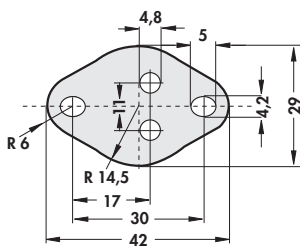


Aluminium-oxyscheiben

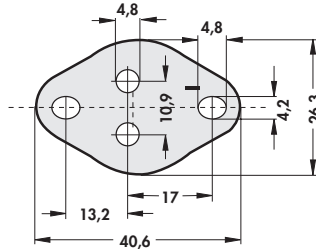
Aluminium oxide wafers

Entretoises en oxyde d'aluminium



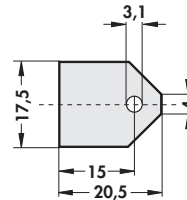
AOS 3 G

≡ 3,0 mm ▭ 0,1



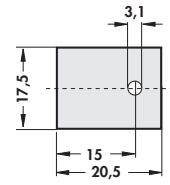
AOS 3

≡ 2,9 mm ▭ 0,123



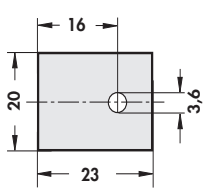
AOS 3 P

≡ 1,5 mm ▭ 0,061



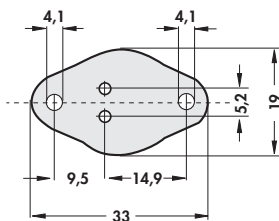
AOS 3 P SL

≡ 1,5 mm ▭ <0,15



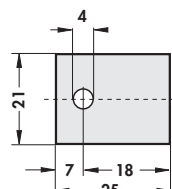
AOS 3 P 2

≡ 1,0 mm ▭ 0,15



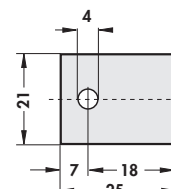
AOS 66

≡ 2,5 mm ▭ 0,10



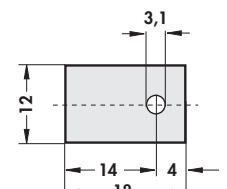
AOS 218 247

≡ 3,0 mm ▭ 0,15



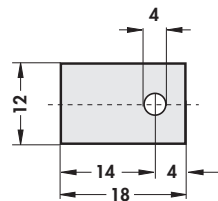
AOS 218 247 1

≡ 1,5 mm ▭ 0,02



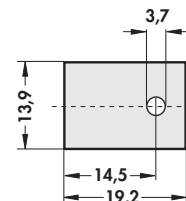
AOS 220

≡ 1,5 mm ▭ 0,054



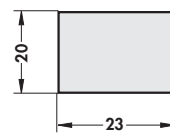
AOS 220 4

≡ 1,5 mm ▭ 0,054



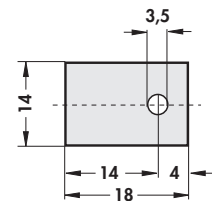
AOS 220 3

≡ 1,6 mm ▭ 0,11



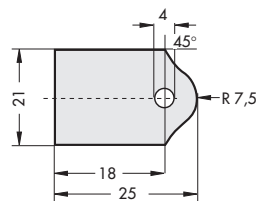
AOS 247

≡ 1,0 mm ▭ 0,02



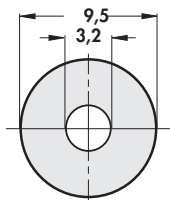
AOS 220 SL

≡ 4,5 mm ▭ 0,054



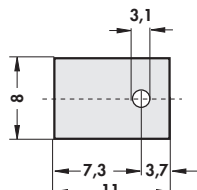
AOS 127

≡ 3,0 mm ▭ 0,076



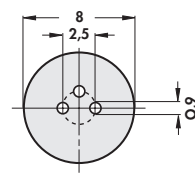
AOS 93

≡ 2,3 mm ▭ 0,03



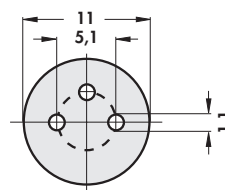
AOS 32

≡ 1,5 mm ▭ 0,033



AOS 18

≡ 1,5 mm ▭ 0,023



AOS 5

≡ 1,5 mm ▭ 0,032

▭ = Ebenheit mm / Planess mm / Planéité mm

≡ = Dicke / Thickness / Épaisseur

Technische Daten:

Material: Al_2O_3 - Keramik
 Spezifischer elektrischer Widerstand: $>10^{14} \Omega/cm$
 Durchschlagfestigkeit: 10 KV/mm
 Wärmewiderstand (AOS 3): 0,3 K/W
 Wärmeleitfähigkeit: 25 W/m K
 Linearer Ausdehnungskoeffizient: $\sim 8 \cdot 10^{-6}/K$
 Dielektrizitätskonstante: 9

Technical Data:

Material: Al_2O_3 - Ceramics
 Resistance: $>10^{14} \Omega/cm$
 Dielectric strength: 10 KV/mm
 Thermal resistance (AOS 3): 0,3 K/W
 Thermal conductivity: 25 W/m K
 Coefficient of linear expansion: $\sim 8 \cdot 10^{-6}/K$
 Dielectric constant: 9

Caractéristiques techniques:

Matière: Al_2O_3 - Céramique
 Résistivité: $>10^{14} \Omega/cm$
 Rigidité dielectrique: 10 KV/mm
 Résistance thermique (AOS 3): 0,3 K/W
 Conductibilité thermique: 25 W/m K
 Coefficient de dilatation linéaire: $\sim 8 \cdot 10^{-6}/K$
 Constante diélectrique: 9

Andere Stärken und Ausführungen auf Anfrage.

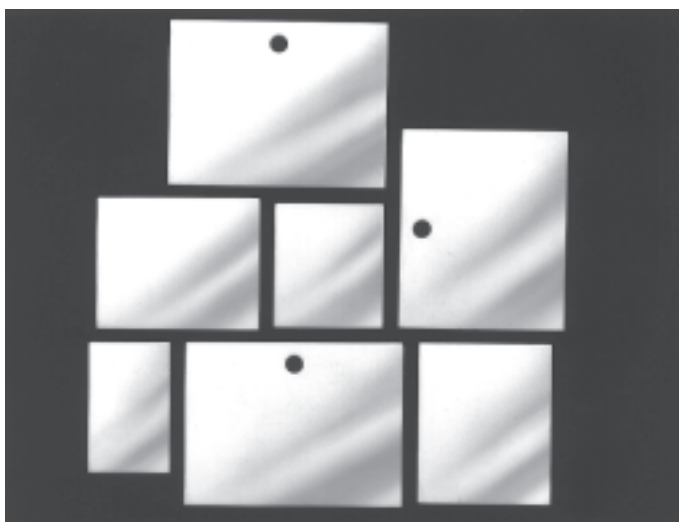
Other thicknesses and versions on request.

D'autres épaisseurs et versions sur demande.

Aluminiumoxydscheiben
nach Kundenangaben

Aluminium oxide wafers
according to customer's request

Entretoises en oxyde d'aluminium
suivant demande du client



- lasergeschnittene Ausführungen mit Konturen und Durchbrüchen nach Kundenangaben
- Material: AL_2O_3 (96%)
- Plattengrößen auf Anfrage

- laser-cut versions with outer dimensions and cutouts according to customer's request
- material: AL_2O_3 (96%)
- plate dimensions acc. to request

- versions coupées par laser avec contours et découpes suivant demande du client
- matière: AL_2O_3 (96%)
- dimensions de la plaque suivant demande

verfügbare Materialien

materials available

matériaux disponibles

Plattendicke material thickness épaisseur de plaques [mm]	Plattengröße outer dimensions dimensions extérieures [mm]
2,54	106,5 x 106,5
1,5	114 x 114 / 106,5 x 106,5
1,27	114 x 114
1	165 x 115 / 114 x 114 / 106,5 x 106,5
0,8	114 x 114 / 106,5 x 106,5
0,635	160 x 115 / 114 x 114
0,5	106,5 x 106,5
0,38	106,5 x 106,5
0,3	106,5 x 106,5
0,25	106,5 x 106,5

Glimmerscheiben
Silikonscheiben
Kapton – Unterlegscheiben
für Halbleiter

Mica wafers
Silicone washers
Kapton rubber washers for
semiconductors

Intercalaires mica
Rondelles au silicone
Rondelles Kapton pour
semiconducteurs

→ E 15
→ E 5 – 8
→ E 12