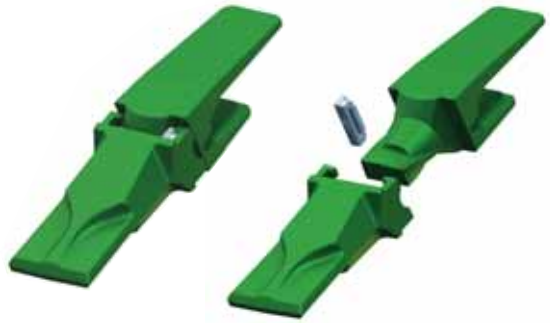
Teeth systems

Our company also provides sales and consulting when selecting various types of teeth systems and their variants for either screwed or hard surface teeth. We have most types of teeth systems available in stock for prompt deliveries to our customers.

CAT hard surface teeth system

The most frequently used teeth system contains a welded adapter on which a teeth tip is slid on. A Cat Adapter also enables fitting Shark and Futura tips, which – thanks to their innovative shape – provide brilliant penetrating properties and longer teeth system life-cycle.

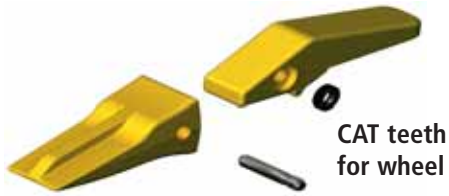
Shark tip Futura tip



ESCO hard surface teeth

Hensley hard surface teeth

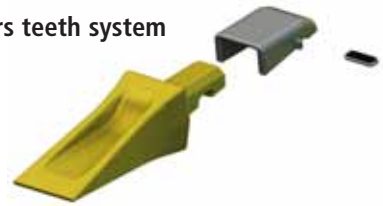
High resistance tooth systems from renowned manufacturers are also suitable for the most extreme conditions.



CAT teeth system for wheel loaders

ripper teeth for tracked dozer

Bofors teeth system



SILVER hard surface teeth

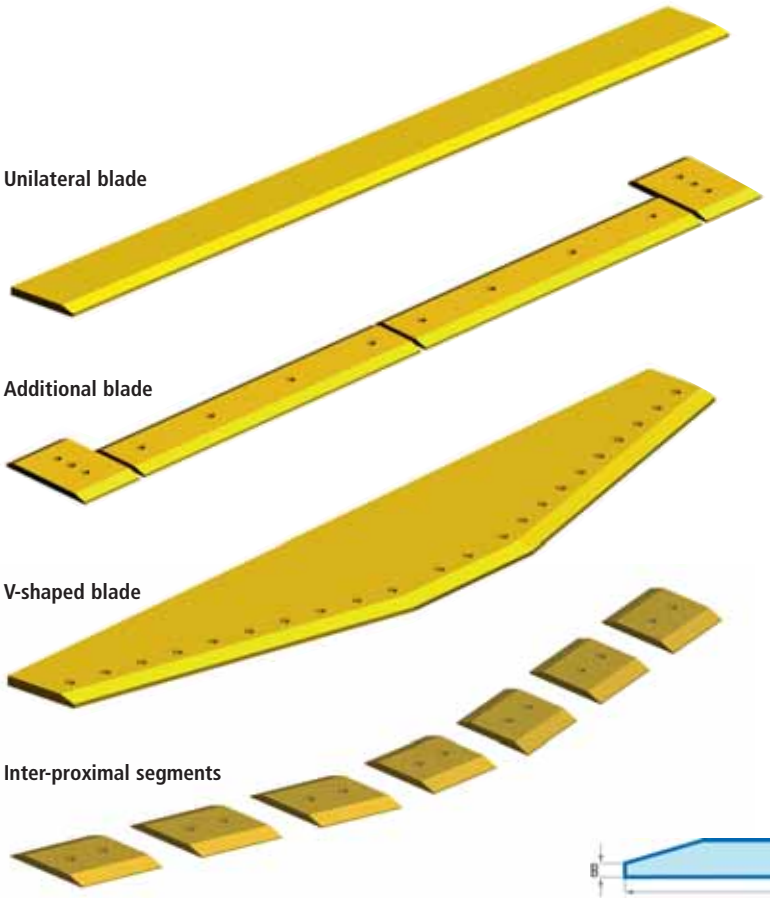
These are fitted on mini and medium excavators with curb weights of up to 12 tons

Screwed teeth systems

These are mostly used on mini excavators and excavator-loaders such as Cat, JCB, Komatsu, New Holland etc.

Wear resistant blades and flats

Wear resistant, high quality, roller blades and flats in hardness grades including HB 250, HB 400, HB 500 and especially HB 600 (HB – Brinell hardness scale); with one or dual-sided chamfering, induction quenched in standard 6 m lengths; These are delivered in accordance with customer dimensions listed in tables or lengths according to customer requirements. Furthermore, we deliver additional bored blades and blade segments for wheel loaders as well as blades for dozers and graders.



Unilateral blade

Additional blade

V-shaped blade

Inter-proximal segments

Steel type: wear resistant C-Mn-Cr-B steel
Hardness: HB 210-250

C max %	Si max %	Mn max %	P max %	S max %	Cr max %	Ni max %	Mo max %	B max %
0.30	0.35	1.40	0.030	0.030	0.50	0.30	0.08	0.004

Mechanical properties:			
	strength limit	(Rm)	710 N/mm²
	characteristic limit	(Re)	470 N/mm²
	pulling power	(A5)	17%

Steel type: wear resistant Mn-Cr-Mo-B steel with low carbon content (C=0.17-0.20)
Hardness: HB 380-440

C max %	Si max %	Mn max %	P max %	S max %	Cr max %	Ni max %	Mo max %	B max %
0.20	0.35	1.40	0.030	0.030	0.50	0.30	0.25	0.004

Mechanical properties:			
	strength limit	(Rm)	1430 N/mm²
	characteristic limit	(Re)	1130 N/mm²
	pulling power	(A5)	11%

Steel type: wear resistant Mn-Cr-Mo-B steel with medium carbon content (C=0.26-0.30)
Hardness: HB 470-530

C max %	Si max %	Mn max %	P max %	S max %	Cr max %	Ni max %	Mo max %	B max %
0.30	0.35	1.40	0.030	0.030	0.50	0.30	0.30	0.004

Mechanical properties:			
	strength limit	(Rm)	1690 N/mm²
	characteristic limit	(Re)	1340 N/mm²
	pulling power	(A5)	9%

Single bevel blade

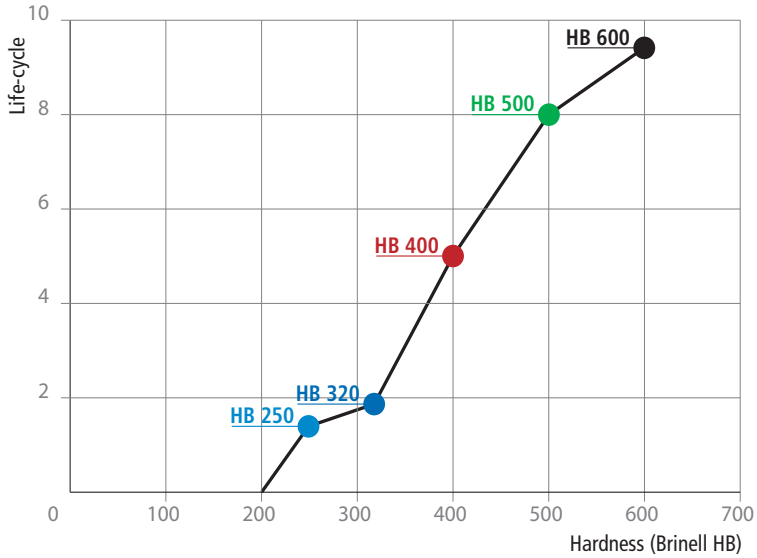
DIMENSIONS (mm)															
A	110	110	150	150	200	200	250	250	270	270	300	300	300	400	400
H	12	16	16	20	20	25	25	30	32	35	30	35	40	45	50
B	3	7	6	5	6	11	6	11	10	13	8	13	18	20	25

Double bevel blade

DIMENSIONS (mm)											
A	152	152	203	203	254	254	305	330	330	360	406
H	16	20	20	25	20	25	32	32	41	30	41
B	5	9	8	14	8	14	16	18	27	8	25

Right-angled flats

DIMENSIONS (mm)												
A	100	100	120	120	130	160	180	380	380	350	350	300
H	10	15	12	20	15	15	20	20	25	30	35	40



DURO 600 wear armoured flats

Wear armoured flats are designed to increase the life-cycle of stressed parts on backhoe buckets and loader buckets. They consist of two parts – a basic flat with its hardness of 220 – 240 HB and upper hard surface spots with their hardness of 510 – 550 HB, 2.5 -3.5 mm thick

Spare and wear parts

We also provide a number of spare and wear parts within sales and service.

safety hooks

quenched pins and bushings

strengthened screws and nuts