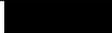


STEEL TOOLOX 44

 Round bars rolled, peeled quenched and tempered to 410 - 475 HBW	21	26	31	36	41	46	51	56	61	66	71	81	91
	101	111	121	131	141								

 Plates - rolled, quenched and tempered 410 - 475 HBW	6	8	10	12	14	16	20	25	30	35	40	45	50
	55	60	65	70	75	80	90	100	110	120	130		

TOOLOX 44 Tool steel

Product description:

Toolox44 is delivered quenched and tempered with high toughness and low residual tension to achieve good dimensional stability after machining.

Toolox 44 is designed for production of moulds for plastics, pressing tools, moulds for pressure die casting. It is also suitable for production of parts of machines and devices. When used correctly, it may prolong lifetime of tools and their components.

Toolox 44 is not designed for further heat treatment. Nitriding or surface coating may be done if the temperature does not exceed 590°C. It is very well polishable.

Toolox 44 is delivered in plates from 6 up to 130 mm thickness and in round bars, it's semi-products are sawn off with band saws.

Toolox 44 regularly replaces steels 1.2080 / 1.2343 / 1.2344 / 1.2379 / 1.2714 / 1.2738 HH / 1.2767 / 1.2842.

Mechanical properties

Hardness HBW	410 – 475	according to EN ISO 6506-1
Impact strenght	min. 18 J	according to EN 1025, EN ISO 148
Ultrasonic testing		according to EN 10160