

# Mortar Couplings and Plugs

made of Malleable Iron/ Steel, rigid and swivelling, for Hydraulic Hose Crimping



- For hydraulic hose crimping with ferrules made of steel
- Safe, clean and unremovable connection of hose and coupling
- Couplings and Plugs made of malleable iron/ steel zinc-plated and yellow passivated (free of chrome VI)
- Turned stem profile for perfect hose fit
- Stem profiles, ferrules and crimping dimensions for special hoses on request according to drawings or hose samples
- Swivelling version made of three parts, lead in teflon slide, absolutely leakage-proof for long lifetime
- Permanent floating of mostly rigid mortar hoses

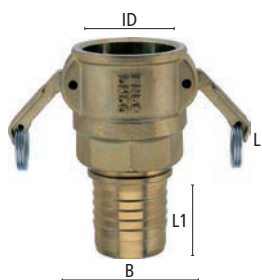


System 22  
(for all type-sizes except 42)



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

Max. Working Pressure	Temperature	Thread	TÜV-certified	Media	
PN 50 bar	-40°C – +90°C	ISO 228	all types	Mortar/concrete	1



							System 22		System 23.5	
Couplings with hose stem (full passage)							Type No.	Type No.		
Hose connect.	L	B	Type-Size	ID	Passage	Version	Ferrule	Weight	Type No.	Type No.
Hose 25x7	125	55	25	35.5	24	rigid,1 Handle	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	134	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	Version	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	T-Size	AD	L1	Pass.	Version	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	Version	Ferrule	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

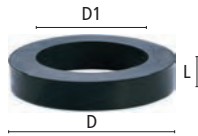
\*type-size 25 with one handle

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

# Mortar Couplings and Plugs

## Materials

- 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)
- Seals: NBR



Seals of NBR  
55° Shore A



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

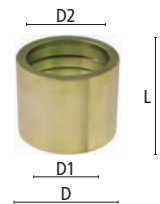
Suitable spare parts  
(Packing Unit: 10 pcs.)

L	D	D1	Weight	Type No.	Weight	Type No.
6	36	24.5	5	MDR 25	60	MNH-628
6	43.5	28.5	5	MDR-X25	60	MNH-630
6	53.5	36.5	5	MDR 35	60	MNH-628
6	53.5	36.5	5	MDR 35	60	MNH-628
6.5	55	41	6	MDR 42	60	MNH-628
6	67	51	7	MDR 50	60	MNH-636

L	D	D1	Weight	Type No.	Weight	Type No.
6	43.5	28.5	5	MDR-X25	60	MNH-630
6	53.5	36.5	5	MDR 35	60	MNH-628
6	67	51	7	MDR 50	60	MNH-636

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

Hose connect.	L	D	Type-size	D1	D2	Version	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	86	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

