



## 32494

INDEX PLUNGER & PINS

### Material

**Body:** steel, blackened or stainless steel 1.4305.

**Knob:** thermoplastic, black-grey, matt.

**Button:** thermoplastic POM, red.

**Locking pin:** steel, hardened or stainless steel, nickel-plated.

### Technical Notes

Press red button and hold whilst pulling

knob to release pin.

Temperature range -30 to +80°C.

### Tips

Knob is non removable.

Lock nuts available separately.

Used with:

32510 Mounting blocks.

32700 Lock nut .

32750 Distance collars.

32752 Locating bushes.

32753 Locating bushes.

Order No.	Type	$d_1$ -0.02 -0.04	$d_2$	$d_3$	$l_1$ ≈	$l_2$ min.	$l_3$	$l_4$	A/F	Spring load $F_1$ N ≈	Spring load $F_2$ N ≈	Weight g
32494.W0005	Steel	6	M12x1,5	28	56	6	22	6	19	6.5	19	44
32494.W0010	Steel	6	M12x1,5	28	56	9	22	6	19	6.0	25	45
32494.W0015	Steel	8	M16x1,5	28	62	8	26	8	19	8.5	26	70
32494.W0020	Steel	8	M16x1,5	28	62	12	26	8	19	8.5	28	72
32494.W0025	Steel	10	M16x1,5	28	62	12	26	8	19	9.5	38	74
32494.W0105	Stainless	6	M12x1,5	28	56	6	22	6	19	6.5	19	44
32494.W0110	Stainless	6	M12x1,5	28	56	9	22	6	19	6.0	25	45
32494.W0115	Stainless	8	M16x1,5	28	62	8	26	8	19	8.5	26	70
32494.W0120	Stainless	8	M16x1,5	28	62	12	26	8	19	8.5	28	72
32494.W0125	Stainless	10	M16x1,5	28	62	12	26	8	19	9.5	38	74



## A Wide Selection of Solutions

### Applications

- Locating and positioning.
- Indexing.
- Securing.
- Positive locking.
- Rapid adjustment of all kinds of tables, platforms and fixtures.
- Machine and fixture design.
- OEM products.
- Sports equipment.
- Medical aides (wheelchairs etc.).
- Aerospace.
- Machine cabinets.

### Materials



Steel with plastic grip



Stainless with plastic grip



Stainless body and grip

### Locking or Non Locking



Locking (park)



Non locking (spring back)



Push pull

### Handling and Actuation Methods



Standard grip



Lever grip



T-handle



Pull ring



Threaded for bespoke handle

### Mounting Options



Fine threaded (standard)



Coarse thread



Flange mount



Thin wall mount



Weldable

### Additional Technical Notes

- Unless otherwise stated, grips on index plungers are not removable.
- Many of the pins on index plungers are toleranced to either the pin or the hole. Please refer to the specific product table.
- Index plungers are not recommended for shear load applications.

	Pin Tol.	Hole Tol.
①	$h_9$	+0,03 +0,08
②	-0,02 -0,04	$H_7$

### Spring Loads

- s** Stroke, or movement of plunger's pin.
- f<sub>1</sub>** The force required in Newtons (N) to overcome the static strength of the spring and achieve initial movement of the plunger's pin.
- f<sub>2</sub>** The force required in Newtons (N) to fully compress the spring until the pin is fully depressed against the plunger's body.

