

**Bruxite**<sup>TM</sup>  
WEAR EDGES & BARS

**PRODUCT CATALOGUE  
BUCKET STEEL**



 **Olofsfors**  
Make your own way



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# ULTIMATE WEAR PROTECTION FOR YOUR EQUIPMENT.

**EXCAVATOR BUCKETS**



**LOADER BUCKETS**



**CRUSHER CHUTES AND CRUSHER LINERS**



**HAUL TRUCKS, AND MORE ...**



# HARD WORK



**When you see wear edges and bars with buckets and heavy machinery, think Bruxite. Think hard steel that works for you. Bruxite lives and dies for maximum wear time and optimal protection.**

**MEETS TOUGH TOLERANCE REQUIREMENTS.**

**EXCELLENT WELDABILITY PROPERTIES.**

**SYSTEMATIC QUALITY CONTROL.**

**TOP NOTCH QUALITY – FOR ALL WEARING EDGES.**

Manufactured by the same well-trying high-strength boron steel that Olofsfors has manufactured bucket steel from for several decades. All shaping of Bruxite edge steel and wear bars takes place in an unhardened state, which gives optimum hardness

and strength right through the steel. Bruxite edge steel and wear bars satisfy high tolerance requirements as regards hardness, straightness, dimensions and surface smoothness laid down by, among other things, modern robot welding. The

steel's special alloy and Olofsfors' hardening processes give Bruxite edge steel and wear bars excellent welding properties, hardness, depth and toughness.

# HAS A NAME

I'm hard 'n' tough through to my core and give your bucket extraordinary wear resistance. My characteristics include an ideal combination of weldability, crack resistance and wear resistance. I was developed to handle the toughest demands and I'm the best wear edge choice for your bucket.

**+**  
**500**  
**BRINELL**

**Extremely good durability**  
– maximum hardness and maximum wear resistance to the very tip of the cutting edge  
– longer lifetime than wear edges cut from tempered steel plate.

**BRUXITE** is harder and has greater durability than 400 Brinell steel and better welding characteristics and higher crack resistance than 500 Brinell steel. Shaping the wear edge before tempering provides beveled cutting edges with maximum hardness and durability.

**BRUXITE'S** excellent welding characteristics also reduce the risk of cracking during repair of wear between tooth holders, which radically extends bucket lifetime before replacement of the complete cutting edge.

**HARD AND TOUGH  
FROM EDGE TO EDGE  
– MAXIMUM WEAR TIME.**

**CRACK RESISTANCE · IMPACT  
STRENGTH · WEAR RESISTANCE**

## General Product Description abrasion-resistant steel

BRUXITE is an abrasion resistant steel according to SS-EN 10083-3. Chemical composition and manufacturing method gives the material very good abrasive resistance in combination with good weldability, welding at elevated temp (working temp) of min 50°C. This steel is designed for applications where high demands for wear resistance is critical.

## Available dimensions

BRUXITE is available in thicknesses of 8–70 mm (75 mm diameter for round bars). More detailed information on dimensions is provided in the dimension program at [www.olofsors.com](http://www.olofsors.com).

## Mechanical Properties (Typical)

Thickness mm	Hardness HBW min-max <sup>1)</sup>	Typical yield strength MPa, not guaranteed	Impact toughness <sup>2)</sup>
8–40	500	1400	20J /-40°C
45–70 (75 ø)	420–490	1200	20J /-40°C

1) Brinell hardness, HBW, according to EN ISO 6506-1, on a milled surface 1 mm – 3 mm below surface. Plates are through hardened to a minimum of 90 % of the guaranteed minimum surface hardness. Small deviations on surface can occur due to straightening after hardening (less than 5 % of plate surface). All surfaces (less than 1 mm deep) are decarbonized.

2) Impact testing according to ISO EN 148 per heat and thickness group. Average of three tests. Single value minimum 70% of specified average.

# CUTTING EDGES



## BENEFITS:

- + SINGLE BEVEL
- + BUCKET BASE EDGES:
  - EXCAVATOR
  - LOADER
  - SKIDSTEER
  - BACKHOE

### Bruxite Cutting Edges

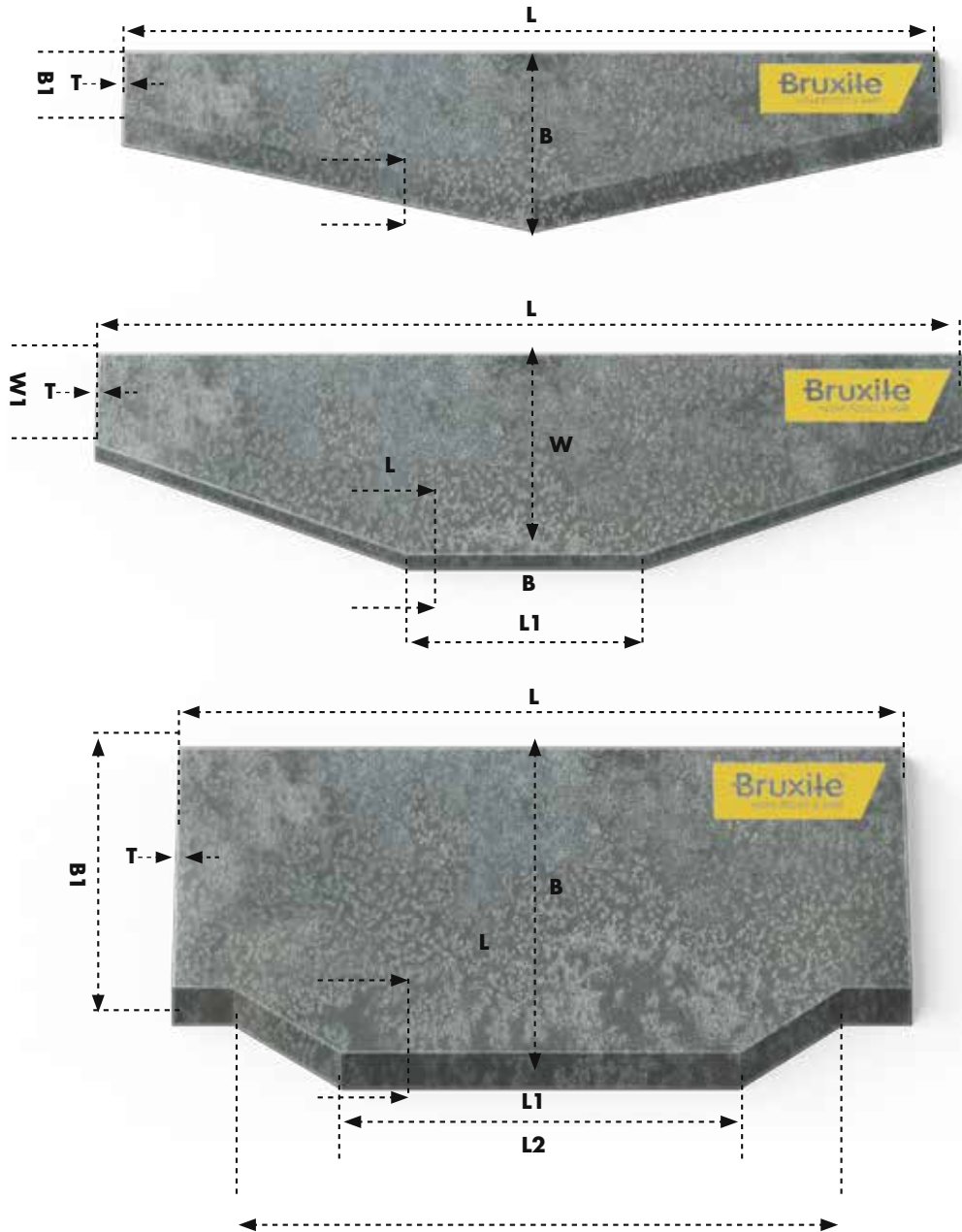
Item No.	Width mm	Thickness mm	Length mm	Width inches	Thickness inches	Length inches	Weight kg	Weight lbs
171-464570	100	12	3000	3,94	0,47	118,11	26,64	58,73
171-359340	100	12	6050	3,94	0,47	238,19	53,73	118,45
171-464750	100	16	3000	3,94	0,63	118,11	33,75	74,40
171-359350	100	16	6050	3,94	0,63	238,19	68,06	150,04
171-462040	150	16	2600	5,91	0,63	102,36	46,00	101,41
171-462670	150	16	3000	5,91	0,63	118,11	52,59	115,94
171-358680	150	16	6050	5,91	0,63	238,19	106,06	233,82
171-462050	150	20	2600	5,91	0,79	102,36	56,90	125,44
171-354810	150	20	3000	5,91	0,79	118,11	65,41	144,20
171-358690	150	20	6050	5,91	0,79	238,19	131,90	290,78
171-464640	200	20	1650	7,87	0,79	64,96	49,10	108,25
171-990773	200	20	2600	7,87	0,79	102,36	77,40	170,63
171-857423	200	20	3000	7,87	0,79	118,11	88,96	196,12
171-358700	200	20	6050	7,87	0,79	238,19	179,40	395,50
171-464660	200	25	1650	7,87	0,98	64,96	60,70	133,82
171-464670	200	25	2000	7,87	0,98	78,74	73,60	162,26
171-462060	200	25	2650	7,87	0,98	104,33	97,50	214,95
171-849681	200	25	3000	7,87	0,98	118,11	110,16	242,86
171-358710	200	25	6050	7,87	0,98	238,19	222,15	489,75
171-857424	200	30	3000	7,87	1,18	118,11	130,45	287,59
171-358730	200	30	6050	7,87	1,18	238,19	263,07	579,96
171-464680	250	25	1650	9,84	0,98	64,96	76,90	169,53
171-464690	250	25	2000	9,84	0,98	78,74	93,20	205,47
171-857425	250	25	3000	9,84	0,98	118,11	139,60	307,76

Item No.	Width mm	Thickness mm	Length mm	Width inches	Thickness inches	Length inches	Weight kg	Weight lbs
171-358720	250	25	6050	9,84	0,98	238,19	283,84	625,75
171-464700	250	30	1650	9,84	1,18	64,96	91,40	201,50
171-464710	250	30	1850	9,84	1,18	72,83	102,50	225,97
171-462690	250	30	3000	9,84	1,18	118,11	168,53	371,54
171-358740	250	30	6050	9,84	1,18	238,19	334,30	736,99
171-466940	270	30	2000	10,63	1,18	78,74	120,30	265,21
171-461530	270	30	3000	10,63	1,18	118,11	179,90	396,60
171-857426	270	30	3500	10,63	1,18	137,81	210,50	464,07
171-358750	270	30	6050	10,63	1,18	238,19	362,80	799,82
171-460560	270	35	3000	10,63	1,38	118,11	208,24	459,08
171-462080	270	35	3600	10,63	1,38	141,73	250,80	552,91
171-358760	270	35	6050	10,63	1,38	238,19	419,94	925,79
171-477630	300	30	3000	11,81	1,18	118,11	201,10	443,34
171-360350	300	30	6050	11,81	1,18	238,19	409,01	901,70
171-360310	300	35	6050	11,81	1,38	238,19	473,69	1044,29
171-465120	300	40	2050	11,81	1,57	80,71	179,33	395,35
171-012180	300	40	3000	11,81	1,57	118,11	262,21	578,06
171-461200	300	40	3650	11,81	1,57	143,70	319,29	703,90
171-358770	300	40	6050	11,81	1,57	238,19	533,11	1175,29
171-468400	400	40	3650	15,75	1,57	143,70	433,90	956,57
171-468420	400	40	6000	15,75	1,57	236,22	719,20	1585,54

Bruxite straight edge steel is available in a great number of dimensions from 0,47 to 2,76 inches.



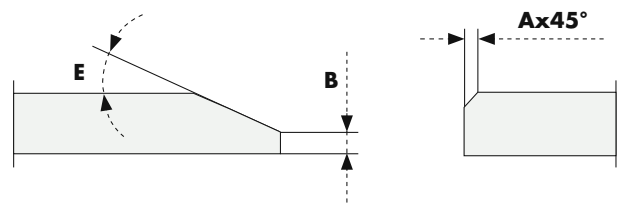
# BRUXITE SPADE NOSE EDGES ON REQUEST



## Bruxite Spade Nose Edges

Bruxite Spade Nose Edges manufactured on demand.

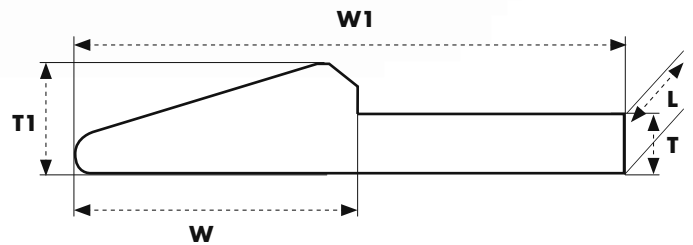
Specify measurements according to:  $L/L1 \times W/W1 \times T$



# HALF ARROW EDGES



Bruxite half arrow edges are available in five different sizes. The half arrow edges are most commonly used as front edges on loader buckets, other applications are as edge protectors between teeth and as bucket side protectors. Mounted in front of the cutting edge of the bucket, the half arrow efficiently protects both the cutting edge and the underside of the bucket. The half arrow edge is a cost effective solution for extra wear protection on new buckets as well as a repair front edge for very worn cutting edges.



## Bruxite Half Arrow Edges

Item No	Width mm	Thickness mm	Length mm	Width inches	Thickness inches	Length inches	Weight kg	Weight lbs
160-464830	101/46	21/11	3050	3,98/1,81	0,83/0,43	120,08	28,42	62,66
160-464832	101/46	21/12	6100	3,98/1,81	0,83/0,47	240,16	56,84	125,31
160-464840	151/68	32/16	3050	5,94/2,68	1,26/0,63	120,08	63,67	140,37
160-464842	151/68	32/16	6100	5,94/2,68	1,26/0,63	240,16	127,34	280,74
160-466910	203/127	32/19	3660	7,99/5	1,26/0,75	144,09	114,90	253,31
160-466920	254/130	57/29	3660	10/5,12	2,24/1,14	144,09	240,28	529,73
160-496130	254/130	68/40	2000	10/5,12	2,68/1,57	78,74	175,00	385,81
160-468650	254/130	68/40	3660	10/5,12	2,68/1,57	144,09	324,50	715,40



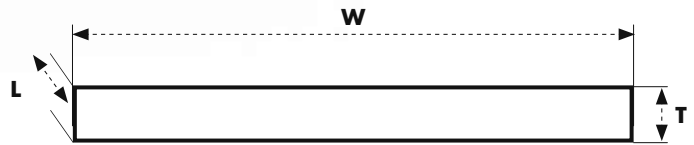
# WEAR BARS FLAT



## BENEFITS:

- + LENGTHS: 10' AND 20'
- + WIDTHS: 2-1/2", 3", 4", 6", 8", 10"
- + THICKNESSES: FROM 0,39"-1,18"

Bruxite flat wear bars are available directly from the warehouse in several dimensions from 0,39 to 1,18 inches in thickness. Bruxite wear bars effectively protect the undersides and insides of buckets, dump trucks, conveyor belts etc. The unique combination of high hardness and toughness – from edge to edge – gives Bruxite wear bars optimal performance in terms of wear resistance and weight of the steel.



### Bruxite Wear Bars

Item No.	Width mm	Thickness mm	Length mm	Width inches	Thickness inches	Length inches	Weight kg	Weight lbs
120-462790	61	10	3000	2,40	0,39	118,11	14,37	31,68
120-463980	80	10	3000	3,15	0,39	118,11	18,84	41,53
120-358790	80	10	6050	3,15	0,39	238,19	37,99	83,75
120-360640	80	16	3000	3,15	0,63	118,11	30,14	66,45
120-360620	80	16	6050	3,15	0,63	238,19	60,79	134,02
120-460440	80	20	3000	3,15	0,79	118,11	37,68	83,07
120-357160	80	20	6050	3,15	0,79	238,19	76,00	167,55
120-458800	100	10	3000	3,94	0,39	118,11	23,55	51,92
120-358800	100	10	6050	3,94	0,39	238,19	47,49	104,70
120-463540	100	12	3000	3,94	0,47	118,11	28,26	62,30
120-358820	100	12	6050	3,94	0,47	238,19	56,99	125,64
120-463310	100	16	3000	3,94	0,63	118,11	37,68	83,07
120-358860	100	16	6050	3,94	0,63	238,19	75,99	167,53
120-460170	100	20	3000	3,94	0,79	118,11	47,10	103,84
120-358890	100	20	6050	3,94	0,79	238,19	95,77	211,13
120-460540	100	25	3000	3,94	0,98	118,11	58,88	129,81
120-358920	100	25	6050	3,94	0,98	238,19	118,73	261,75
120-464820	100	30	3000	3,94	1,18	118,11	70,65	155,75

Item No.	Width mm	Thickness mm	Length mm	Width inches	Thickness inches	Length inches	Weight kg	Weight lbs
120-358950	100	30	6050	3,94	1,18	238,19	142,48	314,11
120-462580	150	12	3000	5,91	0,47	118,11	42,39	93,45
120-358840	150	12	6050	5,91	0,47	238,19	86,20	190,04
120-458820	150	16	3000	5,91	0,63	118,11	56,52	124,60
120-358870	150	16	6050	5,91	0,63	238,19	113,98	251,28
120-462850	150	20	3000	5,91	0,79	118,11	71,83	158,36
120-358900	150	20	6050	5,91	0,79	238,19	142,48	314,11
120-461930	150	25	3000	5,91	0,98	118,11	88,31	194,69
120-486710	150	30	3000	5,91	1,18	118,11	105,98	233,64
120-458830	200	10	3000	7,87	0,39	118,11	47,10	103,84
120-458840	200	12	3000	7,87	0,47	118,11	56,52	124,60
120-462810	200	16	3000	7,87	0,63	118,11	75,36	166,14
120-458850	200	20	3000	7,87	0,79	118,11	94,20	207,67
120-358910	200	20	6050	7,87	0,79	238,19	189,97	418,81
120-458860	200	25	3000	7,87	0,98	118,11	117,75	259,59
120-458870	200	30	3000	7,87	1,18	118,11	141,30	311,51
120-467920	250	30	6050	9,84	1,18	238,19	353,30	778,88

# WEAR PLATE



**Olofsfors wear plate in Bruxite** is of very high quality. A well balanced alloy and optimised hardening process give great durability and very good welding properties. Wear plate in Bruxite can be used in all applications where you need maximum durability and need not bend the plate – e.g., in bucket forks, platform plates, in flat bucket bottoms and in crushers.

Item No.	Width mm	Thickness mm	Length mm	Width inches	Thickness inches	Length inches	Weight kg	Weight lbs
130-900021	1000	8	3650	39,37	0,31	143,70	229	504,86
130-900031	1000	10	3650	39,37	0,39	143,70	287	632,73
130-900041	1000	12	3650	39,37	0,47	143,70	344	758,39
130-900051	1000	15	3650	39,37	0,59	143,70	430	947,99
130-900061	1000	20	3650	39,37	0,79	143,70	573	1263,25
130-900071	1000	25	3650	39,37	0,98	143,70	716	1578,51
130-900081	1000	30	3650	39,37	1,18	143,70	859	1893,77
130-900090	1000	35	3650	39,37	1,37	143,70	1003	2211,24
130-900100	1000	40	3650	39,37	1,57	143,70	1146	2526,50
130-900120	1000	50	3650	39,37	1,97	143,70	1432	3157,02
130-900130	700	60	3650	27,56	2,36	143,70	1203	2652,16



# ROUND BARS



## APPLICATIONS:

- + SCREENING BUCKETS
- + RIDDLE BUCKETS
- + SORTING SOIL AND AGGREGATES
- + PROCESS MATERIAL

Bruxite Round steel is used in, among other things, screening buckets with transverse round steel. The unique combination of high hardness, toughness and weldability make the Bruxite round bar a very durable solution for riddle buckets etc.

### Bruxite Round bars

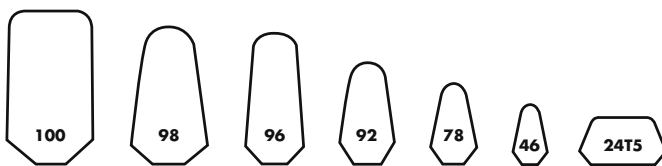
Item No.	∅ mm	Length mm	∅ inches	Length inches	Weight kg	Weight lbs
120-470780	18	1500	0,71	59,10	3,00	6,61
802-480090	22	3000	0,87	118,11	8,95	19,73
120-481410	30	3000	1,18	118,11	16,60	36,60
120-492170	45	3000	1,77	118,11	37,40	82,45
802-476360	60	3000	2,36	118,11	66,60	146,83
120-477390	75	1150	2,95	45,28	36,70	80,91

# GROUSER BARS



## APPLICATIONS:

- + TRACK SHOE PADS, (INCREASED TRACTION)
- + GRIZZLY BARS FOR CRUSHERS
- + HIGHLY ABRASIVE APPLICATIONS



Bruxite grouser bars are available in seven different profiles. With the unique combination of high hardness, toughness and weldability, the Bruxite grouser bars give excellent value for money in many highly abrasive applications. Originally developed as repair parts for under carriage belts, the usage of Bruxite grouser bars has today evolved into many applications with high requirements of wear resistance and impact strength.

### Bruxite Grouser Bars

Item No.	Height mm	Width mm	Length mm	Height inches	Width inches	Length inches	Weightn kg	Weight lbs	Note
160-464930	24	42	3050	0,94	1,65	120,08	21,90	48,28	Grouser bar 24-T5
160-465370	30	16	3000	1,18	0,63	118,11	9,60	21,16	Grouser bar 46
160-456050	40	22	3050	1,57	0,87	120,08	17,69	39,00	Grouser bar 78
160-456030	50	27	3000	1,97	1,06	118,11	25,65	56,55	Grouser bar 92
160-464920	65	30	3000	2,56	1,18	118,11	34,90	76,94	Grouser bar 96
160-465740	68	37	3050	2,68	1,46	120,08	46,94	103,48	Grouser bar 98
160-490440	75	45	3050	2,95	1,77	120,08	68,22	150,40	Grouser bar100



# ***WEAR PARTS FOR CRUSHERS***

Olofsors can supply custom-made wear parts for most variants of crushers. Based on a specific drawing, we can manufacture lateral bars, feed plates, wear plates and other parts subjected to wear and tear in a crusher.

***WEAR LINERS  
CHUTE PROTECTION  
GRIZZLY BARS***



# LATERAL BAR, FEED PLATE & CRUSHER PLATE



**Olofsfors wear parts** are made of our unique Bruxite material with a hardness of 500 Brinell. Bruxite is a proven steel material that meets stringent requirements in extreme environments. Olofsfors has supplied wear parts to a number of different known-brand crushing plants in Sweden, Asia, North America, etc. We have

an extensive experience as well as a large number of drawings and variants of wear parts that have been produced over the years. In consultation with our customers, we produce the parts needed for each individual crusher.





# **BUCKET WEAR PROTECTION**

**WEAR BLOCKS**

**BASE EDGE**

**WEAR STRIPS**

**EDGE PROTECTORS**

**HALF ARROW**

**WEAR PLATE**



# EDGE PROTECTOR



## BENEFITS:

- + PROTECTS THE BASE EDGE
- + PREVENTS BUCKET EDGE FROM SCALLOPING



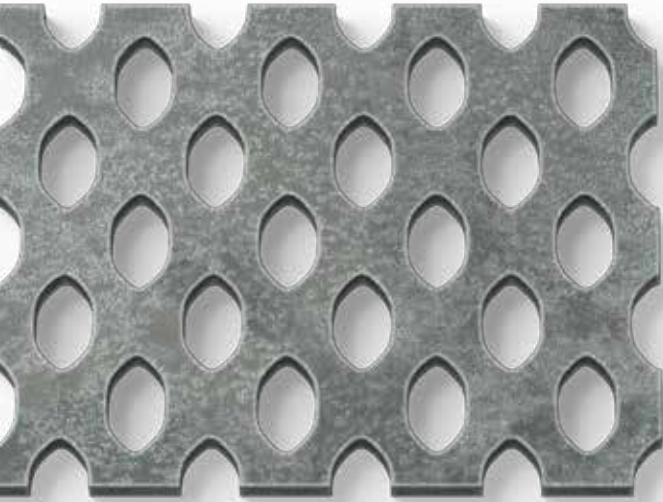
### Edge protectors for excavator and loader buckets

Olofsfors Edge protectors provide effective **protection for the base edge** between the teeth of both excavator buckets and bucket loaders. The edge protectors have been specially developed to work together with teeth of type Cat with side locking pin. Also work with other types of teeth system.

### Edge protectors – Weld-on

Item No	For edge thickness mm	Depth mm	Width mm	For edge thickness inches	Depth inches	Width inches	Weight kg	Weight lbs
171-472965	50 mm	220	60	1,97	8,66	2,36	5,2	11,46
171-472966	60 mm	245	60	2,36	9,65	2,36	7	15,43
171-472967	70 mm	290	65	2,76	11,42	2,56	11,8	26,01

# BRUXITE WEAR BLOCKS



## BENEFITS:

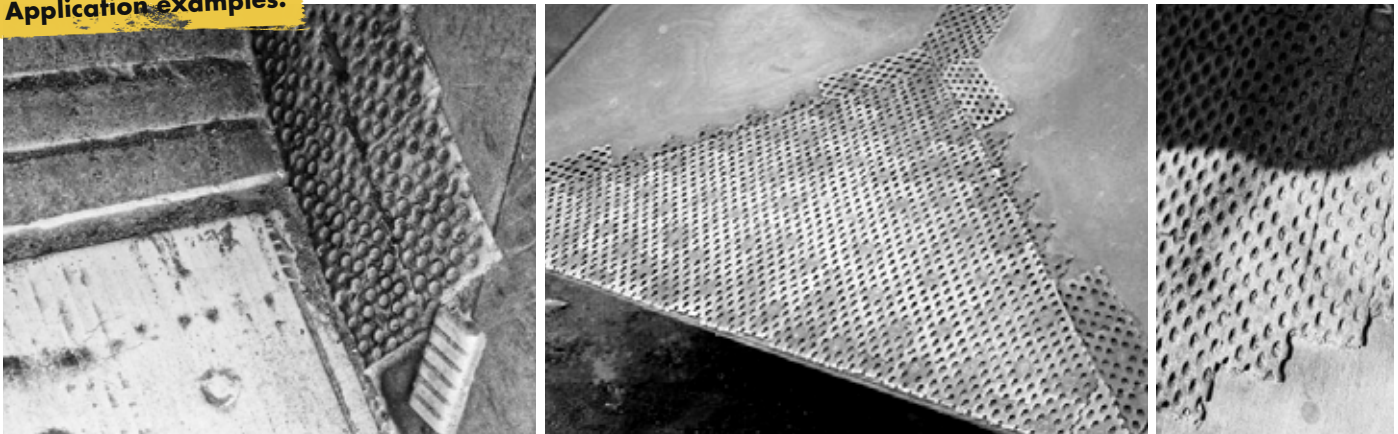
- + MORE THAN 10 TIMES LONGER WEAR LIFE THAN HARDFACING
- + THIN (10 MM) DOES NOT IMPEDE PENETRATION
- + LIGHTWEIGHT
- + FASTER AND LESS EXPENSIVE THAN HARDFACING
- + HOLES ACT AS A DEAD PAN FOR THE MATERIAL
- + 600 BRINELL

### Bruxite Wear Blocks

are made of a high tensile boron steel. The chemical composition of this material, together with the manufacturing method employed, ensures that it offers very good wear resistance and excellent welding properties. This is a very economical solution compared to Carbide Wear Blocks.

Item No		Weight kg	Weight lbs
122-455000	P300 200 x 10 x 125 (8" x 5") BWB	1,25	2,76
122-455010	P300 240 x 10 x 150 (9,45" x 6") BWB	1,8	3,97

### Application examples:

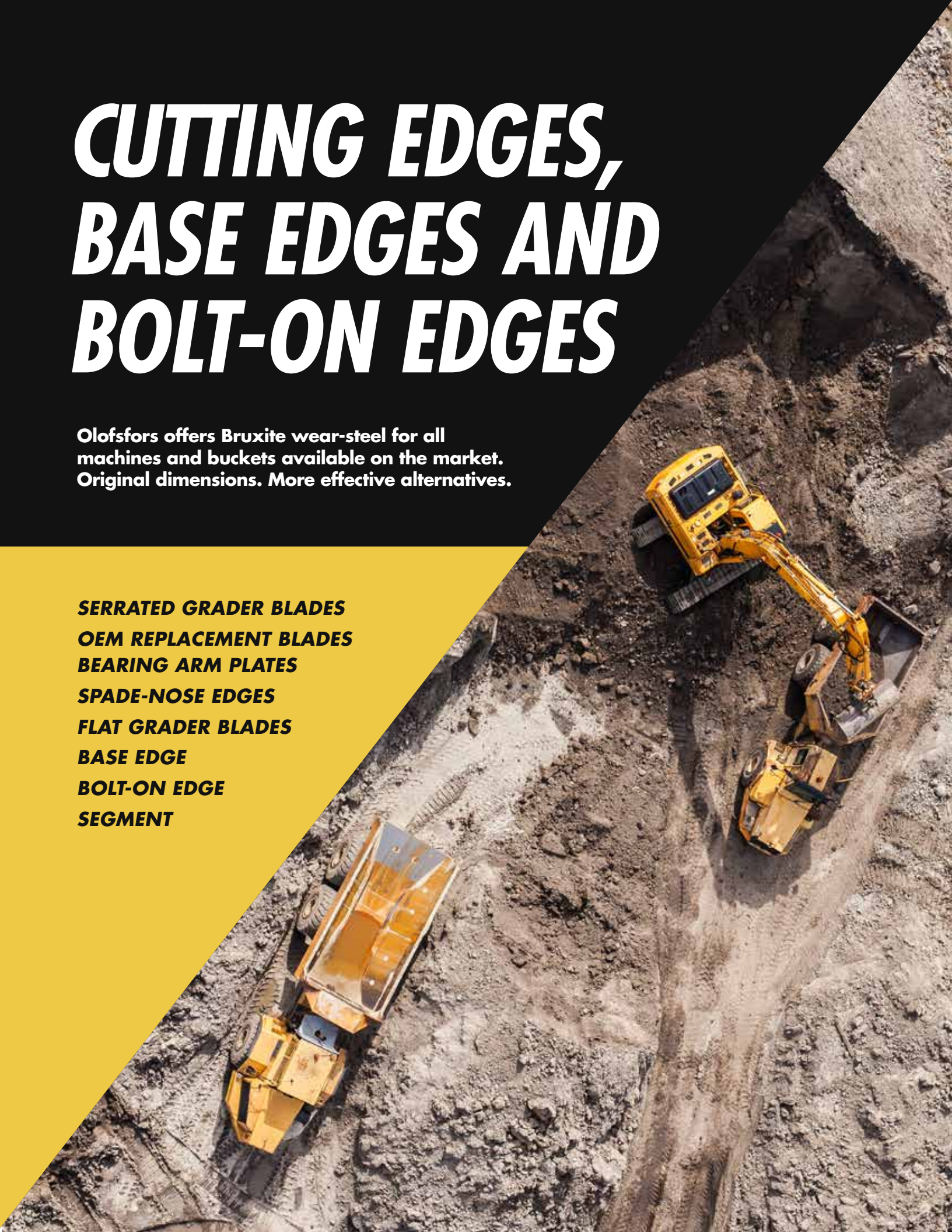




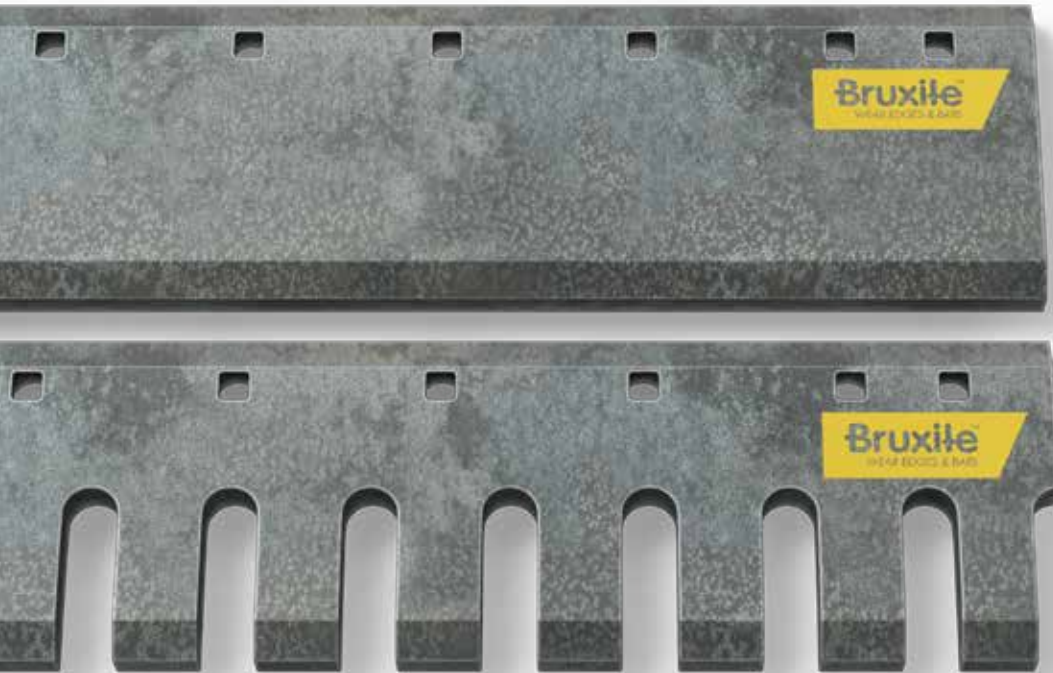
# **CUTTING EDGES, BASE EDGES AND BOLT-ON EDGES**

**Olofsfors offers Bruxite wear-steel for all machines and buckets available on the market. Original dimensions. More effective alternatives.**

**SERRATED GRADER BLADES  
OEM REPLACEMENT BLADES  
BEARING ARM PLATES  
SPADE-NOSE EDGES  
FLAT GRADER BLADES  
BASE EDGE  
BOLT-ON EDGE  
SEGMENT**



# SERRATED & FLAT BLADES



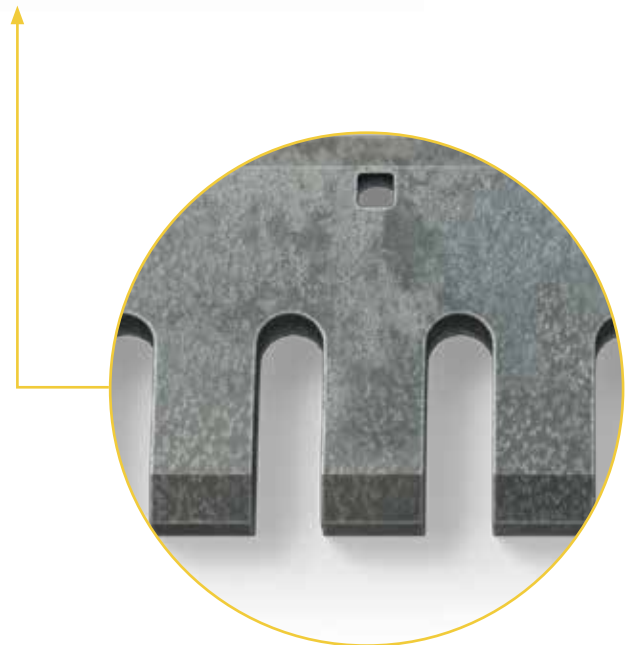
## BENEFITS:

- + **HEAVY-DUTY GRADER BLADES**
- + **500 BRINELL**
- + **FITS ANY GRADER**
- + **AVAILABLE IN:**
  - 8" TO 16" WIDTHS
  - 5/8" TO 3-3/4" THICKNESSES
  - 4' - 8' LENGTHS

**Bruxite Blades** are manufactured from high-strength through-hardened special alloy steel, that maximizes wear life. When it comes to wear, hardness is everything, and the Bruxite Blades are really hard, through and through, from edge to edge. The Olofsfors special alloy steel and heat treatment technology are what make these blades so tough and gives them their extreme hardness all the way through.

**Olofsfors wear-resistant steel**  
- optimum protection at the edges where wear is heaviest.

- + Hard and tough from edge to edge  
- maximum wear life
- + High precision in all dimensions - meets tough tolerance requirements
- + Systematic quality control





# FLAT AND SERRATED BLADES

FLAT BLADES											
OEM #	Thickness	Width	Length	Bolt Dim.	Width	Thickness	Length	KG	LB	Holes	OFAB-#
<b>5/8" Plow Bolts</b>											
4T2967	5/8"	8"	5	5/8"	200	16	1524	37,06	81,72	11	171M368700
4T2968	5/8"	8"	6	5/8"	200	16	1828	44,46	98,03	13	171M368701
4T2969	5/8"	8"	7	5/8"	200	16	2133	51,89	114,42	15	171M368702
4T2966	5/8"	8"	8	5/8"	200	16	2434	59,22	130,58	17	171M368703
4Z8129	3/4"	8"	3	5/8"	200	20	915	27,78	61,25	5	171M368705
4Z8119	3/4"	8"	4	5/8"	200	20	1220	37,50	82,69	9	171M368706
4T3034	3/4"	8"	5	5/8"	200	20	1524	45,76	100,90	11	171M368708
4T3007	3/4"	8"	6	5/8"	200	20	1828	54,9	121,05	13	171M368709
4T3036	3/4"	8"	7	5/8"	200	20	2133	64,07	141,27	15	171M368710
4T3035	3/4"	8"	8	5/8"	200	20	2434	73,12	161,23	17	171M368711
135-9692	1"	8"	4	5/8"	200	25	1220	45,42	100,15	9	171M368712
7T3497	1"	8"	5	5/8"	200	25	1524	56,76	125,16	11	171M368713
7T3499	1"	8"	6	5/8"	200	25	1828	67,85	149,61	13	171M368714
7T3498	1"	8"	7	5/8"	200	25	2133	79,19	174,61	15	171M368715
7T3496	1"	8"	8	5/8"	200	25	2434	90,38	199,29	17	171M368716
<b>3/4" Plow Bolts</b>											
4Z8120	5/8"	8"	5	3/4"	200	16	1524	36,85	81,25	11	171M368720
4T2971	5/8"	8"	6	3/4"	200	16	1828	44,21	97,48	13	171M368721
4T2970	5/8"	8"	7	3/4"	200	16	2133	51,6	113,78	15	171M368722
4T9603	5/8"	8"	8	3/4"	200	16	2434	58,89	129,85	17	171M368723
4T3033	3/4"	8"	6	3/4"	200	20	1828	54,56	120,30	13	171M368724
4T3032	3/4"	8"	7	3/4"	200	20	2133	63,68	140,41	15	171M368725
4T3037	3/4"	8"	8	3/4"	200	20	2434	72,68	160,26	17	171M368726
4Z8926	1"	8"	4	3/4"	200	25	1220	44,96	99,14	9	171M368727
7T3493	1"	8"	6	3/4"	200	25	1828	67,44	148,71	13	171M368728
7T3494	1"	8"	7	3/4"	200	25	2133	78,71	173,56	15	171M368729
7T3495	1"	8"	8	3/4"	200	25	2434	89,83	198,08	17	171M368730
4T6502	1"	10"	6	3/4"	250	25	1828	85,37	188,24	13	171M368731
4T6508	1"	10"	7	3/4"	250	25	2133	98,96	218,21	15	171M368732
4T6511	1"	10"	8	3/4"	250	25	2434	117,1	258,21	17	171M368733
4T8316	1 3/8"	10"	7	3/4"	250	35	2133	137,21	302,55	15	171M368734
4T8317	1 3/8"	10"	8	3/4"	250	35	2434	159,94	352,67	17	171M368520
104-3628	1 3/4"	10"	8	3/4"	250	45	2434	199,51	439,92	17	171M368735
140-6790	1"	11"	7	3/4"	280	25	2133	111,52	245,90	15	171M368736
4Z9186	1"	11"	8	3/4"	280	25	2434	127,27	280,63	17	171M368737
132-1086	1 3/8"	11"	8	3/4"	280	35	2434	177,68	391,78	17	171M368738
4Z9188	1 3/8"	12"	8	3/4"	300	35	2434	191,06	421,29	17	171M368739
128-2577	1 3/4"	13"	8	3/4"	330	45	2434	268,3	591,60	17	171M368741
<b>1" Plow Bolts for 24H Graders</b>											
109-3117	1 1/8"	13"	4	1"	330	30	1220	90,11	198,69	9	171M368750
109-3116	1 3/4"	13"	4	1"	330	45	1220	133,24	293,79	9	171M368751
132-1019	2 3/8"	13"	8	1"	330	60	2438	350,62	773,12	9	171M368752
135-9690	1 1/8"	16"	4	1"	400	30	1220	110,21	243,01	9	171M368753
138-6440	1 3/4"	16"	4	1"	400	45	1220	163,39	360,27	9	171M368754
	2"	16"	4	1"	400	50	1220	184,27	406,32	9	171M495500
135-9349	2 3/8"	16"	4	1"	400	60	1220	219,98	485,06	9	171M368755
<b>SERRATED BLADES</b>											
OEM #	Thickness	Width	Length	Bolt Dim.	Width	Thickness	Length	KG	LB	Holes	OFAB-#
<b>5/8" and 3/4" Plow Bolts</b>											
350-0179	3/4"	8"	6	5/8"	200	20	1828	44,02	97,06	13	171M368762
350-0181	3/4"	8"	7	5/8"	200	20	2133	51,32	113,16	15	171M368761
350-0180	3/4"	8"	7	3/4"	200	20	2133	51,00	112,46	15	171M368760
7T3600	1"	8"	4	3/4"	200	25	1220	38,24	84,32	9	171M368763
7T3601	1"	8"	5	3/4"	200	25	1525	47,83	105,47	11	171M368764
4Z8055	1"	10"	7	3/4"	250	25	2133	79,43	175,14	15	171M368767
4Z8056	1"	10"	8	3/4"	250	25	2434	90,71	200,02	17	171M368768
4Z8346	1 3/8"	10"	7	3/4"	250	35	2133	110,03	242,62	15	171M368769
100-4581	1 3/8"	10"	8	3/4"	250	35	2434	124,85	275,29	17	171M368758
104-3631	1 3/4"	10"	8	3/4"	250	45	2434	161,86	356,90	17	171M368532
134-1778	2 3/4"	13"	8	3/4"	330	45	2434	241,02	531,45	17	171M368531
<b>1" Plow Bolts for 24H Graders</b>											
138-6542	3 3/4"	13"	4	1"	330	45	1220	120,2	265,04	9	171M368533
	2"	16"	4	1"	400	50	1220	185	407,93	9	171M495505
135-9796	2 3/8"	16"	4	1"	400	60	1213	171,04	377,14	9	171M368530





# BASE AND BOLT-ON EDGES VOLVO TYPE 1

Item No.	Description	No.	Dimension mm	Dimension inches	Weight kg/item	Weight lbs/item	Reference no.	Note	Stock	Bolt	No.
171-857501	<b>Base edge</b>	1	150x20x2130	5,91x0,79x83,86	46	101,41	4857501	4200,L30	●		
171-857492	Bolt-on edge	3	220x16x710	8,66x0,63x27,95	18	39,68	4857492		●	M16x55	9
171-010634	<b>Base edge</b>	1	150x20x2240	5,91x0,79x88,19	49	108,03	11010634		○		
171-010633	Bolt-on edge	3	220x16x744	8,66x0,63x29,29	21	46,30	11010633		○	M16x55	9
171-857502	<b>Base edge</b>	1	200x20x2300	7,87x0,79x90,55	69	152,12	4857502	4200B,L50	○		
171-857493	Bolt-on edge	3	220x16x768	8,66x0,63x30,24	20	44,09	4857493		●	M16x55	9
171-857503	<b>Base edge</b>	1	200x25x2430	7,87x0,98x95,67	91	200,62	4857503	4300,L70	○		
171-857494	Bolt-on edge	4	250x20x608	9,84x0,79x23,94	23	50,71	4857494	6300	●	M20x60	12
171-859527	<b>Base edge</b>	1	200x25x2500	7,87x0,98x98,43	91	200,62	4859527		○		
171-857495	Bolt-on edge	4	300x20x626	11,81x0,79x24,65	29	63,93	4857495		●	M20x60	12
171-858166	<b>Base edge</b>	1	200x30x2500	7,87x1,18x98,43	108	238,10	4858166	4400,L90	○		
171-858167	Bolt-on edge	4	320x25x626	12,61x0,98x24,65	38	83,78	4858167		●	M24x70	12
171-858167X	Bolt-on edge	4	330x25x626	12,99x0,98x24,65	38	83,78	4858167		○	M24x70	12
171-010184	<b>Base edge</b>	1	200x30x2750	7,87x1,18x108,27	118	260,15	11010184	4500,L120	●		
171-857496	Bolt-on edge	4	320x25x686	12,61x0,98x27,01	42	92,59	4857496		●	M24x70	12
171-857496X	Bolt-on edge	4	330x25x686	12,99x0,98x27,01	42	92,59	4857496		●	M24x70	12
171-010185	<b>Base edge</b>	1	270x35x2950	10,63x1,38x116,14	204	449,74	11010185		○		
171-010187	Bolt-on edge	4	320x25x736	12,61x0,98x28,98	44	97,00	11010187		●	M24x80	12
171-859041	<b>Base edge</b>	1	200x25x3000	7,87x0,98x118,11	115	253,53	4859041		●		
171-354110	<b>Base edge</b>	1	200x30x3000	7,87x1,18x118,11	129	284,40			●		
171-859042	Bolt-on edge	5	250x25x608	9,84x0,98x23,94	28	61,73	4859042		●	M24x70	15
171-859042X	Bolt-on edge	5	330x25x608	12,99x0,98x23,94	37	81,57	4859042		●	M24x70	15
171-857506	<b>Base edge</b>	1	300x40x3200	11,81x1,57x125,98	281	619,50	4857506	4600,L160	○		
171-857497	Bolt-on edge	4	350x30x800	13,78x1,18x31,51	63	138,89	4857497		●	M24x80	12
171-462460	Bolt-on edge	4	350x35x800	13,78x1,38x31,51	73	160,94	4857497		●	M24x80	12
171-858008	<b>Base edge</b>	1	200x25x3500	7,87x0,98x137,81	127	160,94	4858008		○		
171-857496	Bolt-on edge	5	320x25x686	12,61x0,98x27,01	42	92,59	4857496		●	M24x70	15
171-857496X	Bolt-on edge	5	330x25x686	12,99x0,98x27,01	42	92,59	4857496		●	M24x70	15
171-858009	<b>Base edge</b>	1	200x30x4000	7,87x1,18x157,48	172	379,20	4858009		○		
171-857497	Bolt-on edge	5	350x30x800	13,78x1,18x31,51	63	138,89	4857497		●	M24x70	15

● Stock ○ Needs to be ordered – No longer in stock

# BASE AND BOLT-ON EDGES VOLVO TYPES 2 & 3

Item No.	Description	No.	Dimension mm	Dimension inches	Weight kg/item	Weight lbs/item	Reference no.	Note	Stock	Bolt	No.
171-010991	<b>Base edge</b>	1	200x20x2130	7,87x0,79x83,86	62	136,69	11010991	L30	—		
171-011143	Bolt-on edge	1	250x20x1248	9,84x0,79x49,13	45	99,21	11011143		○		
171-011144	Bolt-on edge	2	250x20x436	9,84x0,79x17,17	16	35,27	11011144		○	M16x55	15
171-010393	<b>Base edge</b>	1	200x20x2300	7,87x0,79x90,55	67	147,71	11010393	L50	○		
171-011143	Bolt-on edge	1	250x20x1248	9,84x0,79x49,13	45	99,21	11011143	Kit 80133	○		
171-011414	Bolt-on edge	2	250x20x521	9,84x0,79x20,51	19	41,89	11011414	Kit 80133	○	M16x55	17
171-012935	<b>Base edge</b>	1	200x20x2380	7,87x0,79x93,7	70	154,32	11012935		○		
171-012938	Bolt-on edge	1	250x20x1328	9,84x0,79x52,28	51	112,44	11012938		○		
171-011414	Bolt-on edge	2	250x20x521	9,84x0,79x20,51	19	41,89	11011414		○	M16x55	17
171-010394	<b>Base edge</b>	1	200x25x2430	7,87x0,98x95,67	88	194,00	11010394	L70, 6300	○		
171-011412	Bolt-on edge	1	280x20x1373	11,02x0,79x54,06	57	125,66	11011412		○		
171-011413	Bolt-on edge	2	367x20x521	14,45x0,79x20,51	28	61,73	11011413		●	M16x55	21
171-081543	<b>Base edge</b>	1	200x20x2500	7,87x0,79x98,43	74	163,14	11081543	L50	○		
171-081544	Bolt-on edge	1	250x20x1448	9,84x0,79x57,01	53	116,84	11081544		●		
171-011414	Bolt-on edge	2	250x20x521	9,84x0,79x20,51	19	41,89	11011414		●	M16x55	18
171-011438	<b>Base edge</b>	1	200x25x2500	7,87x0,98x98,43	91	200,62	11011438	6300,L70	○		
171-011439	Bolt-on edge	1	250x20x1448	9,84x0,79x57,01	53	116,84	11011439	Kit 80133	○		
171-011414	Bolt-on edge	2	250x20x521	9,84x0,79x20,51	19	41,89	11011414		○	M16x65	17
171-012887	Bolt-on edge	1	280x20x1448	11,02x0,79x57,01	59	130,10	11012887	Kit 80134	●		
171-011413	Bolt-on edge	2	367x20x521	14,45x0,79x20,51	28	61,73	11011413		●	M16x65	21
171-081624	<b>Base edge</b>	1	200x20x2550	7,87x0,79x100,39	95	209,44	11081624		○		
171-081625	Bolt-on edge	1	280x20x1498	11,02x0,79x58,98	62	136,69	11081625		○		
171-011413	Bolt-on edge	2	367x20x521	14,45x0,79x20,51	28	61,73	11011413		●	M16x55	21
171-156508	<b>Base edge</b>	1	200x25x2550	7,87x0,98x100,39	92	202,83	11156508	L70	○		
171-156585	Bolt-on edge	1	280x20x1472	11,02x0,79x57,95	61	134,48	11156585		○		
171-156579	Bolt-on edge	2	367x20x534	14,45x0,79x21,02	29	63,93	11156579		●	M16x55	20
171-012803	<b>Base edge</b>	1	200x20x2650	7,87x0,79x104,33	78	171,96	11012803		○		
171-012832	Bolt-on edge	1	280x20x1598	11,02x0,79x62,91	66	145,51	11012832		●		
171-011413	Bolt-on edge	2	367x20x521	14,45x0,79x20,51	28	61,73	11011413		●	M16x55	22
171-010395	<b>Base edge</b>	1	200x30x2650	7,87x1,18x104,33	113	249,12	11010395	L90	○		
171-011111	Bolt-on edge	1	300x25x1348	11,81x0,98x53,07	74	163,14	11011111		●		
171-011112	Bolt-on edge	2	387x25x646	15,24x0,98x25,43	46	101,41	11011112		●	M20x65	21
171-011111X	Bolt-on edge	1	330x25x1348	12,99x0,98x53,07	81	178,57			○		
171-011112X	Bolt-on edge	2	330x25x646	12,99x0,98x25,43	39	85,98			○	M20x65	21
171-045661	<b>Base edge</b>	1	250x30x2650	9,84x1,18x104,33	144	317,47	11045661	Kit 93417	○		
171-045948	Bolt-on edge	1	300x25x1494	11,81x0,98x58,82	82	180,78	11045948		●		
171-045947	Bolt-on edge	2	387x25x574	15,24x0,98x22,61	41	90,39	11045947		●	M20x65	20
171-045948X	Bolt-on edge	1	330x25x1494	12,99x0,98x58,82	90	198,42			●		
171-045947X	Bolt-on edge	2	330x25x574	12,99x0,98x22,61	35	77,16			●	M20x65	20
171-045949	Segment	7	300x30x245	11,81x1,18x9,64	16	35,27	11045949	Kit 93423	○	M20x65	14
171-081049	<b>Base edge</b>	1	200x25x2750	7,87x0,98x108,27	100	220,46	11081049	L90	●		
171-081051	Bolt-on edge	1	300x25x1448	11,81x0,98x57,01	85	187,39	11081051		●		
171-011112	Bolt-on edge	2	387x25x646	15,24x0,98x25,43	46	101,41	11011112		●	M20x60	21
171-156728	<b>Base edge</b>	1	250x30x2750	9,84x1,18x108,27	150	330,69	11156728	L90	○		
171-156729	Bolt-on edge	1	300x25x1608	11,81x0,98x63,31	115	253,53	11156729		○		
171-156731	Bolt-on edge	2	387x25x566	15,24x0,98x22,28	40	88,18	11156731		○	M20x70	20
171-010396	<b>Base edge</b>	1	270x35x2850	10,63x1,38x112,2	196	432,11	11010396	L120	●		
171-011153	Bolt-on edge	1	350x25x1600	13,78x0,98x62,99	103	227,10	11011153		●		
171-011154	Bolt-on edge	2	461x25x622	18,15x0,98x24,49	53	116,84	11011154		●	M20x70	21
171-011153X	Bolt-on edge	1	360x30x1600	14,17x1,18x62,99	120	264,55			●		
171-011154X	Bolt-on edge	2	360x30x622	14,17x1,18x24,49	47	103,62			●	M20x70	21

● Stock ○ Needs to be ordered — No longer in stock



# BASE AND BOLT-ON EDGES VOLVO TYPES 2 & 3

Item No.	Description	No.	Dimension mm	Dimension inches	Weight kg/item	Weight lbs/item	Reference no.	Note	Stock	Bolt	No.
171-045768	<b>Base edge</b>	1	270x35x2880	10,63x1,38x113,39	197,00	434,31	11045768	L110/L120	○		
171-045809	Bolt-on edge	1	350x25x1624	13,78x0,98x63,94	105,00	231,49	11045809	Kit 93418	●		
171-045808	Bolt-on edge	2	461x25x624	18,15x0,98x24,5	53,00	116,84	11045808		●	M20x70	25
171-045809X	Bolt-on edge	1	360x30x1624	14,17x1,18x63,94	121,00	266,76			●		
171-045808X	Bolt-on edge	2	360x30x624	14,17x1,18x24,57	47,00	103,62			●	M20x70	25
171-045810X	Segment	7	360x30x280	14,17x1,18x11,02	22,00	48,50	11045810	Kit 93424	○	M20x70	21
171-081024	<b>Base edge</b>	1	200x25x3000	7,87x0,98x118,11	109,00	240,30	11081024		○		
171-012955	Bolt-on edge	1	300x25x1698	11,81x0,98x66,85	93,00	205,00	11012955		●		
171-011112	Bolt-on edge	2	387x25x646	15,24x0,98x25,43	46,00	101,41	11011112		●	M20x60	22
171-156764	<b>Base edge</b>	1	270x35x3000	10,63x1,38x118,11	206,00	454,15	11156764	L110/L120	○		
171-156766	Bolt-on edge	1	350x25x1682	13,78x0,98x66,22	109,00	240,30	11156766		●		
171-156765	Bolt-on edge	2	461x25x655	18,15x0,98x25,79	56,00	123,46	11156765		●	M20x70	20
171-156766X	Bolt-on edge	1	360x30x1682	14,17x1,18x66,22	126,00	277,78			○		
171-156765X	Bolt-on edge	2	360x30x655	14,17x1,18x25,79	49,00	108,00			○	M20x70	20
171-156762	Segment	7	350x30x280	13,78x1,18x11,02	21,00	46,30	11156762		○	M20x70	14
171-082219	<b>Base edge</b>	1	270x35x3000	10,63x1,38x118,11	207,00	456,36	11082219		○		
171-082755	Bolt-on edge	1	350x25x1745	13,78x0,98x68,7	113,00	249,12	11082755		●		
171-011154	Bolt-on edge	2	461x25x622	18,15x0,98x24,49	53,00	116,84	11011154		●	M20x70	21
171-111884	<b>Base edge</b>	1	300x40x3000	11,81x1,57x118,11	260,00	573,20	11111884	L150	○		
171-111886	Bolt-on edge	1	380x30x1682	14,96x1,18x66,22	141,00	310,85	11111886	Kit 93746	●		
171-111885	Bolt-on edge	2	480x30x655	18,9x1,18x25,79	69,00	152,12	11111885		●	M24x80	20
171-111054	Segment	7	380x35x270	14,96x1,38x10,63	26,00	57,32	11111054	Kit 93425	○	M24x80	14
171-081059	<b>Base edge</b>	1	200x30x3200	7,87x1,18x126	137,00	302,03	11081059		●		
171-081068	Bolt-on edge	1	380x30x1467	14,96x1,18x57,76	123,00	271,17	11081068		●		
171-081069	Bolt-on edge	2	480x30x863	18,9x1,18x33,97	91,00	200,62	11081069		●	M24x65	21
171-081061	<b>Base edge</b>	1	300x40x3200	11,81x1,57x126	279,00	615,09	11081061	L150/L180	○		
171-081068	Bolt-on edge	1	380x30x1467	14,96x1,18x57,76	123,00	271,17	11081068		●		
171-081069	Bolt-on edge	2	480x30x863	18,9x1,18x33,97	91,00	200,62	110081069		●	M24x80	21
171-081068X	Bolt-on edge	1	406x35x1467	15,98x1,38x57,76	155,00	341,72			○		
171-081069X	Bolt-on edge	2	406x35x863	15,98x1,38x33,97	91,00	200,62			○	M24x80	21
171-082599	<b>Base edge</b>	1	300x40x3200	11,81x1,57x126	278,00	612,89	11082599	L150/180	○		
171-082666	Bolt-on edge	1	380x30x1818	14,96x1,18x71,57	153,00	337,31	11082666	Kit 94751	●		
171-082664	Bolt-on edge	2	480x30x687	18,9x1,18x27,05	73,00	160,94	11082664		●	M24x80	20
171-111887	Segment	7	380x35x300	14,96x1,38x11,81	29,00	63,93	11111887	Kit 93427	●	M24x80	14
171-467900	<b>Base edge</b>	1	300x40x3200	11,81x1,57x126	278,00	612,89	11156282	Countersunk	●		
171-082666	Bolt-on edge	1	380x30x1818	14,96x1,18x71,57	153,00	337,31	11082666	Kit 94751	●		
171-082664	Bolt-on edge	2	480x30x687	18,9x1,18x27,05	73,00	160,94	11082664		●	M24x70	20
171-082666X	Bolt-on edge	1	406x35x1818	15,98x1,38x71,57	191,60	422,40			●		
171-082664X	Bolt-on edge	2	406x35x687	15,98x1,38x27,05	72,10	158,95			●	M24x70	20
171-482660	Bolt-on edge	1	270x35x1818	10,63x1,38x71,57	125,00	275,58		not reversible -666	●		
171-482670	Bolt-on edge	2	270x35x687	10,63x1,38x27,05	47,00	103,62		not reversible -664	●	M24x70	16
171-045996	<b>Base edge</b>	1	300x40x3230	11,81x1,57x127,17	283,00	623,90	11045996	L150/180	○		
171-111888	Segment	7	380x35x310	14,96x1,38x12,2	30,00	66,14	11111888		●	M24x80	14
171-111888X	Segment	7	406x35x310	15,98x1,38x12,2	33,00	72,75		Kit 93426	○	M24x80	14

● Stock ○ Needs to be ordered — No longer in stock

# BASE AND BOLT-ON EDGES VOLVO TYPES 2 & 3

Item No.	Description	No.	Dimension mm	Dimension inches	Weight kg/item	Weight lbs/item	Reference no.	Note	Stock	Bolt	No.
171-011630	<b>Base edge</b>	1	200x25x3400	7,87x0,98x133,86	123	271,17	11011630		○		
171-011631	Bolt-on edge	1	300x25x2098	11,81x0,98x82,6	115	253,53	11011631		●		
171-011112	Bolt-on edge	2	387x25x646	15,24x0,98x25,43	46	101,41	11011112		●	M24x70	25
171-081063	<b>Base edge</b>	1	200x30x3400	7,87x1,18x133,86	146	321,87	11081063		○		
171-081065	Bolt-on edge	1	380x30x1666	14,96x1,18x65,59	140	308,65	11081065		●		
171-468570	Bolt-on edge	2	380x30x863	14,96x1,18x33,98	72	158,73			●	M24x80	19
171-081078	<b>Base edge</b>	1	300x40x3400	11,81x1,57x133,86	296	652,50	11081078	L150, L180	○		
171-081065	Bolt-on edge	1	380x30x1666	14,96x1,18x65,59	140	308,65	11081065		●		
171-081069	Bolt-on edge	2	480x30x863	18,91x1,18x33,98	91	200,62	11081069		●	M24x80	23
171-111760	<b>Base edge</b>	1	300x40x3400	11,81x1,57x133,86	297	654,77	11111760	L180/L220	○		
171-111776	Bolt-on edge	1	380x30x1954	14,96x1,18x76,93	164	361,56	11111776	Kit 93666	●		
171-111775	Bolt-on edge	2	480x30x719	18,91x1,18x28,31	76	167,55	11111775		●	M24x80	23
171-479800	Bolt-on edge	1	406x40x1954	15,98x1,57x76,93	238	524,70			●		
171-479790	Bolt-on edge	2	500x40x719	19,69x1,57x28,31	125	275,58			●	M24x80	23
171-111761	Segment	7	380x35x330	14,96x1,38x12,99	32	70,55	11111761	Kit 93428	●	M24x80	21
171-142595	<b>Base edge</b>	1	300x40x3400	11,81x1,57x133,86	287	632,73	11142595	Countersunk	●		
171-111776	Bolt-on edge	1	380x30x1954	14,96x1,18x76,93	164	361,56	11111776		●		
171-111775	Bolt-on edge	2	480x30x719	18,91x1,18x28,31	76	167,55	11111775		●	M24x70	23
171-111776X	Bolt-on edge	1	406x35x1954	15,98x1,38x76,93	206	454,15		Kit 80115	●		
171-111775X	Bolt-on edge	2	406x35x719	15,98x1,38x28,31	75	165,35			●	M24x70	23
171-482690	Bolt-on edge	1	270x35x1954	10,63x1,38x76,93	134	295,42		not reversible -776	●		
171-482680	Bolt-on edge	2	270x35x719	10,63x1,38x28,31	49	108,03		not reversible -775	●	M24x70	19
171-111761	Segment	7	380x35x330	14,96x1,38x12,99	32	70,55	11111761		●	M24x70	21
171-111761X	Segment	7	406x35x330	15,98x1,38x12,99	35	77,16			●	M24x70	21
171-142594	<b>Base edge</b>	1	300x40x3430	11,81x1,57x135,04	298	656,98	11142594	L220 Countersunk	○		
171-111761X	Segment	7	406x35x340	15,98x1,38x13,39	35	77,16		Kit 93667	●	FH M24x70	21
171-155370	<b>Base edge</b>	1	300x40x3580	11,81x1,57x140,94	303	668,00	15155370	L250 Countersunk	○		
171-155526	Bolt-on edge	1	380x30x2074	14,96x1,18x81,65	175	385,81	15155526		●	24Mx70	
171-155527	Bolt-on edge	2	480x40x748	18,91x1,57x29,45	79	174,17	15155527		●	24Mx70	23
171-081058	<b>Base edge</b>	1	200x30x3700	7,87x1,18x145,71	159	350,53	11081058	L150, L180	○		
171-081066	Bolt-on edge	1	380x30x1965	14,96x1,18x77,36	165	363,76	11081066		●		
171-468570	Bolt-on edge	2	380x30x863	14,96x1,18x33,98	72	158,73	11081069		●	M24x80	20
171-491250	<b>Base edge</b>	1	300x40x3700	11,81x1,57x145,71	304	670,21	11111691	L220 Countersunk	○		
171-081066	Bolt-on edge	1	380x30x1965	14,96x1,18x77,36	165	363,76			●		
171-081069	Bolt-on edge	2	480x30x863	18,91x1,18x33,98	91	200,62	11081069		●	M24x80	24
171-483370	Bolt-on edge	1	270x35x1965	10,63x1,38x77,36	137	302,03		not reversible	○		
171-355330	Bolt-on edge	2	480x35x863	18,91x1,38x33,98	106	233,69			○	M24x80	24
171-082431	<b>Base edge</b>	1	370x65x3970	14,57x2,56x156,31	647	1426,39	11082431	L330/L350 Countersunk	○		
171-082433	Bolt-on edge	1	430x40x1422	16,93x1,57x55,98	179	394,63	11082433		○		
171-082434	Bolt-on edge	2	430x40x1265	16,93x1,57x49,8	159	350,53	11082434	Kit 94458	○	1 1/4"x95	19
171-111134	Segment	7	430x50x340	16,93x1,97x13,39	48	105,82	11111134	Kit 93665	○	1 1/4"x95	21
171-081062	<b>Base edge</b>	1	200x30x4000	7,87x1,18x157,48	171	376,99	11081063	4600B,L160,180	○		
171-081067	Bolt-on edge	1	380x30x2265	14,96x1,18x89,17	190	418,88	11081067		●		
171-081069	Bolt-on edge	2	480x30x863	18,91x1,18x33,98	91	200,62	110081069		●	M24x80	21

● Stock ○ Needs to be ordered — No longer in stock

# SPADE-NOSE EDGES AND BOLT-ON EDGES VOLVO

Item No.	Description	No.	Dimension mm	Dimension inches	Weight kg/item	Weight lbs/item	Reference no.	Note	Stock	Bolt	No.
<b>L120</b>											
171-045693	<b>Spade-nose edges</b>	1	2880/850x480/205x35	113,39/33,46x18,91/8,07x1,38	288	634,93	11045693	L120	○		
171-045826	Bolt-on edge, centre	1	350x25x876	13,78x0,98x34,49	57	125,66	11045826	Kit 93419	○		
171-045827	Bolt-on edge, left	1	350x25x1127	13,78x0,98x44,37	66	145,51	11045827		○		
171-045828	Bolt-on edge, right	1	350x25x1127	13,78x0,98x44,37	66	145,51	11045828		○	M20x70	25
171-142263	Segment	7	350x30x260	13,78x1,18x10,24	21	46,23	11142263	Kit 93899	○	M20x70	21
<b>L150</b>											
171-045585	<b>Spade-nose edges</b>	1	3030/850x565/272x40	119,29/33,46x22,24/10,71x1,57	416	917,12	11045585	L150	○		
171-045615	Bolt-on edge, centre	1	380x30x924	14,96x1,18x36,38	67	147,71	11045615	Kit 93420	○		
171-045616	Bolt-on edge, left	1	380x30x1187	14,96x1,18x46,73	91	200,62	11045616		○		
171-045617	Bolt-on edge, right	1	308x30x1187	12,13x1,18x46,73	91	200,62	11045617		○	M24x80	16
171-111054	Segment	7	380x35x270	14,96x1,38x10,63	26	57,32	11111054	Kit 93425	○	M24x80	14
<b>L150/L180</b>											
171-045586	<b>Spade-nose edges</b>	1	3230/850x590/272x40	127,17/33,46x23,23/10,71x1,57	457	1007,51	11045586	L150/L180	○		
171-156280	<b>Spade-nose edges</b>	1	3230/850x590/272x40	127,17/33,46x23,23/10,71x1,57	453	998,69	11156280	Countersunk	○		
171-111889	Bolt-on edge, centre	1	380x30x1010	14,96x1,18x39,76	85	187,39	11111889	Kit 93421	○		
171-045618	Bolt-on edge, left	1	380x30x1246	14,96x1,18x49,06	96	211,64	11045618		○		
171-045619	Bolt-on edge, right	1	380x30x1246	14,96x1,18x49,06	96	211,64	11045619		○	M24x80	16
171-111889X	Bolt-on edge, centre	1	406x35x1010	15,98x1,38x39,76	107	235,89			●		
171-045618X	Bolt-on edge, left	1	406x35x1246	15,98x1,38x49,06	120	264,55			●		
171-045619X	Bolt-on edge, right	1	406x35x1246	15,98x1,38x49,06	120	264,55			●	M24x80	16
171-111887	Segment	7	380x35x300	14,96x1,38x11,81	29	63,93	11111887	Kit 93427	○	M24x80	14
<b>L220</b>											
171-142596	<b>Spade-nose edges</b>	1	3430/850x620/272x40	135,04/33,46x24,41/10,71x1,57	496	1093,49	11142596	Kit 93422	○		
171-111762	Bolt-on edge, centre	1	500x30x1094	19,69x1,18x43,07	120	264,55	11111762		●		
171-111011	Bolt-on edge, left	1	380x30x1308	14,96x1,18x51,51	100	220,46	11111011		●		
171-111012	Bolt-on edge, right	1	380x30x1308	14,96x1,18x51,51	100	220,46	11111012		●	M24x65	23
171-484760	Bolt-on edge, centre	1	500x40x1094	19,69x1,57x43,07	157	346,13			○		
171-484740	Bolt-on edge, left	1	380x40x1308	14,96x1,57x51,51	132	291,01			○		
171-484750	Bolt-on edge, right	1	380x40x1308	14,96x1,57x51,51	132	291,01			○	M24x65	23
171-111761	Segment	7	380x35x330	14,96x1,38x12,99	32	70,55	11111761	Kit 80114	●	M24x65	21
171-111761X	Segment	7	406x35x330	15,98x1,38x12,99	35	77,16			○	M24x65	21
<b>L220</b>											
171-111305	<b>Spade-nose edges</b>	1	3530/850x650/290x50	138,98/33,46x25,59/11,42x1,97	672	1481,51	11111305	L220	—		
171-111564	Bolt-on edge, centre	1	550x35x1074	21,65x1,38x42,28	143,7	316,8	11111564	Kit 93669	○		
171-111565	Bolt-on edge, left	1	390x35x1267	51,51x1,38x49,88	125	275,58	11111565		○		
171-111566	Bolt-on edge, right	1	390x35x1267	51,51x1,38x49,88	125	275,58	11111566		○	M24x70	23
171-111277	Segment	7	390x40x320	51,51x1,57x12,61	35,6	78,48	11111277	Kit 80114	○	M24x70	21
<b>L250</b>											
171-159120	<b>Spade-nose edges</b>	1	3580/894x650/290x50	140,94/35,21x25,59/11,42x1,97	674	1485,92	15159120	Countersunk	○		
171-159420	Bolt-on edge, centre	1	500x35x1135	19,69x1,38x44,69	143	315,26	15159420	Kit 85398	○		
171-159421	Bolt-on edge, left	1	380x35x1265	14,96x1,38x49,8	122	268,96	15159421		○		
171-159422	Bolt-on edge, right	1	380x35x1265	14,96x1,38x49,8	122	268,96	15159422		○	M24x70	23
<b>L330/L350</b>											
171-111126	<b>Spade-nose edges</b>	1	3970/692x790/352x65	156,31/27,24x31,1/13,86x2,56	1138	2508,86	11111126	L330	○		
171-489050	<b>Spade-nose edges</b>	1	3970/692x790/352x50	156,31/27,24x31,1/13,86x1,97	897	1977,55		Countersunk	○		
171-111135	Bolt-on edge, centre	1	600x40x1239	23,62x1,57x48,78	204	449,74	11111135	Kit 93664	●		
171-111136	Bolt-on edge, left	1	430x40x1524	16,93x1,57x60	172	379,2	11111136		●		
171-111137	Bolt-on edge, right	1	430x40x1524	16,93x1,57x60	172	379,2	11111137		●	1 1/4"x95	23
171-111134	Segment	7	430x50x340	16,93x1,97x13,39	48	105,82	11111134	Kit 93665	○	1 1/4"x95	21

● Stock ○ Needs to be ordered — No longer in stock



# BEARING ARM PLATE VOLVO



Item No.	No.	Dimension mm	Dimension inches	Weight kg/item	Weight lbs/item	Reference no.	Note	Stock	Bolt	No.
171-142174	2	280x20x400	11,02x0,79x15,75	16	35,27	11142174	L50/L60/L70	○	M16x50	8
171-142033	2	300x20x 550	11,81x0,79x 21,65	22	48,50	11142033	L90/L110/L120	●	M20x60	8
171-111811	2	350x25x 600	13,78x0,98x 23,62	37	81,58	11111811	L150/L180	●	M24x65	8
171-111282	2	400x35x 570	15,75x1,38x 22,44	56	123,46	11111282	L220/L250	●	M24x65	8
171-111250	2	450x50x 816	17,72x1,97x 32,13	118	260,15	11111250	L330/L350	○	1 1/4"x95	8

● Stock ○ Needs to be ordered — No longer in stock

# BASE AND BOLT-ON EDGES CAT



Item No.	Description	No.	Dimension mm	Dimension inches	Weight kg/item	Weight lbs/item	Reference no.	Note	Stock	Bolt	No.
171-355290	Base edge	1	250x25x2370	9,84x0,98x93,31	109	240,3	5V4670 (9V6572)	IT14/18	—		
171-464480	Bolt-on edge	2	280x25x1025	11,02x0,98x40,35	52	114,64	1U0295	916	○		
171-462450	Bolt-on edge	2	342x30x160	13,46x1,18x6,31	12	26,46	4T8091/3G6993		○	M24x2,75	10
171-355840	Base edge	1	250x25x2640	9,84x0,98x103,94	122	268,96	8V1825 (6W2985)	936	—		
171-462440	Bolt-on edge	2	280x25x1162	11,02x0,98x45,75	59	130,07	1U0292		○		
171-462450	Bolt-on edge	2	342x30x160	13,46x1,18x6,31	12	26,46	4T8091/3G6993		○	M24x2,75	10
171-353820	Base edge	1	250x25x2740	9,84x0,98x107,87	126	277,78	5V7410	950/966	○		
171-462480	Bolt-on edge	2	360x30x1210	14,17x1,18x47,64	97	213,85	1U0601		○		
171-462470	Bolt-on edge	2	496x35x170	19,53x1,38x6,69	21	46,3	4T8101/3G9512		○	M24x2,75	12
171-353961	Base edge	1	270x30x2840	10,63x1,18x111,81	165	363,76	7V0752	Counter-sunk 966	○		
171-464240	Bolt-on edge	2	360x30x1222	14,17x1,18x48,11	97	213,85	1U2407		○		
171-462270	Bolt-on edge	2	510x35x200	20,09x1,38x7,87	26	57,32	4T2435/3G6395		●	1 1/4"x3,74	12
171-354920	Base edge	1	300x40x2912	11,81x1,57x114,65	255	562,18	7V6844	966	—		
171-463910	Bolt-on edge	2	360x30x1260	14,17x1,18x49,61	100	220,46	1U1909		○		
171-462270	Bolt-on edge	2	510x35x200	20,09x1,38x7,87	26	57,32	4T2435/3G6395		●	1 1/4"x3,74	12
171-353601	Base edge	1	300x40x3033	11,81x1,57x119,41	259	571	7V1491	Counter-sunk 966	○		
171-462260	Bolt-on edge	2	360x30x1319	14,17x1,18x51,93	105	231,49	1U0593		●		
171-462270	Bolt-on edge	2	510x35x200	20,09x1,38x7,87	26	57,32	4T2435/3G6395		●	1 1/4"x3,74	12
171-465870	Bolt-on edge	2	406x35x1526	15,98x1,38x60,08	158	348,33	1U0593+3G6395		●	1 1/4"x3,74	8
171-354902	Base edge	1	300x40x3200	11,81x1,57x37,87	277	610,68	7I3015 flat	Counter-sunk 966/970/972	○		
171-465520	Bolt-on edge	2	360x30x1400	14,17x1,18x55,12	112	246,92	100-6668		●		
171-462270	Bolt-on edge	2	510x35x200	20,09x1,38x7,87	26	57,32	4T2435/3G6395		●	1 1/4"x3,74	12
171-465920	Bolt-on edge	2	406x35x1604	15,98x1,38x63,15	168	370,38	100-6668+3G6395		●	1 1/4"x3,74	8
171-354361	Base edge	1	300x50x3315	11,81x1,97x130,51	351	773,82	7V4188 flat	Counter-sunk 980	—		
171-464960	Bolt-on edge	2	406x40x1406	15,98x1,57x55,35	173	381,4	"1U0762"		●		
171-462500	Bolt-on edge	2	556x40x265	21,89x1,57x10,43	43	94,8	1U0761		●	1 1/4"x3,74	12
171-473090	Bolt-on edge	2	406x40x1676	15,98x1,57x1676	200	440,92	1U0762+1U0761		●	1 1/4"x3,74	8
171-358431	Base edge	1	300x50x3405	11,81x1,97x134,06	366	806,89	111-9770	Counter-sunk 980	○		
171-468170	Bolt-on edge	2	400x40x1448	15,75x1,57x57,01	170	374,79	109-9230		●		
171-468160	Bolt-on edge	2	556x45x265	21,89x1,77x10,43	48	105,82	100-4043		●	1 1/4"x3,74	12
171-479570	Bolt-on edge	2	500x40x1715	19,69x1,57x67,52	256	564,38	109-9212+1U0761		○	1 1/4"x3,74	8
171-358481	Base edge	1	300x40x3560	11,81x1,57x140,16	361	795,87	6W9311	Counter-sunk 988	○		
171-472460	Bolt-on edge	2	406x35x1524	15,98x1,38x60	161	354,94	9W1375		●		
171-462500	Bolt-on edge	2	556x40x265	21,89x1,57x10,43	43	94,8	1U0761		●	1 1/4"x3,74	12

● Stock ○ Needs to be ordered — No longer in stock

# BASE AND BOLT-ON EDGES CAT

Item No.	Description	No.	Dimension mm	Dimension inches	Weight kg/item	Weight lbs/item	Reference no.	Note	Stock	Bolt	No.
<b>Cat 966</b>											
171-359641	Base edge	1	3085/562x580 /265x40	121,46/22,13x22,83 /10,43x1,57	400,7	883,39	6W2993	Counter-sunk	○		
171-476130	Bolt-on edge C	1	360x30x572	14,17x1,18x22,52	45	99,21	4T9185		○		
171-476110	Bolt-on edge LE	1	360x30x637	14,17x1,18x25,08	50	110,23	4T9128		○		
171-476150	Bolt-on edge RE	1	360x30x637	14,17x1,18x25,08	50	110,23	4T9127		○		
171-476120	Bolt-on edge LC	1	360x30x655	14,17x1,18x25,79	52	52	4T9126		○		
171-476140	Bolt-on edge RC	1	360x30x655	14,17x1,18x25,79	52	52	4T9125		○	1 1/4"x3,74	18
171-465950	Segment C	1	350x30x210	13,78x1,18x8,27	16	35,27	4T6697		○		
171-471030	Segment L	3	360x30x265 L	14,17x1,18x10,43 L	21	46,31	4T9124		○		
171-471040	Segment R	3	360x30x265 R	14,17x1,18x10,43 R	21	46,31	4T9123		○	1 1/4"x3,74	14
<b>Cat 972</b>											
171-352710	Base edge	1	3252/587x700 /344x40	128,03/23,11x27,56 /13,54x1,57	531	1170,65		Counter-sunk	○		
171M498600	Bolt-on edge C	1	350x35x576	13,78x1,38x22,68	50	110,23	135-8240		○		
171M498602	Bolt-on edge LE	1	350x35x603	13,78x1,38x23,74	52	114,64	135-8242		○		
171M498603	Bolt-on edge RE	1	350x35x603	13,78x1,38x23,74	52	114,64	135-8243		○		
171M498601	Bolt-on edge LC	1	350x35x784	13,78x1,38x30,87	69	152,12	135-8241		○		
171M498604	Bolt-on edge RC	1	350x35x784	13,78x1,38x30,87	69	152,12	135-8244		○	1 1/4"x3,74	18
<b>Cat 980</b>											
171-354690	Base edge	1	3400/610x647 /302x50	133,86/24,02x22,68 /11,89x1,97	629	1386,71	9V3561	Counter-sunk	○		
171-353850	Bolt-on edge C	1	400x40x620	15,75x1,57x24,41	71	156,53	4T7141		○		
171-353860	Bolt-on edge LE	1	400x40x682(782)	15,75x1,57x26,85(30,79)	79	174,17	4T7143		○		
171-353840	Bolt-on edge RE	1	400x40x682(782)	15,75x1,57x26,85(30,79)	79	174,17	4T7142		○		
171-353870	Bolt-on edge LC	1	400x40x735(835)	15,75x1,57x28,94(32,87)	85	187,39	4T7145		○		
171-353830	Bolt-on edge RC	1	400x40x735(835)	15,75x1,57x28,94(32,87)	85	187,39	4T7144		○	1 1/4"x3,74	21
171-354701	Segment M	1	360x30x256	14,17x1,18x10,08	20	44,09	4T3015		○		
171-354700	Segment L	3	360x30x295(304) L	14,17x1,18x11,61(11,97) L	24	52,91	4T7140		○		
171-354702	Segment R	3	360x30x295(304) R	14,17x1,18x11,61(11,97) R	24	52,91	4T7139		○	1 1/4"x3,74	14
<b>Cat 980 G/H</b>											
171-357140	Base edge	1	3492/650x645/ 265x50	137,48/25,59x25,39/ 10,43x1,97	632	1393,32	134-1748	Counter-sunk	○		
171-479752	Bolt-on edge C	1	406x35x634	15,98x1,38x24,96	65	143,3	109-9123		○		
171-479750	Bolt-on edge LE	1	406x35x654	15,98x1,38x25,75	67	147,71	109-9125		○		
171-479754	Bolt-on edge RE	1	406x35x654	15,98x1,38x25,75	67	147,71	109-9121		○		
171-479751	Bolt-on edge LC	1	406x35x819	15,98x1,38x32,24	84	185,19	109-9124		○		
171-479753	Bolt-on edge RC	1	406x35x819	15,98x1,38x32,24	84	185,19	109-9122		○	1 1/4"x3,74	21
171-354761	Segment M	1	483x35x 312	19,02x1,38x 12,28	38	83,78	4T7189/9W5734		●		
171-354760	Segment L	3	483x35x 312	19,02x1,38x 12,28	40	88,18	4T7184/9W5730		●		
171-354762	Segment R	3	483x35x 312	19,02x1,38x 12,28	40	88,18	4T7183/9W5737		●	1 1/4"x3,74	21
<b>Cat 988</b>											
171-354750	Base edge	1	3645/690x700 /304x50	143,5/27,17x27,56 /11,97x1,97	715	1576,31	8R4649(9V3562/)	Counter-sunk	○		
171-481792	Bolt-on edge C	1	483x35x706	19,02x1,38x27,81	88	194	4T7190/9W5733		●		
171-481790	Bolt-on edge LE	1	483x35x731(860)	19,02x1,38x28,78 (33,86)	91	200,62	4T7188/9W5732		●		
171-481794	Bolt-on edge RE	1	483x35x731(860)	19,02x1,38x28,78 (33,86)	91	200,62	4T7187/9W5735		●		
171-481791	Bolt-on edge LC	1	483x35x791(920)	19,02x1,38x31,14 (36,22)	98	216,1	4T7186/9W5731		●		
171-481793	Bolt-on edge RC	1	483x35x791(920)	19,02x1,38x31,14 (36,22)	98	216,1	4T7185/9W5736		●	1 1/4"x3,74	21
171-354761	Bolt-on edge C	1	483x35x312	19,02x1,38x12,28	38	83,78	4T7189/9W5734		●		
171-354760	Bolt-on edge L	3	483x35x312	19,02x1,38x12,28	40	88,18	4T7184/9W5730		●		
171-354762	Bolt-on edge R	3	483x35x312	19,02x1,38x12,28	40	88,18	4T7183/9W5737		●	1 1/4"x3,74	21
<b>Cat 988G</b>											
171-356470	Base edge	1	4000/716x700 /260x50	157,48/28,19x27,56 /10,24x1,97			156-6388		○		
171-481550	Segment C	1	500x40x340	19,69x1,57x13,39	50	110,23	101-9435		○		
171-481540	Segment L	3	500x40x340	19,69x1,57x13,39	50	110,23	101-9437		○		
171-481560	Segment R	3	500x40x340	19,69x1,57x13,39	50	110,23	101-9436		○	1 1/4"x3,74	21

● Stock ○ Needs to be ordered — No longer in stock



# BOLT AND NUT



Countersunk head



Triloc nut Flange nut nyloc

Item No.	Dimension	Note	Weight kg/item	Weight lbs/item
959-590400	3/4"x57		0,14	0,31
959-590440	3/4"x63		0,15	0,33
959-590450	3/4"x69		0,16	0,35
959-590570	3/4"x76		0,17	0,37
959-590410	1"x69		0,31	0,68
959-590490	1"x76		0,33	0,73
959-590520	1"x83		0,35	0,77
959-590460	1"x90 UNC		0,37	0,82
959-590720	1 1/4"x95	6V6535	0,71	1,57
959-590690	1 1/4"x95	8T9079 full-thread	0,66	1,46
959-590470	1 1/4"x104	5P8823	0,75	1,65
959-590430	M16x55	Quality 12.9	0,10	0,22
959-590725	M20x55	Quality 10.9	0,15	0,33
959-590726	M20x60	Quality 10.9	0,15	0,33
959-590730	M20x65	Quality 10.9	0,17	0,37
959-590710	M20x70	Quality 10.9	0,18	0,40
959-590711	M20x75	Quality 10.9	0,18	0,40
959-142570	M24x60	Quality 10.9	0,20	0,44
959-590750	M24x65	Quality 10.9	0,25	0,55
959-142571	M24x70	Quality 10.9	0,20	0,44
959-590740	M24x80	Quality 10.9	0,30	0,66

Item No.	Dimension	Note	Weight kg/item	Weight lbs/item
959-590380	3/4"		0,05	0,11
959-590390	1"		0,12	0,26
959-590480	1 1/4"		0,23	0,51
959-590360	M16	Triloc	0,04	0,09
959-590350	M16	Flange nut nyloc	0,05	0,11
959-590660	M20		0,06	0,13
959-590670	M20	Triloc	0,06	0,13
959-510093	M20	Flange nut	0,05	0,11
959-948836	M24	Triloc	0,09	0,20
959-590680	M24		0,06	0,13

# EXCAGRIP™ EXCAVATOR SPIKE

**Material:** Specially treated boron steel. **Hardness:** approx. 500 Brinell.

## Excagrip excavator spike

Excagrip gives tracked excavators incredible grip on ice, rock and slopes. The system is made up of a through-hardened adapter, welded into the track plates between the ridges, and removable carbide stingers. The carbide stingers are hammered into place and they can be easily removed with the demounting tool.

- Grips on all surfaces
- Improves safety
- Removable and easily installed



Item No.	Description	Weight kg	Weight lbs
135-357330	Holder for excavator spike ø 0,75 inches	0,30	0,66
920-450403	Carbide-tipped pin 0,75 inches	0,22	0,49
135-357335	Holder for excavator spike ø 0,87 inches	0,25	0,55
920-153981	Carbide-tipped pin 0,87 inches	0,30	0,66

# **TECHNICAL SPECS BRUXITE**

**MATERIAL  
WELDING  
TOLERANCES**



# WELDING INSTRUCTION BRUXITE

## Bruxite

### Areas of application

Bruxite wear edges & bars are intended for applications where there is a high demand for wear resistance.

### Material properties

Bruxite is high-tensile boron steel in accordance with EN 10083-3. The chemical composition of this material, together with the manufacturing method employed, ensures that it offers very good wear resistance and excellent welding properties (preheated to min. 50°C). Note: Unless the steel has been specially treated, avoid structures subject to fatigue stresses.

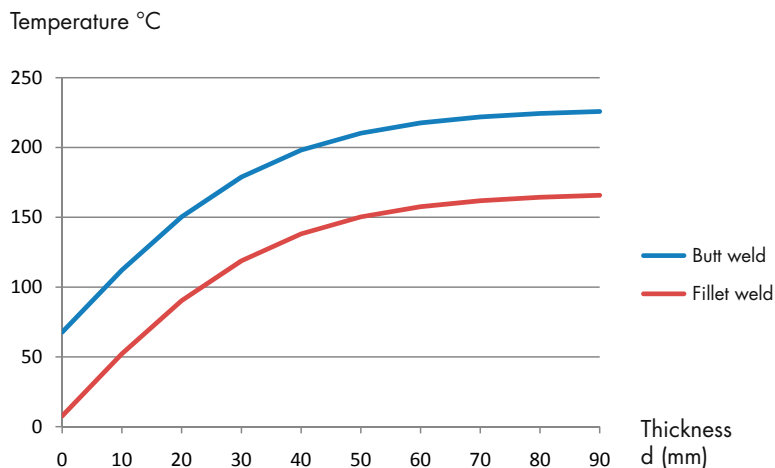
Mechanical properties	Yield strength Rp0.2 N/mm <sup>2</sup>	Tensile strength Rm N/mm <sup>2</sup>	Elongation As %	Impact strength t °C KV J	
	The values are intended as a guide for 15-1,97 mm thick material.	1200	1600	6	- 40
<b>Hardness</b>	Material thickness t ≤ 1,18 inches 500 ± 25 HB, t ≥ 1,38 inches 500 ± 40 HB				

These values are taken from standard EN1011 method B.

Tp Butt weld	TpCET	Tpd	TpHD	TpQ
	+175°	-50->+50°	+10°	-35->0°

For fillet welds, the Tp value can be reduced by 60°.

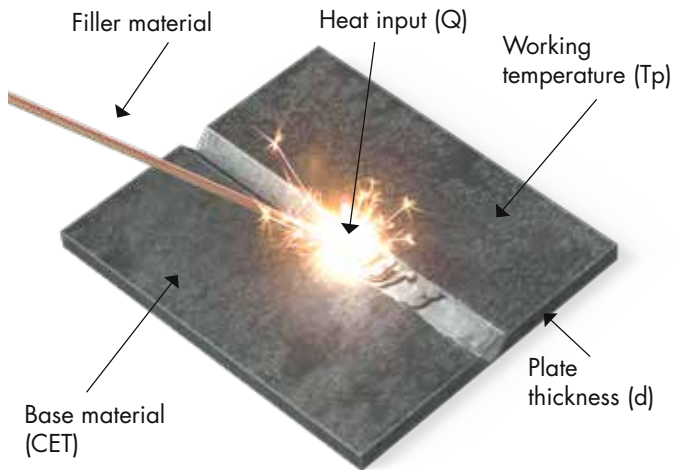
### Olofsfors Bruxite 500, working temperature per material thickness



Note that for these curves Q = 1,2 and CET = 0,43 which means TpQ = 0°. To compensate for the welding process, please see the section on heat input in EN1011. For multi-run welds, the Q value is 2.5, which produces a temperature reduction of 15° in the curves above.



# WELDING REFERENCE GUIDE



- ▶ Ensure that there are good fit-ups between the joints and that the gap does not exceed 0,12 inches.
- ▶ Make sure that the welded joints are clean and dry.
- ▶ Plan the welding sequences and select filler materials before welding. (Single or multi-run welding)
- ▶ Preheat the material as recommended in welding instruction. When welding in a non-controlled environment (high atmospheric humidity), special precautions must be taken.

- ▶ The working temperature may not exceed 225°C, as the material is annealed out, which results in poor material properties.
- ▶ The working temperature must be measured 2,95 inches from the centre of the weld.
- ▶ It is a good idea to use heat chalk to keep a check on the temperature.
- ▶ To prevent moisture pickup, the filler material must be stored as per the manufacturer's recommendations. If pre-heating is necessary it must be done before the stitching.

## Recommended filler material for Bruxite

Manual welding electrode (welding pin)  
OK 48.30, OK 48.00 (E7018), OK 74.78 (E9018-D1)  
or equivalent.

MAG Welding (Gas metal arc welding)  
OK Autorod 12.51, OK Autorod 12.50 (ER70S-6), OK  
Autorod 13.13, OK Tuberod 14.13 (E70C-6M).  
Argon gas with 16% CO<sub>2</sub> or 23% CO<sub>2</sub> is recommend-  
ed as a shielding gas.

# TOLERANCES

## Checks/Tests

Checks/tests of dimensions, straightness and surface hardness are always performed by qualified testers using calibrated equipment. Hardness testing equipment is calibrated according to ISO 6506-2. Brinell hardness test HBW according to EN ISO 6506-1 using a polished 0,39 inches hard metal ball forced into the surface 0,02 – 0,04 inches below the surface of the sheet metal. The frequency of checks varies depending on product type from one sample per furnace batch to all steel.

## Tolerances

Product tolerances are according to ISO 2768 if circumstances not require special tolerances. Generally, contours of the product are according to ISO 2768 v, hole c/c according to ISO 2768 m. Generally, max. 0,08 inches for edge straightness. For raw materials tolerances are according to EN 10029, EN 10060, EN 10058, and EN 10092-1.

## Surface quality

Product tolerances for surface finish are according to EN 10163, unless otherwise specified at time of order.



**Bruxite**<sup>TM</sup>  
WEAR EDGES & BARS

# HARD WORK





**HAS A NAME**



# QUALITY AND KNOWLEDGE

The company of Olofsfors was founded in 1762. Since its conception more than 250 years ago, it has been producing world renowned high quality steel products. To this day, production is still at the same place located in the Northern part of Sweden. Three families have been involved since the beginning of our dynamic company: Jennings, Pauli and Wikstrom. The proud Wikstrom family have been owners since 1864. From 1762 and up until the late 19th century, Olofsfors produced steel from its own mill. Since the late 19th century Olofsfors has been focused on producing special and hardened steel products. This focus has produced the absolute best and highest quality of wear-resistant steel products in the world, resulting in Olofsfors becoming a contracted supplier to many well known Large Equipment Manufacturers. The Olofsfors business model still holds true today: produce high quality steel products through a focused mixture of knowledge and durability, adding value to our partners' products.



 **Olofsfors**  
Make your own way