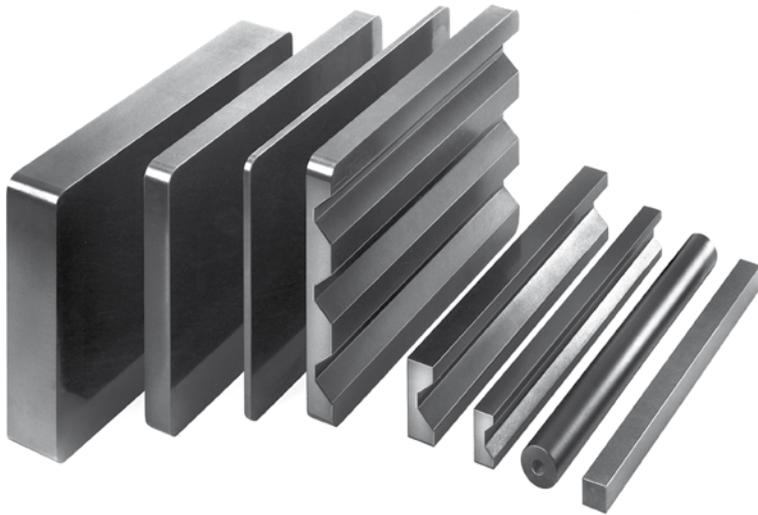
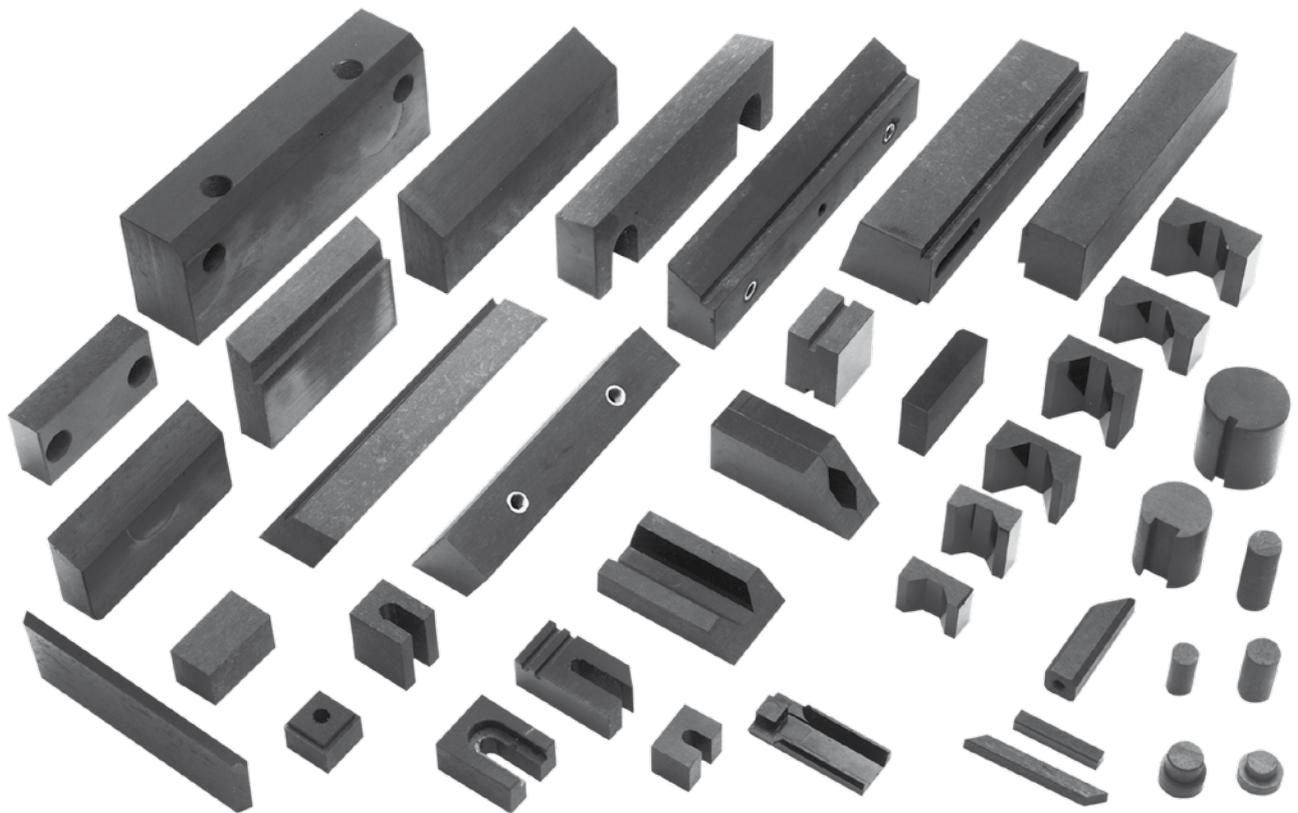


CHACO

Low Friction Material



Original plates and bars as semimanufactured products, as well as tailor-made guiding elements and pressure guides are made of the CHACO Low Friction Material.



The original CHACO Low Friction Material

The CHACO Low Friction Material, a high quality plastic moulding compound, was for the first time introduced in the 50's and since then continuously improved to hold its superior qualities that made it the leading gliding and guiding material in connection with saw guides for band and circular saws throughout the world. The following, for this application most important characteristics are: **Extremely slow wear, low coefficient of friction, temperature rise at blade negligible, self-lubrication, temperature resistance up to 150 °C (302 °F), good compatibility to (Diesel) oil, water, ice, as well as to light acids and bases.** These and other outstanding features have convinced many of the leading saw manufacturers to equip their machines with CHACO saw guides, guiding elements or pressure guides made from the CHACO low friction material.

Besides this, the most important application, there is a great number of other guiding and friction problems, especially in connection with the movement of heavy machine supports, slip stick effect, missing or insufficient lubrication, external installations exposed to water, heat, frost etc., which can be solved. The following bars and plates made of the CHACO low friction material are available as semi-manufactured products, and are being used for the manufacturing of tailor-made parts as guiding elements in various executions, such as cubic blocks of any shape, round and square bars, U-pieces, bushings, sleeves, liners, flanges etc.:

Solid Plates: **365 x 200 x 24 / 31 / 35 / 42 and 51 mm** (14.37 x 7.87 x .94 / 1.22 / 1.38 / 1.65 and 2.01 inch) for the manufacturing of guiding elements and pressure guides.
Other sizes are available upon request.

Profiled Plate: **365 x 200 x 23,5 mm** (14.37 x 7.87 x .94 inch) for the manufacturing of profiled elements with a height of 40 to 85 mm (1.57 to 3.35 in.) as used in ordinary guides.

Profiled Bars: **290 x 39 x 17 mm** (11.42 x 1.54 x .67 in.) and **365 x 40 to 85 x 23,5 mm** (14.37x1.57 to 3.35 x .94 in.) for the manufacturing of profiled elements with a height of 39 to 85 mm (1.54 to 3.35 in.) as used in ordinary saw guides.

As a result of the manufacturing process, dimensions of original CHACO plates and bars may vary +0,5/-0 mm. In order to rationalise production, it is recommended to select where ever possible one dimension of the part to be equal to the thickness of one of the plates (24 +0,5/-0 mm, 31 +0,5/-0 mm, 35 +0,5/-0 and so on). Up to this day, drawings of more than 3'000 different guides have been accumulated. Therefore, we kindly ask you to include a drawing or a sample part with your order or with a request for quotation.

Do you have other questions or any guiding problem waiting to be solved? Call us, our specialists will be glad to assist you. They may have solved a similar or identical problem before anywhere in the world.

Important information for the user

Machining methods:

The CHACO low friction material can be machined using the following machining methods: Sawing, milling, turning, drilling and grinding. In order to keep costs for tooling low, it is recommended to use tools with cutting teeth made of T.C., PCD or HSS.

Questions of health:

The CHACO low friction material is manufactured in accordance with the ISO / DIN safety norm no. 7708.

Furthermore, we confirm that our material does not contain any asbestos fibres or solvents. Do you have further questions?

Ask for our brochure: „**CHACO low friction material: health questions**“.

<p>Manufacturers:</p> <p>CHACO PRODUCTS LTD. Stettbachstrasse 10 CH-8600 Dübendorf / Switzerland Telephone +41 43 819 12 12 Telefax +41 43 819 12 15 E-Mail mail@chaco.ch www.chaco.ch</p>	<p>Represented by:</p>
---	------------------------