

TC-360V

Special steel

Chemical composition:	C	Si	Cr	Mo	V	W
Approximate values in %:	1,15	1,00	8,00	1,50	2,40	1,20

Description and applications:

TC-360V is an air-hardening special steel with excellent toughness and resistance to compression and wear for applications, where these properties of ledeburitic chromium steels are not enough.

Applications: cutting, blanking and punching tools, stamping tools, shear blades, thread rolling dies, cutters for plastic and cable recycling,...

Heat treatment:

Hot forming:	1050 – 850°C / slow cooling in furnace
Soft annealing:	840 – 870°C / slow cooling in furnace
Brinell-hardness after annealing:	max. 250 HB
Stress relieving:	650°C / slow cooling in furnace
Preheating to hardening:	850°C
Hardening:	1040 – 1090°C
Quenching:	air, oil
Tempering:	minimum 3 times

Tempering chart:

