

TEST REPORT



SIMPLEX Splitting Maul

Test number: 4894

OWNER OF TEST CERTIFICATE:

Erwin Halder KG
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Test Results and Evaluations



Simplex-splitting maul,

strike insert made of super plastic (Type 3007.160)

strike insert made of special nylon (Type 3008.160)

Erwin Halder KG; 88480 Achstetten-Bronnen, Erwin-Halder-Strasse 5-9

Application field

For semi-professional use, for splitting wood and striking wedges when preparing firewood

Test item	Test result
Splitting	Good splitting performance wedge at first thin then thickening (concave), may become stuck during splitting
Striking	Good transmission of hitting force Plastic insert protects wedges and reduces risk of chipping
Handling	Centre of gravity of the head biased towards splitting wedge, thus increasing risk of tilting the head when splitting tough wood.
Durability	Handle securely fixed to head by screw-clamp connection Hammer head is protected against damage. All components can be replaced individually
Safety	GS-tested

Description

Splitting maul with hickory handle; plastic or nylon strike insert; split insert with reversible nose and malleable cast iron clamping plates assembled

Technical data's

Overall length with handle	900 mm
Cutting edge	With blade protection made of leather
• width	65 mm
• height	60 mm
• length	230 mm
Wedge angle	concave
Ø plastic strike insert	60 mm
Total weight	4.250 g
Handle / Profile	Hickory / 27 mm x 41 mm
Material hardness according to DIN 7287 A	Hardened cutting edge 51-56 HRC

In the field of measurement tolerances, the Simplex splitting maul is still manufactured unchanged.

Test committee equipment and tools

Chairman: Dr. Sebastian Paar, Laubau

Test completion: April 2018

Approval until: April 2023

First approval: April 2008

Responsible test engineer:

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