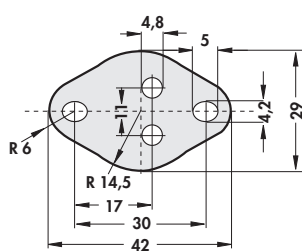


Aluminium-
oxydscheiben

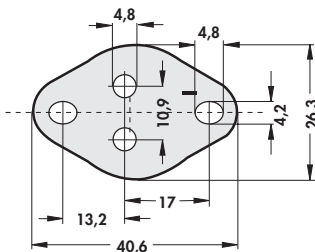
Aluminium
oxide wafers

Entretoises en
oxyde d'aluminium



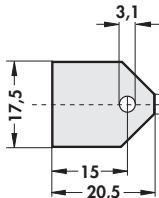
AOS 3 G

± 3,0 mm ▢ 0,1



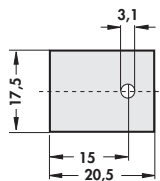
AOS 3

± 2,9 mm ▢ 0,123



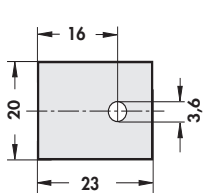
AOS 3 P

± 1,5 mm ▢ 0,061



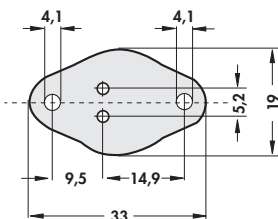
AOS 3 P SL

± 1,5 mm ▢ <0,15



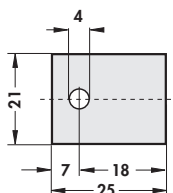
AOS 3 P 2

± 1,0 mm ▢ 0,15



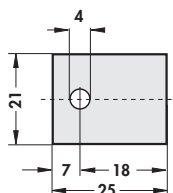
AOS 66

± 2,5 mm ▢ 0,10



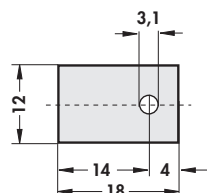
AOS 218 247

± 3,0 mm ▢ 0,15



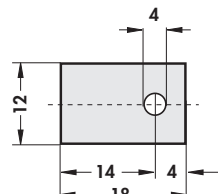
AOS 218 247 1

± 1,5 mm ▢ 0,02



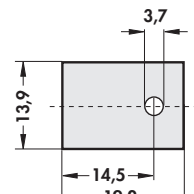
AOS 220

± 1,5 mm ▢ 0,054



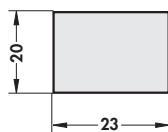
AOS 220 4

± 1,5 mm ▢ 0,054



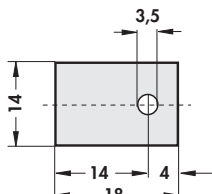
AOS 220 3

± 1,6 mm ▢ 0,11



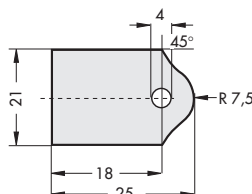
AOS 247

± 1,0 mm ▢ 0,02



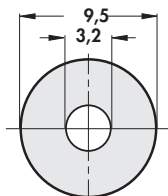
AOS 220 SL

± 4,5 mm ▢ 0,054



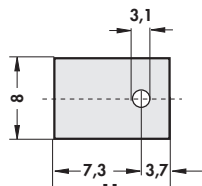
AOS 127

± 3,0 mm ▢ 0,076



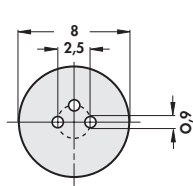
AOS 93

± 2,3 mm ▢ 0,03



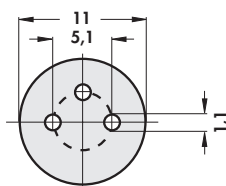
AOS 32

± 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 Ausdehnungs-
koeffizient: $\sim 8 \cdot 10^{-6}/K$
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 dilata-
tion linéaire: $\sim 8 \cdot 10^{-6}/K$
Constante diélectrique: 9

Andere Stärken und Ausführungen auf An-
frage.

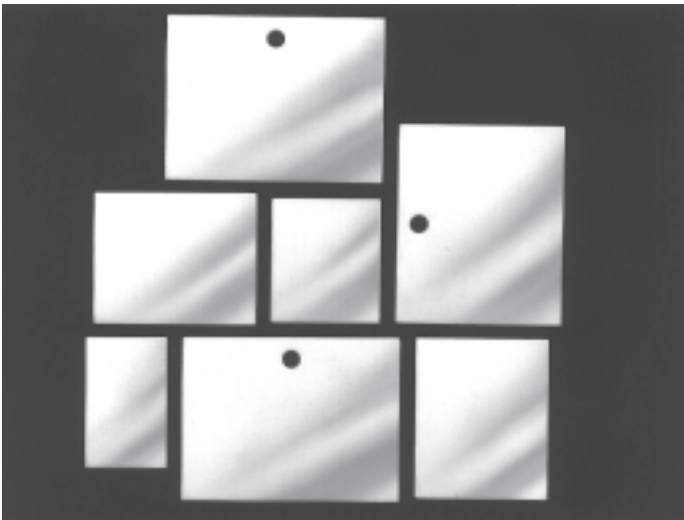
Other thicknesses and versions on request.

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
Kaptone rubber washers for
semiconducteurs

Intercalaires mica
Rondelles au silicone
Rondelles Kapton pour
semiconducteurs

→ E 15
→ E 5 – 8
→ E 12