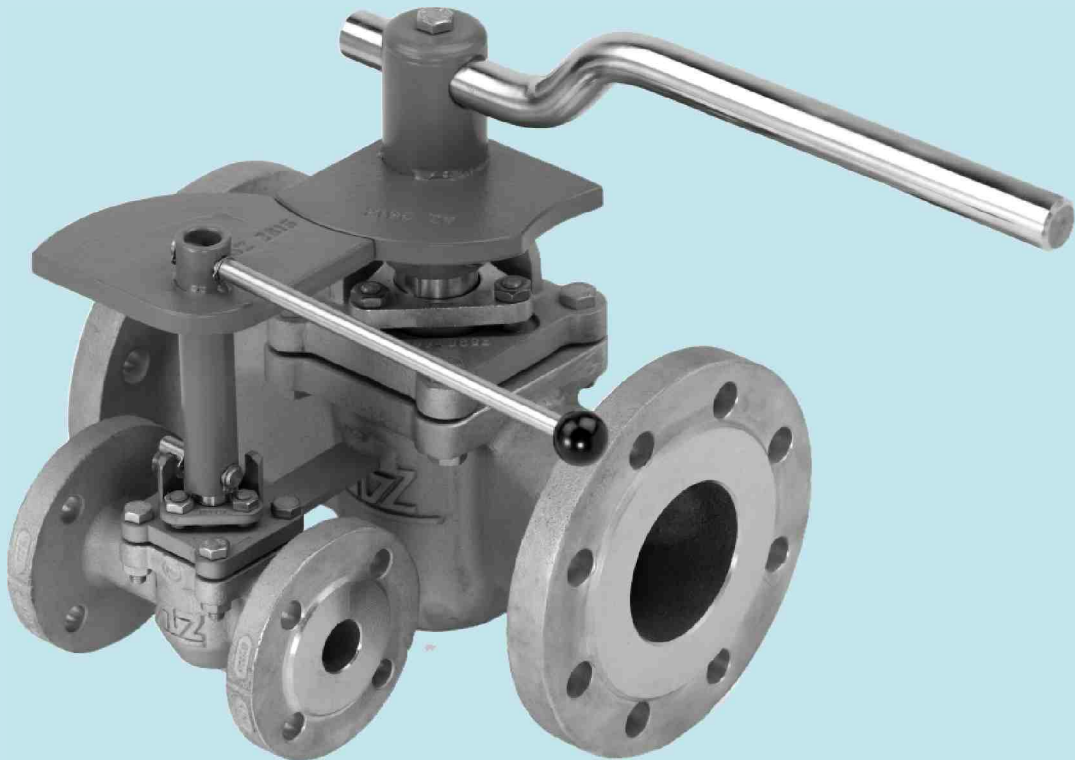


Plug Valves With Locking Device



CE

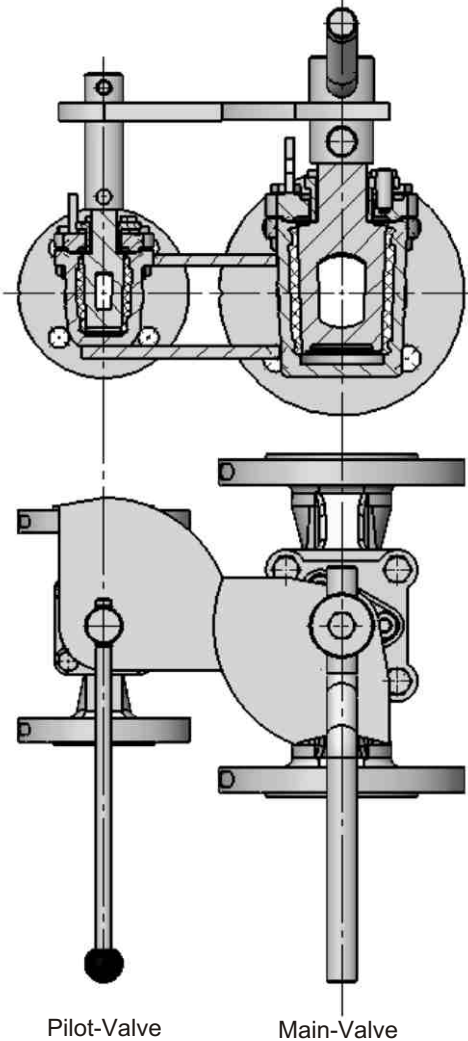
5.5

- **Pilot Valve Combinations**
- **Pad Lock Eyelets**
- **Linear Key Conception**
- **Indexing Plunger Arrestor**



Plug Valves With Locking Device

Pilot Valve Combination



AZ - Pilot Valve Combination

The main valve cannot be opened before the pilot valve has been opened.

Vice versa the pilot valve cannot be turned off before the main valve has been closed.

Order example: F-2-DN50-PN40+PH-F-2-DN25-PN40
F = flange, 2 = twoway, DN50 = size, PN40 = rating,
PH = pilot-valve, F = flange, DN25 = size, PN40 = rating

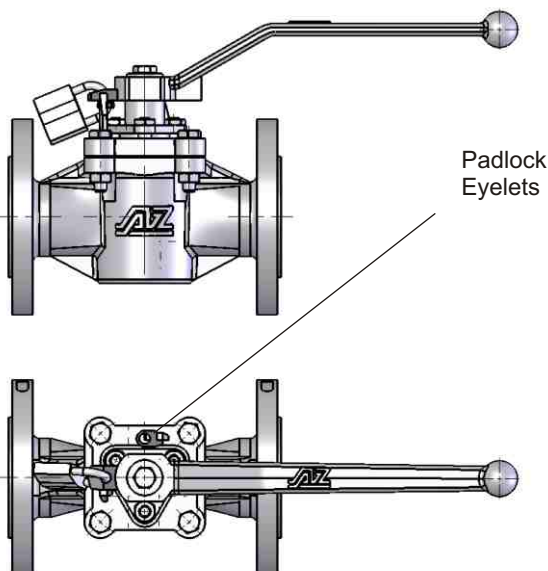
AZ-Plug Valves with Padlock

are used where operation of the valves by unauthorized persons is not allowed, because of dangerous media or important process runs.

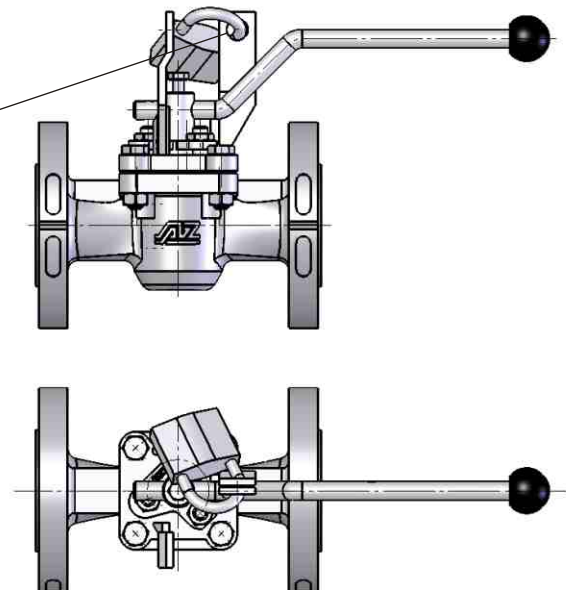
Locking possibilities are available for opened, closed or at both positions on request. The locking device is a simple padlock which is fixed and closed on the body and wrench in the respective end position through both eyelets. When the padlock is closed the wrench can neither be taken off nor operated.

The padlock eyelets are available for the AZ-Standard lever as well as for the cast dihedron lever.

Cast Dihedron Lever



AZ-Standard Lever



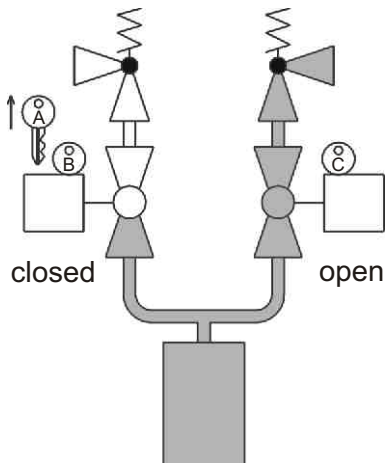
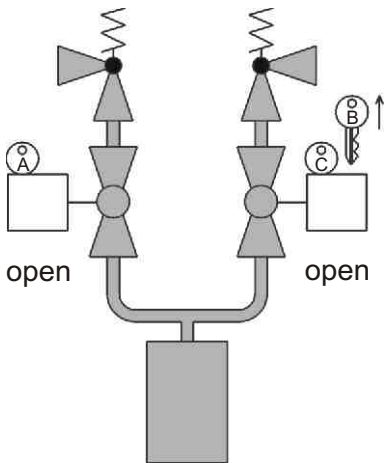
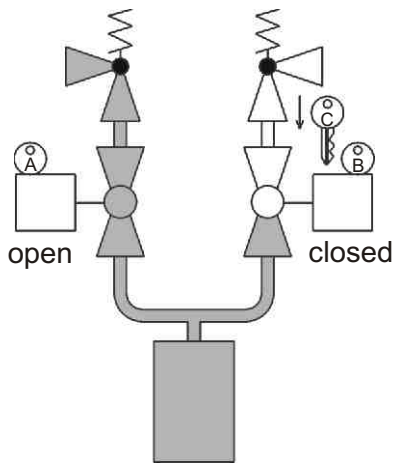
On enquiry / order:
Please state material for body and plug.

Order example: F-2-DN80-PN25-VÖ
F = flange, 2 = twoway, DN80 = size, PN25 = rating, VÖ = padlock eyelets



Plug Valves With Locking Device

Example with safety valves



AZ-Plug Valves with Linear Key Conception

For the safety operation of a valve it is always necessary to have two keys.

Example I:

The valve is blocked up in an open position: Key "A" is stuck in and cannot be removed. With key "B" the blockage of the valve can be released and afterwards the plug can be closed. Key "A" now closes (i.e. blocks the plug) and can be removed. Key "B" remains in the lock and cannot be withdrawn.

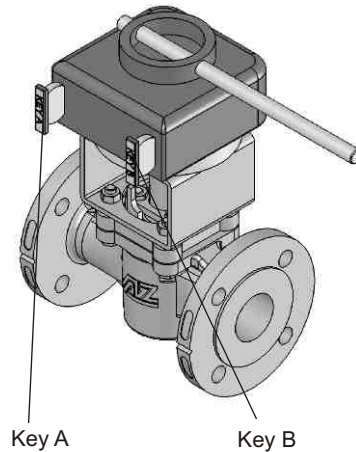
I.e.: A is fixed in an open position
B is fixed in a closed position

With this system several valves can be secured against each other.

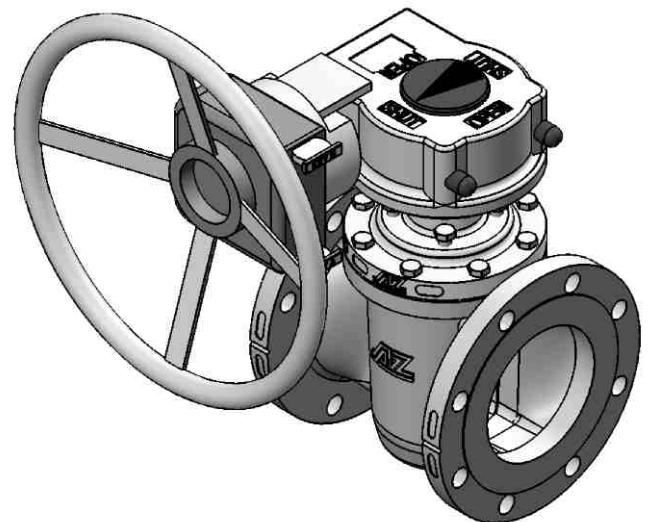
Example II:

Valve I must be closed with keys A+B before Valve II can be opened with key B (from valve I) and C, so that valve III can be put into the required position with key C (from valve II) and D.

Type "ANDL"



Type "AMRL"



INDICATION:

Using the "SAVA" cross-over combination (see leaflet 5.2) you do not need any locking devices.

Order example: F-2-6"-Standard-ANSI150-GT-AMR

F = flange, 2 = twoway, 6" = size, ANSI150 = rating
GT = reduction gear, AMRL = locking type



Plug Valves With Locking Device

AZ-Valves with Indexing Plunger Arrestor

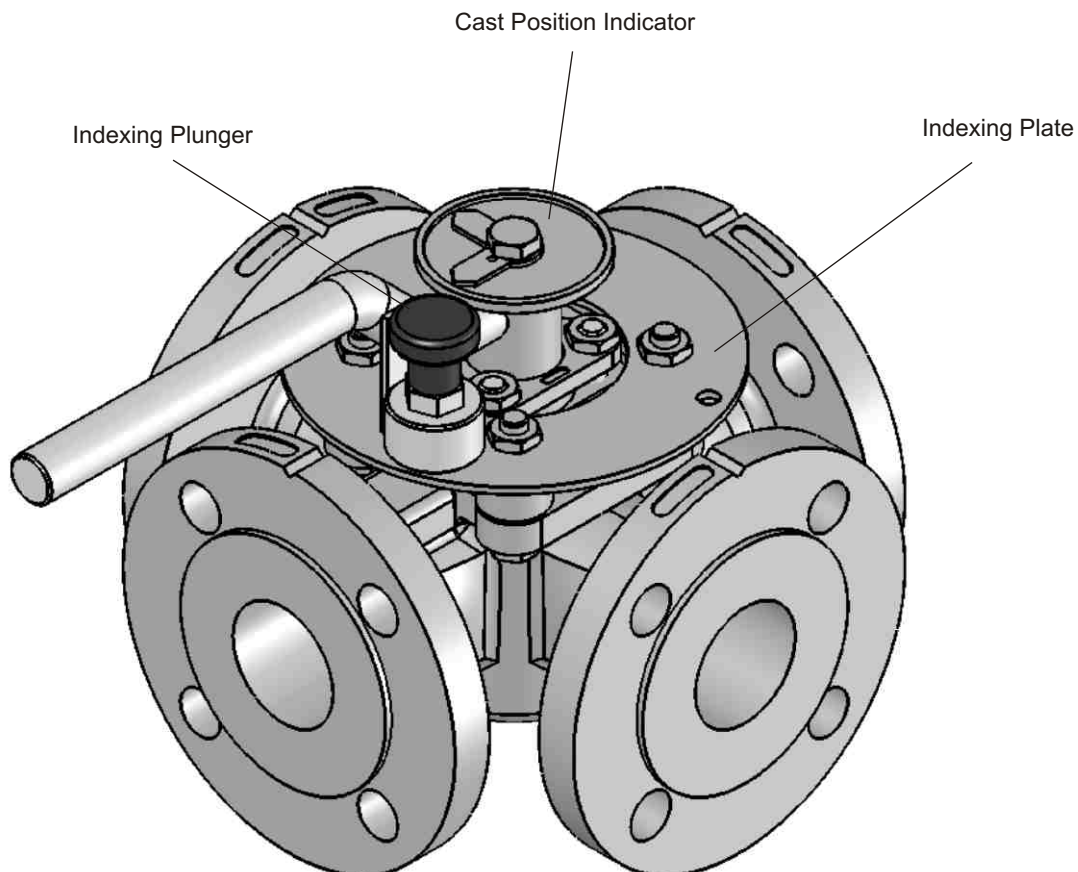
On request all AZ-valves can also be equipped with an index plunger.

Index plungers are used when an exact position and a secure arrest is demanded.

For example on a fourway valve with L4-plug.

The operating position is indicated by a cast position indicator.
(Please see AZ-leaflet No. 1.3 and 1.4 for detailed information about AZ-multi-port-valves and plug forms)

F-4-Standard with L4-Plug



Order example: F-4-Standard-DN80-PN25-L4-Pos I-IV-RB
F = flange, 4 = fourway, DN80 = size, PN25 = rating,
L4 = form of plug, Pos I-IV = operating range
RB = indexing plunger



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