



Metric table

Dimensions in: millimeters - inches

1	2	3	
GN 771.1			
d_{p6}	l₁	l₂	l₃
4 0.16	16 0.63	8 0.31	1.5 0.06
5 0.20	18 0.71	8 0.31	1.5 0.06
6 0.24	22 0.87	10 0.39	1.5 0.06
8 0.31	24 0.94	10 0.39	2 0.08
10 0.39	28 1.10	12 0.47	2 0.08
12 0.47	30 1.18	12 0.47	2.5 0.10
16 0.63	36 1.42	16 0.63	2.5 0.10
GN 771.2			
d_{p6}	l₁ ±0.1	l₂ ±0.1	l₃
6 0.24	19.5 0.77	7.5 0.30	1.5 0.06
8 0.31	23.5 0.93	9.5 0.37	2 0.08
10 0.39	27.5 1.08	11.5 0.45	2 0.08

Specification

- Steel
 - Hardened to HRC 62 +4
 - Fit surface d_{p6} / d_{h6} ground
- ISO Fundamental Tolerances → page 2129
- RoHS compliant

Accessory

- Press-fit drill bushings DIN 172 / DIN 179
→ page 1172
- Press-fit guide bushings GN 172.1 / GN 179.1
→ page 983

Information

GN 771.1 and GN 771.2 locating pins are normally used in conjunction with DIN 172 / DIN 179 drill bushings or GN 172.1 / GN 179.1 guide bushings.

The tolerance of d = p6 insures a perfect press fit into an H7 tolerance mounting bore. The chamfered end l₃ allows for simple installation.

see also...

- Indexing Plungers GN 817.3 / GN 817.5 (for Precision Locating) → page 980 / 981

How to order (Cylindrical) 1 2 3 GN 771.1-5-18-8	1 Diameter d
	2 Length l ₁
	3 Partial length l ₂
How to order (Conical) 1 2 3 GN 771.2-10-27.5-11.5	1 Diameter d
	2 Length l ₁
	3 Partial length l ₂