

Hardness Test Pencil



Simple, compact, and easy to use Hardness Test Pencil. The estimated or known spring tension is set with the help of the slider. Holding the instrument upright and placing its point on the test surface one draws a 5 to 10 mm long line at a rate of approximately 10 mm/sec.

The stylus should produce a scratch which is just visible to the naked eye. If the spring pressure is too high, the scratch is clearly visible; if too low, then no scratch appears. The applied pressure, fixed by locking the slider, is marked in Newtons.

Three scales are engraved into the test pencil for the three pressure ranges:

- No.1: 0 - 3 N (marked blue)
- No.2: 0 - 10 N (marked red)
- No.3: 0 - 20 N (marked yellow).



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Key Features

Compression Springs: spring steel

Test tips: tungsten carbide spheres

Total length: 160 mm

Diameter: 16 mm

Net Weight: 250 g

Standard kit includes 1 x Test tip: (0.75mm dia. -Bosch) 3 x Springs (0 - 3 N; 0 - 10 N; 0 - 20 N) 1x Plastic carrying case

Product Code	Description
T01-700015	Hardness Test Pencil Standard Kit
T01-700016	No.1 Test Tip (0.5 mm)
T01-700017	No.2 Test Tip (0.75 mm)
T01-700018	No.3 Test Tip (1.0 mm)
T01-700019	Blue Spring (0-3N)
T01-700020	Red Spring (0-10N)
T01-700021	Yellow Spring (0-20N)

