

SIMPLEX soft-face mallets • Superplastic / nylon; with aluminium housing and high-quality wooden handle
EH 3178.



Product Description

The SIMPLEX series 3178 comes with the insert combination of superplastic / nylon. The superplastic insert (series 3207) 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 extra light aluminium housing with built-in handle protection sleeve allows the user to easily apply and control the right amount of impact force. This makes it a cinch to process materials that break easily. Damping vibrations and shaped ergonomically, the high-quality wooden handle has a double coat of varnish in the grip area and is thus resistant to dirt. 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 D60mm..

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).
- The extra light aluminium housing with built-in handle protection sleeve allows the user to easily apply and control the right amount of impact force (ideal of work on materials that break easily).
- High-quality, vibration-damping, and ergonomically shaped wooden handle; grip area with double coat of varnish (resistant to dirt).
- All parts can be replaced / retrofitted, resulting in great savings in cost and resources.
- Available in sizes of D30mm to D60mm.

Application Areas

Positioning of light/delicate workpieces

Material

Handle

- Wood

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

- Aluminium Al

Order information

| Ø | Dimensions | | Length x Width x Height | [g] | GTIN | proficl@ss 5.0 | ecl@ss 10.1 | Art. No. |
|----|------------|------|-------------------------|-----|---------------|----------------|-------------|--------------------------|
| | [mm] | [mm] | | | | | | |
| 30 | 90 | 295 | 295 x 90 x 30 | 203 | 4030618305514 | AAA905c002 | 21-04-09-16 | 3178.030 |
| 40 | 115 | 325 | 325 x 115 x 40 | 385 | 4030618305521 | AAA905c002 | 21-04-09-16 | 3178.040 |
| 50 | 135 | 370 | 370 x 135 x 50 | 680 | 4030618305538 | AAA905c002 | 21-04-09-16 | 3178.050 |
| 60 | 150 | 405 | 405 x 150 x 60 | 900 | 4030618305545 | AAA905c002 | 21-04-09-16 | 3178.060 |

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 23.01.2024.

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.