

Standard probe Type «D» for hardness tester TQ TKM-359CE



Standard probe Type «D» is included in the Basic delivery set of the Leeb Hardness tester **TQ TKM-359CE**

The Probe Type «D» is used for hardness testing:



- All basic types of metals and alloys without additional calibrations (structural, tool, corrosion-proof, heat-proof, non-corrosive steels and alloys as well as alloys of nonferrous metals, castiron, aluminium, bronze, brass);
- Items with surface hardening and high frequency current hardening;
- Items of complicated configuration;
- Heavy and big items with rough surface.

Advantages of Leeb probe

- Hardness measurement in hard-to-reach areas.
- The spatial position of the probe does not affect the measurement result.
- The robust housing is not subject to mechanical stress.
- Long service life.

Standard probe Type «D» for hardness tester TQ TKM-359CE

Probes characteristics

Photo	Probe Type	Weight/thickness/ surface roughness of the article under check	Length/ Diameter	Application
	«D»	3 kg/6 mm/Ra 3,2	138/21 mm	Solving of main hardness testing tasks with surface roughness less than 3.2 Ra
	«E»	3 kg/6 mm/Ra 3,2	138/21 mm	Probe with polycrystalline indenter made of cubic boron nitride to test materials with high hardness
	«C»	6 kg/55 mm/Ra 7,6	200/29 mm	Hardness testing of high structure inhomogeneity items with surface roughness more than 7.2 Ra

Exploitation

Standard probe Type «D» is designed to solving of main hardness testing tasks of metal products with surface roughness less than 3.2 Ra.

Requirements to controlled item:

- Items heavier than 3 kg and thicker than 6 mm need no additional preparation;
- Items with a thickness of less than 6 mm should be fixed in a vice clamp or on a support plate by fixing paste.

ATTENTION! If you buy only probe Type «D», the Hardness tester TQ TKM-359CE should be sent to the retrofit and alignment.

Technical specifications

Photo	Probe Type	Length/Diameter	Weight	Application
	«D»	138/21 mm	0,3 kg	Solving of main hardness testing tasks with surface roughness less than 3.2 Ra

Delivery set

Standard probe Type «D» – 1 piece