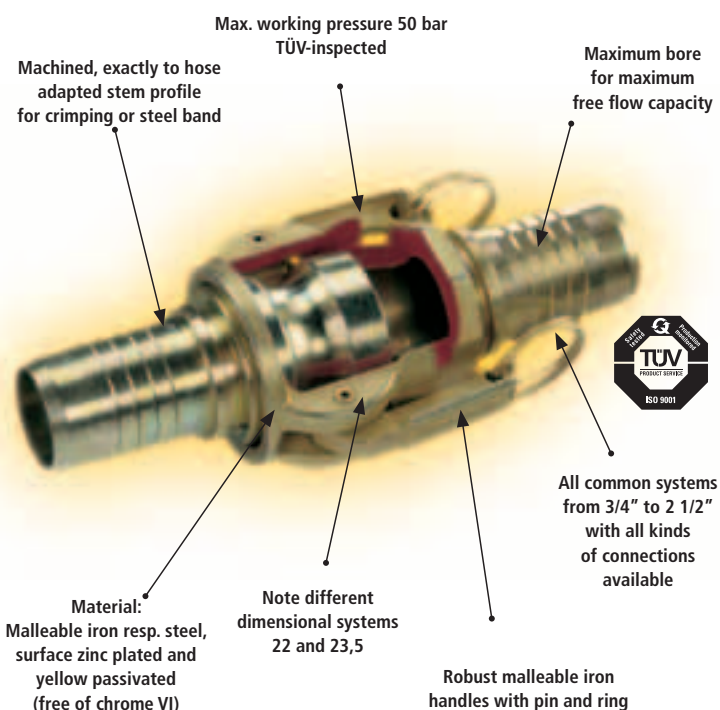




## Mortar Couplings

## Mortar Plugs

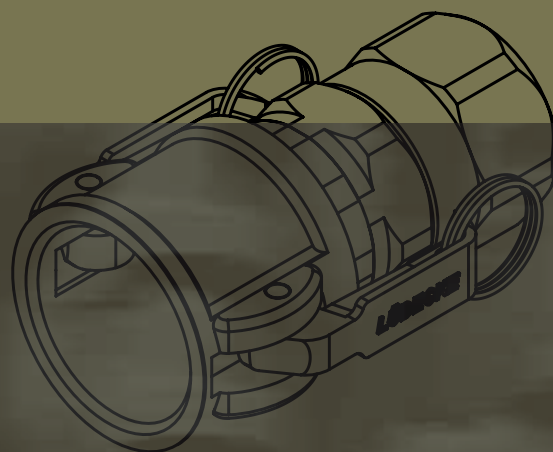


The principle of the Mortar Coupling is similar to Kamlok Couplings, but both are not interchangeable.

Asymmetrical female and male parts made of malleable iron or steel are locked by two handles. Please note the two different systems used in the market!

At a working pressure of 50 bar exact hose assembly with precisely machined hose stems is absolutely necessary. For safety reasons we recommend to use hydraulic crimping sockets.

To ease daily work one part of the coupling system should be a swivelling type to avoid hose twist of the rigid mortar hoses



### Content

- 53 Mortar Couplings – of Aluminium
- 53 Mortar Couplings - System "Mai"
- 54 Standard Mortar Couplings of malleable iron / steel
- 56 Standard Mortar Plugs of malleable iron / steel
- 58 Mortar Hose Couplings and Plugs for hydraulic crimping

# Mortar Couplings of Aluminium

Type Size X25, rigid and swivelling

- Mainly used directly at the spraying nozzle, 60 % weight reduction compared with steel execution, therefore essentially easier application
- Swivelling execution three parts, lead in teflon slide, therefore extremely robust and tight
- Swivelling principle avoids hose twist of the rigid mortar hoses for much easier application

**New!**

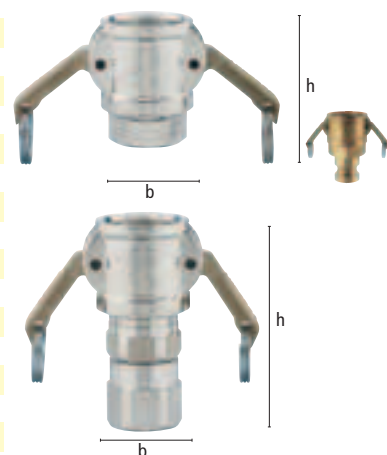
| Max. Working Pressure | Material  | Medium            | Mat. Seal       | Thread  | System   |   |
|-----------------------|-----------|-------------------|-----------------|---------|----------|---|
| PN 40 bar             | Aluminium | mortar / Concrete | Perbunan/Teflon | ISO 228 | X25 (22) | 1 |

## Coupling with female thread

| Thread | b  | h   | System     | Type-Size | Ident-Size | Weight/pc. g | Type No.       |
|--------|----|-----|------------|-----------|------------|--------------|----------------|
| G 1"   | 70 | 72  | rigid      | X25       | 42         | 290          | MIG 10-X25 A   |
| G 1"   | 70 | 120 | swivelling | X25       | 42         | 405          | MIG 10-X25 ADR |

\*Rubber rings Type No. MDR-X25 and handles Type No. MNH-630 (© catalogue page 55)

\*Female thread sealing ring material polyurethane



# Mortar Couplings

interchangeable with system "Mai"

**New!**

| Max. Working Pressure | Material           | Medium            | Mat. Seal | Threads |   |
|-----------------------|--------------------|-------------------|-----------|---------|---|
| PN 50 bar             | mall. iron / steel | mortar / concrete | Perbunan  | ISO 228 | 1 |

## Coupling with female thread and 1 handle

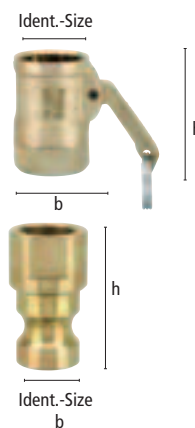
| Thread | h  | b  | Ident-Size | Weight/pc. g | Type No.  |
|--------|----|----|------------|--------------|-----------|
| G 1"   | 70 | 55 | 38         | 375          | MIG 10-MA |

Rubber rings, type no. EDR-100-BU (© catalogue page 68)

## Plug with female thread

| Thread | h  | b  | Ident-Size | Weight/pc. g | Type No.  |
|--------|----|----|------------|--------------|-----------|
| G 1"   | 80 | 46 | 37.5       | 405          | VIG 10-MA |

For hose connection use screwing stems for steel band (© catalogue page 57) or crimping sockets (© catalogue page 59)



# Standard-Mortar Couplings

## of malleable iron / steel, rigid and swivelling

**swivelling**

**New!**

- 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!

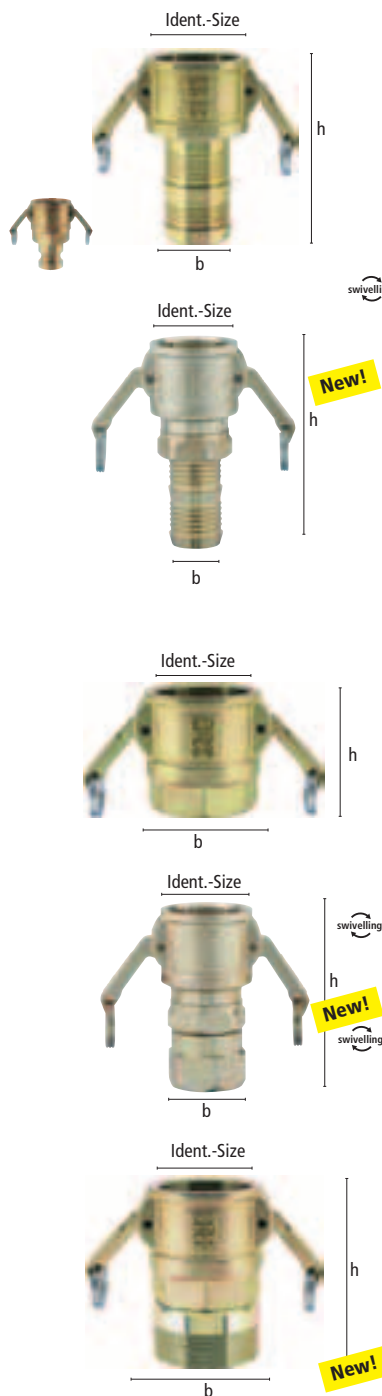
**New!**



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 |

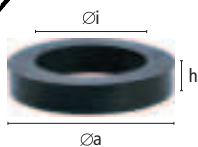
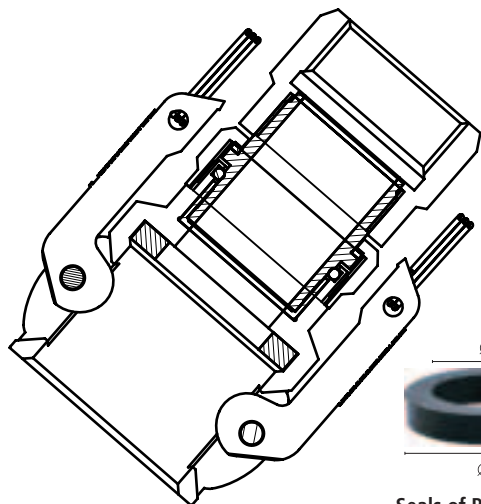
### Couplings with male thread

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



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

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

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

**New!**



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 |

Ident.-Size



h

Ident.-Size



h

**New!**

### 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 |
| 25 mm     | X25       | 125 | 41          | 420          | VST-X25-DR | same dimension |
| 35 mm     | 35        | 120 | 49.5        | 515          | VST 35     | VST 35-N       |
| 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       |
| 50 mm     | 50        | 170 | 63          | 1230         | VST 50-DR  | VST 50-N-DR    |
| 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 |
| 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    |
| 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-N-DR |
| 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    |
| G 2"     | 70      | 50        | 130 | 63          | 1040         | VIG 20/50-DR  | VIG 20/50-N-DR |
| 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

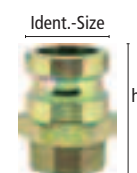


New!

# 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     |  |



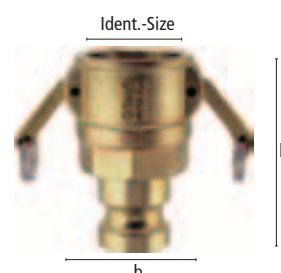
| Screwing stems for female thread couplings and plugs |             |   |              |          |
|------------------------------------------------------|-------------|---|--------------|----------|
| Hose i.D.                                            | Male Thread | h | Weight/pc. g | Type No. |

| 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*    |



New!

| Couplings with plug – system-reducing-adaptors |                  |           |                  |    |     |              |            |                |
|------------------------------------------------|------------------|-----------|------------------|----|-----|--------------|------------|----------------|
| Type-Size                                      | with Ident.-Size | Type-Size | with Ident.-Size | b  | h   | Weight/pc. 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 55)

# Mortar Hose Couplings and Plugs

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



- For hydraulic crimping with turned steel sockets
- 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, Sockets and crimping dimensions for special hoses on request according to drawings or hose samples

**New!**



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. Socket | 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      |

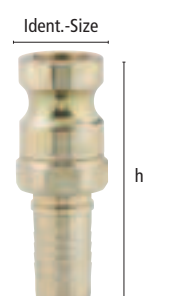
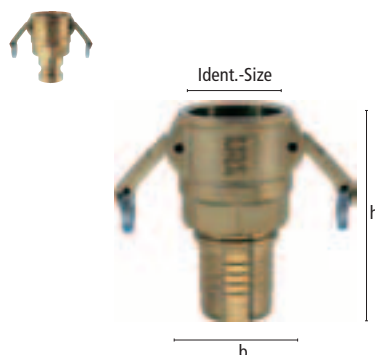
|                                            |           |    |             |     |              |              | System 22     | System 23.5    |
|--------------------------------------------|-----------|----|-------------|-----|--------------|--------------|---------------|----------------|
| Couplings with hose stem (reduced passage) |           |    |             |     |              |              |               |                |
| For Hose                                   | Type-Size | b  | Ident.-Size | h   | Suit. Socket | 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. Socket | 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   |

| Plugs with hose stem (reduced passage) |           |             |     |              |              |               |                |
|----------------------------------------|-----------|-------------|-----|--------------|--------------|---------------|----------------|
| For Hose                               | Type-Size | Ident.-Size | h   | Suit. Socket | 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

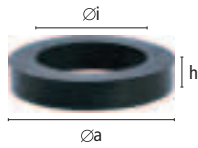


# Mortar Hose Couplings and Plugs



New!

- 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

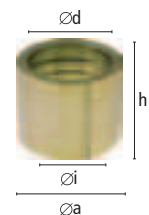
Suitable spare parts  
(packing Unit: 10 pcs.)

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

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

## Crimping Sockets 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. |           |
|------------|-----------|-----------|----|------|------|--------------|----------|-----------|
| swivelling | 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 |
| swivelling | 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     |
| swivelling | 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 Socket | 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     |

