HARDOX®
WEAR PLATE

HARD & TOUGH

Hardox® wear plate delivers exceptional hardness and toughness for outstanding wear resistance.

Available in a wide range of grades and dimensions, Hardox® wear plate can help you meet the demands of your specific wear environment. Highlights from the product range include:

Hardox® plate and sheet

Hardox® grade	Hardness nominal HBW	Impact toughness CVL typical for 20 mm (¾") J at -40 °C (ft-lb at -40 °F)	Relative service life interval[1]	CEV/CET typical for 20 mm (¾")[2]	Thickness range mm (inches)
Hardox® HiAce	450	50 (37)		1.01/ 0.39	3-100 (0.118-3.937)
Hardox® HiTuf	350	95 (70)		0.55/0.36[3]	40-160 (1.575-6.299)
Hardox® 400	400	45 (33)	1	0.44/0.28	2-130 (0.079 -5.118)
Hardox® 450	450	50 (37)	1.1-1.5	0.56/0.38	2-160 (0.079-6.299)[4]
				0.46/ 0.32	0.8-2.1 (0.035-0.083)[5]
Hardox® 500 Tuf	490	50 (37)	1.3-2.1	0.53/ 0.37	2-38.1 (0.079-1.5)
Hardox® 500	500	37 (27)	1.3-2.1	0.63/0.41	2-103 (0.079-4.055)
Hardox® 550	550	30 (22)	1.5-4	0.67/ 0.46	6-65 (0.236-2.559)
Hardox® 600	600	20 (15)	1.8-8	0.66/0.55	2.5-65 metric only
Hardox® Extreme	675	<15 (11)	2-10	0.66/0.55	8-19 metric only

All plates are produced according to Hardox® wear plate guarantees or better.

1. Max/min sliding wear by SSAB WearCalc (mild steel 0.2-0.8).
2. CEV=C+Mn/6+(Cr+Mo+V)/5+(Cu+Ni)/15;CET=C+(Mn+Mo)10+(Cr+Cu)/20+Ni/40.
3. 70 mm (2.76").
4. Hardox® 450 made from SSAB Zero™ steel is available in thicknesses of 4.0 - 25.4 mm as plate. For more information about SSAB Zero™, please see the "Built-in Sustainability" section.
5. Hardox® 450 CR.

Hardox® pipes and tubes

Hardox® grade	Hardness nominal HBW	Yield strength typical MPa (Ksi)	Diameter external mm (inches)	Wall thickness mm (inches)
Hardox® 400	400	1000-1300 (145-188)	76.1-219.1 (3-8.625)	3-6 (0.118-0.236)
Hardox® 500	500		76.1-133 (3-5.24)	3-6 (0.118-0.236)

Explore the world of Hardox® wear plate

hardox.com

SSAB

Built-in sustainability

Hardox® wear plate helps you reduce the environmental impact of both your equipment and its operation. Its exceptional hardness and toughness allow you to use less steel to design stronger, more resource-efficient equipment that lasts longer and performs better.

Now, you can take this advantage further with Hardox® made from SSAB Zero™. SSAB Zero™ uses recycled steel and is produced using fossil-free electricity and biogas, resulting in virtually no fossil carbon emissions during steel production. Hardox® made from SSAB Zero™ delivers the same proven quality and properties as all Hardox® steels, so you do not have to compromise on performance, durability or reliability.

Choose Hardox® made from SSAB Zero™ to build equipment that withstands wear, uses resources more efficiently and supports your climate ambitions.

More information is available in the SSAB Zero™ Certificate of Carbon Emissions at ssab.com.

Take your sustainability goals to the next level.

Hardox® is close to you

Genuine Hardox® wear plate is available directly from SSAB, as wear parts through the worldwide network of Hardox® Wearparts centers, or in certified equipment from Hardox® In My Body manufacturers. These partners are certified by SSAB to make wear parts and equipment using genuine Hardox® wear plate.

With local stocks in more than 80 stock locations worldwide, SSAB can deliver the most common grades and dimensions of Hardox® wear plate within 48 hours.

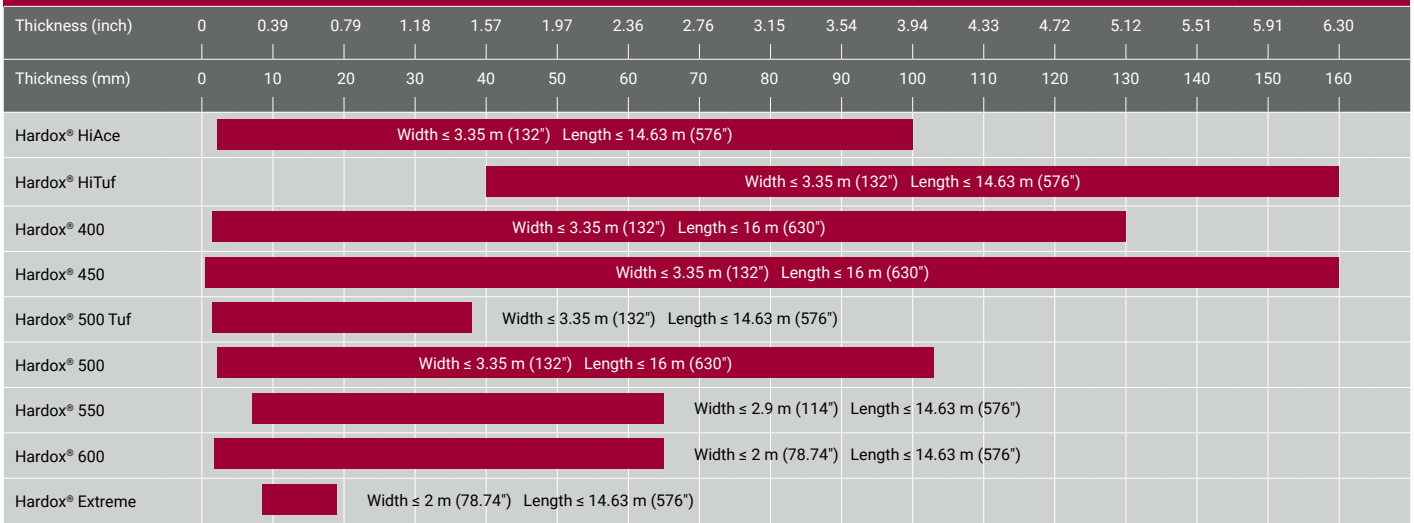
Get Hardox® wear plate now.

Hardox® round bar

Hardox® grade	Hardness nominal HBW	Impact toughness CVL typical for 40 mm (1.575") J at -40 °C (Ft-lb at -40 °F)	CEV/CET typical for 40 mm (1.575")	Bar diameter mm (inches)
Hardox® 400 Bar	400	45 (33)	0.58/0.37	40-100 (1.57-3.937)
Hardox® 500 Bar	500		0.73/0.46	40-160 (1.57-6.3)

The data in these tables may be subject to change without notice.
Please download the latest version of the respective Hardox® wear plate product data sheet at www.hardox.com.

Dimensions for Hardox® wear plate and sheet



123 - EN - Hardox® hard and tough worldwide - V4 - 2026 - AplusM - Österbergs

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