Steel plate preparation

Surface grinding, coating of the steel plate surface by electroplating in galvanic bath (galvanizing)

Steel plate production

Manufacturing through punching and laser cutting in special tools, also further processing of counter steel plates (steel opposing plates)

Post-sintering machining

Surface grinding, milling of groove patterns and channels (e.g. honeycomb pattern, radial or spiral grooving patterns, circular grooves)

Sintering process under pressure and protective atmosphere in about 2½ hours, annealing below the melting temperature of main constituent, diffusion and recrystallization processes

Sintered friction lining

Densification of powder to green compacts (pressed powder parts) in special designed compacting tools

Press sintering method

Press sintering method

Additional processing

Brushing and deburring edges, surface polishing, further heat treatment such as hardening or surface hardening

Sintered friction materials

Surface grinding parallel lines

Sintered friction materials

Sintered friction lining

Press sintering method

Sintered friction materials

Press sintering method

Sintered friction lining

Sintered friction lining

Surface grinding spiral pattern

Sintered friction lining

Sintered friction lining

Sintered friction lining

Sintered friction lining

Sintered friction lining

Sintered friction lining

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