

SIMPLEX soft-face mallets • Superplastic / nylon; with reinforced cast iron housing and fibre-glass handle EH 3778.



Product Description

The SIMPLEX series 3778 comes with the insert combination of superplastic / nylon. The superplastic insert (series 3207) allows for a more powerful impact force than the rubber insert. It is a medium hard plastic insert made of extruded and extremely homogeneous material. Compared to injection moulded plastic inserts, it is therefore considerably more wear-resistant and durable.

The nylon insert (series 3208) offers outstanding impact qualities and is guaranteed to combine maximum strength with unique durability. It is composed of extruded and extremely homogeneous material and will not chip even at temperatures below zero. Moreover, it is also oil and grease resistant.

The black, reinforced cast iron housing provides for greater stability thanks to the enlarged wall thicknesses and struts. The increase in weight ensures greater impact force.

Extremely rugged and durable, the fibre glass handle offers exceptional break resistance. It is shaped ergonomically and includes a non-slip handle. It possesses a smooth surface and is inorganic (non-sensitive to moisture).

In line with the smart SIMPLEX principle, all components are replaceable and can be retrofitted. This translates to savings in both money and resources.

This version is available in sizes ranging from D30mm to D80mm and as a sledge hammer (3778.081).

Product features:

- SIMPLEX soft-face mallet with the insert combination of superplastic (white, medium hard, very durable) / nylon (white, hard, very wear-resistant, no chipping even in sub-zero temperatures, oil and grease resistant).
- Reinforced cast iron housing with great stability boosts impact force by adding weight.
- Exceptionally rugged and durable fibre glass handle with non-slip grip, inorganic (non-sensitive to moisture).
- All parts can be replaced / retrofitted, resulting in great savings in cost and resources.
- Available in D30mm to 80mm and as a sledge hammer (3778.081).

Application Areas

Adjusting of workpieces, assembly of sharp-edged workpieces, housing assembly, mould construction, plant construction, hall construction, steel construction, exhibition stand construction, sheet-metal forming, repair and maintenance work

Material

Handle

- Fibreglass with rubber grip

insert 1

- Superplastic, white
- Medium hard
- Very durable
- Wear-resistant

insert 2

- Nylon, white
- hard
- Very wear-resistant
- no chipping (even at temperatures below zero)
- Oil and grease resistant

Housing

- Reinforced cast iron, black

Order information

Ø	Dimensions		Length x Width x Height [mm]	[g]	GTIN	proficl@ss 5.0	ecl@ss 10.1	Art. No.
30	90	300	300 x 90 x 34	450	4030618306375	AAA905c002	21-04-09-16	3778.030
40	115	325	325 x 115 x 40	960	4030618306382	AAA905c002	21-04-09-16	3778.040
50	135	335	335 x 135 x 50	1200	4030618306399	AAA905c002	21-04-09-16	3778.050
60	150	410	410 x 150 x 60	1750	4030618306405	AAA905c002	21-04-09-16	3778.060
80	175	490	490 x 175 x 80	3240	4030618306412	AAA905c002	21-04-09-16	3778.080

Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 27.06.2024.

Does not contain Proposition 65 substances

No Proposition 65 substances included.

<https://www.P65Warnings.ca.gov/>

Free from Conflict Minerals

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.