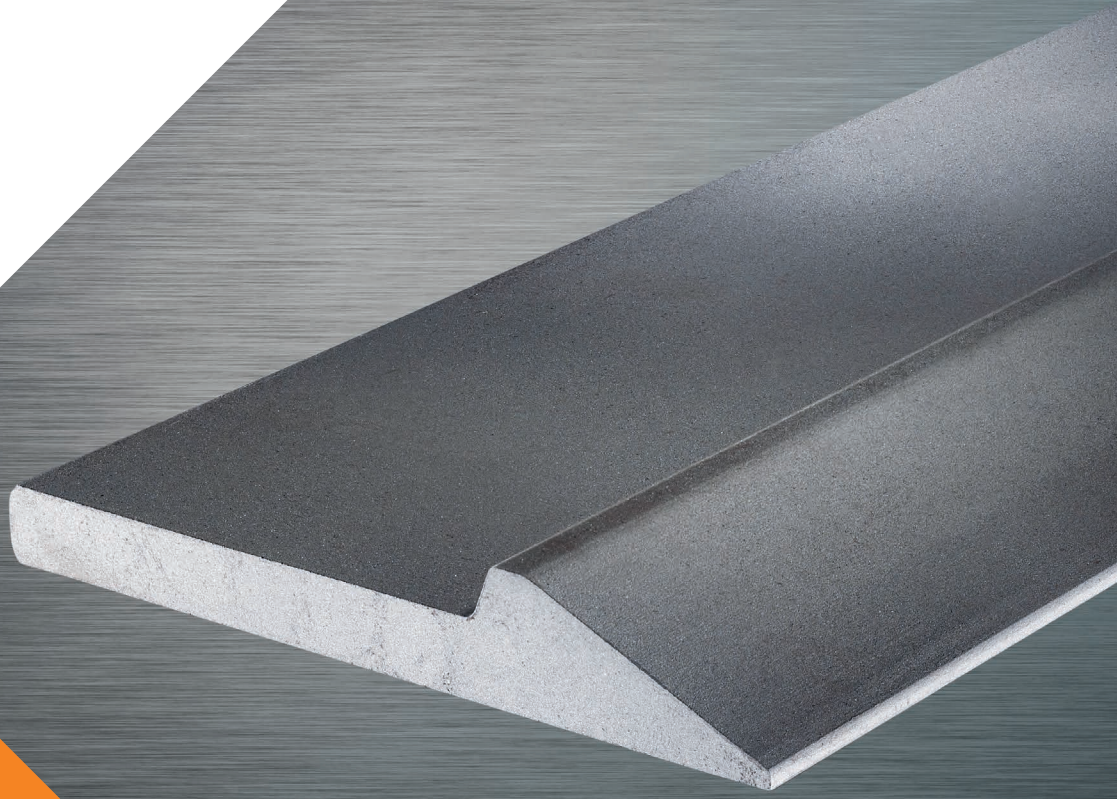
BRITISH STEEL



Cutting Edge Profiles

For wear part applications

BUILDING STRONGER FUTURES

Introducing British Steel

British Steel is a world leader in the production of steel with facilities across the UK, France and the Netherlands, supplying high quality steel products around the world.

What makes us di erent is our approach to business. We build collaborative relationships o ering guidance and solutions to our customers from the very early design stage to deliver real bene ts through optimisation of fabrication and process routes.

We have a strong track record of working with original equipment manufacturers. We work with our customers to understand their needs, enabling us to develop and deploy our expertise where you need it – to the bene t of your business and your products.

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As a global leader in boron steel, our years of experience in supplying to wear-part and ground engaging tool manufacturers mean that we understand what matters to you and your processes.

The right shape from the start

Gas-cutting pre-hardened wear-plate can lead to reduced hardness where it's needed most, creating a "soft zone" close to the cutting edge and a weaker component. Choosing a special pro le means the right net shape from the start and extended life for your wear parts.

Products tailored to your requirements

Should your requirements fall outside of the wide range of cutting edge pro les available as standard, our roll design team has a wealth of expertise to help you to design the perfect, bespoke pro le for the job.

Ready when you are

Our broad range of standard dimensions is produced on a dependable rolling schedule meaning all sizes are available on a regular basis.

Consistent properties = e cient processes

We understand the importance of through thickness hardenability. Control of our own steelmaking means ultra-clean steel, optimum grain size, fully through-hardened structure after heat-treatment and consistent properties time in, time out.

Local know-how

With British Steel o ces all over the world, our global team is always on hand to support you in your market.

Superior nished parts

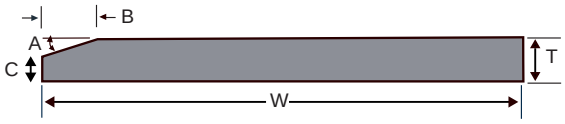
Post-heat treatment, our high quality cutting edge profiles, available in a wide choice of premium steel grades, offer outstanding wear resistance for a range of bucket edge/ blade applications.

Product range

We o er a wide variety of single and double bevel ats as well as arrowhead and grader bar pro les suitable for a broad range of bucket edge/blade applications.

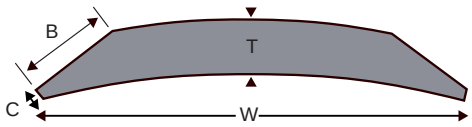
Single bevel ats

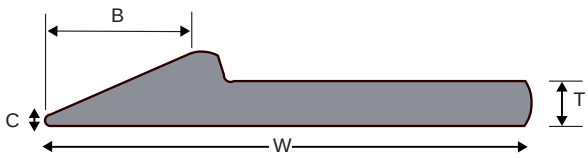
Profile	Width mm (W)	Gauge mm (T)	Weight Kg/m	Bevel angle (A)	Bevel width mm (B)	Tip height mm (C)
SB244-25	244	25	44.46	22.6	45.60	6
SB244-30	244	30	54.07	22.6	45.60	11
SB244-32	244	32	57.91	22.6	45.60	13
SB281	281	32	65.00	22.6	57.60	8
SB299	299	40	85.25	22.6	72.00	10
SB304	304	44.45	97.40	22.6	69.10	15.7



Grader bars (carbon and boron steel)

Profile	Width mm (W)	Gauge mm (T)	Weight Kg/m	Bevel width mm (B)	Tip height mm (C)
GB152-12	152.4	12.7	13.26	33.3	2.5
GB152-13	152.4	13.3	13.98	33.3	3.1
GB152-15	152.4	15.9	17.09	33.3	5.6
GB152-19	152.4	19.1	20.91	33.3	8.8
GB203-15	203.2	15.88	23.17	33.3	2.39
GB203-16	203.2	16.5	24.14	33.3	3.01
GB203-19	203.2	19.05	28.13	33.3	5.56
GB203-25	203.2	25.4	38.05	33.3	11.91



Arrowheads

Profile	Width mm (W)	Gauge mm (T)	Weight Kg/m	Bevel angle (A)	Bevel width mm (B)	Tip height mm (C)
AH203-19	203.2	19.1	31.40	24.3	60.3	4.6
AH203-22	203.2	22.2	36.50	24.3	60.3	7.7
AH203-25	203.2	25.4	41.62	24.3	60.3	10.9
AH203-28	203.2	28.6	46.73	24.3	60.3	14
AH203-31	203.2	31.8	51.84	24.3	60.3	17.2
AH255-28	255	28.5	65.65	25	98.7	11.2
AH255-40	255	40	88.66	25	98.7	22.7