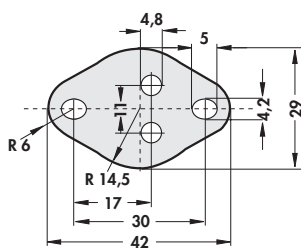


Aluminium- oxydscheiben

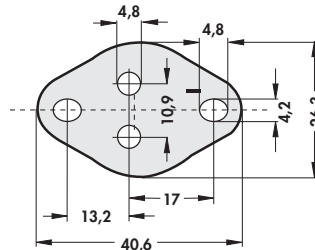
Aluminium oxide wafers

Entretoises en oxyde d'aluminium



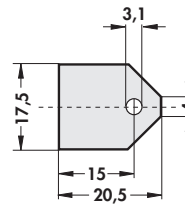
AOS 3 G

≡ 3,0 mm ▢ 0,1



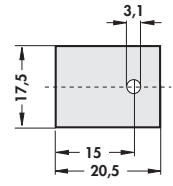
AOS 3

≡ 2,9 mm ▢ 0,123



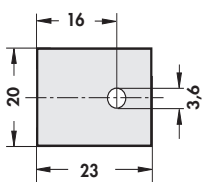
AOS 3 P

≡ 1,5 mm ▢ 0,061



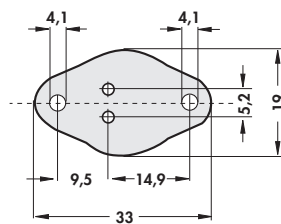
AOS 3 P SL

≡ 1,5 mm ▢ <0,15



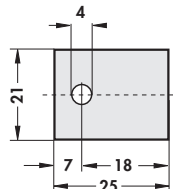
AOS 3 P 2

≡ 1,0 mm ▢ 0,15



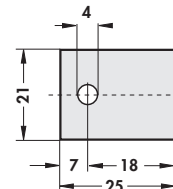
AOS 66

≡ 2,5 mm ▢ 0,10



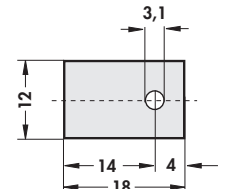
AOS 218 247

≡ 3,0 mm ▢ 0,15



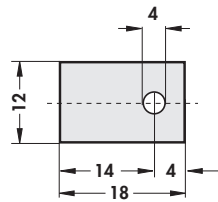
AOS 218 247 1

≡ 1,5 mm ▢ 0,02



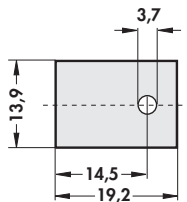
AOS 220

≡ 1,5 mm ▢ 0,054



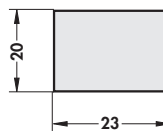
AOS 220 4

≡ 1,5 mm ▢ 0,054



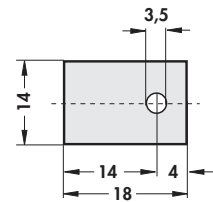
AOS 220 3

≡ 1,6 mm ▢ 0,11



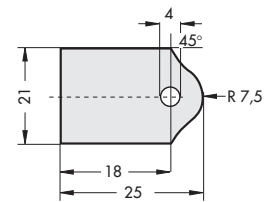
AOS 247

≡ 1,0 mm ▢ 0,02



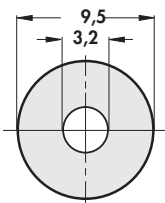
AOS 220 SL

≡ 4,5 mm ▢ 0,054



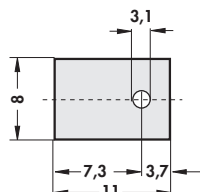
AOS 127

≡ 3,0 mm ▢ 0,076



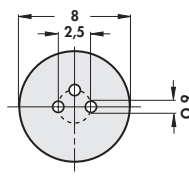
AOS 93

≡ 2,3 mm ▢ 0,03



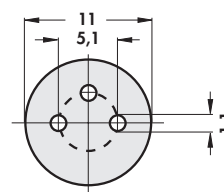
AOS 32

≡ 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 - Ceramic
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:

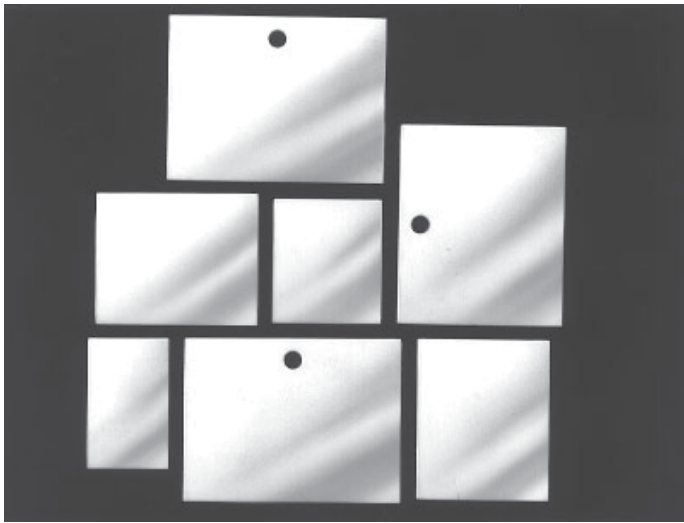
Matière: Al_2O_3 - Céramique
Résistivité: $>10^{14} \Omega/cm$
Rigidité diélectrique: 10 KV/mm
Résistance thermique
(AOS 3): 0,3 K/W
Conductibilité
thermique: 25 W/m K
Coefficient de dilata-
tion linéaire: $\sim 8 \cdot 10^{-6}/K$
Constante diélectrique: 9

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
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- 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