



PROCESS			max. Dimensions
Vacuum hardening			1500 mm x 3000 mm
Vacuum hardening	Vacuum annealing	Vacuum carburizing	Low pressure carburizing
SoNit®-A SoNit®-M	Deep cooling	Age hardening	
Case-hardening / Carbonitriding			1500 mm x 3000 mm
Carburizing	Hardening	Insulating	
Quenching			1500 mm x 3000 mm
Nitriding			ø 3000 mm x 4500 mm
Gas nitriding	Gas- / plasma-nitrocarburization	Gas- / plasma-nitrocarburization oX	Plasma-nitriding
Salt bath nitrocarburization	Tenifer® QPQ		
Inductive hardening			ø 2000 mm x 6000 mm
Inductive hardening HF	Inductive hardening MF	Gear tooth systems up to module 40	Cylindric workpieces, ø 6 – 1000 mm
Annealing			5000 mm x 5000 mm x 12000 mm
Vacuum annealing	Stress relief annealing	Soft-annealing	Normal annealing
Solution annealing	Coarse-grain annealing	Sub-critical annealing	Homogenizing
Blasting			3100 mm x 6000 mm
Sandblasting	Glass bead blasting	Steel ball blasting	Priming
Bronzing			3000 mm x 1200 mm x 450 mm
Quality Assurance			2000 mm x 6000 mm
High-Tech-Laboratory	Spectroanalytical Material Testing	Metallographic Investigations	Microstructure investigation
Determination of the hardness depths	Measuring the Hardness curves	hardness tests after Brinell	hardness tests after Vickers
Hardness tests in Rockwell method	destructive Penetrant crack inspection	determination the process ability	hardness advice
Damage analyzes	Detailed documentation of all orders		

Transport service between 0 – 40 tons