

32752

INDEX PLUNGER & PINS

Material

Steel, nitrided.

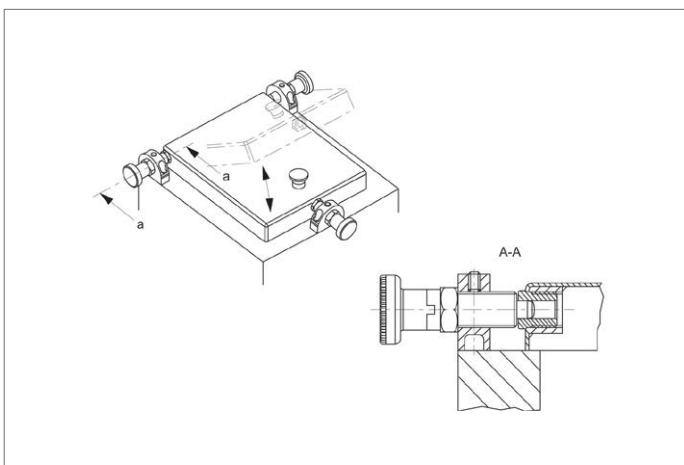
Technical Notes

For use with our wide range of index plun-

gers. Provide a durable location bush for index plunger pins of diameter d_2 . See „for pin dia.“ column in data table and refer to individual index plunger production infor-

mation for matching pin diameters.

Order No.	d_1	For pin dia.	d_2 +0.1	d_3 ± 0.3	l_1 min.	l_2 -0.3	l_3	A/F	Weight g
32752.W0454	M12x1,5	4	4.2	12.1	9	10	13	13	10
32752.W0455	M12x1,5	5	5.2	12.1	9	10	13	13	10
32752.W0456	M12x1,5	6	6.2	12.1	9	10	13	13	9
32752.W0458	M16x1,5	8	8.2	16.1	11	12	15	17	18
32752.W0460	M16x1,5	10	10.2	16.1	11	12	15	17	14
32752.W0462	M16x1,5	12	12.2	16.1	11	12	15	17	9





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.
- f₁** The force required in Newtons (N) to overcome the static strength of the spring and achieve initial movement of the plunger's pin.
- f₂** The force required in Newtons (N) to fully compress the spring until the pin is fully depressed against the plunger's body.

