

Crystallographic orientation

Top face	Side face
[100]	[100]
[100]	[110]

Available dimensions

max. 15x15 mm
max. 30x30 mm

Thickness

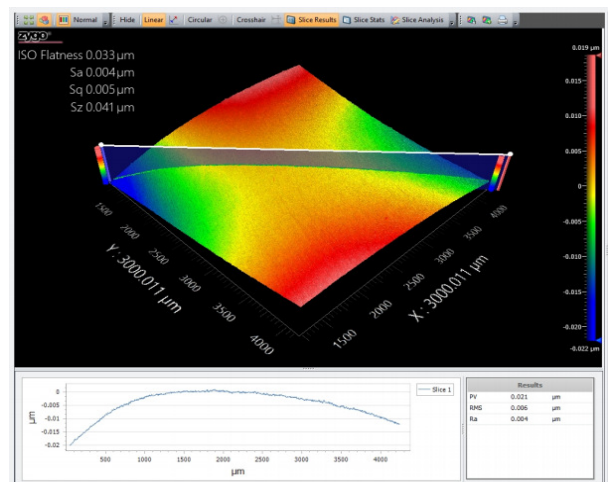
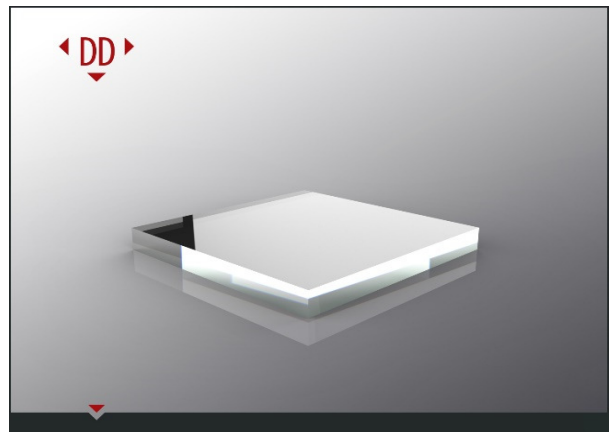
max. 2,4 mm
max. 2,4 mm

DD's standard tolerances*

Size	Roughness	Flatness	Parallelism
2 x 2 x 0,1 mm	< 20 nm	< 0,5 μm	< 5 μm
2 x 2 x 0,5 mm	< 10 nm	< 0,3 μm	< 5 μm
2 x 2 x 1 mm	< 5 nm	< 0,2 μm	< 5 μm
3 x 3 x 0,1 mm	< 20 nm	< 0,5 μm	< 5 μm
3 x 3 x 0,5 mm	< 10 nm	< 0,3 μm	< 5 μm
3 x 3 x 1 mm	< 5 nm	< 0,2 μm	< 5 μm
5 x 5 x 0,1 mm	< 30 nm	< 0,5 μm	< 5 μm
5 x 5 x 0,5 mm	< 20 nm	< 0,3 μm	< 5 μm
5 x 5 x 1 mm	< 10 nm	< 0,2 μm	< 5 μm
5 x 5 x 2 mm	< 5 nm	< 0,1 μm	< 5 μm
7 x 7 x 0,2 mm	< 30 nm	< 0,5 μm	< 10 μm
7 x 7 x 0,5 mm	< 20 nm	< 0,3 μm	< 10 μm
7 x 7 x 1 mm	< 10 nm	< 0,2 μm	< 10 μm
7 x 7 x 2 mm	< 5 nm	< 0,1 μm	< 10 μm
10 x 10 x 0,5 mm	< 20 nm	< 0,3 μm	< 20 μm
10 x 10 x 1 mm	< 10 nm	< 0,2 μm	< 20 μm
10 x 10 x 2 mm	< 5 nm	< 0,1 μm	< 20 μm
12 x 12 x 0,5 mm	< 20 nm	< 0,3 μm	< 30 μm
12 x 12 x 1 mm	< 10 nm	< 0,2 μm	< 30 μm
12 x 12 x 2 mm	< 5 nm	< 0,1 μm	< 30 μm
15 x 15 x 0,5 mm	< 20 nm	< 0,4 μm	< 40 μm
15 x 15 x 1 mm	< 10 nm	< 0,3 μm	< 40 μm
15 x 15 x 2 mm	< 5 nm	< 0,2 μm	< 40 μm
20 x 20 x 0,5 mm	< 20 nm	< 0,5 μm	< 50 μm
20 x 20 x 1 mm	< 10 nm	< 0,4 μm	< 50 μm
20 x 20 x 2 mm	< 5 nm	< 0,3 μm	< 50 μm
25 x 25 x 0,5 mm	< 20 nm	< 0,5 μm	< 60 μm
25 x 25 x 1 mm	< 10 nm	< 0,4 μm	< 60 μm
25 x 25 x 2 mm	< 5 nm	< 0,3 μm	< 60 μm
30 x 30 x 0,5 mm	< 20 nm	< 0,5 μm	< 70 μm
30 x 30 x 1 mm	< 10 nm	< 0,4 μm	< 70 μm
30 x 30 x 2 mm	< 5 nm	< 0,3 μm	< 70 μm

For measurements, the following applies:

Roughness Sa measured @ area 1x1 mm
Flatness measured @ area 1x1 mm



Other dimensions or geometries on request, round and rectangular shapes are possible as well within the square sizes as shown above.

* Smaller tolerances are possible, please ask us about our capabilities and let yourself be surprised.