

# 'Deadman' Handles



Doc: Deadman/01

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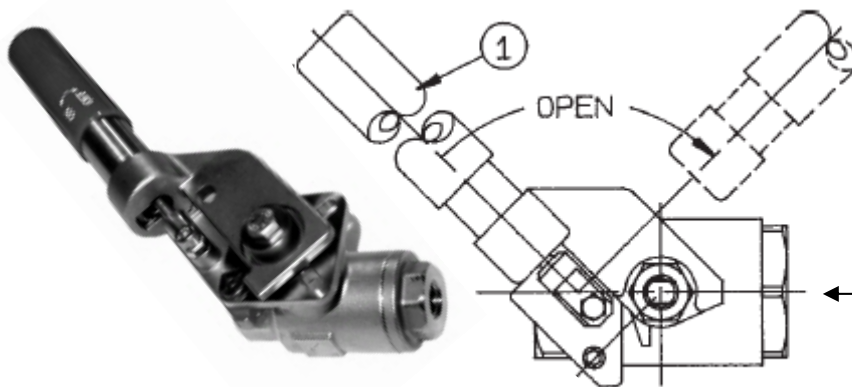
## Spring return (Deadman) hand levers

There are many industrial applications where a manually operated valve needs to be self closing, as leaving the valve in an open position would be dangerous/ hazardous or not desirable. A typical example would be on a fuel tank emptying valve, where leaving the valve open by mistake would lead to the tank emptying.

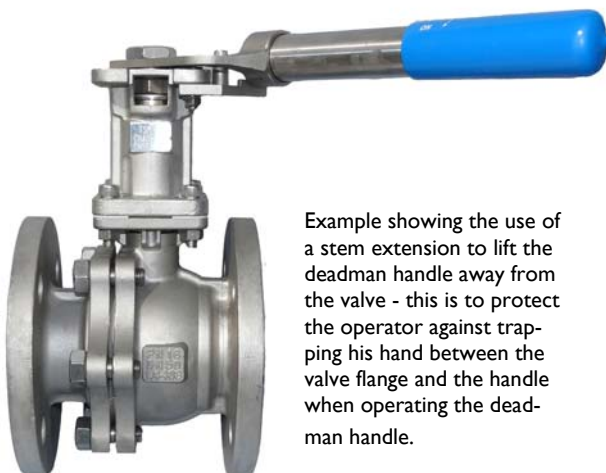
Deadman handles are ideal for these applications. They contain a spring loaded handle that compresses the spring during the opening operation, then uses the energy in the compressed spring to close the valve when the handle is released. The spring is retained within the tubular valve lever.



Photo showing simple fixing to an ISO:5211 platform



Sketch showing a deadman handle fitted to a screwed ball valve



Example showing the use of a stem extension to lift the deadman handle away from the valve - this is to protect the operator against trapping his hand between the valve flange and the handle when operating the deadman handle.



Deadman handle fitted to a flanged stainless steel ball valve.