



- ▶ Quality management system according to DIN EN ISO 9001
- ▶ Energy management system according to DIN EN ISO 50001

<b>Orderer:</b>		<b>Order / order no.:</b>	
<b>Contact person:</b>		<b>Creator:</b>	<b>Date:</b>
<b>Self delivery:</b>	<b>Collection:</b>	<b>Parcel service::</b>	<b>Other:</b>
<b>Component:</b>	<b>Drawing / Article No.:</b>	<b>Material:</b>	<b>Quantity:</b>
1.	1.	1.	1.
2.	2.	2.	2.
3.	3.	3.	3.
4.	4.	4.	4.

### Treatment

Operation		Operation
Shrink		Bath nitriding (TF1) / 30/60/90/120/180 min.
judge		Bath nitriding (TF1) 240 min.
Special heat treatment fixed price		Bath nitriding (TF1) and blasting
Hardening and tempering (high temperature)		Long-term gas nitriding
Case hardening		Isolation and long-term gas nitriding
Insulation and case hardening		Plasma nitriding / ionitriding
Inserts and glow		Isolation and plasma nitriding / ion nitriding
Hardening from the use bath		Q-P-Q nitriding
Vacuum hardening		Gas nitrocarburizing (GNC)
Vacuum age hardening		Isolation and gas nitrocarburizing (GNC)
Quenching		Gas nitrocarburizing and oxidizing (GNC-Ox)
Carbonitriding		Isolate and GNC-Ox
Isolate and carbonate		Inductive hardening
Stress relief annealing		Induction hardening and tempering
Stress relief annealing under inert gas		Induction hardening, tempering and straightening
Annealing under inert gas at 930 ° C		Inductive hardening (high temperature)
Annealing		Inductive annealing
Soft annealing under inert gas		Flame hardening
Normalizing		Harden teeth
Normalizing under inert gas		Tooth hardening (from module 8)
Solution annealing		Surface hardening
Sandblasting		Material analysis
Glass bead blasting		Factory test certificate
Steel shot blasting		Hardness curve
Bronzing		Hardness test
Tempering		Crack testing
Shrink		Metallographic examination
Bend straight		Salt spray test
Special heat treatment-fixed price		Laboratory work

<b>Required hardness / strength:</b>	<b>Required hardening depth:</b>	<b>Others:</b>
HRC	SHD (Rht)	
HV	CHD (Eht)	
HBW	NHD (Nht)	
Rm	CLT (VS)	