

STEEL TOOLOX 33

Plates, rolled, quenched and tempered to 275 - 325 HBW	16	20	25	30	35	40	45	50	55	60	65	70	80
	90	100											

TOOLOX 33 Tool steel

Product description:

Toolox 33 is delivered quenched and tempered with high toughness and low residual tension to achieve good dimensional stability after machining.

Toolox 33 is designed for production of frames of injection moulds for plastics and rubber, pressing tools. It is also suitable for production of parts of machines and devices. When used correctly, it may prolong lifetime of tools and their components.

Toolox33 is not used for further heat treatment. Nitriding or surface coating may be done if the temperature does not exceed 590°C. Very well polishable.

Toolox33 regularly replaces steels 1.1191 / 1.2311 / 1.2312 / 1.2738 / 1.6523 / 1.6587 / 1.7225 / 1.8550 used for production of parts of machines and devices, production of moulds for hot forming work and their base plates.

Mechanical properties

hardness HBW

275–325

according to EN ISO 6506-1

impact strength

min. 35 J

according to EN 1025, EN ISO 148

ultrasonic testing

according to EN 10160