

1. GENERAL INFORMATION

	MAX. DIMENSIONS	MAX. WEIGHT	MATERIALS	APPLICATIONS
ANNEALING	600 x 900 x 570 mm 400 x 600 x 40 mm	600 kg 200 kg	<ul style="list-style-type: none"> ■ All steels ■ Aluminium alloys ■ Copper alloys 	<ul style="list-style-type: none"> ■ Reducing of internal tensions ■ Reducing the hardness for optimising the component properties ■ Reducing the grain size ■ Balancing the concentration differences
BURNISHING AND MANGANESE PHOSPHATING	1580 x 380 x 760 mm	350 kg	<ul style="list-style-type: none"> ■ Low- and unalloyed steels 	<ul style="list-style-type: none"> ■ Tools ■ Visible parts in mechanical engineering ■ Turned parts
GASNITRIDING UND GAS CARBONITRIDING	1800 x 900 x 900 mm	2500 kg	<ul style="list-style-type: none"> ■ All steels, nitriding steel preferred 	<ul style="list-style-type: none"> ■ Pistons ■ Spindles ■ Gearwheels ■ Gear components ■ Hydraulic components ■ Tools
SALT BATH CARBONITRIDING	Ø 680 x 900 mm	350 kg	<ul style="list-style-type: none"> ■ All steels, nitriding steel preferred 	<ul style="list-style-type: none"> ■ Wear-resistant parts ■ Pistons ■ Spindles ■ Gearwheels ■ Gear components ■ Hydraulic components ■ Tools
VACUUM HARDENING	600 x 900 x 570 mm 400 x 600 x 400 mm	600 kg 200 kg	<ul style="list-style-type: none"> ■ High-alloyed tool steels ■ Rustproof and acid-resistant steels ■ High-speed steels ■ Powder-metallurgical steels ■ Aluminium alloys and copper alloys 	<ul style="list-style-type: none"> ■ Tools ■ Moulds ■ Dies ■ Shafts ■ Medical instruments ■ Turned parts
LOW-TEMPERATURE COOLING	600 x 900 x 570 mm	600 kg	<ul style="list-style-type: none"> ■ Low-alloyed steels if they have been vacuum-cured ■ High-alloyed ledeburitic tool steels 	<ul style="list-style-type: none"> ■ Tools (stamping, injection moulding etc.) ■ Turned parts
PROTECTIVE GAS HARDENING	500 x 820 x 550 mm	350 kg	<ul style="list-style-type: none"> ■ Low-, medium-, and unalloyed steels ■ Tempering and nitriding steels 	<ul style="list-style-type: none"> ■ Gearwheels, pinions ■ Gear components ■ Shafts ■ Turned parts