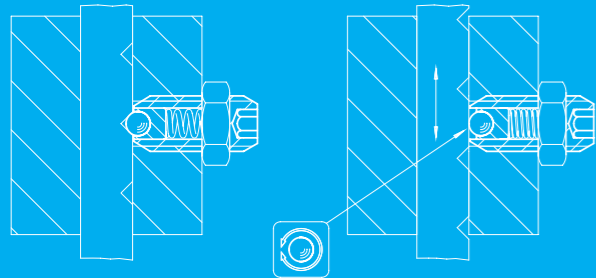


GIVES IN

WITH MOVEABLE BALL...



MOVEABLE BALL MINIMIZES WEAR

The bearing of the ball enables an easy rolling of the ball. This minimizes wear on the counterpart and optimizes the locking behaviour.

The plastic bearing also insulates the ball electrically.

HALDER

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www.halder.com

MADE IN
GERMANY.

HALDER

SPRING PLUNGERS



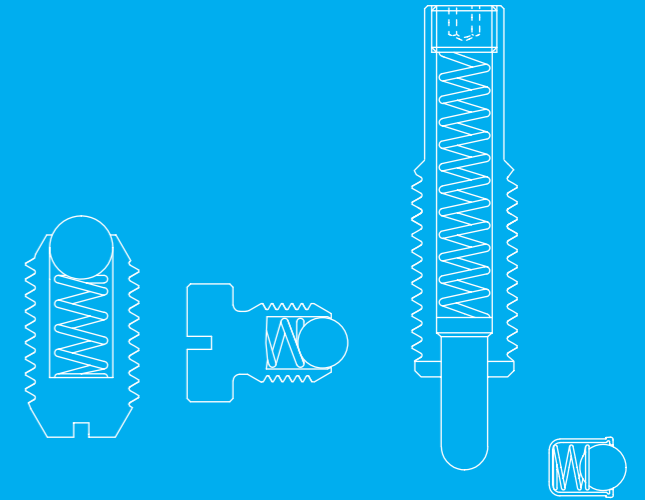
EN/1000/12-19

www.halder.com

THE WISER HEAD...

SPRING PLUNGERS

WITH BALL - WITH PIN OR



PATENTED, CERTIFIED AND SECURE

Our spring plungers can be used for locating or for applying pressure, as a detent or for ejection. They are specially tested for spring range and forces and provide an outstanding functional reliability.

Apart from carrying an extensive selection of metric models we can also offer a wide range of INCH models.

Are you faced with an installation situation with specific requirements? We will find the solution! We also develop special solutions, especially for your needs - even in small batches.

OUR PRODUCT RANGE

SPRING PLUNGERS

Spring Plungers • with moveable ball and internal hexagon



- can be used for locating or for applying pressure, as a detent or for ejection
- moveable ball prevents damage

Spring Plungers • with moveable ball and slot



- can be used for locating or for applying pressure, as a detent or for ejection
- moveable ball prevents damage

Spring Plungers • smooth, without collar, with moveable ball



- can be used for locating or for applying pressure, as a detent or for ejection
- moveable ball prevents damage

Spring Plungers • with ball and slot / internal hexagon



- can be used for locating or for applying pressure, as a detent or for ejection
- also available in INCH

EXTENSION
SPRING LOAD

Spring Plungers • headed, with ball and slot / internal hexagon



- can be used for locating or for applying pressure, as a detent or for ejection
- precise screwing depth due to head

EXTENSION
SPRING LOAD

Spring Plungers • plastic



- can be used for locating or for applying pressure, as a detent or for ejection

Spring Plungers • with ceramic ball and slot



- can be used for locating or for applying pressure, as a detent or for ejection
- stainless steel A4

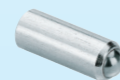
EXTENSION
SPRING LOAD

Spring Plungers • smooth, with collar and ball



- can be used for locating or for applying pressure, as a detent or for ejection

Spring Plungers • smooth, without collar



- can be used for locating or for applying pressure, as a detent or for ejection

EXTENSION
SPRING LOAD

Spring Plungers • smooth, long, with collar and ball



- can be used for locating or for applying pressure, as a detent or for ejection

NEW

Spring Plungers • double-sided



- to be used for locating and securing, as well as electric connection

Spring Plungers • smooth, with collar and ball, self-clamping



- can be used for locating or for applying pressure, as a detent or for ejection
- due to expanding fit of the body, the spring plungers can accommodate variation of up to 0,2 mm in the locating bore.

- NEW: now also available in INCH

NEW

Holders • for spring plungers



- holders are used to mount spring plungers, smooth, with collar (EH 22080.) on the side

NEW

Spring Bodies

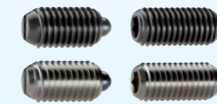


- can be used for locating.



[www.halder.com/
SpringPlungers-Video](http://www.halder.com/SpringPlungers-Video)

Spring Plungers • with pin and slot / internal hexagon



- can be used for locating or for applying pressure, as a detent or for ejection
- also available in INCH

Spring Plungers • with internal hexagon and seal



- can be used for locating or for applying pressure, as a detent or for ejection
- by means of the seal, liquid cannot penetrate into the spring plunger
- also available in INCH

Spring Plungers • smooth, with collar and pin



- to be used for locating, tightening, as an assembly support, for applying pressure, as a detent, for ejection or as a shock absorber

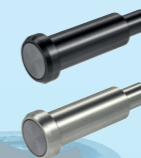
Spring Plungers • long



- to be used for ejecting, as a detent, for applying pressure or as a shock element

EXTENSION
MATERIAL

Spring Plungers • smooth



- especially designed for the use in tool-making. Usable as ejection pins and spring stops

EXTENSION
MATERIAL