



**BRITISH
STEEL**



Track Shoe Profiles

For enhanced crack-resistance
and prolonged shoe life

BUILDING STRONGER FUTURES

Introducing British Steel

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

What makes us different is our approach to business. We build collaborative relationships offering guidance and solutions to our customers from the very early design stage to deliver real benefits 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 benefit of your business and your products.

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Extensive choice, proven performance, added benefits

Our proven track shoe profiles are designed to meet our customers' exacting requirements, enhancing their manufacturing processes to deliver the best heavy equipment performance. We offer an extensive range of single, double and triple grouser profiles.

Getting the right profile for the job

Our world-class roll design team is on hand to work with you from the very early stages on unique designs and product enhancement.



Product reliability and consistency

Ongoing investment in our processes is delivering continuous quality improvement. Strict manufacturing control ensures that we consistently deliver bars with tight dimensional tolerance and excellent straightness.



Making life easier for you

Short lead times and small batch sizes (from as little as 130 tonnes) mean that we can react swiftly to our customers' requirements.



Optimum efficiency for your processes

Our wide range of steel qualities means we can offer the ideal grade and mechanical properties to suit your heat-treatment parameters, ensuring peak efficiency of your manufacturing processes.



Global support

We have vast experience in exporting track shoes. Our well-established logistics chains, coupled with British Steel's international sales support network, mean you can rely on us to deliver – wherever you are.



Premium end product

The post-heat treatment mechanical properties of the finished track shoe provide outstanding in-field performance and reliability. Our low carbon and low sulphur steels deliver improved crack resistance for prolonged shoe life.



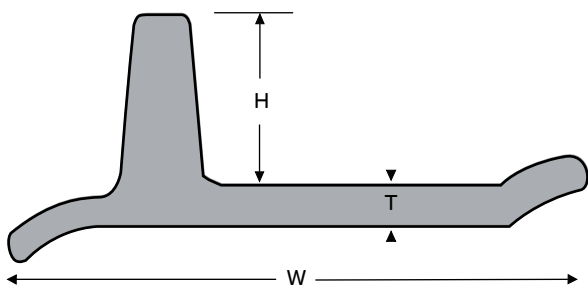
Product range

The track shoe profiles we produce are supplied in customer lengths from 6m to 12m – lengths outside of this range may be available on request. We also offer a variety of different bundling configurations to suit your needs. Profile widths range from 173mm to 369mm. Alternative gauges may be available – please contact us to discuss your requirements.

Single grousers

- Superior ground penetration for bulldozers
- General soil/rocky ground - depending on thickness of profile
- Longer spike = improved traction

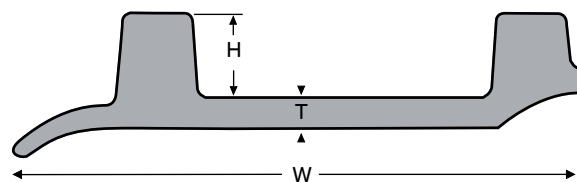
Section	W (mm)	H (mm)	T (mm)	Kg/m	Link pitch (mm)
SG179	179	62.7	9.10	19.37	165.9
SG180	180	47.0	9.00	18.06	156.0
SG181	181	49.0	9.50	19.31	159.8
SG193	193	52.3	11.20	22.01	159.0
SG197-23	197	57.2	11.50	23.72	170.0
SG197-25	197	57.2	12.70	25.60	170.0
SG199	199	55.0	12.00	25.19	170.5
SG200	200	47.0	11.00	21.49	171.5
SG232	232	65.0	12.00	31.04	203.2
SG237	237	58.7	13.80	32.50	196.2
SG245	245	71.5	14.70	38.76	203.2
SG248-44	248	71.4	15.00	44.67	210.3
SG248-48	248	71.4	16.67	48.47	210.3
SG249-37	249	66.5	13.50	37.29	215.9
SG249-41	249	66.5	16.00	41.84	215.9
SG250	250	65.0	14.30	40.88	216.0
SG263-57	263	77.8	19.10	57.29	228.6
SG263-70	263	93.0	23.00	70.58	228.6
SG268-50	268	80.0	17.00	50.26	228.6
SG268-59	268	80.0	19.00	59.25	228.6
SG276	276	76.5	17.50	48.30	228.6
SG285-62	285	84.0	19.00	62.60	240.0
SG285-64	285	84.0	20.00	64.59	240.0
SG289	289	79.0	19.00	64.31	250.5
SG292	292	76.0	17.00	54.80	250.5
SG299	299	100.0	23.00	83.71	260.4
SG303	303	89.7	20.60	74.93	260.4
SG304	304	88.0	22.00	77.51	260.4
SG322	322	93.0	23.00	83.81	280.0
SG369	369	102.0	25.00	103.00	317.5



Double grousers

- Good traction for loaders with less damage to ground surface
- Shorter spikes = greater manoeuvrability

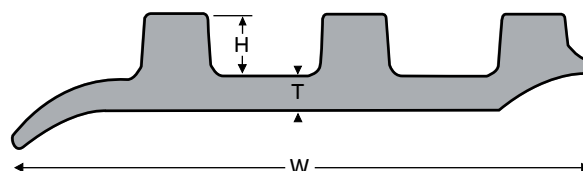
Section	W (mm)	H (mm)	T (mm)	Kg/m	Link pitch (mm)
DG202-26	202	31.0	11.5	26.17	172.5
DG202-28	202	31.0	13.0	28.39	172.5
DG217	217	35.0	13.0	33.04	190.5
DG250	250	37.0	16.5	48.12	216.0
DG252	252	49.0	15.5	50.17	216.0
DG308-71	308	49.5	21.0	71.90	258.5
DG308-80	308	49.5	25.0	80.17	258.5



Triple grousers

- Stable operating platform/improved manoeuvrability for excavators
- Hard and soft ground applications

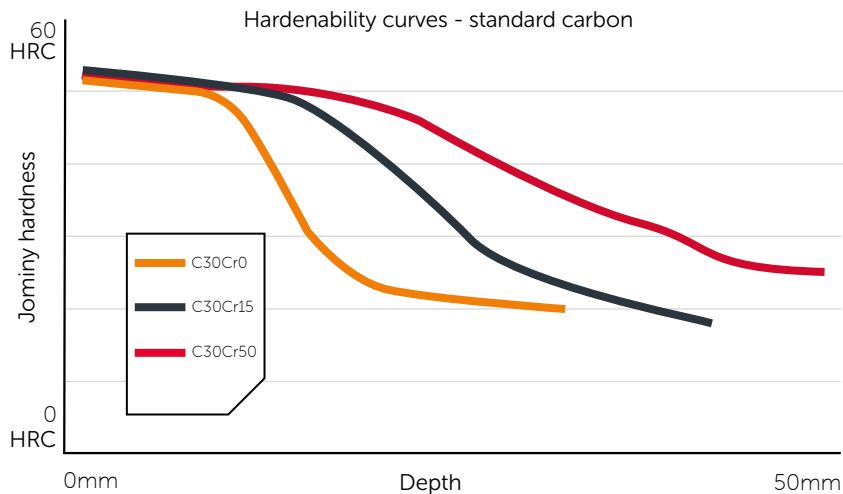
Section	W (mm)	H (mm)	T (mm)	Kg/m	Link pitch (mm)
TG173	173	19.0	7.9	19.02	150.7
TG187	187	21.4	9.5	22.77	159.0
TG199-24	199	25.0	9.5	24.44	170.0
TG199-25	199	25.0	9.5	24.88	170.7
TG203-30	203	25.3	12.7	30.00	168.0
TG203-35	203	25.3	16.0	35.41	168.0
TG218	218	26.0	10.0	28.91	187.9
TG220-25	220	25.5	8.5	25.67	189.0
TG220-27	220	25.5	9.5	27.37	189.0
TG228-37	228	32.0	12.0	37.81	206.1
TG228-41	228	32.0	14.0	41.36	206.1
TG245-50	245	26.5	20.0	50.75	215.9
TG245-56	245	26.5	22.5	56.37	215.9
TG247	247	36.0	11.0	40.09	216.0
TG248	248	36.0	11.0	40.10	216.0
TG266	266	30.0	30.0	70.18	228.6



Standard steels

We offer a range of boron-treated steels with a nominal carbon content of 0.3%. Increased levels of alloy content are available to allow customers to match hardenability, section size and heat treatment quench severity. This ensures the most suitable core hardness in the finished track shoe.

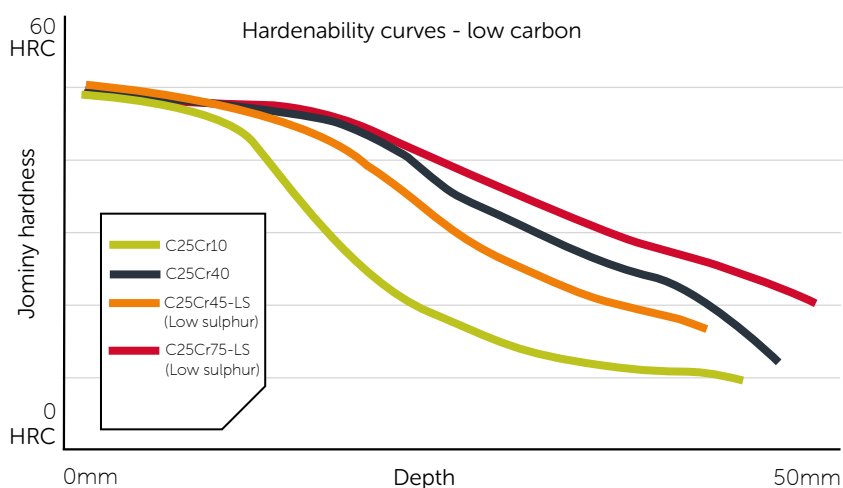
	Steel specification	Carbon (%)	Chrome (%)
Standard carbon	C30Cr0	0.30	-
	C30Cr15	0.30	0.15
	C30Cr50	0.30	0.50



Lower carbon steels

A range of boron-treated steels is available with low sulphur and/or a lower carbon content of 0.25%. This improves crack resistance – prolonging shoe life and enhancing field performance.

	Steel specification	Carbon (%)	Chrome (%)
Low carbon	C25Cr10	0.25	0.10
	C25Cr40	0.25	0.40
	C25Cr45-LS	0.25	0.45
	C25Cr75-LS	0.25	0.75





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