

HARDOX® 600**ABRASION RESISTANT PLATE**

HARDOX 600 is an abrasion resistant plate with a hardness of about 600 HB, intended for applications where demands are imposed on abrasion resistance.

APPLICATIONS	Crushers, sieves, feeders, measuring pockets, skips, journals, cutting edges, conveyors, buckets, knives, gears, sprockets, etc.							
CHEMICAL COMPOSITION (charge analysis)	C	Si	Mn	P	S	Cr	Ni	Mo
	max	max	max	max	max	max	max	max
	%	%	%	%	%	%	%	%
	0,48	0,7	1,0	0,015	0,010	1,2	2,5	0,8
	The steel is grain-refined.							
HARDNESS	HBW 560 – 640							
TESTING	Brinell hardness HBW according to EN 10003-1, on a milled surface 0,5-2 mm below plate surface per heat and 40 t.							
FORM OF SUPPLY	Quenched. When necessary, hardness is adjusted by means of subsequent tempering.							
DIMENSIONS	HARDOX 600 is supplied in plate thicknesses 10-30 mm. Plate thicknesses \geq 25 mm are supplied with mill edge or by special agreement only. More detailed information on dimensions is provided in our General Product Information, E-5.							
TOLERANCES	According to EN ISO 6506-1. – Tolerances on thickness according to Class A. – Tolerances on flatness according to Class N. (Normal tolerances)							
SURFACE FINISH	According to EN 10 163-2. – Requirements according to Class A. – Repair conditions according to Subclass 1. (Repair by welding is allowed)							
GENERAL TECHNICAL DELIVERY CONDITION	According to our brochure General Product Information, E-5.							
HEAT TREATMENT	HARDOX 600 is not intended for further heat treatment.							
FABRICATION	Our Technical Customer Service Department will provide further information on request.							

