



CERAMIC PLATES

Ceramic plates are a very high quality alternative to polymer and steel plates, where:

- **very high quantities** are printed
- a **very high life time** of the plate is requested
- **only the lowest possible abrasion** of the plate can be accepted

The main fields of application of ceramic plates are the clock and watch industry, the pharmaceutical industry as well as the medical technology. But the use of ceramic plates is possible also in all other industries.



The laser engraving enables, beside of the well-known etching depths of polymer and steel plates, fundamentally profounder etching depths. This makes possible to use pad printing also in other fields. With an engraving depth of for example 0.040 to 0.050 mm, it is possible to transfer other media as e.g. glue or media with large sized pigments.

Ceramic plates are subject to an extremely low abrasion. Therefore the ink is not contaminated by abraded parts. Additionally, the plate has a very high lifetime, which accommodates to the printing of important quantities. The storage of ceramic plates is possible without any problems. Contrary to steel plates, there is no danger of rust and an oiling does not apply as well.

Ceramic plates Lapped on one side	
Article-number	Size in mm
H06 060 060	60 x 60 x 6
H06 060 100	60 x 100 x 6
H06 060 150	60 x 150 x 10
H06 100 220	100 x 220 x 10
H06 150 220	150 x 220 x 10
H06 150 300	150 x 300 x 10

Ceramic plates are available in different standard sizes.

It is the choice of the customer, if he would like to receive a plate lapped on both sides, which is prepared for the engraving on both sides, or if he prefers a plate lapped on one side (to be engraved on one side only).

Ceramic plates Lapped on both sides	
Article-number	Size in mm
U06 060 060	60 x 60 x 6
U06 060 100	60 x 100 x 6
U06 060 150	60 x 150 x 10
U06 100 220	100 x 220 x 10
U06 150 220	150 x 220 x 10
U06 150 300	150 x 300 x 10

If ceramic plates are used in the sealed inking system, ink pots with ceramic or steel ring blades can be applied.

We recommend the use of ceramic ring blades for printings with light-coloured ink tones. In general we recommend trials to get the best possible results.