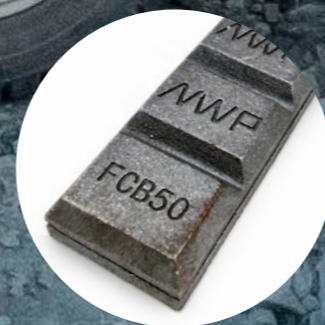


Tooth systems and wear parts for excavator and wheel loader buckets

# All you need for your bucket.

**NWP, Nordic Wear Parts** is the result of over 40 years of experience in wear parts for construction machinery. Together with prominent manufacturers, Entrack has designed a complete series of products that are designed for the harsh conditions of the Nordic region. With a consistent and high quality and self-sharpening design for maximum wear resistance and penetration, NWP is the right choice for the best overall economy.



# Cat J system

The J system is the most common system on the market and is a side-pin system fitted with pin and retainer. We supply a wide range of compatible teeth under NWP brand for different sizes and applications, there are a number of designs and qualities to achieve the best possible results.

A hammerless locking for the traditional Cat J system available as alternative. Provides quick installation and removal of tips as well as increased safety.

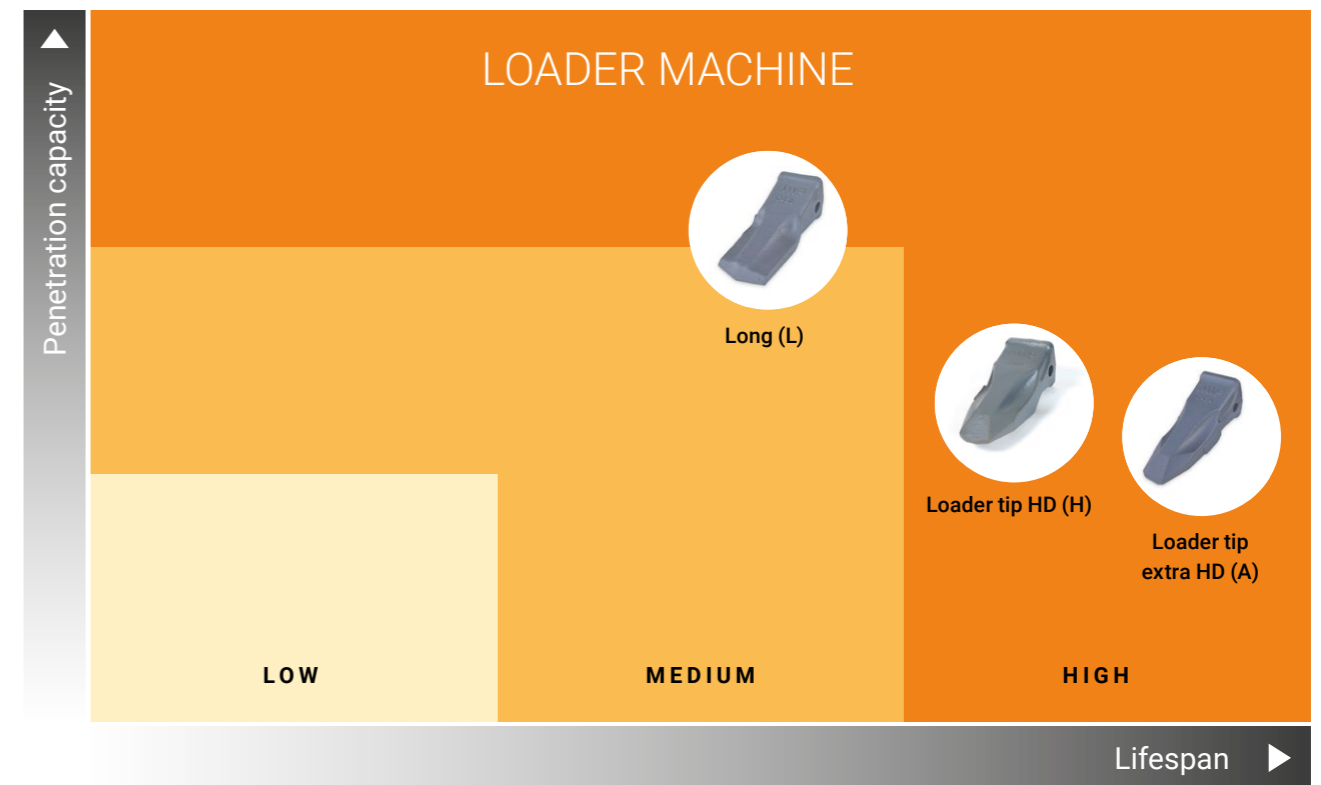
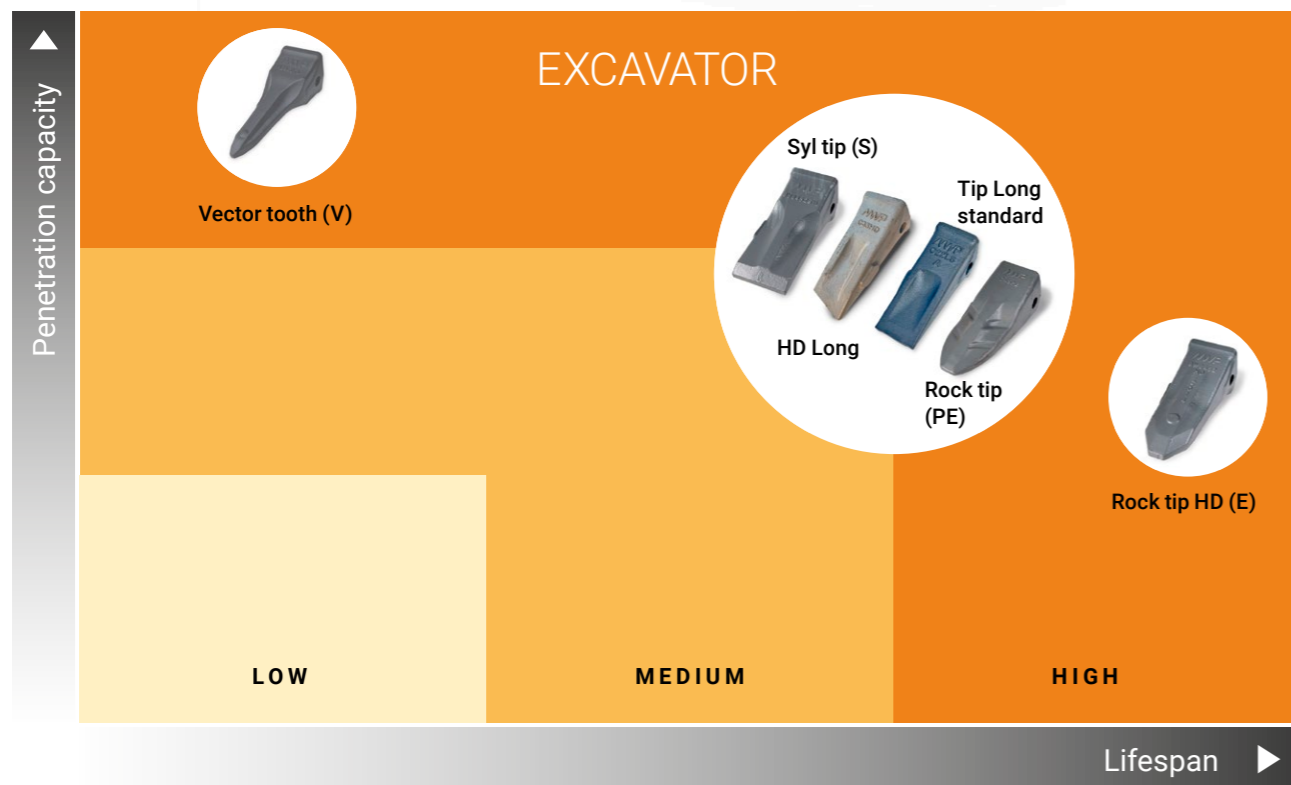
An innovative locking that can be used on existing Cat J system tip and adapter; no special tooth or adapter is needed! It is a locking device consisting of a locking pin and retainer fixed with two Allen keys.



**Advantages:**

No tooth loss, due to superior locking between pin, retainer and adapter. Quick installation and removal with two Allen keys. Increased safety at the workplace without the use of sledgehammer/hammer when changing teeth.

## Get Guide type CAT J





Flare tooth



Tip Long standard



SYL Tip



Tip HD Long



Vector Tooth



Rock tip



Rock tip HD

Cat J-type

			Size	J200 / 2"	J225 / 2,25"	J250 / 2,5"
			Machine weight (ton)	2-5	6-9	5-10
			Edge thickness (mm)	20	20	25
	Model	Application	Pin dimension (mm)	Ø11x55	Ø14x64	Ø14x77
Excavator tips	Flare tooth	To obtain flat and even	Part number (Reference)			
			Weight (kg)			
	Tip standard long	Symmetrical and general purpose tip	Part number (Reference)	C20LS (1U3202)	C22LS (6Y3222)	C25LS (1U3252)
			Weight (kg)	1,3	2,2	3,0
	Syl tip	General digging in packed material and clay	Part number (Reference)	C20S (1U3202SYL)		C25S (1U3252SYL)
			Weight (kg)	1,3		3,1
	Tip HD long	High abrasion and low impact	Part number (Reference)			C25HD (9N4252)
			Weight (kg)			3,8
	Vector tooth	For maximum penetration	Part number (Reference)			
			Weight (kg)			
	Rock tip	Penetration in rock, self-sharpened	Part number (Reference)	C20PE		C25PE
			Weight (kg)	1,3		3,6
	Rock tip HD	For extra abrasive applications as in rock handling	Part number (Reference)			
			Weight (kg)			
Excavator adapters	Weld on two-strap		Part number (Reference)	E20G (119-3205)		E25G (6Y3254)
			Weight (kg)	1,8		4,6
			Part number			
			Weight (kg)			
	Weld on two-strap for Wear cap		Part number (Reference)			
			Weight (kg)			
	Wear cap		Part number			
			Weight (kg)			

J300 / 3"	J350 / 3,5"	J400 / 4"	J460 / 4,5"	J550 / 5,5"	J600 / 6"	J700 / 7"
10-15	15-25	25-35	30-40	40-55	55-65	65-75
30	40	45	50	60	70/90	90
Ø14x92	Ø19x102	Ø22x118	Ø24x133	Ø25x160	Ø30x193	Ø32x195
C30B (107-3300)	C35B (107-3350)		C45B (107-3450)			
15,4	21,0		33,0			
C30LS (1U3302)	C35LS (1U3352)	C40LS (7T3402)	C45LS (9W8452)	C55LS (9W8552)	C60LS (6I6602)	
4,5	6,6	9,4	12,5	18,5	30,3	
C30S (1U3302SYL)	C35S (1U3352SYL)	C40S (7T3402SYL)	C45S (9W8452SYL)	C55S (9W8552SYL)		
5,0	7,6	13,7	13,5	22,0		
C30HD (9N4302)	C35HD (9N4352)		C45HD (9N4452)	C55HD (9N4552)		
5,6	8,6		16,0	26,0		
C30V (HZ300TL)	C35V (HZ350TL)		C45V (HZ450TL)	C55V (HZ550TL)		
4,8	6,2		13,4	17,6		
C30PE	C35PE	C40PE	C45PE	C55PE	C60PE	C70PE
5,8	8,1	11,2	14,6	22,2	37,6	51,0
	C35E (1U3352HD)		C45E (9W8452HD)	C55E (9W8552HD)	C60E (6I6602HD)	
	9,8		15,3	25,0	43,3	
E30G (3G6304)	E35G (3G8354)	E40G (6I6404)	E45G (8E6464)	E55G (6I6554)	E60G (6I6604)	E70G (222-7700)
7,6	9,6	15,5	22,0	33,0	54,5	90,0
					E60G90 (90mm cutting edge)	
					56,0	
				E55GW (6I6554)	E60GW (6I6604)	
				34,0	53,0	
				E55WC	E60WC	
				3,2	7,4	



Weld on two-strap



Weld on two-strap for Wear cap



Wear cap



Loader tip



Loader tip HD



Loader tip extra HD



Weld on two strap



Weld on flush mount

### Cat J-type

			Size	J200 / 2"	J225 / 2,25"	J250 / 2,5"
			Machine weight (ton)	2-5	6-9	5-10
			Edge thickness (mm)	20	20	25
Model	Application	Pin dimension (mm)	Ø11x55	Ø14x64	Ø14x77	
<b>Loader tips</b>	Loader tip	Standard tip for buckets without segments	Part number (Reference)			C25L (1U3252)
			Weight (kg)			3,8
	Loader tip HD	For abrasive material as gravel and rocks	Part number (Reference)			
			Weight (kg)			
	Loader tip extra HD	For extra abrasive applications as in rock handling	Part number (Reference)			C25A (1U3252PT)
			Weight (kg)			5,0
<b>Loader adapters</b>	Weld on two-strap center		Part number (Reference)			
			Weight (kg)			
	Weld on two-strap right		Part number (Reference)			
			Weight (kg)			
	Weld on two-strap left		Part number (Reference)			
			Weight (kg)			
	Weld on flush mount center		Part number (Reference)	L20P (4T1204)		L25P (1U1254)
			Weight (kg)	2,1		5,5
	Weld on flush mount right		Part number (Reference)			
			Weight (kg)			
	Weld on flush mount left		Part number (Reference)			
			Weight (kg)			
<b>Pin</b>			Part number (Reference)	11055 (8E6208)	14064 (6Y3228)	14077 (8E6258)
<b>Retainer</b>	Standard		Part number (Reference)	1121P (8E6209)	1430P (8E6259)	1430P (8E6259)
	Coil	Tighter grip than standard	Part number (Reference)		1430PS (133-0699)	1430PS (133-0699)
<b>Pin</b>	Hamerless		Part number	11055T	14064T	14077T
<b>Retainer</b>	Hamerless		Part number	1121PT	1430PT	1430PT
<b>Pin removal tool</b>	Flexing handle		Part number			PRT01
			Part number			

J300 / 3"	J350 / 3,5"	J400 / 4"	J460 / 4,5"	J550 / 5,5"	J600 / 6"	J700 / 7"
10-15	15-25	25-35	30-40	40-55	55-65	65-75
30	40	45	50	60	70/90	90
Ø14x92	Ø19x102	Ø22x118	Ø24x133	Ø25x160	Ø30x193	Ø32x195
C30L (1U3302)	C35L (1U3352)		C45L (9W8452)			
5,3	7,0		13,1			
	C35H (4N4352)		C45H (9N4452)	C55H (9N4552)		
	9,0		17,0	27,7		
C30A (1U3302PT)			C45A (9W8452PT)	C55A (9W8552PT)	C60A (6I6602PT)	
7,6			21,2	29,2	48	
			L45GM (114-0464)	L55GM (107-3554)		
			20,8	42,9		
			L45GH (114-0465)	L55GH (107-3555)		
			22,5	42,9		
			L45GV (114-0466)	L55GV (107-3556)		
			22,5	42,9		
L30P (1U1304)	L35P (1U1354)		L45P (8E0464)			
8,0	13,2		20,0			
			L45PH (8E0465)			
			20,8			
			L45PV (8E0466)			
			20,8			
14092 (9J2308)	19102 (8E6358)	22118 (7T3408)	24133 (8E0468)	25160 (6Y8558)	30193 (6I6608)	32195 (113-4708)
1430P (8E6259)	1940P (8E6359)	2242P (8E8409)	2444P (8E8469)	2550P (8E8559)	3051P (6I6609)	3264P (4T4707)
1430PS (133-0699)	1940PS (114-0359)	2238PS (116-7409)	2444PS (107-3469)	2550PS (107-8559)	3051PS (113-9609)	3264PS (113-4709)
14092T	19102T		24133T	25160T	30193T	32195T
1430PT	1940PT		2444PT	2550PT	3051PT	3264PT
PRT01	PRT01	PRT02	PRT02	PRT02	PRT02	PRT02
	PRT03	PRT03	PRT03	PRT03	PRT03	PRT03

### Determine the size of your tooth

The easiest way to determine the size of your tooth is to measure the diameter and length of the locking pin. If you e.g. has a pin with diameter of 19 mm and approx. 100 mm long, the locking pin is called 19102 and it fits the J-350.



Hamerless pin

Hamerless retainer

Allen keys

Pin



Retainer



Coil Retainer



PRT01 & PRT02



PRT03

# Catex & Uni-Z

Catex and Uni-Z are two systems that are based on the same principle, where Catex is an improved development of the Uni-Z that was introduced mainly for forestry scarification with high lateral stress on tooth and adapter. The tolerance between tooth and holder is very tight which makes Catex a good system for extreme conditions. Both systems are fitted with a slotted spring pin vertically. The easiest way to distinguish the two is that Catex has a central steering guide on the adapter and a corresponding groove in the tooth. Adapters are available for both systems.

## Catex

		Size	2	3	4	5
Tip	Model	Edge thickness (mm)	16-25	25-35	35-50	
Catex	Catex	Part number	Catex2	Catex3	Catex4	
		Weight (kg)	1,8	3,1	5,3	
Catex Rock	Catex Rock	Part number			Catex4Berg	Catex5Berg
		Weight (kg)			7,0	10,2
Adapter	Catex	Part number	Catex2H		Catex4H	
	Catex special	Part number			Catex4HS	Catex5HS
Lock	Spring pin, slotted	Part number	16x70	18x80	25x95	30x110
	Spring pin, slotted inner	Part number			15x90 (if needed)	



## Uni-Z

		Size	1	2	3	4
Tip	Model	Edge thickness (mm)	16-20	25-30	30-35	35-45
Uni-Z	UNI-Z	Part number	UniZ1	UniZ2	UniZ3	UniZ4
		Weight (kg)	1,2	1,7	3,4	5,3
Adapter	UNI-Z	Part number	UniZ1H	UniZ2H	UniZ3H	UniZ4H
Lock	Spring pin, slotted	Part number	14x50	16x70	18x80	25x95

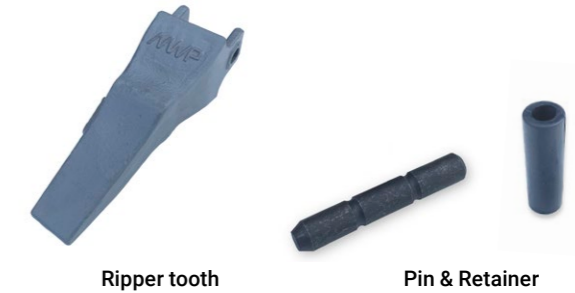


# Esco-types

Esco is an American manufacturer of GET parts that has been active since the 60s. Entrack offers four different types, compatible with Conical, Super-V, Rippers and SV2 type.

## ESCO Ripper-type

		Size	22	25	35
Ripper tooth	Part number		22R10	25R12	35R15
	Weight (kg)		4,1	5,6	12,7
Pin	Part number		22RPG	25RPG	35RPG
Retainer	Part number		22RBG	25RBG	35RBG



## ESCO Conical-type

		Model	Size	18	30	35	40	45	50
Excavator tip	S	Part number		30S	35S	40S	45S	50S	
		Weight (kg)		2,7	4,3	5,7	9,7	9,5	
Loader tip	TL	Part number	18TL						
		Weight (kg)	1,1						
Steel retainer		Part number	18/20PN	25/30PN	35PN	40PN	45PN	50PN	
Rubber lock		Part number	18/20LK	25/30LK	35/40LK	35/40LK	45LK	50LK	



## ESCO Super V-type

		Model	Size	V13	V17	V19	V23	V29	V33	V39	V43	V51
Excavator tips	SYL	Part number		V13SYL	V17SYL	V19SYL	V23SYL	V29SYL	V33SYL	V39SYL	V43SYL	V51SYL
		Weight (kg)		0,7	1,2	2,3	3,1	4,4	6,8	9,6	13,0	16,0
Loader tips	TYL	Part number		V17TYL								
		Weight (kg)		1,1								
AD	AD	Part number				V23AD		V33AD				
		Weight (kg)				4,7		9,0				
Steel retainer		Part number		V13-17PN	V13-17PN	V23PN	V23PN	V29PN	V33PN	V39PN	V43PN	V51PN

## ESCO SV2-type

		Model	Size	70
Excavator tips	SD	Part number		70ESD
		Weight (kg)		44,0
Wear cap		Part number		70EWC
		Weight (kg)		11,9
Lock		Part number		70EP



# Volvo VTS-type

NWP has compatible teeth to Volvo VTS-type. Teeth with vertical locking. Where we stock the most common models.



## Volvo VTS-type

	Model	Application	Size	10	15	20	30	40	55	65	80
<b>Excavator tips</b>	GPE	General purpose tip	Part number (Reference)		VTC15S (VOE 14523551)	VTC20S (VOE 14523655)	VTC30S (VOE 14523552)	VTC40S (VOE 14523553)			
			Weight (kg)		3,0	4,6	6,7	9,8			
	AMRE	For abrasive material as gravel and rocks	Part number (Reference)		VTC15E (VOE 14524192)	VTC20E (VOE 14526753)	VTC30E (VOE 14523946)	VTC40E (VOE 14526754)	VTC55E (VOE 14523656)	VTC65E (VOE 14522959)	VTC80E (VOE 14526512)
			Weight (kg)		3,6	5,4	7,9	11,8	15,9	21,4	27,5
<b>Loader tips</b>	GPL	General purpose tip	Part number (Reference)	VTC10L (VOE 11417118)							
			Weight (kg)	2,4							
	AML	For abrasive material handling and good penetration	Part number (Reference)		VTC15H (VOE 11417126)						
			Weight (kg)		4,3						
	AMRL	For abrasive and rock handling	Part number (Reference)			VTC20H (VOE 11438859)	VTC30H (VOE 11417136)	VTC40H (VOE 11438886)	VTC55H (VOE 11417139)	VTC65H (VOE 17214480)	
			Weight (kg)			7,6	11,1	16,5	21,7	35,5	
<b>Locking pin</b>			(Part number Reference)	VTC10P (VOE 11417144)	VTC15P (VOE 11417145)	VTC20P (VOE 11417146)	VTC30P (VOE 11417147)	VTC40P (VOE 14524860)	VTC55P (VOE 11417148)	VTC65P (VOE 14524710)	VTC80P (VOE 14524711)
			Length (mm)	44	67	76	87	97	108	117	130

# C-lock type

NWP has compatible teeth to C-lock. C-lock is a system established in the 80s, and has over the years been further developed to what it is today. The teeth are fitted with a horizontal locking consisting of two steel profiles with a vulcanized core.



## C-lock type

	Model	Application	Size	Cmidi	CO	C1	C2	C3	C4
<b>Excavator tips</b>	T35	Standard tip	Part number (Reference)			C1TS (11135)	C2TS (12135)	C3TS (13135)	C4TS (14135)
			Weight (kg)			2,7	3,4	6,3	13,2
	T58	For more abrasive applications	Part number (Reference)					C3TE (13158)	
			Weight (kg)					8,3	
<b>Loader tips</b>	T29	Standard tip	Part number (Reference)	CmidiTL (18129)	C0TL (10129)		C2TL (12129)	C3TL (13129)	C4TL (14129)
			Weight (kg)	1,2	1,7		3,9	6,7	13,8
	T48	For more abrasive applications	Part number (Reference)						C4TH (14148)
			Weight (kg)						19,8
<b>Locking pin</b>			Part number (Reference)	CmidiP (17306)	C0P (10306)	C1P (11306)	C2P (12306)	C3P (13306)	C4P (14306)



**Fork Teeth**

		Kubota-type	Mini fork-type	JCB-type (old)	JCB-type (new)	Komatsu-type	Z-I type	Z-II type	CAT-type	Terex-type
Model	Edge thickness (mm)	16	20	20	20	20	12-16	16-20	20	25
<b>Center</b>	Part number	122/14	FT17-7	53103205	332-C4388	312204054	MiniZ-I	MiniZ-II	9W1879	146201M2
	Weight (kg)	1,8	1,2	2,3	2,6	3,6	1,0	1,5	3,4	3,0
	c-c (mm)	55	40-45	44,5	44,5	80	40	55	75	53
	Bolt size	M14	M12	M20	M20	M16	M12	M16	M16	M16
<b>Right</b>	Part number	123/14R	FT17-7R	53103208	332-C4389	312204052				
	Weight (kg)	2,9	2,1	4,8	5,4	6,2				
	c-c (mm)	55	40-45	44,5	44,5	80				
	Bolt size	M14	M12	M20	M20	M16				
<b>Left</b>	Part number	123/14L	FT17-7L	53103209	332-C4390	312204053				
	Weight (kg)	2,9	2,1	4,8	5,4	6,2				
	c-c (mm)	55	40-45	44,5	44,5	80				
	Bolt size	M14	M12	M20	M20	M16				

**System Bofors B-lock type**

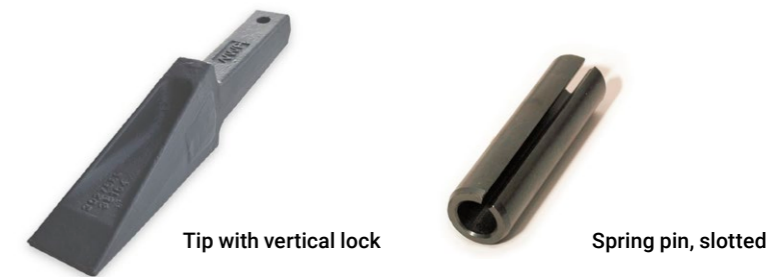
An older system fitted horizontally with a rubber wedge. We offer the most common models in NWP brand.



**Bofors B-lock type**

		Size	B0	B1	B2	B3
<b>Model</b>		<b>Edge thickness (mm)</b>	<b>16</b>	<b>25</b>	<b>30</b>	<b>40</b>
<b>Excavator tips</b>	Symmetric tip, top-mounted	Part number (Reference)		71120 (31101)	71122 (32102)	71124 (33101)
		Weight		4,9	9,0	14,0
	Symmetric tip, undermounted	Part number (Reference)		71164 (31105)		
		Weight		3,9		
	Unsymmetric tip, undermounted	Part number (Reference)	71160 (30104)	71161 (31104)	71162 (32105)	
		Weight (kg)	2,3	3,5	7,1	
<b>Loader tip</b>		Part number (Reference)	71140 (30101)	71141 (31102)	71142 (32101)	71143 (33102)
		Weight (kg)	2,7	4,8	8,4	12,5
<b>Adapter</b>		Part number (Reference)	71240 (31006)	71241 (31004)	71242 (32004)	71243 (33004)
<b>Lock</b>		Part number (Reference)	673 (30201)	675 (31201)	677 (32201)	682 (33201)

**Bofors type vertical lock**



		Model	Size	B2	B3	B4	B5
<b>Tip with vertical lock</b>			Part number (Reference)	71151 (4038208)	71105 (4046663)	71108 (3027689)	71110 (3027512)
			Weight (kg)	3,8	10,0	14,5	23,0
<b>Lock</b>	Spring pin, slotted		Part number	13x80	20x90	20x90	20x110





## Weld on heel shrouds

Weld on heel shrouds to protect the intersection between sidewalls and the underside of the bucket from abrasion. Available in different models and sizes, to fit your bucket.



Hensley type



Esco type



Combi type

## Bucket protection



## Weld on heel shrouds

Part number	Model	Reference	Machine size (ton)	Width (mm)	Height (mm)	Depth (mm)	Radius (mm)	Weight (kg)
2451001	Hensley type	HS140-110	10-20	110	140	140	1000	4,6
2451009	Hensley type	HS175-140	20-40	140	175	175	1000	10,6
2451010	Hensley type	HS230-190	40-50	190	230	230	1000	19,8
2451003	ESCO type	ES6697-4	20-40	188	135	175	800	10,2
2451002	ESCO type	ES6697-3	20-40	188	100	200	800	13,8
2451004	Combi type	700652	40-50	185	153	253	1000	20,7
2451013	Combi type	700653	80-130	250	200	300	850	40

## Weld on lip shrouds

Weld on lip shrouds to protect the cutting edge. Available in different sizes to fit different thickness and bevel angles on the cutting edge. Works together with teeth with sidepin.



Model HZ



Model LSC



Edge guard



2451014



2451015



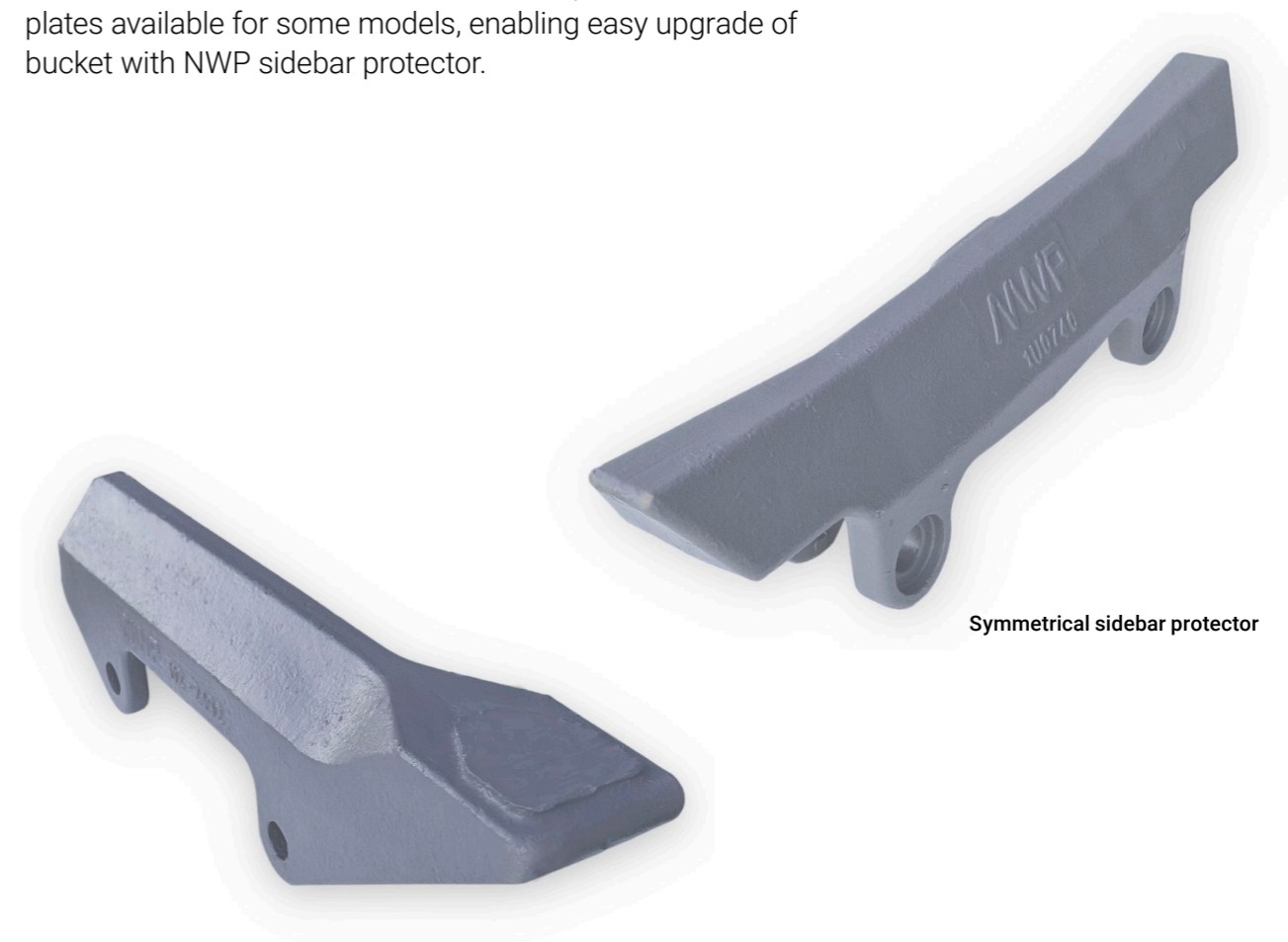
2451019

## Weld on lip shrouds

Part number	Reference	Bevel angle°	Cutting edge thickness (mm)	Width (mm)	Depth (mm)	Weight (kg)	Comments
2451008	HZ-50-150-23°	23	40-50	150	190	7,7	Fits with side pin
2451020	LSC-60-200-C23°	23	55-70	200	237	16,8	Fits with side pin
2451016	LSC-70-250-23°	23	60-75	250	230	21,5	Fits with side pin
2451006	HZ-70-250-23°R	23	60-75	240	230	22,6	Fits with side pin
2451007	HZ-70-250-23°L	23	60-75	240	230	22,6	Fits with side pin
171-472965	Edge guard	23	50	60	220	5,2	Fits with side pin
171-472966	Edge guard	23	60	60	245	6,8	Fits with side pin
171-472967	Edge guard	23	70	60	290	10,2	Fits with side pin
2451014		30	90	558	235	54,7	
2451015		30	100-120	309	232	36,1	
2451019		30	60-70	1000	194	66,0	

## Sidebar protectors

Sidebar protectors to protect the sidewalls from abrasion. Available in different sizes. Pre-drilled adapter weld-on plates available for some models, enabling easy upgrade of bucket with NWP sidebar protector.



Asymmetrical sidebar protector

Symmetrical sidebar protector

## Sidebar protectors

Part number	Reference	Model	Plate thickness (mm)	c-c spacing (mm)	Length (mm)	Weight (kg)	Pin (Part number)	Retainer (Part number)	Pre-drilled adapter weld-on plates (Part number)	Welding support (Part number)
9J9600	9J-9600	Symmetrical	35	254	578	18,3	1359350	1940PS	4021020	
3295955	329-5955	Symmetrical	50	200	487	20,7	1321008	1320999	4021046	
1U0740	1U-0740	Symmetrical	50	290	600	22,4	1330738	2550PS		
1122489	112-2489	Asymmetrical	30	202	432	17,8	1122490	1320999		
1662877	166-2877	Asymmetrical	40	200	468	17,1	1320998	1320999	4021040	
1122492-60	112-2492	Asymmetrical	60	300	660	36,0	3572689	1320999	4021042	4021043



## Half arrow segment

Half arrow segments to protect your cutting edge. Half arrow segment cover plates is also available for 100 % protection, of the cutting edge. Possible to use with tooth with sidepin.



### Bolt on half arrow

Part number	Reference	Model	Width (mm)	Depth (mm)	Thickness (mm)	c-c Spacing (mm)	Bolt	Weight (kg)
1744115	174-4115	C	315	315	38	185	2 pc 1 1/4"	25,5
1133140	113-3140	C	288	401	41	134	2 pc 1 1/4"	36,0
1133141	113-3141	R	328	416	41	134	2 pc 1 1/4"	42,0
1133142	113-3142	L	328	416	41	134	2 pc 1 1/4"	42,0
1167460	116-7460	C	312	421	45	85	3 pc 1 1/4"	42,0
1167461	116-7461	R	312	421	45	85	3 pc 1 1/4"	43,0
1167462	116-7462	L	312	421	45	85	3 pc 1 1/4"	43,0
1099080	109-9080	C	342	420	45	85	3 pc 1 1/4"	47,0
1099081	109-9081	R	342	420	45	85	3 pc 1 1/4"	44,0
1099082	109-9082	L	342	420	45	85	3 pc 1 1/4"	44,0



### Half arrow segment cover plate

Part number	Reference	Model	Width (mm)	Depth (mm)	Thickness (mm)	c-c Spacing (mm)	Bolt	Weight (kg)
1957180	195-7180	C	342	200	25	85	3 pc 1 1/4"	12,0
1957181	195-7181	R	356	200	25	85	4 pc 1 1/4"	12,0
1957182	195-7182	L	356	200	25	85	5 pc 1 1/4"	12,0

# Chocky bars and Wear buttons

Chocky bars and Wear buttons are made of White Iron and have an extreme high hardness. Place them where you have high abrasion on your bucket or other attachment. And just weld them on place, and no preheating is necessary.



## Chocky bars

Part number	Width (mm)	Length (mm)	Height (mm)	Bottom plate thickness (mm)	Weight (kg)
FCB25	25	240	23	8	0,9
FCB40	40	240	23	8	1,5
FCB50	50	240	23	8	1,9
FCB65	65	240	23	8	2,5
FCB100	100	240	23	8	3,9
FCB130	130	240	23	8	5,4



## Wear buttons

Part number	Diameter (mm)	Height (mm)	Bottom plate thickness (mm)	Weight (kg)
FWB60	60	27	10	0,7
FWB75	75	27	10	0,9
FWB90	90	27	10	1,4
FWB115	115	33	12	2,6
FWB150	150	40	16	5,7

