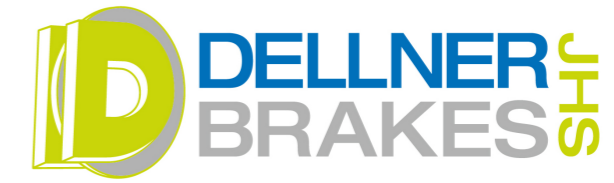


# Brake pads for active yaw brake calipers



hält



In logistics, all these components pass through my hands and I know how heavy entire braking systems can be. Therefore, it's amazing how much these light pads can sustain.

Christoph Neuhaus, Logistics

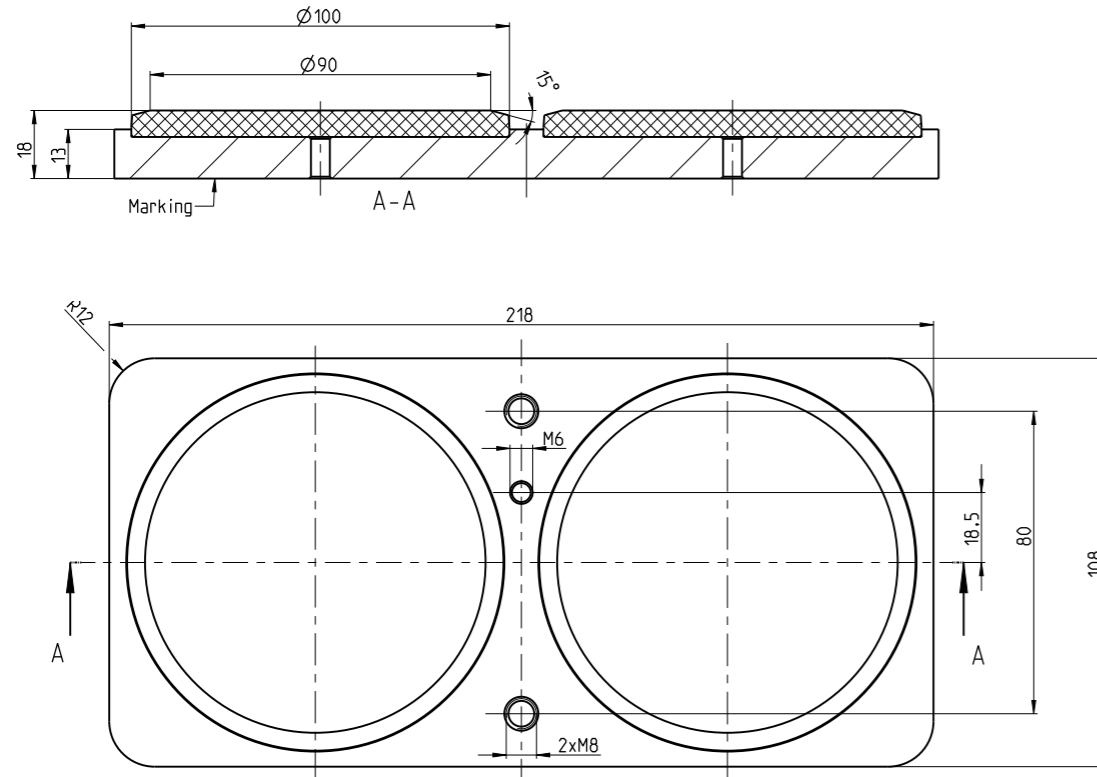


## Brake pad 218x108

- Stick-slip free running
- No adhesive friction
- Emergency operation qualities (brake disc remain undamaged when brake pads are worn)
- No corrosion prevention needed
- Saving in weight of 75% (against conventional brake pads)
- Resistant against leaking oils and greases



Brake pad 218x108



**TYPE BRAKE PAD 218x108**

Max. dynamic load	100 N/mm <sup>2</sup>
Max. static load	200 N/mm <sup>2</sup>
Max. sliding speed	0,5 m/s
Temperature range	-40 / +100 °C
Hardness of counter material	>160 HB
Surface roughness of counter material (Ra)	3,2-6,3* $\mu$ m

\*operation safety for pads Ra from 0,8 - 6,3  $\mu$ m

**CHEMICAL RESISTANCE**

- JHS-1604 has a high resistance to corrosive media
- Suitability for other chemicals and media should be determined experimentally according to for Example DIN50905 or ASTM D543

**APPLICATIONS**

- JHS-1604 is a composite material for yaw brakes
- The supporting layer consists of glass-fibre reinforced epoxy resin, the sliding layer is composed of a compound of epoxy resin, filled with a combination of different solid lubrications and brake additives
- The glass-fibre reinforced supporting layer in combination with the sliding layer, which has been applied by a specific casting process, leads to very high stability characteristics and high load capacity and offers very good tribological characteristics with low wear