



## 32460

INDEX PLUNGER & PINS

### Material

Pin, Body & Bush: case-hardened steel, blackened and ground.  
Grip: thermoplastic, black.

### Technical Notes

Supplied part assembled to enable precise setting, grip and body must be glued after

mounting. Non removable once installed.

„**Locking**“ type - enable pin to be held in retracted/non-projecting position; pull back grip, turn 90 to engage „locking“ on a notched catch.

„**Non Locking**“ type - pin simply springs

back when grip released.

### Tips

When used for alignment of two sub-plates, the plunger's precise finish guarantees high repetition accuracy.  
Spring loads \* = statistical average.

Order No.	Type	$d_1$ -0.005 -0.01	$d_2$	$d_3$ tol. n6	$d_4$	$d_5$	$l_1$ min.	$l_2$	$l_3$	$l_4$	$l_5$	$l_6$	Spring load $F_1$ N ≈	Spring load $F_2$ N ≈	Weight g
<b>32460.W0010</b>	Non Locking	10	19	16	25	M 6	10	2,5	31	13	25,0		15	30	79
<b>32460.W0012</b>	Non Locking	12	23	20	32	M 8	10	3,0	35	13	33,0		15	35	138
<b>32460.W0016</b>	Non Locking	16	28	25	40	M10	10	3,0	42	13	41,5		20	50	226
<b>32460.W0020</b>	Non Locking	20	33	30	40	M10	10	3,0	50	13	41,5		36	63	350
<b>32460.W0025</b>	Non Locking	25	42	38	50	M10	10	3,0	60	13	51,0		20	73	649
<b>32460.W0060</b>	Locking	10	19	16	25	M 6	10	2,5	31	13	25,0	36,5	15	30	79
<b>32460.W0062</b>	Locking	12	23	20	32	M 8	10	3,0	35	13	33,0	44,5	15	35	136
<b>32460.W0066</b>	Locking	16	28	25	40	M10	10	3,0	42	13	41,5	53,0	20	50	228
<b>32460.W0070</b>	Locking	20	33	30	40	M10	10	3,0	50	13	41,5	53,0	36	63	350
<b>32460.W0075</b>	Locking	25	42	38	50	M10	10	3,0	60	13	51,0	62,5	20	73	649
<b>32460.W0090</b>	Bush	10	19	16			11	8,5							11
<b>32460.W0092</b>	Bush	12	23	20			13	10,0							22
<b>32460.W0093</b>	Bush	16	28	25			17	14,0							40
<b>32460.W0094</b>	Bush	20	33	30			16	13,0							51
<b>32460.W0096</b>	Bush	25	42	38			19	16,0							99





## A Wide Selection of Solutions

- 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.

## Applications

## Materials

## Locking or Non Locking

## Handling and Actuation Methods

## Mounting Options

## Additional Technical Notes

## Spring Loads



Steel with plastic grip



Stainless with plastic grip



Stainless body and grip



Locking (park)



Non locking (spring back)



Push pull



Standard grip



Lever grip



T-handle



Pull ring



Threaded for bespoke handle



Fine threaded (standard)



Coarse thread



Flange mount



Thin wall mount



Weldable

- 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	$H_7$

**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.

