-DR	same dimension		
35 x 7 mm	35	49,5	107	PH-35	522	VSTP 35	VSTP 35-N		
35 x 7 mm	35	49,5	135	PH-35 DR	740	VSTP 35-DR	VSTP 35-N-DR		
38 x 7 mm	35	49,5	107	PH-38	472	VSTP 38/35	VSTP 38/35-N		
42 x 7 mm	42	54	106	PH-42	475	VSTP 42	same dimension		
50 x 9 mm	50	63	113	PH-50	758	VSTP 50	VSTP 50-N		
50 x 9 mm	50	63	145	PH-50 DR	1020	VSTP 50-DR	VSTP 50-N-DR		



swivelling
swivelling
swivelling

Plugs with hose stem (reduced passage)									
For Hose	Type-Size	Ident.-Size	h	Suit. Ferrule	Weight/pc. g	Type No.	Type No.		
19 x 6 mm	25	35.5	95	PH-19	238	VSTP 25/19 R	same dimension		
19 x 6 mm	X25	41	100	PH-19	345	VSTP-X25/19 R	same dimension		
25 x 7 mm	35	49.5	102	PH-X25	490	VSTP 35/25 R	VSTP 35/25 R-N		
35 x 7 mm	50	63	107	PH-35	820	VSTP 50/35 R	VSTP 50/35 R-N		
42 x 7 mm	50	63	108	PH-42	741	VSTP 50/42 R	VSTP 50/42 R-N		



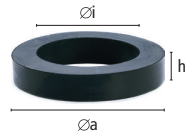
Other swivelling types on request

* type-size 25 with one handle



Mortar Hose Couplings and Plugs

- Swivelling execution three parts, lead in teflon slide, extremely robust and tight
- Avoids hose twist of the rigid mortar hoses for much easier application



Seals of Perbunan
55° Shore A



Handle with safety-ring and
slotted pin of steel

Suitable spare parts
(packing Unit: 10 pcs.)

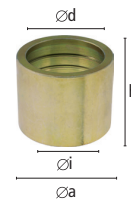
Øa	Øi	h	Type No.	Euro	Type No.
36	24.5	6	MDR 25	0.36	MNH-628
43.5	28.5	6	MDR-X25	0.47	MNH-630
53.5	36.5	6	MDR 35	0.47	MNH-628
53.5	36.5	6	MDR 35	0.47	MNH-628
55	41	6.5	MDR 42	0.62	MNH-628
67	51	6	MDR 50	0.57	MNH-636



Øa	Øi	h	Type No.	Euro	Type No.
43.5	28.5	6	MDR-X25	0.47	MNH-630
53.5	36.5	6	MDR 35	0.47	MNH-628
67	51	6	MDR 50	0.57	MNH-636

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

For Hose	Type-Size	h	Øi	Øa	Weight/pc. g	Type No.	
19 x 6 mm	19/25	40	31,5	24,5	38	102	PH-19
25 x 7 mm	X25	50	41	33	50	218	PH-X25
25 x 7 mm	X25	50	41	31,3	50	220	PH-X25 DR
35 x 7 mm	35	55	49	42,5	58	275	PH-35
35 x 7 mm	35	55	49	41	58	280	PH-35 DR
38 x 7 mm	35	55	53	45,5	61	259	PH-38
42 x 7 mm	42	55	56	50,5	65	313	PH-42
50 x 9 mm	50	60	68,5	59,5	75	302	PH-50
50 x 9 mm	50	60	68,5	57	75	310	PH-50 DR



Screwing Stems for hydraulic crimping

For Hose	Male Thread	Suitable Ferrule	b	h	Weight/pc. g	Type No.
19 x 6 mm	G 1"	PH-19	24	69.5	125	MSTP-X25/19 T
25 x 7 mm	G 1"	PH-X25	32.5	73.5	120	MSTP-X25 T
35 x 7 mm	G 1 1/4"	PH-35	42	80	218	MSTP-35 T
38 x 7 mm	G 1 1/4"	PH-38	45	80	223	MSTP-38/35 T
35 x 7 mm	G 2"	PH-35	42	86	526	MSTP-50/35 T
42 x 7 mm	G 1 1/2"	PH-42	50	80	246	MSTP-42 T
42 x 7 mm	G 2"	PH-42	50	87	452	MSTP-50/42 T
50 x 9 mm	G 2"	PH-50	59	91	497	MSTP-50 T

