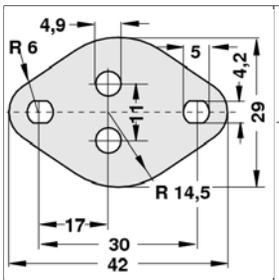
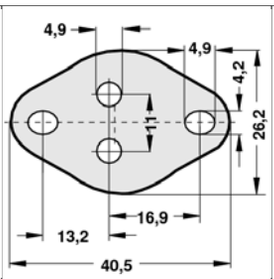
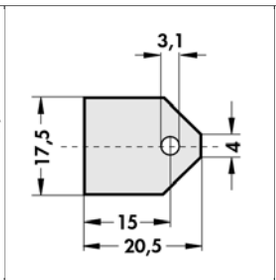
Aluminium oxide wafers



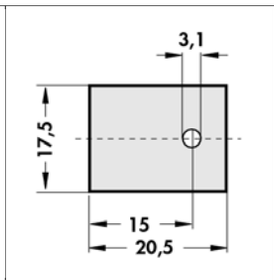
art. no.	AOS 3 G
⏊	3 mm
▱	0.1



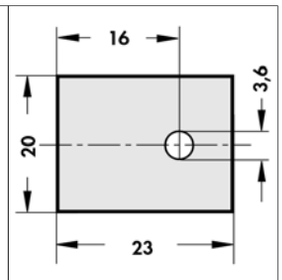
art. no.	AOS 3
⏊	2.9 mm
▱	0.123



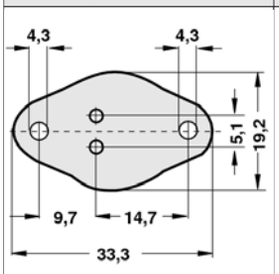
art. no.	AOS 3 P
⏊	1.5 mm
▱	0.061



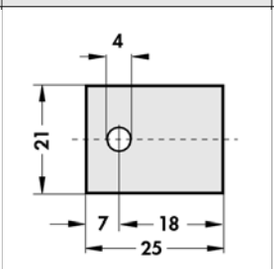
art. no.	AOS 3 P SL
⏊	1.5 mm
▱	0.15



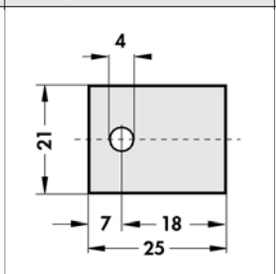
art. no.	AOS 3 P 2
⏊	1 mm
▱	0.15



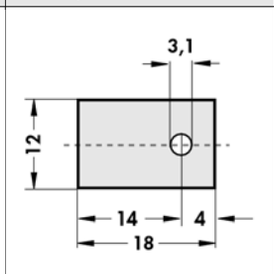
art. no.	AOS 66
⏊	2.5 mm
▱	0.10



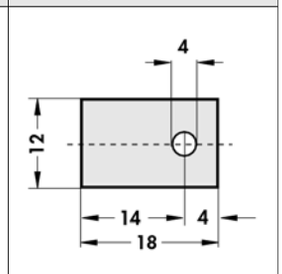
art. no.	AOS 218 247
⏊	3 mm
▱	0.15



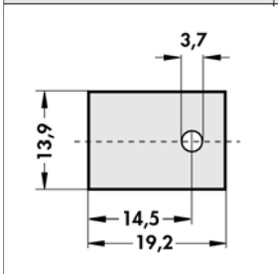
art. no.	AOS 218 247 1
⏊	1.5 mm
▱	0.02



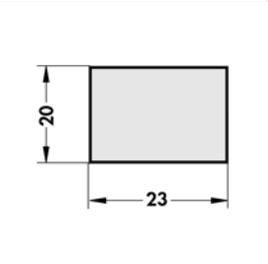
art. no.	AOS 220
⏊	1.5 mm
▱	0.054



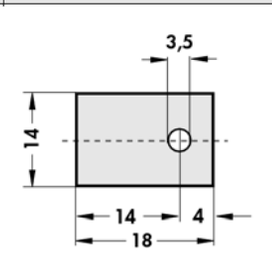
art. no.	AOS 220 4
⏊	1.5 mm
▱	0.054



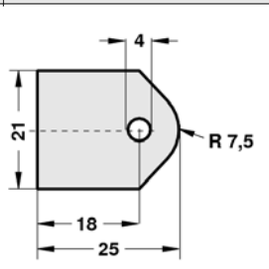
art. no.	AOS 220 3
⏊	1.6 mm
▱	0.11



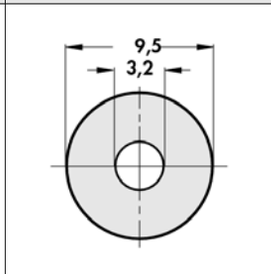
art. no.	AOS 247
⏊	1 mm
▱	0.02



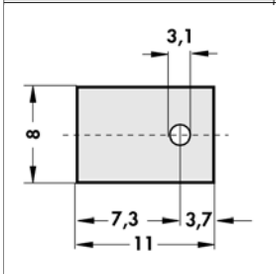
art. no.	AOS 220 SL
⏊	4.5 mm
▱	0.054



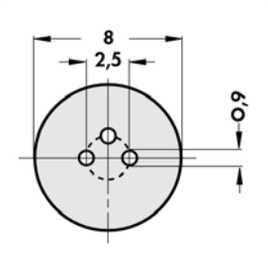
art. no.	AOS 127
⏊	3 mm
▱	0.076



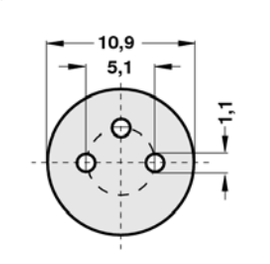
art. no.	AOS 93
⏊	2.3 mm
▱	0.03



art. no.	AOS 32
⏊	1.5 mm
▱	0.033



art. no.	AOS 18
⏊	1.5 mm
▱	0.023



art. no.	AOS 5
⏊	1.5 mm
▱	0.032

⏊ = thickness; ▱ = flatness
other thicknesses and versions on request

material	AL_2O_3 - ceramics
thermal resistance	0,3K/W
specific electrical resistance	$>10^{14}$ Ω/cm
thermal conductivity	25 W/mK
dielectric constant	9
linear expansion coefficient	~8·10-6/K
snap through stability	10 KV/mm

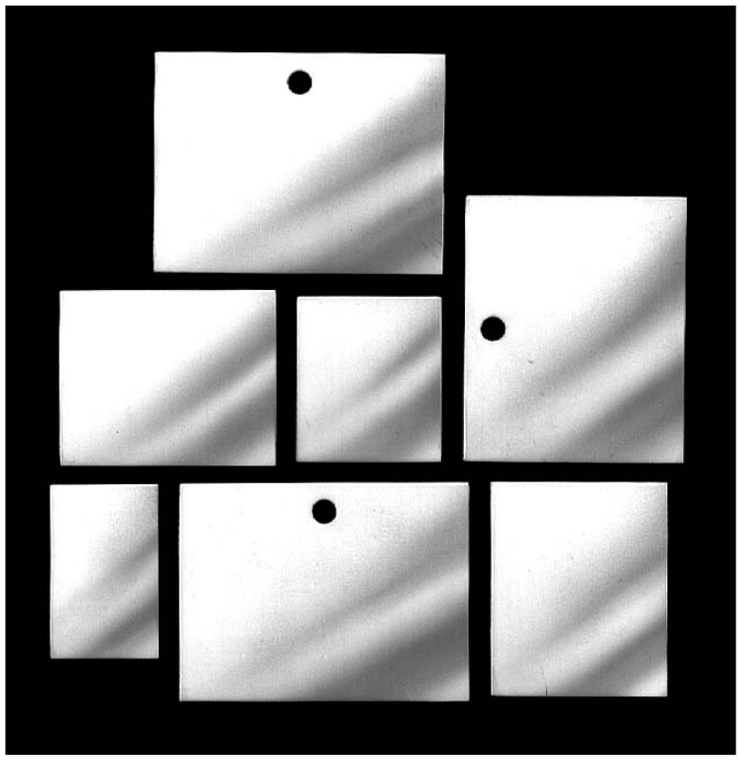
Profiles for PCB components → **A ?**
Heatsinks for PCB → **A ? – ?**
Profiles for PCB mounting → **A ? – ?**
Heatsinks for transistors → **C ? – ?**
Finger-shaped heatsinks → **C ? – ?**
Distance sleeves → **E ? – ?**
Spacers → **E ? – ?**
GEL thermal conductive foil → **E ?**

fischer elektronik

Aluminium oxide wafers

Aluminium oxide wafers according to customer's instuctions

– laser-cut versions with outer dimensions and cutouts according to customer's requirements
– other plate dimensions on request



material thickness [mm]	outer dimensions [mm]
2.540	114 x 114
2.000	114 x 114
1.500	114 x 114
1.270	114 x 114
1.000	114 x 114/ 160 x 113/ 165 x 115
0.800	114 x 114/ 160 x 113/ 165 x 115
0.635	106,5 x 106,5/ 114 x 114/ 160 x 113/ 165 x 115
0.500	106,5 x 106,5/ 114 x 114
0.400	106,5 x 106,5/ 114 x 114
0.300	106,5 x 106,5/ 114 x 114
0.250	106,5 x 106,5/ 114 x 114

Heatsinks for transistors → **C ? – ?**
Finger-shaped heatsinks → **C ? – ?**
Insulting clamping parts → **E ?**
Mounting material for semiconduct. → **E ? – ?**
Kapton insulator washers → **E ?**
GEL thermal conductive foil → **E ?**
Insulator sleeves → **E ?**
Heatsinks for PCB → **A ?**