

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		
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)									Type No.	Type No.
Hose connect.	L	B	Type-Size	ID	Passage	Version	Ferrule	Weight		
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