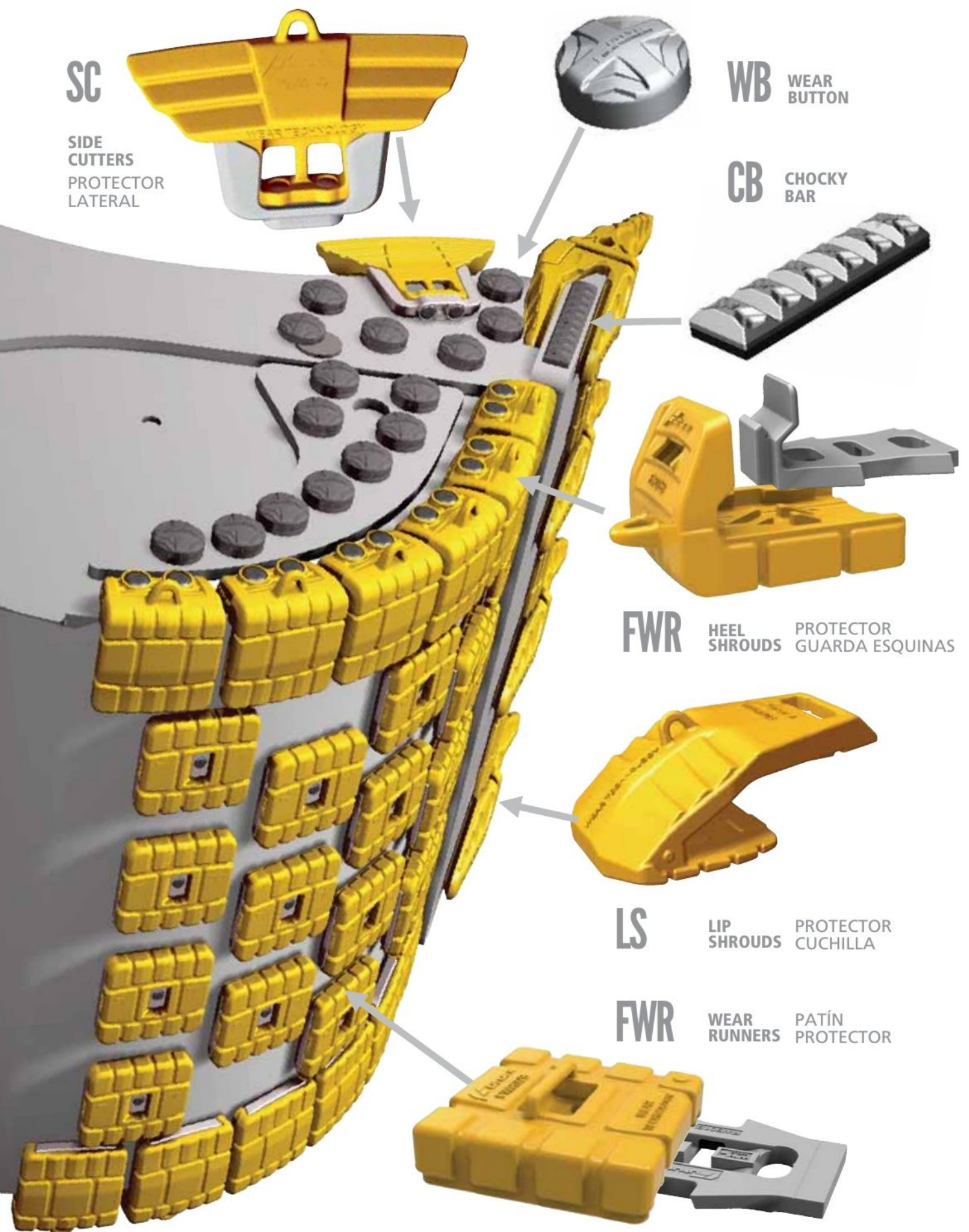


# BP

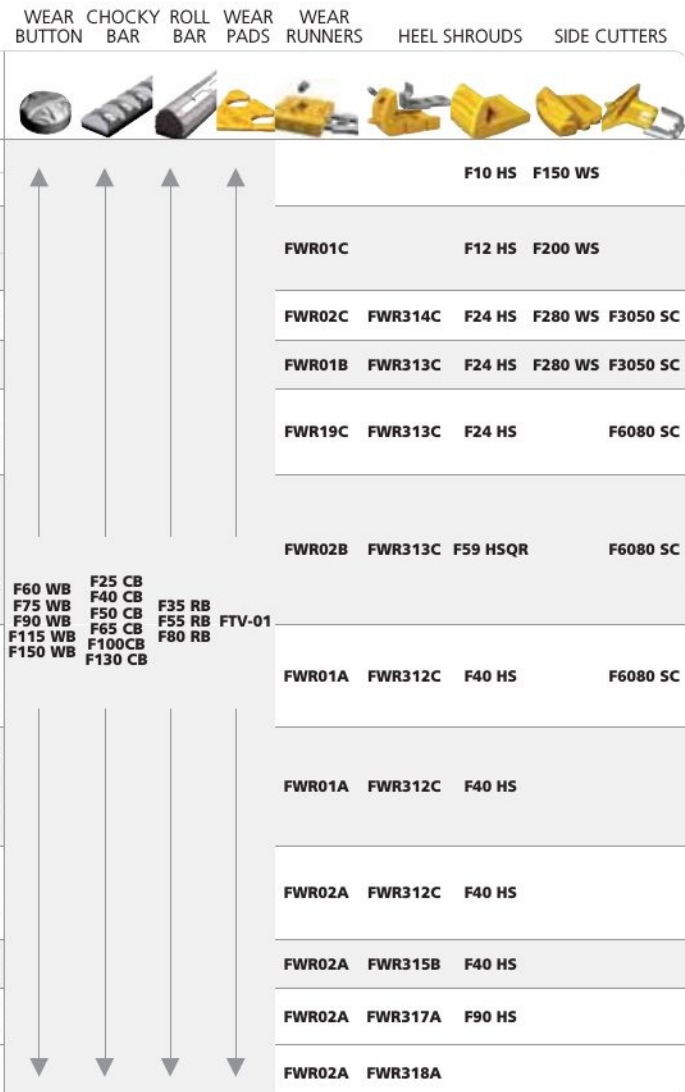




# QUICK GUIDE

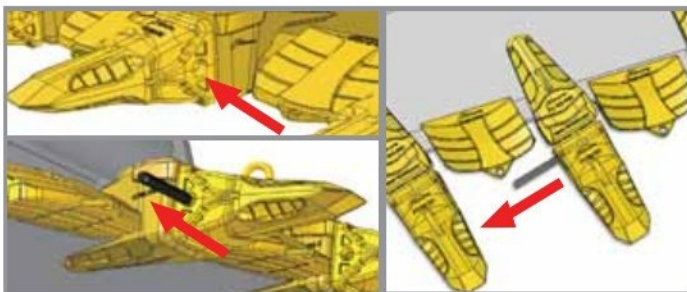
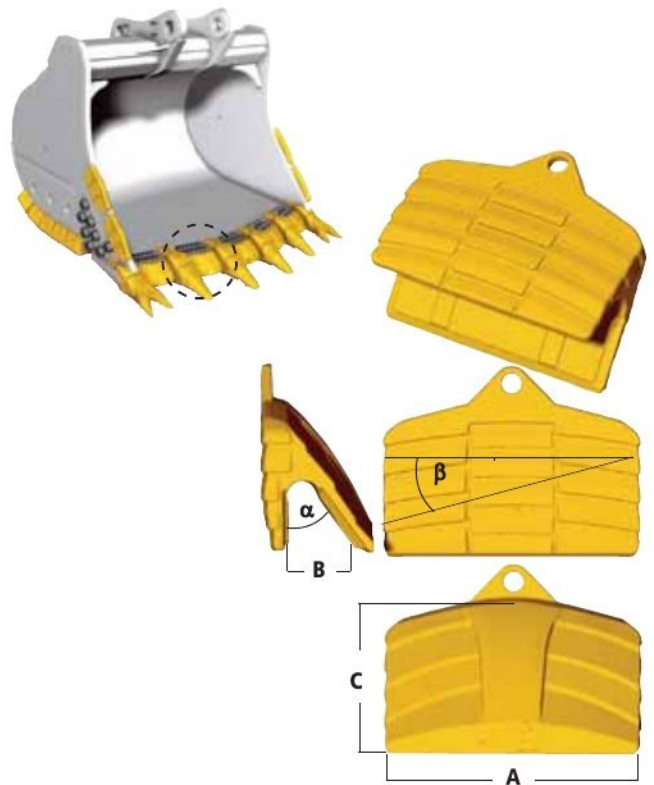
## GUÍA RÁPIDA

TONS	mm		in		DRP SIDE PIN 22°			TWISTER / MINER 30°			WEAR BUTTON	CHOCKY BAR	ROLL BAR	WEAR PADS	WEAR RUNNERS	HEEL SHROUDS	SIDE CUTTERS
15	30	1,2"	FC300					FT290									F10 HS F150 WS
22	35	1,4"	FC300-35					FT290-35									
20 25	40	1,6"	FC350					FT290-40 FT330									FWR01C F12 HS F200 WS
	45	1,8"	FC400	F50 LS				FT390									
24 40	50	2,0"	FC450	F50 LS	F50 LSQR			FT430									FWR02C FWR314C F24 HS F280 WS F3050 SC
40 53	60	2,4"	FC550	F60 LS	F60 LSQR			FT510									FWR01B FWR313C F24 HS F280 WS F3050 SC
53 68	70	2,8"	FC600	F70 LS	F70 LSQR			FT590									FWR19C FWR313C F24 HS F6080 SC
	75	3"							F70X240 LS F70X415 LDS F75X430 LDS								
70 119	80	3,1"						FT610 FT690									FWR02B FWR313C F59 HSQR F6080 SC
	90	3,5"	FC700	F90LS	F90 LSQR			FT690-90 FT710	FEB90	F90X245 LS F90X320 LS F90X360 LS F90X390 LS F90X435 LDS							
	95	3,7"															
150 200	100	3,9"	FC800	F90 LS	F100X290 LS F100X320 LS F100X410 LS F100X430 LS			FT710-100	FEB90	F100X290 LS F100X320 LS F100X375 LS F100X410 LS F100X430 LS							FWR01A FWR312C F40 HS F6080 SC
	120	4,7"			F120X330 LS F120X375 LS F120X410 LS F120X440 LS			FT810	F120 LS	F120X330 LS F120X375 LS F120X410 LS F120X440 LS F120X535 LS							FWR01A FWR312C F40 HS
250	140	5,5"			F140X420 LS F140X465 LS F140X490 LS F140X575 LS			FT810-140 FM950		F140X420 LS F140X465 LS F140X490 LS F140X575 LS							FWR02A FWR312C F40 HS
350	160	6,3"			F160X450 LS F160X570 LS			FM950 FM1100		F160X450 LS F160X570 LS							FWR02A FWR315B F40 HS
500	230	9"			F230X430 LS F230X600 LS			FM1300		F230X430 LS F230X600 LS							FWR02A FWR317A F90 HS
700	245	9,6"			F245X410 LS F260X570 LS			FM1450		F245X410 LS F260X570 LS							FWR02A FWR318A



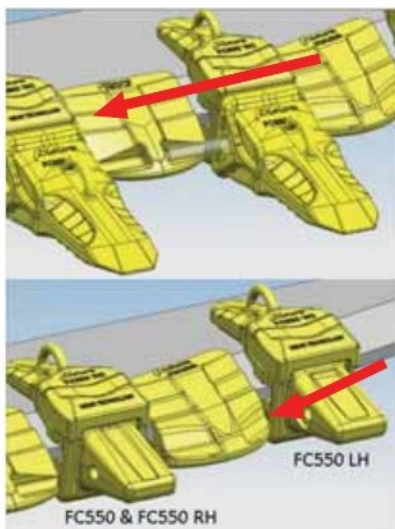
**Weld-On Lip Shroud 450HB Protector Cuchilla Soldable 450HB**

		mm.								
A	B	C	$\alpha$	$\beta$				OEM		
150 5,91"	45 1,77"	180 7,09"	23°	-	6,40 14,11	<b>F50 LS</b>		40-50 1,57"-1,97"		460
		188 7,40"		15°	7,10 15,65	<b>F50 LSRH</b>				
		188 7,40"		15°	7,10 15,65	<b>F50 LSLH</b>				
250 9,84"	56 2,20"	236 9,29"	23°	-	19,80 43,65	<b>F60 LS</b>		60 2,36"		550
		231 9,09"		15°	20,40 44,97	<b>F60 LSRH</b>				
		231 9,09"		15°	20,40 44,97	<b>F60 LSLH</b>				
250 9,84"	65 2,56"	236 9,29"	23°	-	19,80 43,65	<b>F70 LS</b>		70-75 2,76"-2,95"		600
		231 9,09"		15°	20,40 44,97	<b>F70 LSRH</b>				
		231 9,09"		15°	20,40 44,97	<b>F70 LSLH</b>				
362 14,25"	95 3,74"	230 9,06"	35°	-	34,60 76,28	<b>F90 LS</b>		80-100 3,15"-3,94"		700
		231 9,09"		15°	36,40 80,25	<b>F90 LSRH</b>				
		231 9,09"		15°	36,40 80,25	<b>F90 LSLH</b>				
356 14,25"	95 3,74"	230 9,06"	31°	-	34,60 76,28	<b>FEB90</b>		80-100 3,15"-3,94"		B90
		231 9,09"		15°	36,40 80,25	<b>FEB90 L</b>				B90L
		231 9,09"		15°	36,40 80,25	<b>FEB90 R</b>				B90R
321 12,64"	99 3,90"	322 12,68"	30°	-	41,90 92,37	<b>F120 LS</b>		120 4,72"		800
		322 12,68"		15°	42,20 93,03	<b>F120 LSRH</b>				
		322 12,68"		15°	42,20 93,03	<b>F120 LSLH</b>				



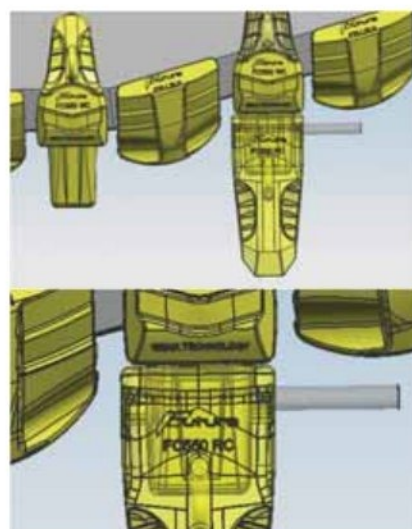
**Specially designed to ease pin insertion and removal!**

Diseñados para facilitar la colocación y retirada de pasadores



Example showing an adapter with the washer hole modified. Note how the pin is introduced by the side with more room available.

Ejemplo que muestra un portadientes con el rebaje de pasador modificado. Nótese que el pasador se introduce por el lado donde hay más espacio para maniobrar



Example showing an adapter with the washer hole modified. Note how the pin is introduced by the side with more room available.

Ejemplo que muestra un portadientes con el rebaje de pasador modificado. Nótese que el pasador se introduce por el lado donde hay más espacio para maniobrar





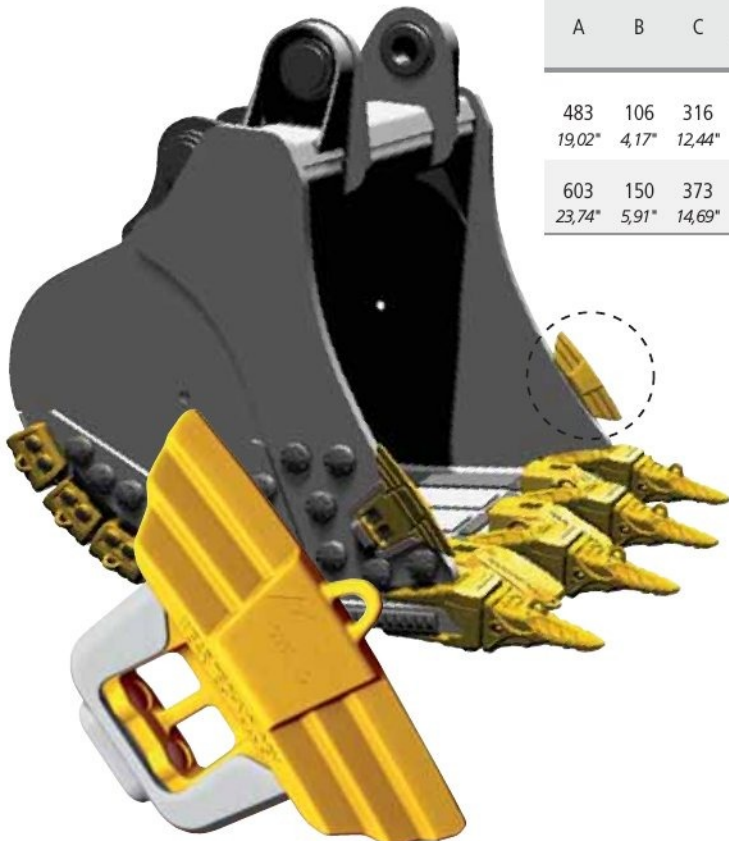
## Weld-On Side Cutter 450HB Protector Lateral Soldable 450HB



mm.		C	KG	OEM	Diagram
A	B				
150 5,91"	89 3,50"	32 1,26"	1,57 3,46	<b>F150 WS</b>	14,5-16 0,57-0,63"
200 7,87"	123 4,84"	40 1,57"	3,45 7,61	<b>F200 WS</b>	25 0,98"
280 11,02"	123 4,84"	40 1,57"	4,83 10,65	<b>F280 WS</b>	WP72S 25 0,98"



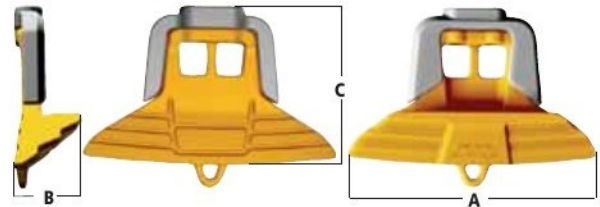
## Mechanically Attached Side Cutter 500HB Protector Lateral Mecánico 500HB



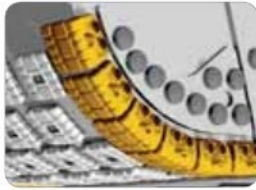
mm.		C	KG	OEM	Diagram
A	B				
483 19,02"	106 4,17"	316 12,44"	27,80 61,29	<b>F3050 SC</b>	TAW38X440 TAW40X440 TAW50X505 <b>30-50</b> 1,2"-2,0"
603 23,74"	150 5,91"	373 14,69"	55,70 122,80	<b>F6080 SC</b>	TBW75X545 TBW75X655 <b>60-80</b> 2,4"-3,1"

### Replacement Kits

	F3050 SCW
	F6080 SCW

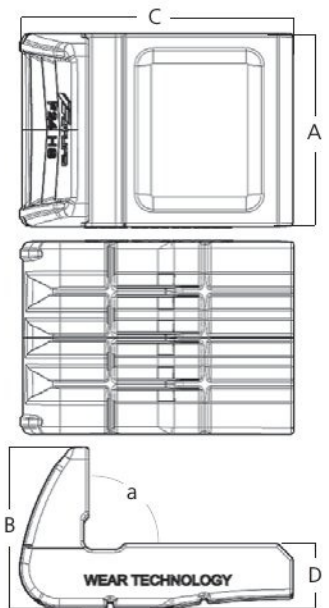


## Weld-On Heel Shrouds 450HB Protector Esquinero Soldable 450HB



### Compatible ESCO®

A	in	B	in	C	in	D	in	a°	Kg.	Lb	SHROUD	Cross Ref
189	7,44"	98	3,86"	183	7,20"	38	1,50"	90°	10,0	22	<b>F10 HS</b>	ES6697-4 ES6697-4HX
189	7,44"	106	4,17"	204	8,03"	43	1,69"	90°	12,2	27	<b>F12 HS</b>	ES6697-3 ES6697-3HX
189	7,44"	158	6,22"	266	10,47"	64	2,52"	90°	23,8	52	<b>F24 HS</b>	ES6697-2 ES6697-2HX CWS50X190-1
253	9,96"	205	8,07"	307	12,09"	64	2,52"	90°	40,1	88	<b>F40 HS</b>	ES6697-5 ES6697-5HX CWS60X250-1
250	9,84"	256	10,08"	361	14,21"	115	4,53"	90°	87,9	193	<b>F90 HS</b>	ES6697-7 CWS100X250-1



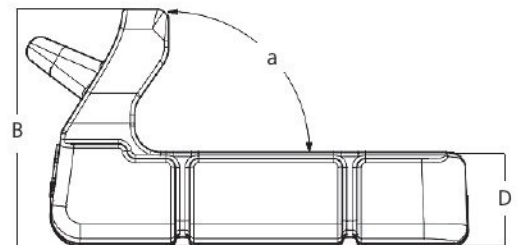
**Weld-On Heel Shrouds compatible SANDVIK Protector Esquinero Soldable**



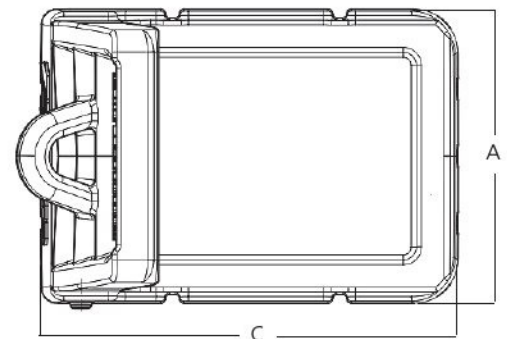
FS517 HS

**Compatible SANDVIK®**

A	in	B	in	C	in	D	in	a°	Kg.	Lb	SHROUD	Cross Ref
198	7,80"	152	5,98"	219	8,62"	50	1,97"	90°	18,4	40	<b>FS307 HS</b>	69041891
202	7,95"	162	6,38"	297	11,69"	64	2,52"	90°	30,4	67	<b>FS517 HS</b>	69040888

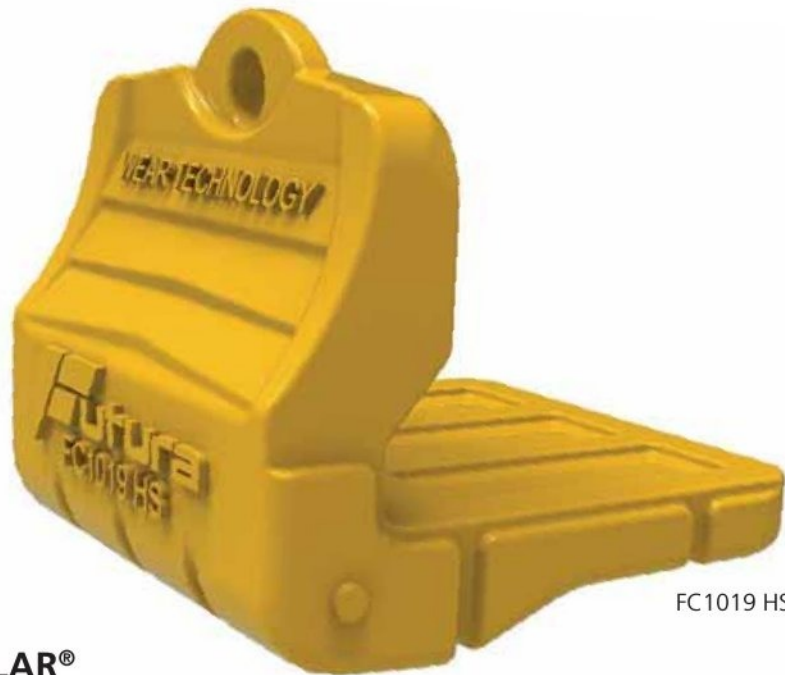
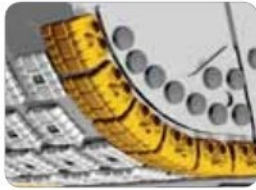


FS307 HS





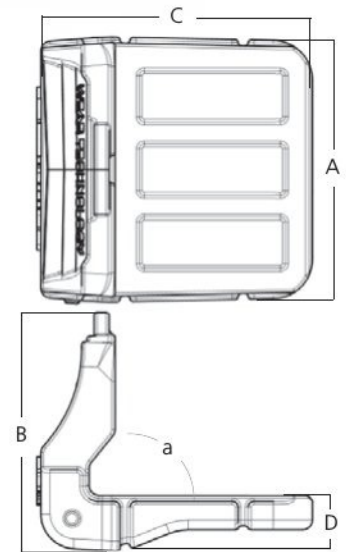
## Weld-On Heel Shrouds compatible CATERPILLAR Protector Esquinero Soldable



FC1019 HS

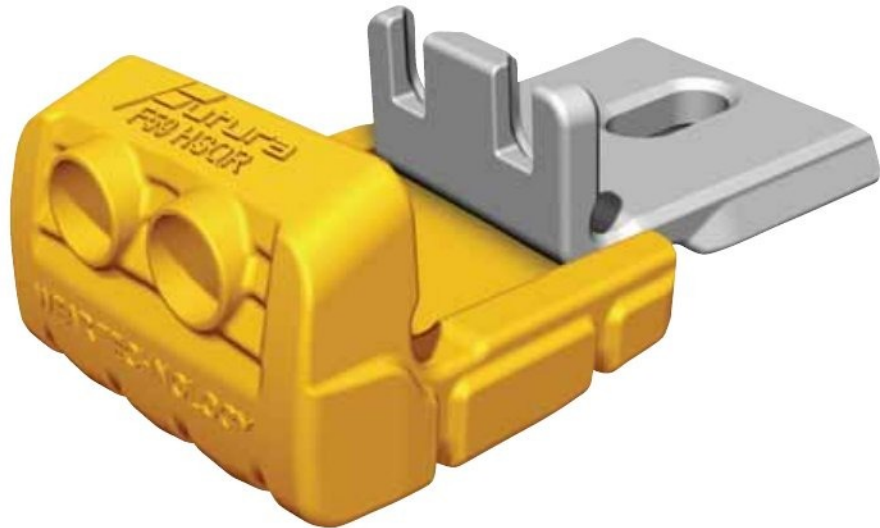
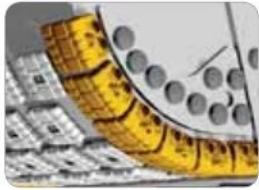
### Compatible CATERPILLAR®

A	in	B	in	C	in	D	in	a°	Kg.	Lb	SHROUD	Cross Ref
185	7,28"	155	6,10"	210	8,27"	44	1,73"	90°	15,8	35	<b>FC6529 HS</b>	138-6529
185	7,28"	153	6,02"	210	8,27"	49	1,93"	90°	15,0	33	<b>FC6551 HS</b>	138-6551
268	10,55"	241	9,49"	272	10,71"	56	2,20"	90°	34,5	76	<b>FC1019 HS</b>	157-1019
268	10,55"	238	9,37"	276	10,87"	65	2,56"	90°	34,0	75	<b>FC1027 HS</b>	157-1027



FC6551 HS

## Hammerless Heel Shrouds (Old model) Protector Esquinero Hammerless 500HB



### REPLACEMENT KITS



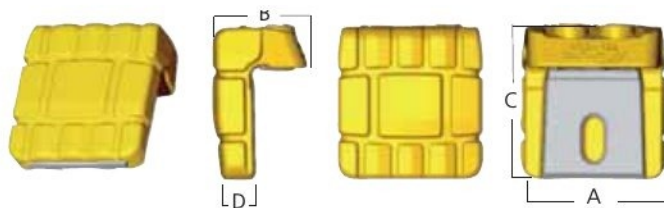
**F49 HSCK**

**F59 HSCK**

**F69 HSCK**

**F89 HSCK**

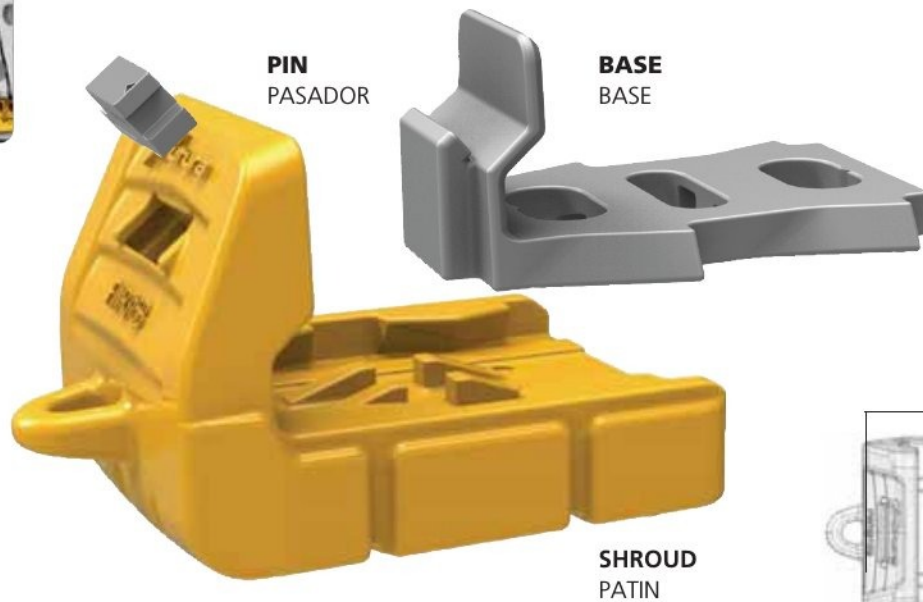
	A	in	B	in	C	in	D	in	Kg.	Lb		Cross Ref
	206	8,11"	123	4,84"	217	8,54"	49	1,93"	19,50	43	<b>F49 HSQR</b>	ES6697-4 ES6697-4HX
	206	8,11"	133	5,24"	217	8,54"	59	2,32"	21,80	48	<b>F59 HSQR</b>	ES6697-3 ES6697-3HX
	255	10,04"	183	7,20"	269	10,59"	69	2,72"	41,40	91	<b>F69 HSQR</b>	ES6697-2 ES6697-2HX
	255	10,04"	233	9,17"	328	12,91"	89	3,50"	64,30	141	<b>F89 HSQR</b>	ES6697-5 ES6697-5HX



REF	BOLT	TORQUE VALUE (N.m)
<b>F49 HSQR</b>	PB-322	40,40
<b>F59 HSQR</b>	PB-322	40,40
<b>F69 HSQR</b>	PB-940	96,30
<b>F89 HSQR</b>	PB-800	191,00

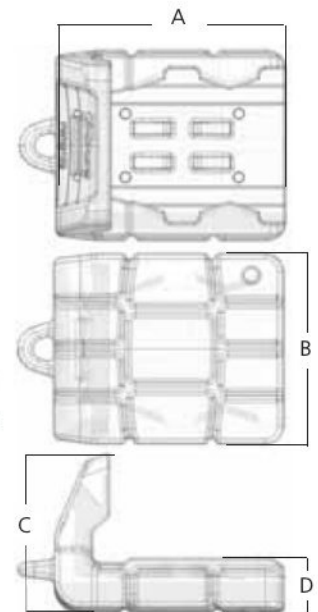
PAR DE APRIETE

## Hammerless Heel Shrouds 500HB Protector Esquinero Hammerless 500HB



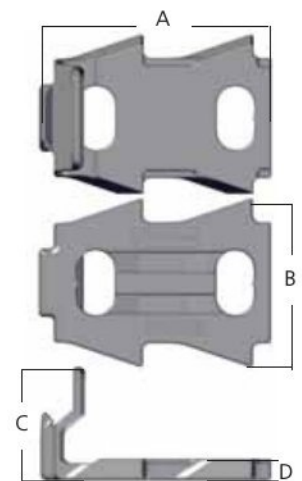
### SHROUD PATIN

A	in	B	in	C	in	D	in	Kg.	Lb	SHROUD	Cross Ref	BASE	PIN	TOOL
206	8,11"	206	8,11"	124	4,88"	42	1,65"	12,9	28	<b>FWR314C</b>	ES6697-4			
218	8,58"	206	8,11"	130	5,12"	48	1,89"	15,5	34	<b>FWR313C</b>	ES6697-3	FWB31C	FWL01C	
264	10,39"	206	8,11"	164	6,46"	66	2,60"	26,5	58	<b>FWR312C</b>	ES6697-2			
307	12,09"	256	10,08"	214	8,43"	74	2,91"	41,5	91	<b>FWR315B</b>	ES6697-5	FWB31B	FWL01B	FWT01
363	14,29"	278	10,94"	270	10,63"	125	4,92"	88,0	194	<b>FWR317A</b>	ES6697-7	FWB31A		
413	16,26"	278	10,94"	436	17,17"	131	5,16"	117,0	257	<b>FWR318A</b>	PDE56250	FWB318A	FWL01A	



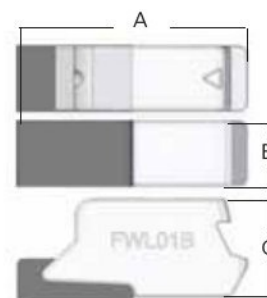
### BASE BASE

A	in	B	in	C	in	D	in	Kg.	Lb	BASE	PIN	SHROUD	TOOL
195	7,69"	161	6,34"	80	3,13"	15	0,57"	2,9	6,38	<b>FWB31C</b>	FWL01C	FWR314C FWR313C FWR312C	
267	10,51"	194	7,64"	133	5,24"	25	0,98"	7,5	16,50	<b>FWB31B</b>	FWL01B	FWR315B	FWT01
296	11,65"	227	8,94"	148	5,83"	38	1,50"	14,5	31,90	<b>FWB31A</b>		FWR317A	
370	14,57"	227	8,94"	273	10,75"	38	1,50"	22,0	48,40	<b>FWB318A</b>	FWL01A	FWR318A	

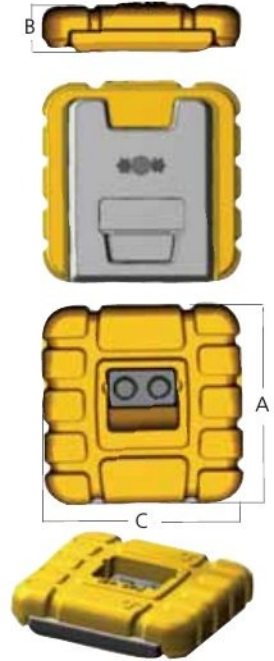
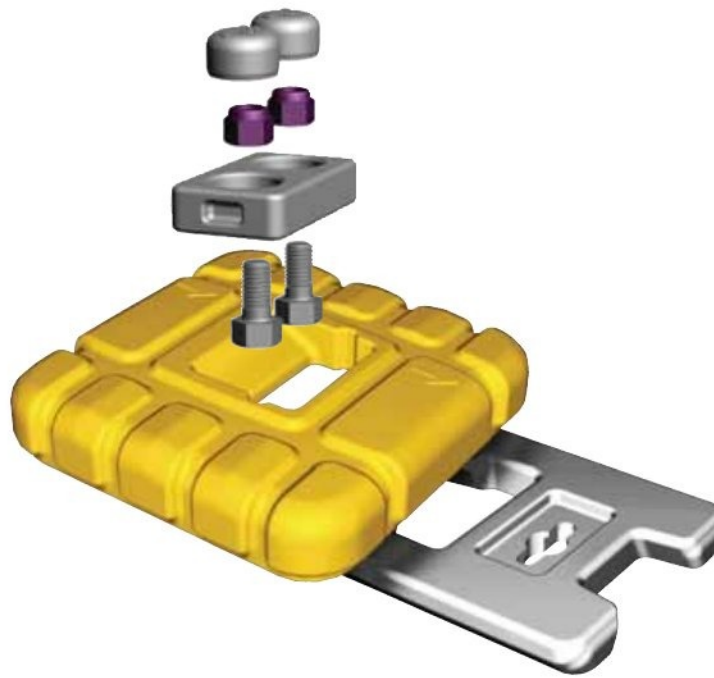
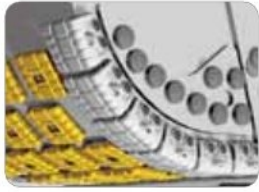


### PIN PASADOR

A	in	B	in	C	in	Kg.	Lb	PIN	Cross	TOOL
72	2,82"	20	0,77"	25	0,99"	0,2	0,35	<b>FWL01C</b>	KLL01MC	
88	3,46"	26	1,01"	38	1,50"	0,6	1,32	<b>FWL01B</b>	KLL01MB	FWT01
118	4,64"	32	1,26"	57	2,24"	1,8	3,96	<b>FWL01A</b>	KLL01MA	



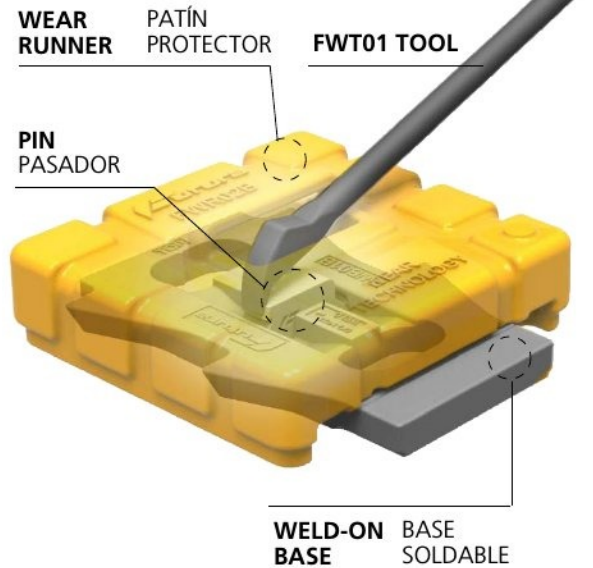
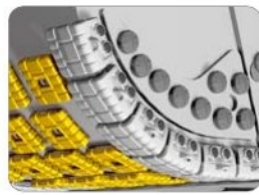
## Hammerless Wear Runners (Old model) Protector de Fondo Hammerless 500HB



mm.				KG	Illustration	OEM	Illustration	Illustration	Illustration	units	Illustration	units	Illustration	units	Illustration	units
A	B	C														
206	39	206	9,75	<b>F39 WR</b>	KLR01MC	1 unit	1 unit	S-0509	2	TAC-380	2	LK-3949	1	T 3/8	2	
8,11"	1,54"	8,11"	21,49													
206	49	206	12,12	<b>F49 WR</b>	KLR02MC B8X8WR175	1 unit	1 unit	S-0509	2	TAC-380	2	LK-3949	1	T 3/8	2	
8,11"	1,93"	8,11"	26,72													
206	59	206	23,80	<b>F59 WR</b>	KLR01MB	1 unit	1 unit	S-1621	1	TAC-120	1	LK-5979	1	T1/2	1	
8,11"	2,32"	8,11"	52,47													
206	79	206	40,10	<b>F79 WR</b>	KLR02Mb B10X10WR275	1 unit	1 unit	S-1595 B	1	TAC-120	1	LK-5979	1	T1/2	1	
8,11"	3,11"	8,11"	88,40													

REF	BOLT	TORQUE VALUE (N.m)
<b>F39 WR</b>	S-0509	5,58
<b>F49 WR</b>	S-0509	5,58
<b>F59 WR</b>	S-1621	13,10
<b>F79 WR</b>	S-1595 B	13,10
PAR DE APRIETE		

## Hammerless Wear Runners 500HB Patín Protector de Fondo Hammerless 500HB



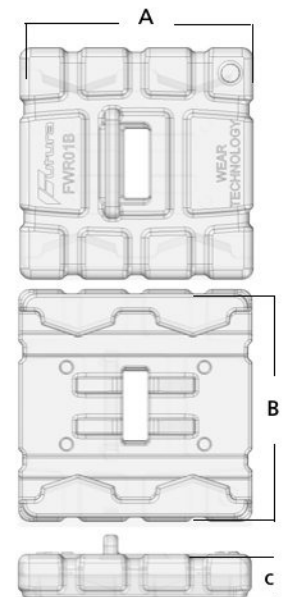
**WEAR RUNNER** PATÍN PROTECTOR

**WELD-ON BASE** BASE SOLDABLE

**WELD-ON BASE** BASE SOLDABLE

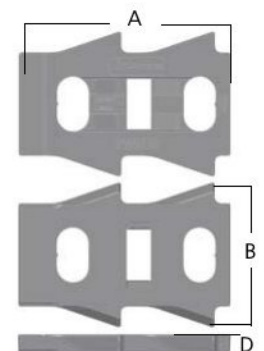
### SHROUD PATIN

A	in	B	in	C	in	Kg.	Lb	SHROUD	Cross Ref	BASE	PIN	TOOL
206	8,11"	206	8,11"	32	1,26"	6,4	14	<b>FWR01C</b>	KLR01MC			
206	8,11"	206	8,11"	40	1,57"	8,0	18	<b>FWR02C</b>	KLR02MC	FWB01C	FWL01C	
358	14,09"	218	8,58"	40	1,57"	19,0	42	<b>FWR19C</b>	KLR19MC			
256	10,08"	256	10,08"	49	1,93"	14,5	32	<b>FWR01B</b>	KLR01MB	FWB01B	FWL01B	FWT01
256	10,08"	256	10,08"	69	2,72"	69,0	152	<b>FWR02B</b>	KLR02MB			
307	12,09"	307	12,09"	82	3,23"	37,0	81	<b>FWR01A</b>	KLR01MA	FWB01A	FWL01A	
307	12,09"	307	12,09"	108	4,25"	55,0	121	<b>FWR02A</b>	KLR02MA			



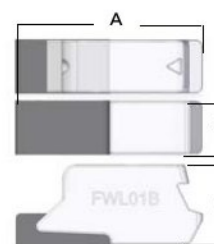
### BASE BASE

A	in	B	in	C	in	Kg.	Lb	BASE	Cross	PIN	SHROUD	TOOL
221	8,70"	162	6,38"	15	0,57"	2,9	6	<b>FWB01C</b>	KLB01MC	FWL01C	FWR01C FWR02C FWR19C	
286	11,26"	196	7,72"	25	0,98"	6,3	14	<b>FWB01B</b>	KLB01MB	FWL01B	FWR01B FWR02B	FWT01
363	14,29"	229	9,02"	38	1,50"	12,5	28	<b>FWB01A</b>	KLB01MA	FWL01A	FWR01A FWR02A	



### PIN PASADOR

A	in	B	in	C	in	Kg.	Lb	PIN	Cross	TOOL
72	2,82"	20	0,77"	25	0,99"	0,2	0	<b>FWL01C</b>	KLL01MC	
88	3,46"	26	1,01"	38	1,50"	0,6	1	<b>FWL01B</b>	KLL01MB	FWT01
118	4,64"	32	1,26"	57	2,24"	1,8	4	<b>FWL01A</b>	KLL01MA	





## DESIGNED FOR SEVERE APPLICATIONS AND ABRASIVE CONDITIONS

## DISEÑADOS PARA APLICACIONES SEVERAS Y CONDICIONES ABRASIVAS

### EXTREMELY HARD

Available in different sizes and shapes, the FUTURA Chrome white iron part is extremely hard, laminated bi-metallic, wear resistant composite with chrome-molly white iron being bonded onto a mild steel backing plate. The bonding shear strength is over 210 Mpa and will not separate

### CONSISTENT PROPERTIES

Post bonding heat treatment is conducted to ensure the FUTURA parts have finely dispersed microstructure and more consistent properties compared to most brands in the market.

### HARDNESS 700HB

The hardness of alloy, 700 brinell or HRC 63 minimum, provides maximum abrasion resistance, while the steel backing plate acts as a means of absorbing high impacts and allows easy fitting and use. The ideal working temperature for FUTURA Bucket parts is no higher than 300°C.

### APPLICATIONS

Typical applications include buckets (excavator, loader, dragline, face shovel), crusher spider arm guards, discharge chutes, rock boxes, grizzly bars or feeders, shredder and grinding mills, sugar cane knife edges, adaptor / attachment protection, dredging equipment, screen feed distribution and feed hopper wear areas.

### DUREZA EXTREMA

Disponible en diferentes tamaños y formas, la parte de acero blanco de cromo FUTURA es extremadamente dura, de laminado bi-metálico, un compuesto resistente al desgaste que une el acero blanco de cromo a una placa de apoyo de acero soldable. La resistencia al cizallamiento de unión es más de 210 Mpa y no se separará.

### CONSISTENCIA

Se lleva a cabo un tratamiento térmico posterior a la unión para asegurar que las piezas FUTURA tienen una microestructura finamente dispersa y propiedades más uniformes en comparación con la mayoría de las marcas en el mercado.

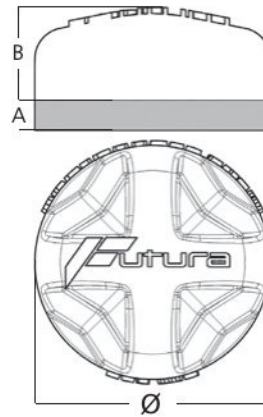
### DUREZA DE 700HB

La dureza de la aleación, 700 Brinell o 63 HRC mínimo, proporciona la máxima resistencia a la abrasión, mientras que la placa de apoyo de acero actúa como un medio de absorción de alto impacto y permite una fácil instalación y uso. La temperatura de trabajo ideal para piezas FUTURA no debe superar los 300° C.

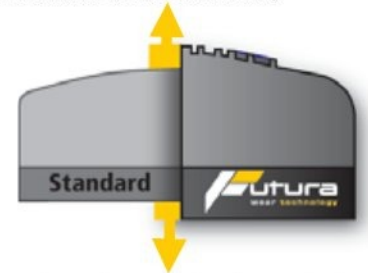
### APLICACIONES

Las aplicaciones típicas incluyen cazos, cucharones (excavadora, cargadora, arrastre, pala), arañas trituradoras, tolvas de descarga, cajas de roca, barras grizzly, trituradoras y molinos, cuchillas de caña de azúcar, material de dragado y las zonas de desgaste de tolvas de alimentación.

## Wear Button 700HB Botones Antidesgaste 700HB



20% more wear material in the wear zone and in the welding plate than standard buttons and bars ✓

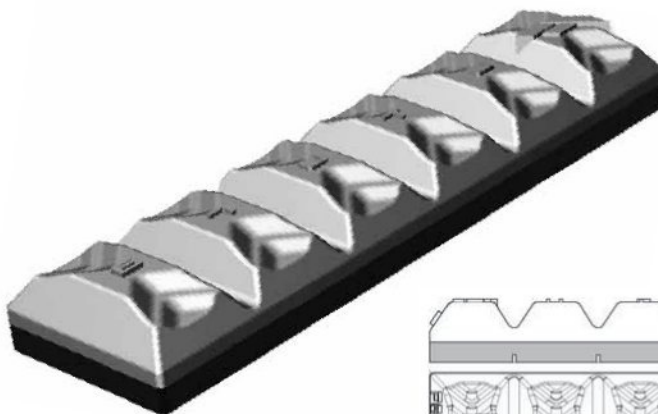


20% más de material en la zona de desgaste y en la chapa de soldadura que los productos standard

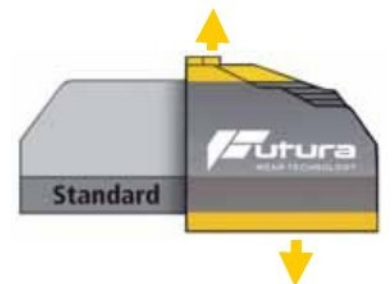


A	in	B	in	Ø	in	Kg.	Lb	REF	Cross
9,5	0,37"	21	0,83"	<b>60</b>	2,36"	0,57	1	<b>F60 WB</b>	IB50, D50BN, WB60
9,5	0,37"	28	1,10"	<b>75</b>	2,95"	1,10	2	<b>F75 WB</b>	IB75, D75BN, WB75
9,5	0,37"	34	1,34"	<b>90</b>	3,54"	1,40	3	<b>F90 WB</b>	IB90, D90BN, WB90
13	0,51"	35	1,38"	<b>115</b>	4,53"	3,34	7	<b>F115 WB</b>	IB115, D114BN
16	0,63"	45	1,77"	<b>150</b>	5,91"	7,20	16	<b>F150 WB</b>	IB150, D150BN, WB150

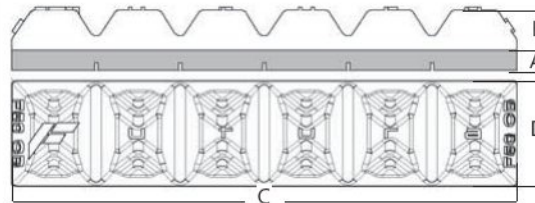
## Chocky Bar 700HB Barras Antidesgaste 700HB



20% more wear material in the wear zone and in the welding plate than standard buttons and bars ✓



20% más de material en la zona de desgaste y en la chapa de soldadura que los productos standard



A	in	B	in	c	in	D	in	Kg.	Lb	REF	Cross
9,5	0,37"	19	0,75"	240	9,45"	<b>25</b>	0,98"	1,04	2	<b>F25 CB</b>	IBR25, D25CB
9,5	0,37"	19	0,75"	240	9,45"	<b>40</b>	1,57"	1,66	4	<b>F40 CB</b>	IBR38, D38CB, CB40N, 1086NA
9,5	0,37"	19	0,75"	240	9,45"	<b>50</b>	1,97"	2,10	5	<b>F50 CB</b>	IBR50, D51CB, CB50N
9,5	0,37"	19	0,75"	240	9,45"	<b>65</b>	2,56"	2,77	6	<b>F65 CB</b>	IBR65, D64CB, CB65N, 1088NA
9,5	0,37"	19	0,75"	240	9,45"	<b>100</b>	3,94"	4,30	9	<b>F100 CB</b>	IBR100, D100CB, CB100N
9,5	0,37"	19	0,75"	240	9,45"	<b>130</b>	5,12"	5,60	12	<b>F130 CB</b>	IBR130, D130CB, CB130N, 090NA

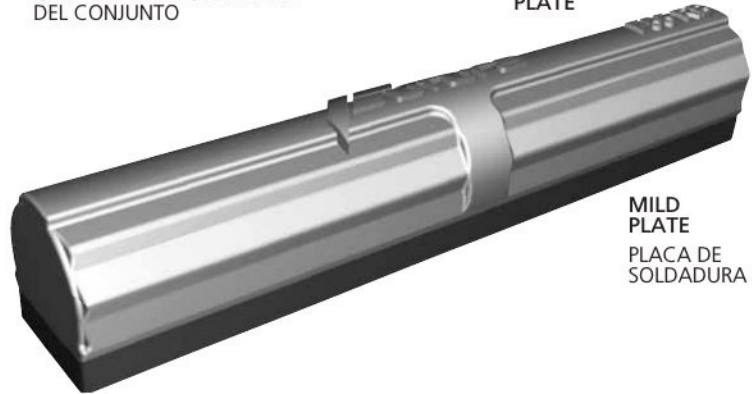
## Roll Bars 700HB Barra Antidegaste 700HB



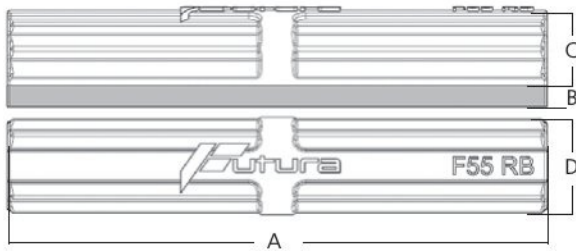
CHROME AND MILD PLATES ARE JOINED BY A SPECIAL WELDING PROCESS THAT GUARANTEES THE STABILITY OF THE ASSEMBLY

LAS DOS PLACAS ESTÁN UNIDAS MEDIANTE UN PROCESO ESPECIAL DE SOLDADURA QUE GARANTIZA LA ESTABILIDAD DEL CONJUNTO

700HB CHROME PLATE  
PLACA 700HB CROMO

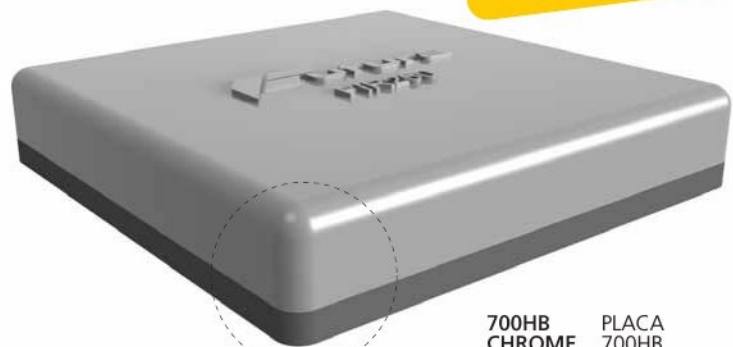
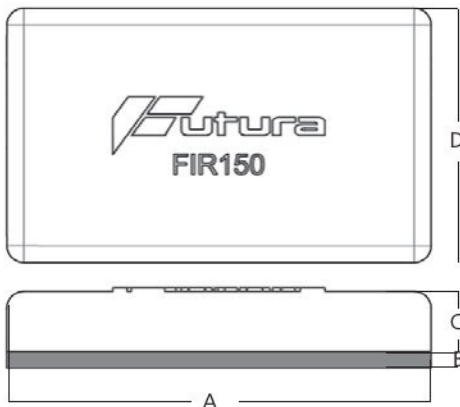


MILD PLATE  
PLACA DE SOLDADURA



A	in	B	in	C	in	D	in	Ø	in	Kg.	Lb	REF	Cross
229	9,02"	12	0,47"	28	1,08"	27	1,06"	35	1,38"	1,9	4	<b>F35 RB</b>	280-4096
305	12,01"	12	0,47"	42	1,65"	44	1,73"	55	2,17"	5,7	12	<b>F55 RB</b>	280-4097
305	12,01"	12	0,47"	59	2,34"	66	2,60"	80	3,15"	10,8	24	<b>F80 RB</b>	280-4098

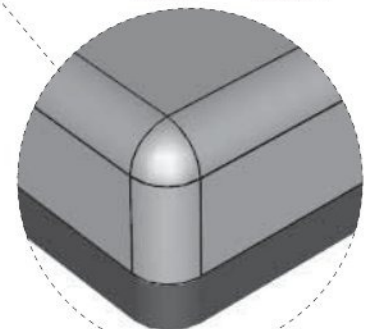
## Skid Blocks 700HB Bloques de Protección Soldables 700HB



700HB CHROME PLATE  
PLACA 700HB CROMO

CHROME AND MILD PLATES ARE JOINED BY A SPECIAL WELDING PROCESS THAT GUARANTEES THE STABILITY OF THE ASSEMBLY

LAS DOS PLACAS ESTÁN UNIDAS MEDIANTE UN PROCESO ESPECIAL DE SOLDADURA QUE GARANTIZA LA ESTABILIDAD DEL CONJUNTO

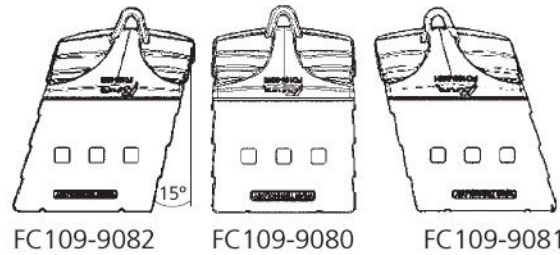


MILD PLATE  
PLACA DE SOLDADURA

A	in	B	in	C	in	D	in	Kg.	Lb	REF	Cross
250	9,84"	9,5	0,37"	27,5	1,08"	150	5,91"	13,0	29	<b>FIR150</b>	IR150
250	9,84"	12,5	0,49"	35,5	1,40"	250	9,84"	23,3	51	<b>FIR250</b>	IR250

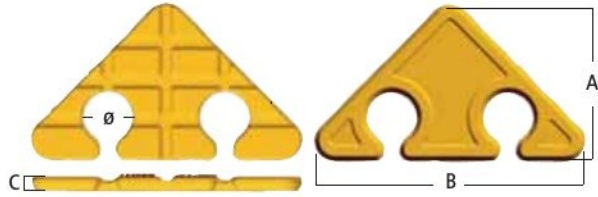


# Bolt-On Edge Protector for Loader Protector Cargadora 994 y 998



mm.		↓ ↑		REF	Cross						
A	B								C	D	E
			52,2 115,1	<b>FC109-9080</b>	109-9080			<b>988</b>			
348 13,70"	39 1,54"	456 17,95"	85 3,35"	85 3,35"	<b>45</b> 1,77"	54,0 119,0	<b>FC109-9081</b>	109-9081	PB-807	PB-807	<b>988F</b> <b>988G</b>
			54,0 119,0	<b>FC109-9082</b>	109-9082						
			152,0 335,1	<b>FC109-9030</b>	109-9030						
440 17,32"	82 3,23"	593 23,35"	270 10,63"	85 3,35"	<b>100</b> 3,94"	158,0 348,3	<b>FC109-9031</b>	109-9031	PB-801	PB-801	<b>994</b>
			158,0 348,3	<b>FC109-9032</b>	109-9032						

**Universal Wear Pad** Protector Soldable Universal



**Benefits**  
 Extended wear life of the truck hopper ✓  
 Savings on Maintenance cost: only worn parts need replacement ✓  
 Quick and easy installation: Weld on protectors ✓  
 Effective design ✓

**Ventajas:**  
 Duplican la vida útil del fondo del camión ✓  
 Ahorro en costes de mantenimiento ya que sólo es preciso cambiar las piezas gastadas ✓  
 Instalación rápida y fácil mediante soldadura ✓  
 Más económicos que otros sistemas, mayor protección a menor coste ✓

A	in	B	in	C	in	Ø	in	Kg.	Lb	REF
158	6,22"	275	10,83"	16	0,63"	150	5,91"	2,0	4	<b>PTV-01</b>