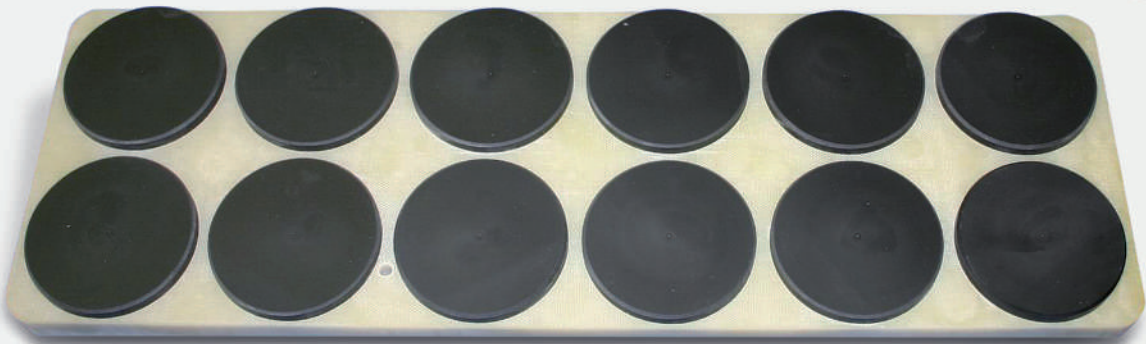
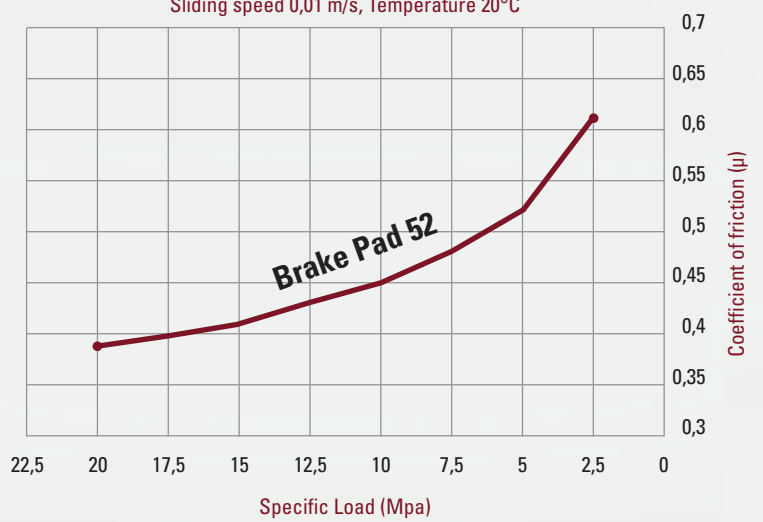


Brake Pad 52 for YAW Brake Application



Sliding speed 0,01 m/s, Temperature 20°C



PINTSCH BUBENZER
is certified according to
DIN EN ISO 9001:2015



Reliable



High Performance



Robust Design



Easy Maintenance

Description Brake Pad 52



Main Features

Slip-stick free running
No adhesive friction
Emergency operation qualities (brake disks remain undamaged when brake pads are worn)
No corrosion prevention needed
Saving in weight of 75 % (against conventional brake pads)
In combination with JSF-grease largely insensitive against leaking oils and greases
Noiseless Sliding
Low Wear Rate

Chemical Resistance

Brake Pad 52 has a high resistance to corrosive media. The material is resistant against different media. Suitability for other chemicals and media should be determined experimentally according to for example DIN 50905 or ASTM D543

Applications

Brake Pad 52 is a composite material for yaw-brakes. The supporting layer consists of glass-fibre reinforced epoxy resin, the sliding layer 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 and very good temperature resistance



Please Note

We supply a detailed operating manual with every order. Nevertheless, we would point out that brakes are only as safe as the servicing and maintenance performed while they are in operation. The guarantee for the correct functioning of our brakes is therefore only valid if the user adheres to the German DIN standard 15434 part 2 (drum and disc brakes, servicing and maintenance in operation), or to comparable standards in his own country.



PINTSCH BUBENZER Service

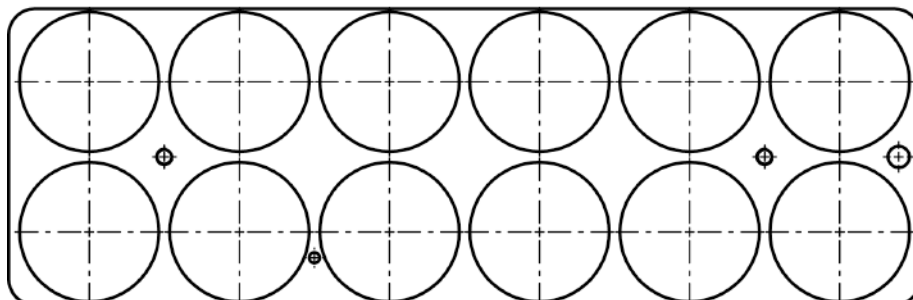
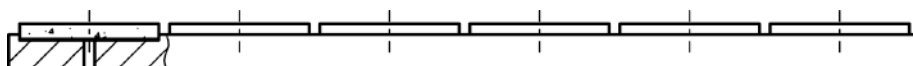
This includes the verification of the brake selection, if required. A detailed questionnaire is provided for this purpose. Installation and commissioning on site is possible by PINTSCH BUBENZER service engineers. Drawings as DWG/DXF files for your engineering department are available upon request.

Brake Pad 52

Dimensions and technical data



Rev. 05-09



Material characteristics Requirement for the counter material		
Max. dynamic load	100	N/mm ²
Max. static load	200	N/mm ²
Max. sliding speed	0,5	m/s
Typical friction coefficient	0,38 – 0,62	μ
Temperature range	-100 bis 190	°C
Hardness of counter material	> 160	HB
Surface roughness of counter material (Ra)	0,2 – 3,2	μm

*) Average friction factor of standard material combination dependent upon operational conditions

All dimensions in mm
Alterations reserved without notice

Material properties are no assured properties. They are dependent on the individual installation situation and on load, velocity, temperature, surface roughness, lubrication etc.