



PHYNIX CROSS HATCH CUTTER

Handy cross hatch cutter for measurements of adhesion of coating material on substrate.

Product Description

PHYNIX cross hatch cutters meet all cross cut standards. They consist of an exchangeable multiple blade device made of hardened tool steel, a rugged holdfast made of aluminium, as well as an ergonomically formed synthetic hand grip. The freely turnable hand grip always ensures the correct position of cutting edges on the surface during cutting.

The cylindrical cutting system consists of 6 cutting edges with 6 respectively 11 grinds each. High quality multiple blade devices made of tool steel ensure a long durability. After attrition of one cutting edge the device can easily be rotated to continue with a new unused edge. A hex key for an easy exchange of the blade, a brush to clean the scarified surface, as well as a magnifying glass for the evaluation of the edges cut are included in the delivery.

Application Areas

The condition of protective or decorative coatings plays a decisive role in maintaining the quality of a product. The better a coating is adhered to the substrate, the more reliable is the protection.

6 or 11 parallel cuts are made on the substrate with the cross hatch cutter. Subsequently these are crossed by 6 or 11 perpendicular cuts. After brushing off loose coating particles an evaluation is made with the magnifying glass according to reference pictures in a comparison chart.

CROSS HATCH CUTTER

You can choose from different models:

Product No.	Devices for measurements according to DIN EN ISO 2409	Blade distance
10405	Cross hatch cutter for coating thickness of 0–60 µm	1 mm
10246	Cross hatch cutter for coating thickness of 60–120 µm	2 mm
10382	Cross hatch cutter for coating thickness of 120–250 µm	3 mm

Product No.	Devices for measurements according to ASTM D3359-02	Blade distance
10723	Cross hatch cutter for coating thickness of 0–50 µm	1 mm
10726	Cross hatch cutter for coating thickness of 50–125 µm	2 mm

Supplement and Spare Parts:

Product No.	multiple blade device according to DIN EN ISO 2409
10704	Cross hatch blade 0–60 µm
10702	Cross hatch blade 60–120 µm
10703	Cross hatch blade 120–250 µm

Product No.	multiple blade device according to ASTM D3359-02
10724	Cross hatch blade 0–50 µm
10702	Cross hatch blade 50–125 µm

Delivery content

- Cross hatch cutter
- Cutting head with multiple blades with 1–3 mm blade distance
- Hex key for blade exchange
- Magnifying glass for reliable evaluation
- Brush to clean cut surfaces
- Carrying case
- Instruction manual

