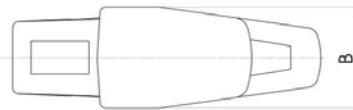
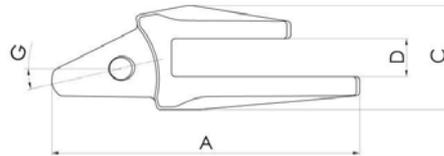
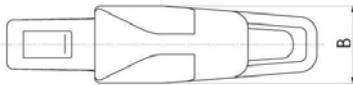
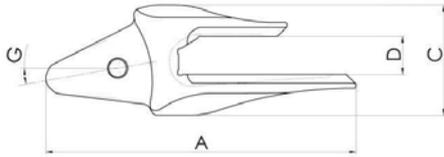


- Portapunta da saldare per escavatori
- Weld-on adapters for excavators
- Anschweiss-Halter für Baggerlöffel
- Adapteur à souder pour escavateurs
- привариваемые адаптеры для экскаваторов



1



2

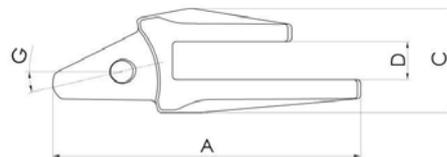
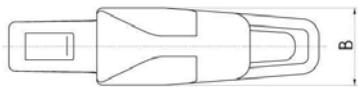
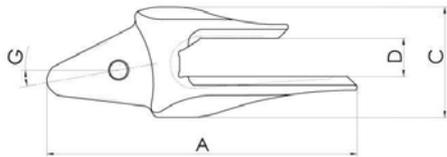


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ИТЕМ TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESSORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PUNTA TIP SPITZEN POINTE ИСПОЛЬЗУЕМЫЙ НАКОНЕЧНИК	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	FORZA DI STRAPPO (KG) BREAK-OUT FORCE BRUCHFESTIGKEIT FORCE D'ARRACHEMENT УСИЛИЕ КОПАНИЯ
					A (mm)	B (mm)	C (mm)	D (mm)	G (°)			
KM 6	20E-70-K2460	1	3,4	25	228	75	77	26	14°	KM5 KM5V	PC 100, PC 130	9000
KM 11.1	202-70-12140	1	7	25	298,5	90	90,8	26	12°30'	KM10 KM10V KM10RC	PC 160, PC 180	11200
KM 16.1	205-70-68141	1	7,3	30-32	298,9	90	103	33,5	13°30'	KM15 KM15V KM15RC	PC 200, PW 210 PC 220	15400
KM 16.2	205-939-7120	2	7,3	30-32	298,9	90	103	33,5	13°30'	KM15 KM15V KM15RC	PC 100, PC 120 PC 128, PC 130 PC 200, PW 210 PC 220	15400
KM 16.3	20Y-70-14520	2	7,1	35	298,9	90	103	36	13°30'	KM15 KM15V KM15RC	PC 200, PW 210 PC 220, PC 228	15400
KM 16.4	20Y-939-1180 *	2	8,7	40	328,5	90	110	40	13°	KM15 KM15V KM15RC	PC 200, PW 210 PC 220	15400
KM 21.1	207-70-14142	1	13,7	40	366,8	115	118	41,5	13°	KM20 KM20V KM20RC	PC 300, PC360	22500

* to be made according to a specific request

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- Portapunta da saldare per escavatori
- Weld-on adapters for excavators
- Anschweiss-Halter für Baggerlöffel
- Adapteur à souder pour escavateurs
- привариваемые адаптеры для экскаваторов



1



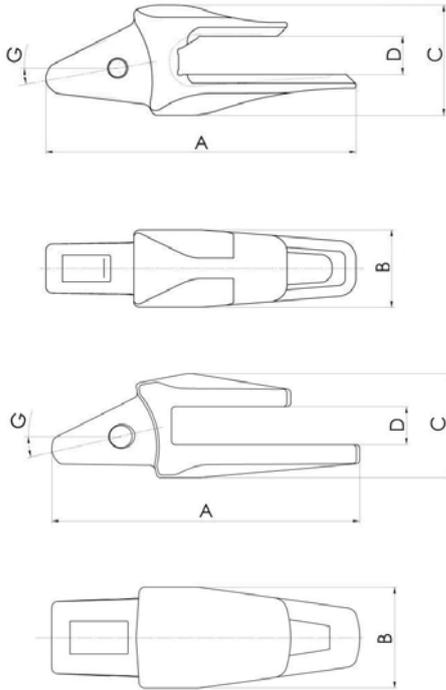
2

NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESSORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PUNTA TIP SPITZEN POINTE ИСПОЛЪЗУЕМЫЙ НАКОНЕЧНИК	MODELLO MODELL MODELE МОДЕЛЬ МАШИНЫ	FORZA DI STRAPPO (KG) BREAK-OUT FORCE BRUCHFESTIGKEIT FORCE D'ARRACHEMENT УСИЛИЕ КОПАНИЯ
					A (mm)	B (mm)	C (mm)	D (mm)	G (°)			
KM 21.2	207-939-3120	2	13,7	40	366,8	115	118	41,5	13°	KM20 KM20V KM20RC	PC 300, PC 360	22500
KM 21.3	206-939-5120	1	13,7	35	335,8	115	118	36,5	13°	KM20 KM20V KM20RC	PC 200, PC 300 PC 360	22500
KM 26.1	208-70-14143	1	21,2	45	410,8	136	133	46,5	13°	KM25 KM25V KM25RC	PC 400	29500
KM 26.2	208-939-3120	2	21,2	45	410,8	136	133	46,5	13°	KM25 KM25V KM25RC	PC 400	29500
KM 26.3	208-934-5120 *	2	24,8	60	410,8	136	144	61	13°	KM25 KM25V KM25RC	PC 400, PC 450	29500
KM 41.3	209-70-54143	1	57,7	75-80	613,2	170	201	81	10°	KM40 KM40V KM40RC	PC 650	50000
KM 41.4	209-70-74141	1	53	75-80	563,2	170	199	81	6°	KM40 KM40V KM40RC	PC 600	50000

* to be made according to a specific request

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- Portapunta da saldare per escavatori
- Weld-on adapters for excavators
- Anschweiss-Halter für Baggerlöffel
- Adapteur à souder pour escavateurs
- привариваемые адаптеры для экскаваторов



1



2



NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PUNTA TIP SPITZEN POINTE ИСПОЛЗУЕМЫЙ НАКОНЕЧНИК	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	FORZA DI STRAPPO (KG) BREAK-OUT FORCE BRUCHFESTIGKEIT FORCE D'ARRACHEMENT УСИЛИЕ КОПАНИЯ
					A (mm)	B (mm)	C (mm)	D (mm)	G (°)			
KM51.2	21N-70-14140	1	80,6	85	699	176	250	86	10°	KM50 KM50V	PC 1000 PC 1100 PC 1250	

KM61.1 21T-70-74160 *

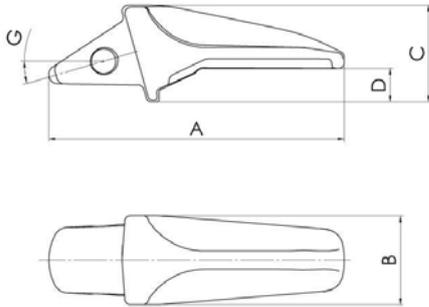
KM60

PC 1600

* to be made according to a specific request

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- Portapunta da saldare per pala caricatrice
- Weld-on adapters for loaders
- Ansc\hweiss-Halter für Ladeschaufeln
- Adaptateur à souder pour pelles chargeuses
- привариваемые адаптеры для погрузчиков

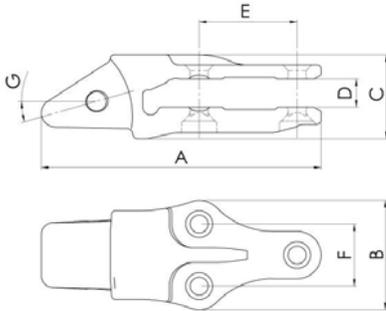


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESSORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PUNTA TIP SPITZEN POINTE ИСПОЛЬЗУЕМЫЙ НАКОНЕЧНИК	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	FORZA DI STRAPPO (KG) BREAK-OUT FORCE BRUCHFESTIGKEIT FORCE D'ARRACHEMENT УСИЛИЕ КОПАНИЯ
				A (mm)	B (mm)	C (mm)	D (mm)	G (°)			
KM6F/1		3,6		265,4	75	77	27	13°57'	KM5		
KM6F/1-D		3,3	25	230,4	75	77	27	13°57'	KM5V	WA 180	9000
KM6F/1-S		3,3		230,4	75	77	27	13°57'			
KM11F/1	419-71-H2290	7		303	90	98	34	16°	KM10	WA 270	
KM11F/1-D	419-71-H2280	6,7	30-35	301	90	96	34	16°	KM10V	WA 320	11200
KM11F/1-S	419-71-H2300	6,7		301	90	96	34	16°	KM10F	WA 380	
KM11F/2-D	419-71-H2920	7,8	30-35	302,6	90	96	34	16°	KM10	WA 270	11200
KM11F/2-S	419-71-H2910	7,8	30-35	302,6	90	96	34	16°	KM10V KM10F	WA 320 WA 380	
KM21F/1	421-71-H2E60	12,5		352	115	118	41	16°	KM20	WA 420	
KM21F/1-D	421-71-H2E50	13,1	40	369	115	118	41	16°	KM20V	WA 470	22500
KM21F/1-S	421-71-H2E70	13,1		369	115	118	41	16°	KM20F	WA 480	
KM21F/2-D	421-72-H2D50	14,8	40	356,4	115	118	41	16°	KM20	WA 420	22500
KM21F/2-S	421-72-H2D60	14,8	40	356,4	115	118	41	16°	KM20V KM20F	WA 470 WA 480	
KM31F/1	426-847-1121	* 24	60	476,2	132	146	61	17°			
KM31F/1-D	426-848-1131	* 21,5	60	476,2	132	146	61	17°	KM30	WA 500	29500
KM31F/1-S	426-848-1121	* 21,5	60	476,2	132	146	61	17°	KM30RP2	WA 600	

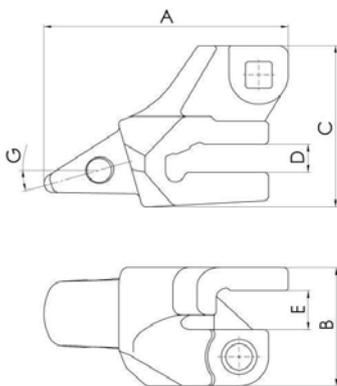
* to be made according to a specific request

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- Portapunta side-pinned da imbullonare per pale
- Side-pinned adapters for loaders
- Anschraub-Halter für Ladeschaufeln
- Adaptateur side-pinned boulonnés pour pelles chargeuses
- адаптеры с болтовым креплением для погрузчиков



CTR



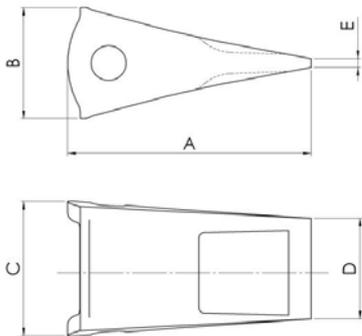
RH/LH

NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESSORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ							PUNTA TIP SPITZEN POINTE ИСПОЛЬЗУЕМЫЙ НАКОНЕЧНИК	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
					A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (°)		
KM6B	418-847-1120	* CTR	6,3		329	77	79	25,5	120		16°	KM5 KM5V	WA 180
KM6B-S	418-847-1160	* LH	6,7	25	209,4	125	155	25,5	35		16°		
KM6B-D	418-847-1170	* RH	6,7		209,4	125	155	25,5	35		16°		
KM11B	419-847-1111	CTR	10,4		348,7	95	93	28,5	120		16°	KM10 KM10V KM10F	WA 250 WA 320
KM11CB-S	419-847-1121	LH	9,5	28	248,6	122	166	28,5	40		16°		
KM11CB-D	419-847-1131	RH	9,5		248,6	122	166	28,5	40		16°		
KM21B	423-847-1111	CTR	13,1		356,9	141	108	36,5	125	80	16°	KM20 KM20V KM20F	WA 380 WA 420 WA 470
KM21B-S	423-847-1121	* LH	16,5	35							16°		
KM21B-D	423-847-1131	* RH	16,5								16°		

* to be made according to a specific request

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- Punta per benne retro e frontali
- Tips for loaders and backhoes
- Spitzen passend für Ladeschaufel und Heckbagger
- Pointes pour pelles et retro
- наконечники для погрузчиков и погрузчиков-экскаваторов

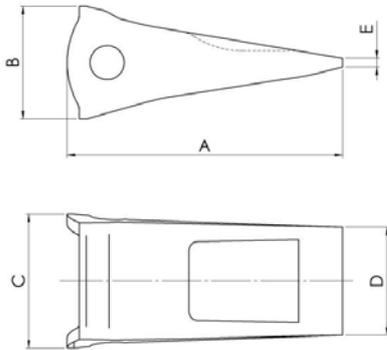


NS. RIF. OUR REF. U'REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PORTA PUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	PERNO PIN KEIL АХЕ ПАЛЕЦ	
			A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
KM5	20X-70-14160	2,4	175	76,4	77	65	6	KM6	KM7	
KM10	202-70-12130	4	202	89	92	85	7,6	KM11.1	KM12	
KM15	205-70-19570	4,2	219	101	96	78	8	KM16.1/2/3	KM17	
KM20	207-70-14151	6,5	244	114	120	93,6	8	KM21.1/2/3	KM22	
KM25	208-70-14152	9,6	274	121	151	113	10	KM26.1/2/3	KM27	
KM40	209-70-54210	24,5	370	178,3	174,3	140,4	19	KM41.1/2/3	KM42	
KM50	21N-72-14290	45	450	245	180	163	25	KM51.2	KM52	
KM60	21T-72-74311	*	61	500	275	192	180	34	KM61.1	KM62

* to be made according to a specific request

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- Punta heavy duty long per benne retro e frontali
- Heavy duty long tips for loaders and backhoes
- Heavy-Duty-Long-Spitzen für Ladeschaufel und Heckbagger
- Pointes heavy duty long pour pelles et retro
- усиленные наконечники для погрузчиков и погрузчиков-экскаваторов

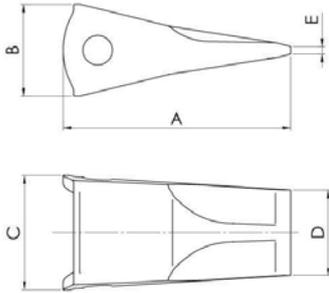


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PORTA PUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	PERNO PIN KEIL AXE ПАЛЕЦ	
			A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
KM14	205-70-68260	6,4	263	109	98	82	8	KM16.1/2/3	KM17	
KM19	207-70-14280	9,1	284	118,3	120	100	8	KM21.1/2/3	KM22	
KM24	208-70-14270	13,6	314	129,1	154	124	10	KM26.1/2/3	KM27	
KM39	209-70-54710	*	32,5	402	185,6	175,6	146	16	KM41.1/2/3	KM42
KM49	21N-72-14410	54,7	500	245	180	161	25	KM51.2	KM52	

* to be made according to a specific request

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All manufacturers' name, numbers, symbols and descriptions are used for reference purpose only, and it is not implied that any part listed is the product of these manufacturers.

- Punte „V“ per benne retro e frontali
- „V“ tips for loaders and backhoes
- „V“-Spitzen für Ladeschaufel und Heckbagger
- Pointes „V“ pour pelles et retro
- V-образные наконечники для погрузчиков и погрузчиков-экскаваторов

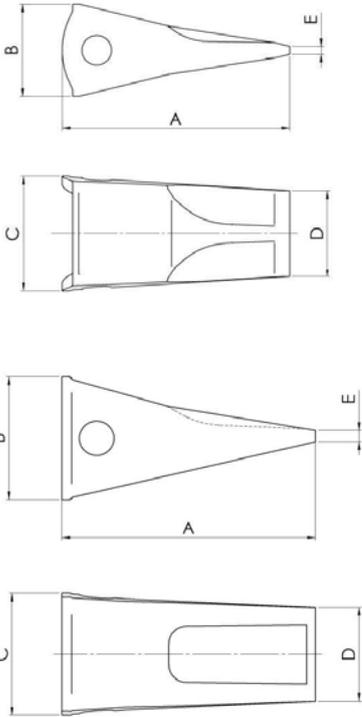


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PORTA PUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	PERNO PIN KEIL АХЕ ПАЛЕЦ	
			A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
KM 5V		2	175	76,4	77	65	5	KM6	KM7	
KM 10V		3,9	202	89	92	76	6	KM11.1	KM12	
KM 15V	20Y-70-K4030	4,1	219	101	96	78	6	KM16.1/2/3	KM17	
KM 20V	207-70-K2530	6,4	244	114	120	93,6	8	KM21.1/2/3	KM22	
KM 25V	208-70-K1420	10,8	300	121	151	112	10	KM26.1/2/3	KM27	
KM 40V	209-70-54720	*	23,5	390	178,3	174,3	142	14	KM41.1/2/3	KM42
KM 50V	21N-72-14420	*	40,5	460	242	180	165	18	KM51.2	KM52

* to be made according to a specific request

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- Punta per benne frontali
- Tips for front buckets
- Spitzen für Ladeschaufel
- Pointes pour pelles
- наконечники для погрузчиков



1



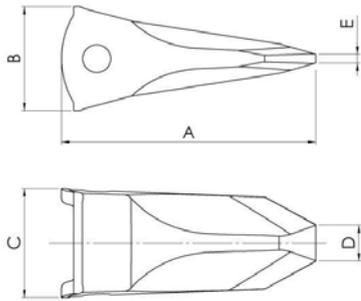
2

NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ИТЕМ TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PORTA PUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	PERNO PIN KEIL AXE ПАЛЕЦ
				A (mm)	B (mm)	C (mm)	D (mm)	E (mm)		
KM 10F	419-71-H2310	1	3,7	202	91	92	76	7	KM11F/1	KM12
KM 20F	421-71-H2E80	1	7,2	254	116	120	94	8	KM21F/1	KM22
KM 30	426-847-1110	2	11,3	285	139	138	106	13	KM31F/1	KM32

* to be made according to a specific request

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- Punta per heavy duty abrasion per benne frontali
- Heavy duty abrasion tips for front buckets
- Heavy-Duty-Abrasion-Spitzen für Ladeschaufel
- Pointes pour pelles
- усиленные высокообразивные наконечники для ковшей

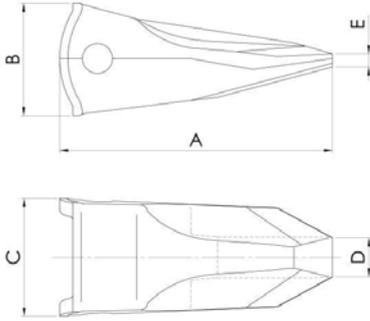


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PORTA PUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	PERNO PIN KEIL AXE ПАЛЕЦ
			A (mm)	B (mm)	C (mm)	D (mm)	E (mm)		
KM 10RC	202-70-12130RC *		240	94	97	32	8	KM11.1	KM12
KM 15RC	205-70-19570RC	5,8	254	105	100	38	8	KM16.1/2/3	KM17
KM 20RC	207-70-14151RC	9,6	290	120	126	42	10	KM21.1/2/3	KM22
KM 25RC	208-70-14152RC	16	360	129	154	54	11	KM26.1/2/3	KM27
KM 40RC	209-70-54210RC *	34,4	440	185	180	70	18	KM41.1/2/3	KM42

* to be made according to a specific request

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- Punta per heavy duty abrasion per benne frontali
- Heavy duty abrasion tips for front buckets
- Heavy-Duty-Abrasion-Spitzen für Ladeschaufel
- Pointes pour pelles
- усиленные высокообразивные наконечники для ковшей

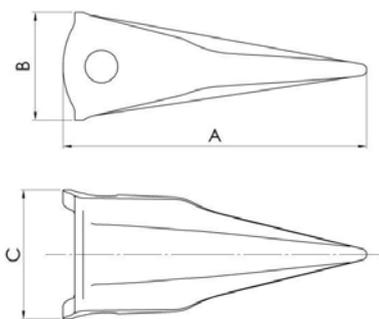


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PORTA PUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	PERNO PIN KEIL AXE ПАЛЕЦ
			A (mm)	B (mm)	C (mm)	D (mm)	E (mm)		
KM 10RP2	419-70-E10RP	6,8	240	94	97	32	11	KM11F/1	KM12
KM 20RP2	421-71-E20RP	12,3	290	120	126	42	14,1	KM21F/1	KM22
KM 30RP2		27	380	150	150	56	20,2	KM31F/1	KM32

* to be made according to a specific request

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- Punte sharp
- Sharp tips
- Sharp-Spitzen
- Pointes sharp
- заостренные наконечники

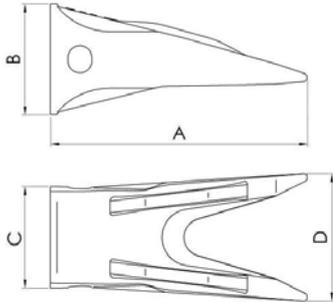


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ			PORTAPUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	PERNO PIN KEIL AXE ПАЛЕЦ	
			A (mm)	B (mm)	C (mm)			
KM 15SC	20Y-70-K4060	*	5,1	263	105	98	KM16.1/2/3	KM17
KM 20SC	20Y-70-K4070	*	7,6	285	120	126	KM21.1/2/3	KM22
KM 25SC	208-70-K1340		13,3	330	129	154	KM26.1/2/3	KM27
KM 40SC	209-70-54730	*	23	430	178,3	174,3	KM41.1/2/3	KM42

* to be made according to a specific request

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- Punta twin tiger
- Twin tiger tips
- Twin-Tiger-Spitzen
- Pointes twin tiger
- раздвоенные наконечники

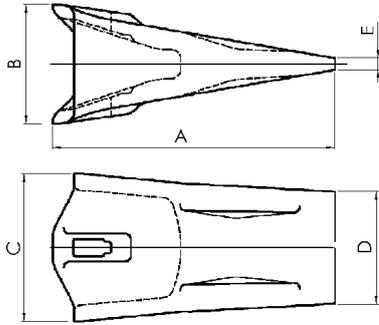


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				PORTAPUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	PERNO PIN KEIL AXE ПАЛЕЦ
			A (mm)	B (mm)	C (mm)	D (mm)		
KM15TT	205-70-19570TT *		259	105	98	132	KM16.1/2/3	KM17
KM20TT	207-70-14151TT *		285	114	120	166	KM21.1/2/3	KM22
KM25TT	208-70-14152TT *		330	129	154	215	KM26.1/2/3	KM27

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- Punta a bloccaggio verticale
- Vertical locking tips
- Spitzen mit senkrechtem Befestigungs-Stift
- Pointes avec blocage vertical
- наконечники с вертикальным замком

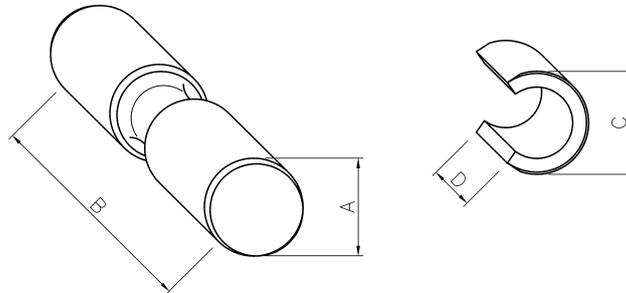


NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PORTAPUNTA ADAPTERS HALTER ADAPTEUR ИСПОЛЬЗУЕМЫЙ АДАПТЕР	CHIAVETTA KEY KEIL AXE КЛЮЧЕВЫЕ	GOMMINO RUBBER GUMMI BLOC РЕЗИНОВЫЕ
			A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
KM 120	205-70-74272	4,1	213	92,3	108	91,6	7	20Y-70-14180	205-70-74281	205-70-74291
KM 130	207-70-34212	6,6	240	105	127	96	10	207-70-34151	207-70-34221	205-70-74291
KM 140	208-70-34211	10,6	270	122,4	144,5	120,5	16	208-70-34150	208-70-34220	208-70-34191

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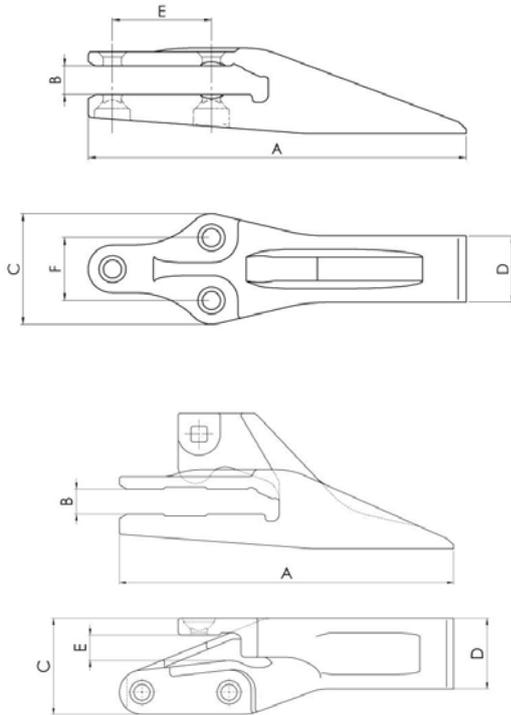
- Perni e anelli
- Pins and washers
- Keil und Ring
- Axe et rondelle
- Пальцы и шайб



NS. RIF. OUR REF. UI REF. NOTRE REF. НОМЕР ИР	N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ			
		A (mm)	B (mm)	C (mm)	D (mm)
KM 7	20X-70-00100	19,7	71,2	21	18
KM 12	09244-02489	24,7	88,5	26	21,5
KM 17	09244-02496	24,7	96,5	26	21,5
KM 22	09244-02516	24,7	119	26	21,5
KM 27	09244-03036	29,7	145	32	21,5
KM 32	426-847-1130	29,7	136	32	21,5
KM 42	209-70-54240	35,7	163	38	25
KM 52	21N-72-14330	39,7	170	42,5	25
KM 62	21T-72-74320				
KM 222	09244-02508	24,7	113	26	21,5
KM 223	195-78-71360	29,7	112	32	21,5
KM 224	198-78-21410				
KM 225	19M-78-11370				

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- Dente monoblocco centrale
- Center monobloc unitooth
- Zentral gabel zahn
- Centre dentaire monobloc
- Центральный зуб



CTR



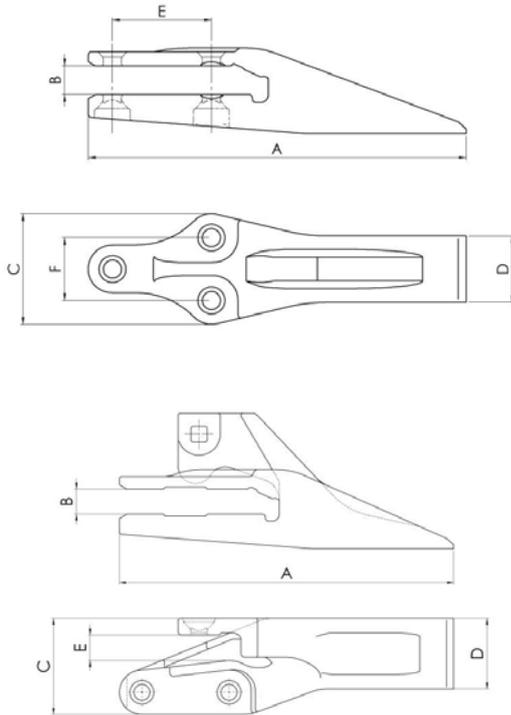
RH/LH

N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	ALTRO N. ORIGINALE OTHER ORIGINAL P/N ANDERE ORIGINAL-NR. AUTRE N. ORIGINAL АЛЬТЕРНАТИВНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESSORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - PAЗМЕРЫ						VITE/DADO BOLT/NUT SCHRAUBE/MUTTER BOULON ECROU БОЛТ/ГАЙКА	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
					A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)		
20T-70-13130		* CTR	2,45	16	240	17	56	40	60	02090-11060 – 02205-11015	PC25, PC30 PC40, PC45	
42N-833-1390		CTR	3,9	20	285	21,5	65	50	80			
113-70-22140		* CTR	4,2	22	315	22,5	60	50	95	09208-11965 – 09218-11916	D31S, D31Q	
125-70-21810		* CTR		25	385	25,5	84	60	120			
135-70-13411		* CTR	11,3	28	421,5	28,5	128	70	100	80		
135-70-34110		* CTR		28	415	28,5	100	70	120	135-70-34120 – 135-70-34130	DT5S	
145-70-19181		* CTR	27	38	480	38	160	75	125	80		

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- Dente monoblocco centrale
- Center monobloc unitooth
- Zentral gabel zahn
- Centre dentaire monobloc
- Центральный зуб


CTR

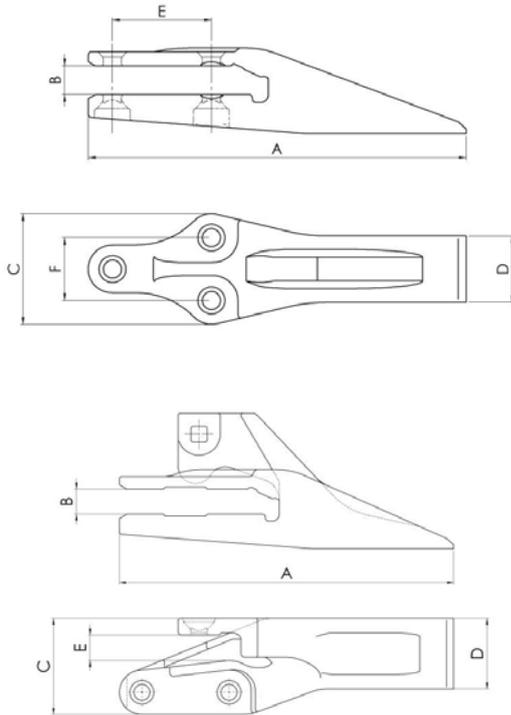
RH/LH

N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	ALTRO N. ORIGINALE OTHER ORIGINAL P/N ANDERE ORIGINAL-NR. AUTRE N. ORIGINAL АЛЬТЕРНАТИВНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESSORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ						VITE/DADO BOLT/NUT SCHRAUBE/MUTTER BOULON ECROU БОЛТ/ГАЙКА	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
					A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)		
145-70-44110		* CTR		38	436	38	140	76	125	80		
145-70-44180		* CTR	14,2	38	437,5	38	152	75	125	80	09208-12290 – 09218-12219 145-70-44120 – 145-70-44130	D66S D75S
145-70-44220		* CTR	14,5	38	407,5	38	152	75	125	80		
176-70-14110		* CTR		28	595	28,5	175	95	175	100		
418-70-13150 417-70-B1390		* CTR	6,4	25	388	25,5	75	70	120		423-70-13180 – 02290-11422	WA180
418-70-13160		* LH	10,5	25	290	25,5	120	70	35		142-70-12260 – 02290-11422 418-70-13140 – 02290-11422	WA180
418-70-13170		* RH	10,5	25	290	25,5	120	70	35		142-70-12260 – 02290-11422 418-70-13140 – 02290-11422	WA180

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- Dente monoblocco centrale
- Center monobloc unitooth
- Zentral gabel zahn
- Centre dentaire monobloc
- Центральный зуб



CTR



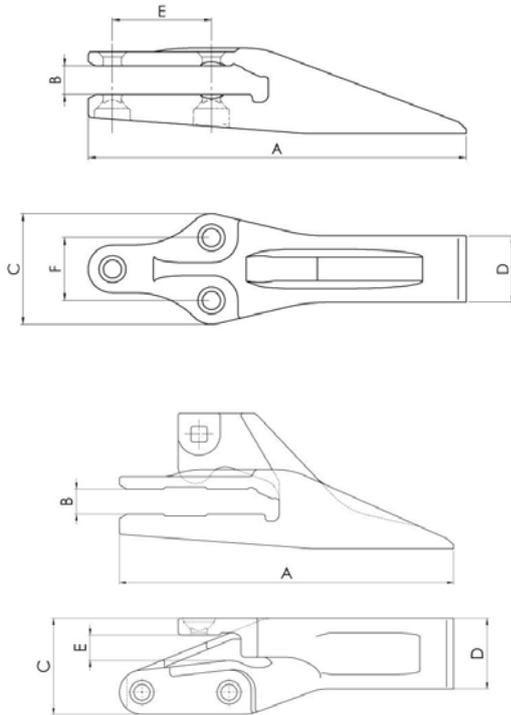
RH/LH

N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	ALTRO N. ORIGINALE OTHER ORIGINAL P/N ANDERE ORIGINAL-NR. AUTRE N. ORIGINAL АЛЬТЕРНАТИВНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESSORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ						VITE/DADO BOLT/NUT SCHRAUBE/MUTTER BOULON ECROU БОЛТ/ГАЙКА	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
					A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)		
419-70-13114		* CTR	12,7	28	435	28,5	85	80	120	02090-11695 – 09218-12523	WA250 WA320	
419-70-13164		LH	14,1	28	340	28,5	122	96	40	419-70-13150 – 02290-11625	WA250 WA320	
419-70-13174		RH	14,1	28	340	28,5	122	96	40	419-70-13150 – 02290-11625	WA250 WA320	
423-70-13114	77Z-70-10201	CTR	15,9	35	477,5	36,5	141	85	125	80	09208-12595 – 09218-12219	WA380 WA420 WA470
423-70-13144		LH	23,7	35	479	36,5	139	102	37	423-70-13180 – 02290-11422	WA380 WA420 WA470	
423-70-13154		RH	23,7	35	479	36,5	139	102	37	423-70-13180 – 02290-11422	WA380 WA420 WA470	
425-70-13212		* CTR	28	40	545	40,8	165	110	150	100	02091-11610 – 02290-11625	WA500

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- Dente monoblocco centrale
- Center monobloc unitooth
- Zentral gabel zahn
- Centre dentaire monobloc
- Центральный зуб



CTR



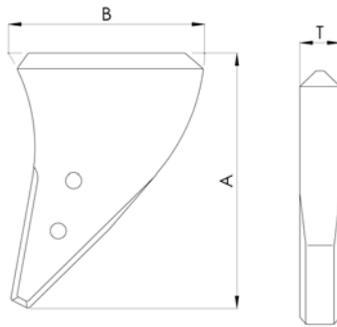
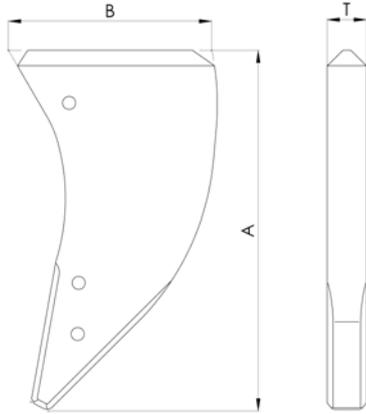
RH/LH

N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	ALTRO N. ORIGINALE OTHER ORIGINAL P/N ANDERE ORIGINAL-NR. AUTRE N. ORIGINAL АЛЬТЕРНАТИВНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	SPESSORE LAMA EDGE THICKNESS MESSERSTÄRKE ÉPAISSEUR DE LAME ТОЛЩИНА КРОМКИ КОВША	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ						VITE/DADO BOLT/NUT SCHRAUBE/MUTTER BOULON/ECROU БОЛТ/ГАЙКА	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
					A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)		
425-70-13222		* LH	40								02091-11600 – 02290-11625	WA500
425-70-13232		* RH	40								02091-11600 – 02290-11625	WA500
426-70-13311		* CTR	44	50	660	51	195	120	175	100	02091-12050 – 02290-12031	WA600
426-70-13321		* LH	54,6	45	660	45	198	144	42		02091-12015 – 02290-12031	WA600
426-70-13331		* RH	54,6	45	660	45	198	144	42		02091-12015 – 02290-12031	WA600

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- Portapunta per ripper
- Adapter for ripper
- Ripper-Halter
- Adapteur pour ripper
- Адаптер рыхлителя


1

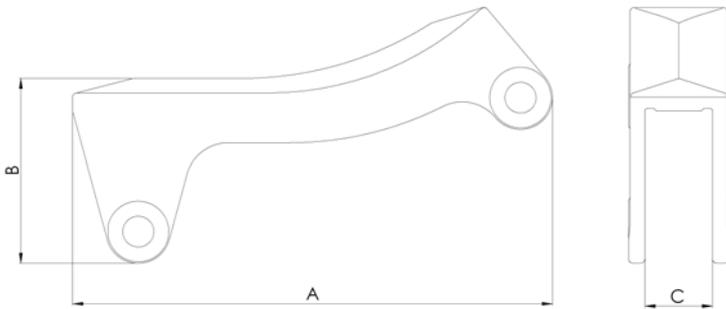
2

N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ			PUNTA TIP SPITZEN POINTE ИСПОЛЬЗУЕМЫЙ НАКОНЕЧИК	PROTETTORE PROTECTOR SCHUTZ PROTECTEUR ПРОТЕКТОР	SHANK SHANK SHANK SHANK СТОЙКА	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	T (mm)				
175-78-21693	1	77,6	664	326	75	175-78-31232 175-78-31293 175-78-34131	195-78-21320 195-78-21580	154-78-14344 175-78-21613 195-79-21614	D155A-2 D155A / AX-3 D155AX-5
195-78-14350	1	92,2	692	389	75	195-78-21331 195-78-21331L 195-78-29130	17M-78-21330 195-78-21320 195-78-21580	195-78-41191 195-79-31141	D275A-2 D355A-3
195-78-71380	2	57,0	485	368	75	195-78-71320 195-78-71320SV 195-78-71340 195-78-71390	195-78-71111 195-78-72410	195-78-71120 195-79-51111 195-79-51151	D375A-2 D375A-3
198-79-11620	* 1	148,6	792	480	95	198-78-21340			D455A
198-78-21430	2	89,5	563	383	95	198-78-21340	198-78-21330 198-78-21390	198-79-21320	D475A-2 D475A-3 / SD

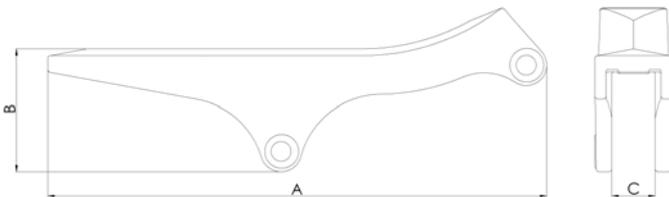
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- Parti di usura per ripper (protezione)
- Wear parts for rippers (protector)
- Ripper-Ersatzteile (Schutz)
- Pièce d'usure pour ripper (Protecteur)
- Расходные запасные части для рыхлителя



1



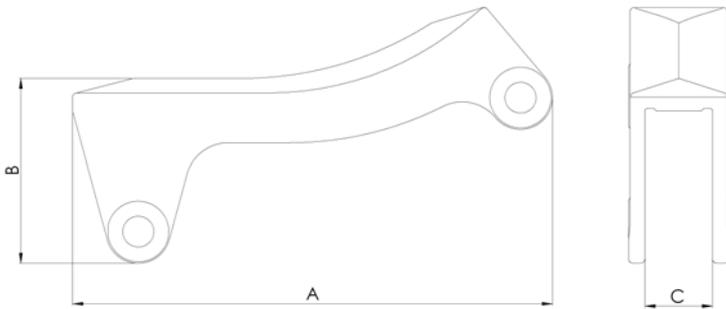
2

N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ			PERNO PIN KEL AXE ПАЛЕЦ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	
			A (mm)	B (mm)	C (mm)			
17M-78-21330	*	1	15,1	523	164,5	78	KM222	D275A
195-78-21320	1	14,7	465,4	164	79	79	KM222	D135A, D155A D155AX, D355A
195-78-21320HD	1	19,0	465,4	170	79	79	KM222	D135A, D155A D155AX, D355A
195-78-21580	2	26,2	720,7	126	79	79	KM222	D135A, D155A D155AX, D355A
195-78-21580HD	2	29,5	720,7	151	79	79	KM222	D135A, D155A D155AX, D355A
195-78-71111	*	1	21	554,2	205	78	KM223	D375A
195-78-71111HD	1	22,8	554,2	215	78	78	KM223	D375A

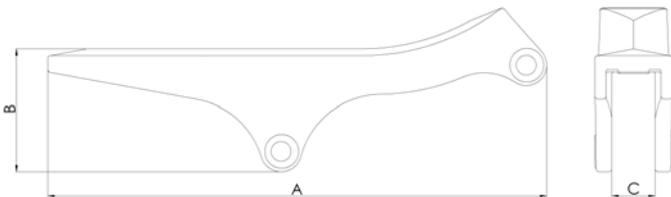
* to be made according to a specific request

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- Parti di usura per ripper (protezione)
- Wear parts for rippers (protector)
- Ripper-Ersatzteile (Schutz)
- Pièce d'usure pour ripper (Protecteur)
- Расходные запасные части для рыхлителя



1



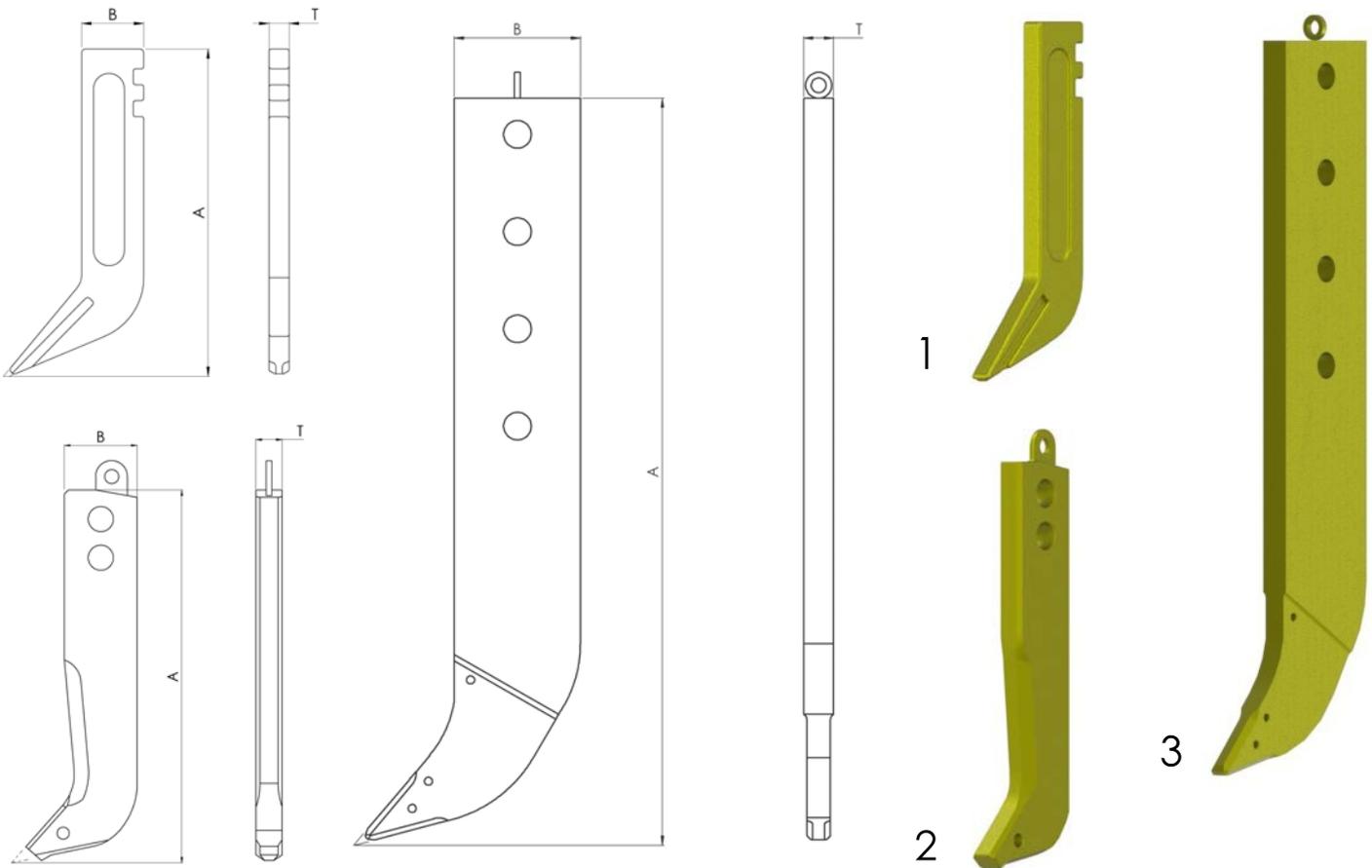
2

N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ			PERNO PIN KEL AXE ПАЛЕЦ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	C (mm)		
195-78-72410	2	53,0	898,4	222	78	KM223	D375A
198-78-21390	*	60,8	940	193	98	KM224	D475A
195-78-72410	2	53,0	898,4	222	78	KM223	D375A

* to be made according to a specific request

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- Shank per ripper
- Shank for ripper
- Shank für ripper
- Shank pour ripper
- Стойка рыхлителя

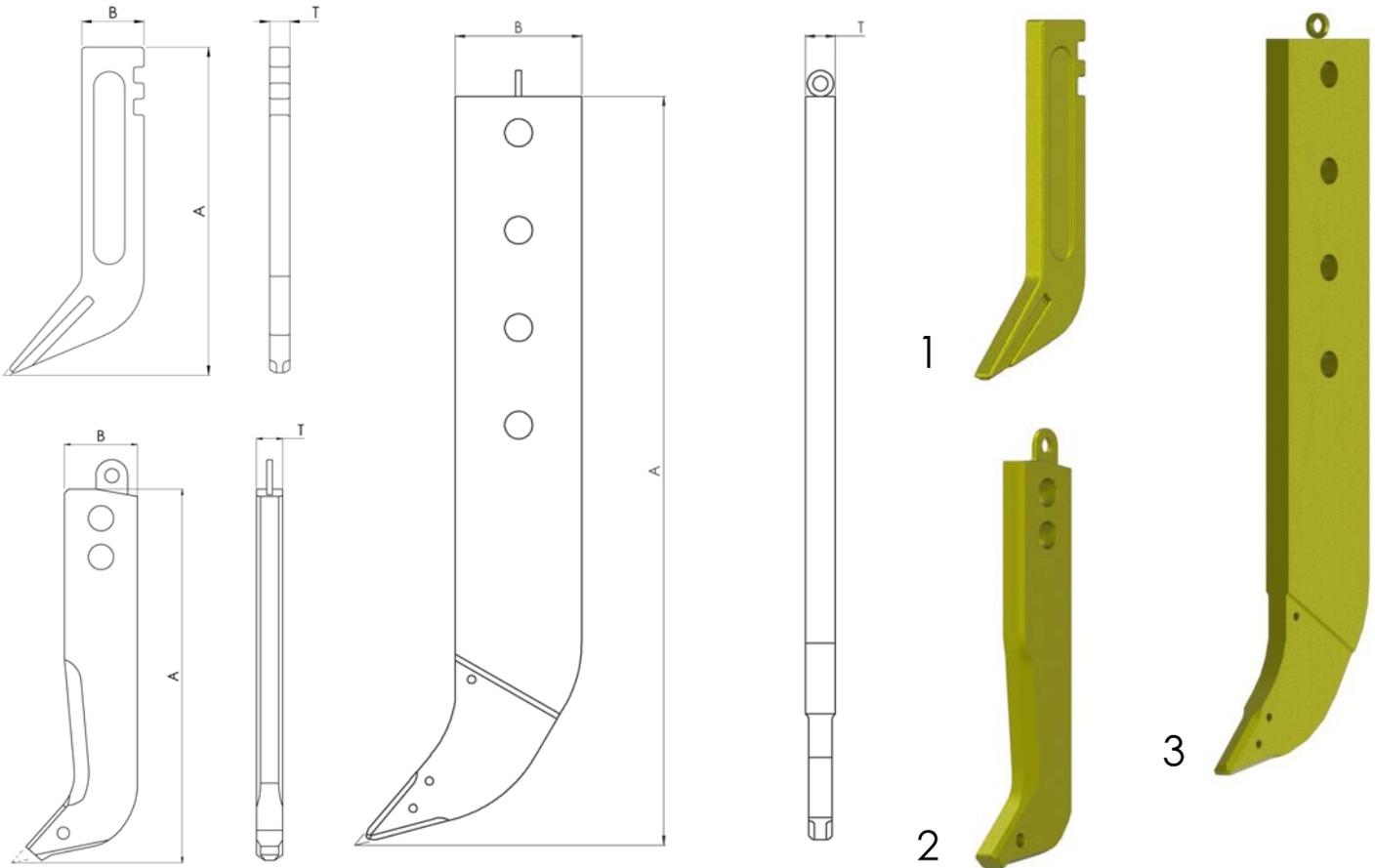


N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ			PUNTA TIP SPITZEN POINTE ИСПОЛЬЗУЕМЫЙ НАКОНЕЧИК	PROTETTORE PROTECTOR SCHUTZ PROTECTEUR ПРОТЕКТОР	PORTAPUNTA ADAPTER HALTER ADAPTEUR АДАПТЕР РЫХЛИТЕЛЯ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	T (mm)				
232-71-51310	* 1	5,7	410	77	25	232-71-51320		GD500R GD705R	
23A-785-3150	* 2	18,3	456,6	115	40			M85-785	
232-785-1291	* 2	27,4	573,5	140	60	234-785-1121		GD600R GD600R GD655/A	
125-78-22210	* 2	39	772	150	53,5	131-78-31190		D40A-1 D45A-1/S-1 D41P-6/E-6/6A	
175-78-21614	* 3	295	1630	315	75	175-78-31232 175-78-31293 175-78-34131	195-78-21320 195-78-21580	175-78-21693 D155A-2 D155A / AX-3 D155AX-5	

* to be made according to a specific request

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- Shank per ripper
- Shank for ripper
- Shank für ripper
- Shank pour ripper
- Стойка рыхлителя

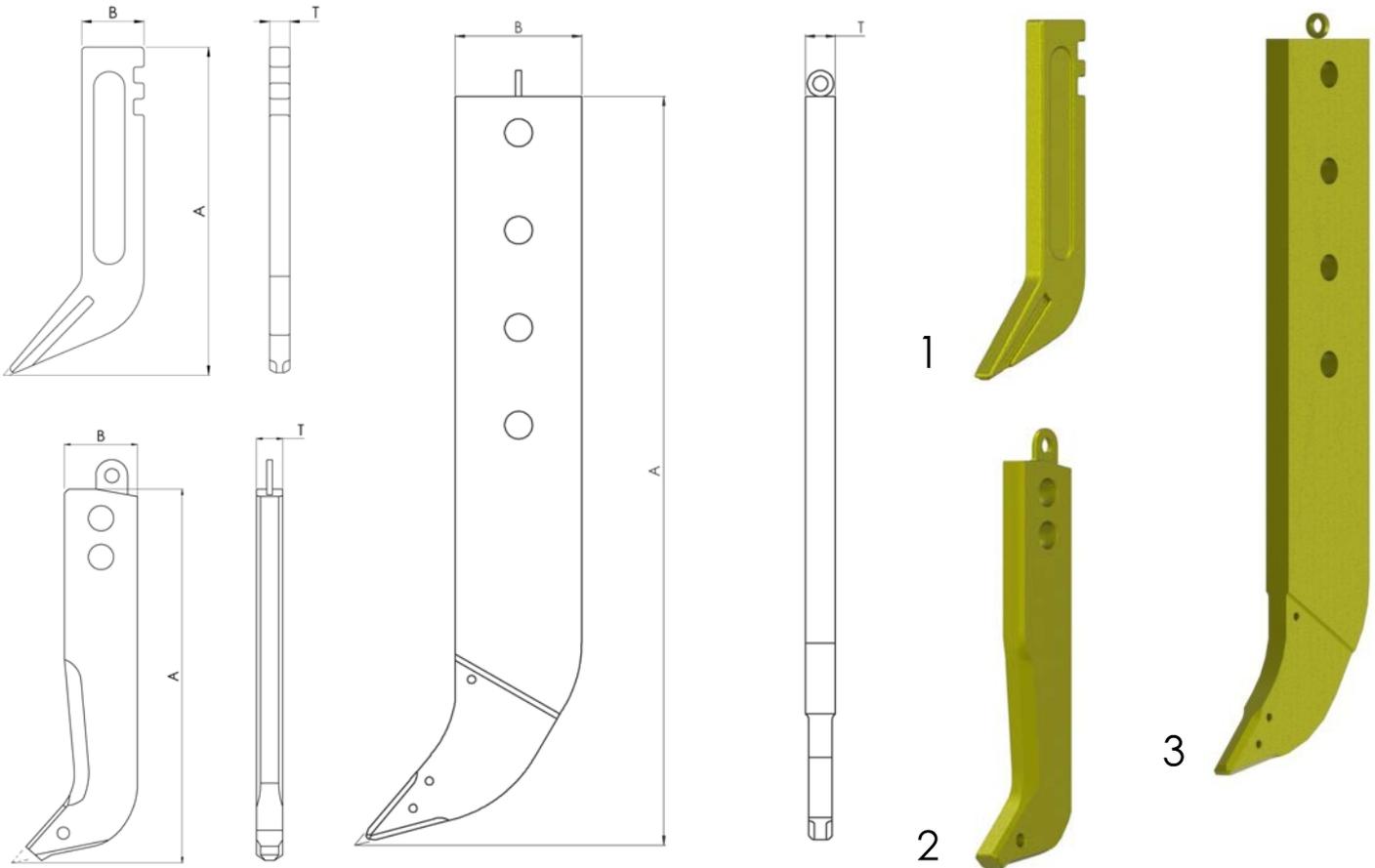


N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ			PUNTA TIP SPITZEN POINTE ИСПОЛЬЗУЕМЫЙ НАКОНЕЧИК	PROTETTORE PROTECTOR SCHUTZ PROTECTEUR ПРОТЕКТОР	PORTAPUNTA ADAPTER HALTER ADAPTEUR АДАПТЕР РЫХЛИТЕЛЯ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	T (mm)				
175-79-32131	* 3	475	2022	360	90	175-78-31232 175-78-31293 175-78-34131	195-78-21320 195-78-21580	175-78-21693	D155A-2 D155A / AX-3 D155AX-5
175-79-32151	* 3	500	2572	360	90	175-78-31232 175-78-31293 175-78-34131	195-78-21320 195-78-21580	175-78-21693	D155A-2 D155A / AX-3 D155AX-5
195-78-41191	* 3	467	1843	360	90	195-78-21331 195-78-21331L 195-78-29130	17M-78-21330 195-78-21320 195-78-21580	195-78-14350	D275A-2 D355A-3
195-79-31141LH90	3	565,0	2188	400	90	195-78-21331 195-78-21331L 195-78-29130	17M-78-21330 195-78-21320 195-78-21580	195-78-14350	D275A-2 D355A-3
195-79-31141	3	594,5	2188	400	95	195-78-21331 195-78-21331L 195-78-29130	17M-78-21330 195-78-21320 195-78-21580	195-78-14350	D275A-2 D355A-3

* to be made according to a specific request

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- Shank per ripper
- Shank for ripper
- Shank für ripper
- Shank pour ripper
- Стойка рыхлителя

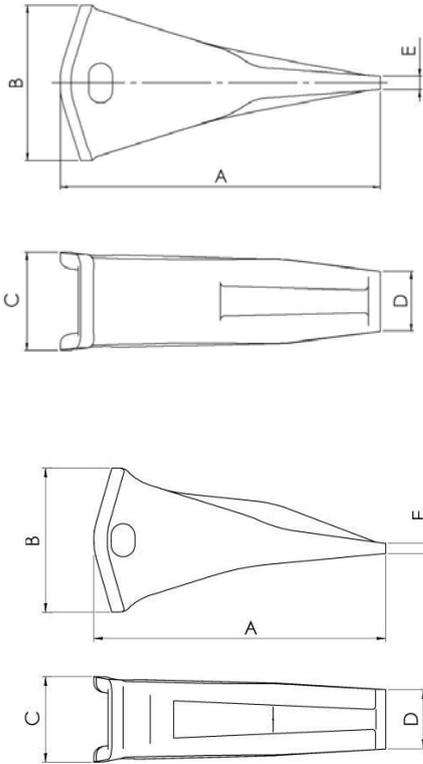
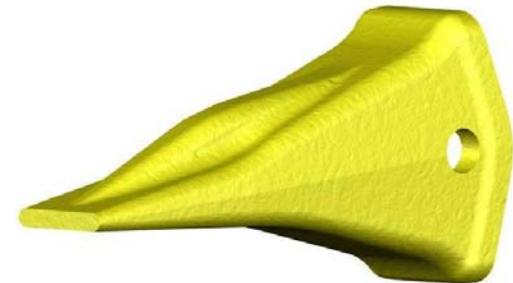


N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ			PUNTA TIP SPITZEN POINTE ИСПОЛЬЗУЕМЫЙ НАКОНЕЧНИК	PROTETTORE PROTECTOR SCHUTZ PROTECTEUR ПРОТЕКТОР	PORTAPUNTA ADAPTER HALTER ADAPTEUR АДАПТЕР РЫХЛИТЕЛЯ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	T (mm)				
195-78-71120	* 3	420	1902	360	90	195-78-71320 195-78-71320SV 195-78-71340 195-78-71390 195-78-71320	195-78-71111 195-78-72410	195-78-71380	D375A-2 D375A-3
195-79-51151	3	600	2232	400	95	195-78-71320SV 195-78-71340 195-78-71390	195-78-71111 195-78-72410	195-78-71380	D375A-2 D375A-3
198-79-21320	3	1007	2724	460	115	198-78-21340	198-78-21330 198-78-21390	198-78-21430	D475A-2 D475A-3/SD

* to be made according to a specific request

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- Punta per ripper
- Ripper tips
- Ripper-Spitzen
- Pointes pour ripper
- Наконечники рыхлителя (коронки рыхлителя)

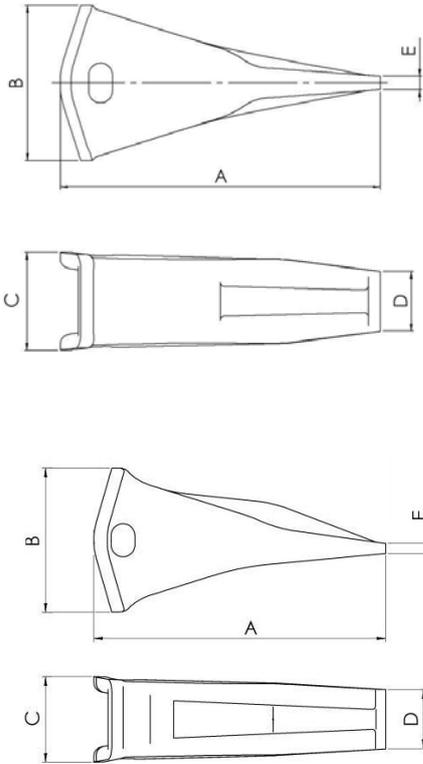
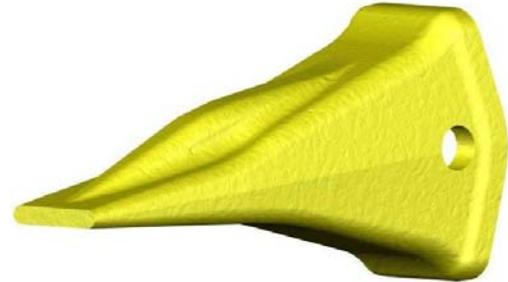

1

2

NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	PARTIC. ИТЕМ TYP DETAIL ТИП	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PERNO PIN KEIL AXE ПАЛЕЦ	MODELLO MODELL MODELE МОДЕЛЬ МАШИНЫ	FORMA SHAPE GESTALT FORME ФОРМА
				A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
KM45	2	131-78-31190 *	9,1	262	161	90	80	5	KM17	D40, D41, D50 D53, D57, D66	STD
KM53	2	141-78-11253	12	278	161	128	100	10	KM222	D60, D65, D75, D85	STD
KM54	2	141-78-11254 *	11,6	342	161	128	80	3	KM222	D60, D65, D75, D85	LONG
KM55	2	141-78-11330 *	9,3	220	159	124,5	84	3	KM222	D60, D65, D75, D85	SHORT
KM64	1	175-78-31230 *	14	335	165	125	75	15	KM222	D85, D135, D155	STD
KM65	1	175-78-31232	14,5	327	165	125	79,7	14,5	KM222	D85, D135, D155	SHORT
KM66	1	175-78-31293	15,6	380	165	125	81,5	16,5	KM222	D85, D135, D155	LONG
KM67	2	175-78-34131 *	16,7	379	165	118	90	16	KM222	D85, D135, D155	LONG
KM68	2	175-78-34141 *	16,7	379	165	118	90	16	KM222	D85, D135, D155	LONG
KM74	1	195-78-21331 *	16,3	385	195	123	75	17	KM222	D275, D355	STD
KM74L	1	195-78-21331L	16,4	400	195	123	75	17	KM222	D275, D355	LONG

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- Punta per ripper
- Ripper tips
- Ripper-Spitzen
- Pointes pour ripper
- Наконечники рыхлителя (коронки рыхлителя)

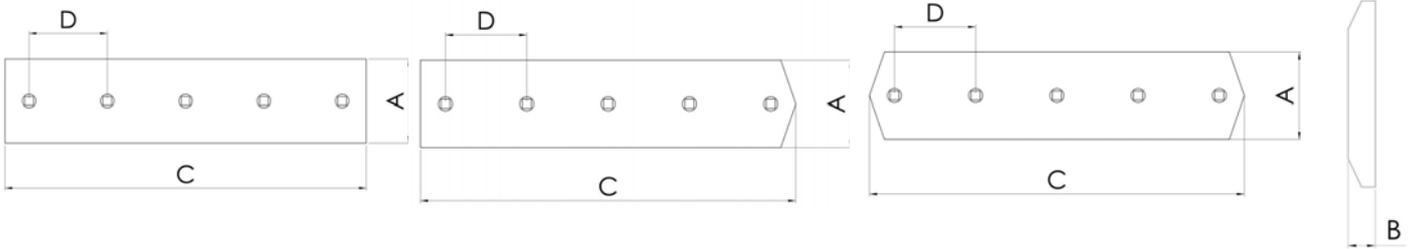

1

2

NS. RIF. OUR REF. U/REF. NOTRE REF. НОМЕР ИР	PARTIC. ИТЕМ TYP DETAIL ТИП	N. ORIGINALE ORIGINAL PIN ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					PERNO PIN KEIL AXE ПАЛЕЦ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	FORMA SHAPE GESTALT FORME ФОРМА
				A (mm)	B (mm)	C (mm)	D (mm)	E (mm)			
KM75	1	195-78-21333 *	18,5	370	195	125	80	15	KM222	D275, D355	SHORT
KM76	2	195-78-29130 *	21	420	195	123	92	15	KM222	D275, D355	LONG
KM77	2	195-78-29140 *	21	420	195	123	92	15	KM222	D275, D355	LONG
KM84/1	2	195-78-71320	24	440	218	130	90	15	KM223	D375	STD
KM84/1SV	1	195-78-71320SV	21,8	450	218	130	90	15	KM223	D375	STD
KM85	2	195-78-71330 *	26,6	450	215,3	130	50	15	KM223	D375	SHORT
KM86	2	195-78-71340 *	27,8	487	211,3	116	90	10	KM223	D375	LONG
KM87	2	195-78-71350 *	27,8	487	211,3	116	90	10	KM223	D375	LONG
KM94/1	2	198-78-21340	36,8	490	245	160	95	16	KM224	D475	SHORT
KM94/1SV	1	198-78-21340SV *	35	490	245	160	95	16	KM224	D475	SHORT
KM95	2	198-78-21420 *	35,5	420	245	160	95	18	KM224	D475	SHORT

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- Taglienti per dozer
- Cutting edges for bulldozers
- Dozer-Messer
- Lame pour dozer
- Режущие кромки для бульдозеров

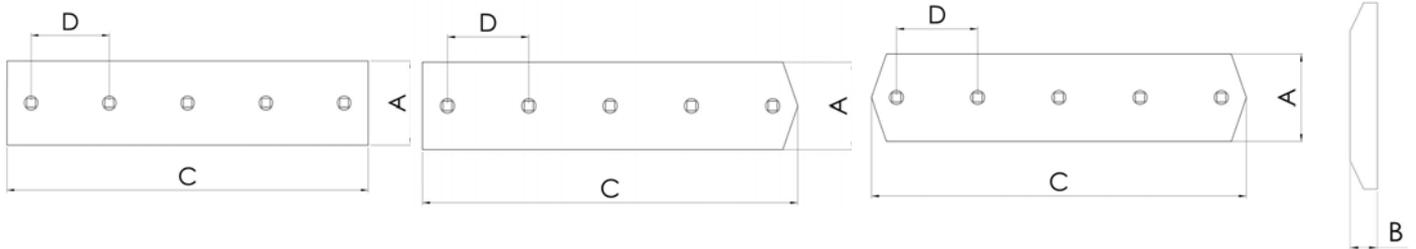


N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
		A (mm)	B (mm)	C (mm)	D (")	Ø Bolt (")		
104-72-21140	26,8	152	16	1540	6	1/2	10	D20A, D21A, D20P, D21P, D22A
104-Z40-1160	30,9	152	16	1776	6	1/2	12	
112-70-31110	36,6	160	16	2000	6	5/8	13	D30A, D30P, D30S, D31A, D31P, D31S
11G-71-21170	15,9	160	16	870	6	5/8	6	D31P, D40A
12F-70-11640	20,9	152	16	1198	6	5/8	8	D31, D40P, D41A, D41P, D45A
12F-70-31251	13,2	152	16	760	6	5/8	5	D31A, D31P, D40A, D40P, D60P
12F-70-31261	15,9	152	16	914	6	5/8	6	D31E, D31P, D37E, D37P, D40, D41A, D41P
12F-70-31281	21,2	152	16	1219	6	5/8	8	D31E, D31P, D37E, D37P, D40, D41A, D41E
12F-B74-3171	15,9	152	16	914	6	1/2	6	D20, D21, D31, D40
12Y-72-11220	28,9	203	19	762	6	3/4	5	
12Y-72-11230	34,7	203	19	914	6	3/4	6	
130-70-11145	23,4	160	16	1300	6	5/8	9	D50, D60
130-70-41130	37,7	203	19	1350	6	3/4	9	D50, D53, D58, D65
130-70-51130	39,8	203	19	1425	6	0,75	9	D50P, D65P
130-70-61170	43,4	203	19	1535	6	0,75	10	D50A-16, D53A-17, D58E-1
130-842-5120	29,8	203	19	1054	6	0,75	7	D50
130-920-2180	33,5	203	19	1199	6	0,75	8	D50, D53, D58, D65
130-Z20-1510	35,0	203	19	1255	6	0,75	8	D50, D53, D58
130-Z20-1610	24,8	203	19	890	6	3/4	6	D58
134-72-61410	37,6	203	19	1350	6	3/4	9	D61
134-72-61420	35,0	203	19	1255	6	3/4	8	D61
13F-Z27-1510	39,9	203	19	1430	6	3/4	10	D50, D53, D58
13G-71-61410	35,7	203	19	1285	6	3/4	9	
13G-72-61410	39,9	203	19	1430	6	3/4	10	D61
13G-72-61420	24,7	203	19	890	6	3/4	6	D61
13G-72-63250	21,3	203	19	765	6	3/4	5	
13G-72-63260	12,5	203	19	448	6	3/4	3	
140-70-11121	43,8	203	19	1549	6	3/4	10	D60

One end square type ; * Two end square type; § Offset bolt holes

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- Taglienti per dozer
- Cutting edges for bulldozers
- Dozer-Messer
- Lame pour dozer
- Режущие кромки для бульдозеров

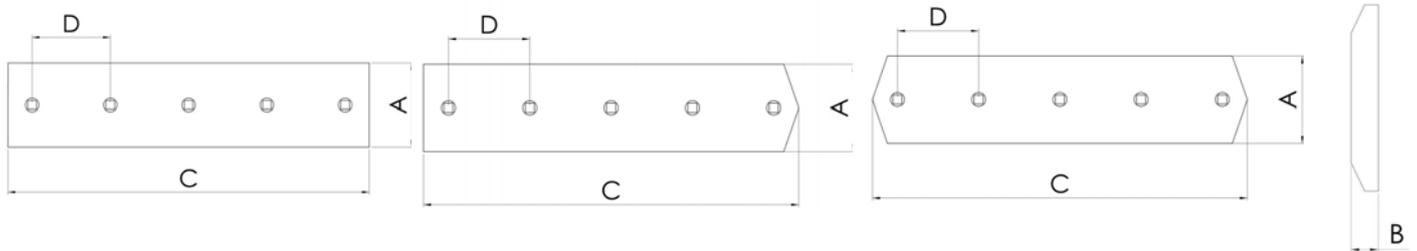


N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
		A (mm)	B (mm)	C (mm)	D (")	Ø Bolt (")		
144-70-11131	47,0	203	19	1660	6	3/4	11	D58, D60, D65, D65
144-871-5130	55,9	254	19	1595	6	3/4	11	D60, D65
144-871-5130HD25	73,0	254	25	1595	6	3/4	11	D60, D65
144-920-1120	38,6	203	19	1383	6	3/4	9	D60A, D65A-8
14X-71-11310	38,6	203	19	1383	6	3/4	9	D61, D65
14X-952-1130	# 35,4	203	19	1275	6	3/4	8	D60, D65
14Y-71-11210	46,1	203	19	1660	6	3/4	11	D65
150-70-21311	69,2	254	25	1473	6	3/4	10	D80
150-70-21312	78,2	254	25	1664	6	3/4	11	D80
150-70-21314	78,2	254	25	1664	6	3/4	11	D80
154-70-11313LD19	40,7	254	19	1157	6	3/4	8	D60, D65, D80, D85
154-70-11313	54,9	254	25	1157	6	3/4	8	D60, D65, D80, D85
154-70-11313HD32	68,4	254	32	1157	6	3/4	8	D60, D65, D80, D85
154-70-11314LD19	40,7	254	19	1157	6	0,75	8	D60, D65, D80, D85
154-70-11314	54,9	254	25	1157	6	0,75	8	D60, D65, D80, D85
154-70-11314HD32	68,4	254	32	1157	6	0,75	8	D60, D65, D80, D85
154-70-16591						0,75		D85A, D85E-2
154-71-43190	# 39,4	254	25	849	6	0,75	6	D85
154-72-11121	65,1	254	25	1385	6	3/4	9	D80
154-72-11121HD32	83,5	254	32	1385	6	3/4	9	D80
154-72-11122	* 66,4	254	25	1387	6	3/4	9	D85A, D85E-2
154-72-11150	43,0	254	25	908	6	3/4	6	D85
154-72-11151	43,2	254	25	910	6	3/4	6	D85A, D85E-2
154-72-11151	43,0	254	25	908	6	3/4	6	D85
154-81-11190	39,7	254	25	838	6	3/4	6	D85
154-81-11191	39,6	254	25	838	6	3/4	6	D80A, D85A, D85E-2, D85P-21
154-81-11191	39,7	254	25	838	6	3/4	6	D85
175-70-21112	93,0	254	25	1978	6	7/8	13	D150, D155

One end square type ; * Two end square type; § Offset bolt holes

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- Taglienti per dozer
- Cutting edges for bulldozers
- Dozer-Messer
- Lame pour dozer
- Режущие кромки для бульдозеров

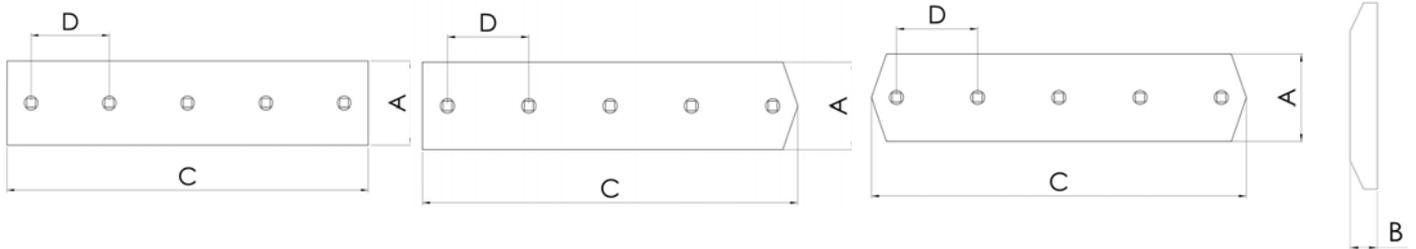


N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
		A (mm)	B (mm)	C (mm)	D (")	Ø Bolt (")		
175-70-21112HD32	117,6	254	32	1978	6	7/8	13	D150, D155
175-70-21113	93,0	254	25	1978	6	7/8	13	D150, D155
175-70-21113HD32	117,6	254	32	1978	6	7/8	13	D150, D155
175-70-21114	93,0	254	25	1978	6	7/8	13	D150, D155
175-70-21114HD32	117,6	254	32	1978	6	7/8	13	D150, D155
175-70-21115	66,0	254	25	1397	6	7/8	9	D135, D155
175-70-21115HD32	84,5	254	32	1397	6	7/8	9	D135, D155
175-70-26310	50,2	254	25	1064	6	7/8	7	D135, D150, D155
175-70-26310	64,3	254	32	1064	6	7/8	7	D135, D150, D155
175-71-11240	# 71,0	254	25	1509	6	7/8	10	D150, D155
175-71-11240HD32	# 90,9	254	32	1509	6	7/8	10	D150, D155
175-71-11241	# 71,0	254	25	1509	6	7/8	10	D150, D155
175-71-11241HD32	# 90,9	254	32	1509	6	7/8	10	D150, D155
175-71-11242	# 71,0	254	25	1509	6	7/8	10	D150, D155
175-71-11242HD32	# 90,9	254	32	1509	6	7/8	10	D150, D155
175-72-21123	# 42,1	254	25	902	6	7/8	6	D135, D150, D155
175-72-21125	# 42,1	254	25	902	6	7/8	6	D135, D150, D155
175-901-1130	72,5	254	25	1508	6	3/4	10	D125
17A-71-11351	# 57,7	330	32	761	6	1	5	D155
17A-71-45210	82,5	330	32	1064	6	1	7	
17A-72-12221	68,1	330	32	896	6	1	6	D155
17M-71-21550	# 82,5	330	32	1088	6	1	7	D275A-2
17M-71-21550HD41	# 106,5	330	41	1088	6	1	7	D275A-2
17M-71-48210	155,8	406	41	1206	6	1 1/4	8	D275
17M-72-21160	# 59,2	330	32	781	6	1	5	D275A-2
195-70-12492	102,7	330	32	1327	6	1	9	D155, D355, D375
195-70-12492HD41	133,1	330	41	1327	6	1	9	D155, D355, D375
195-71-11653	# 107,2	305	32	1536	6	1	10	D355

One end square type ; * Two end square type; § Offset bolt holes

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- Taglienti per dozer
- Cutting edges for bulldozers
- Dozer-Messer
- Lame pour dozer
- Режущие кромки для бульдозеров

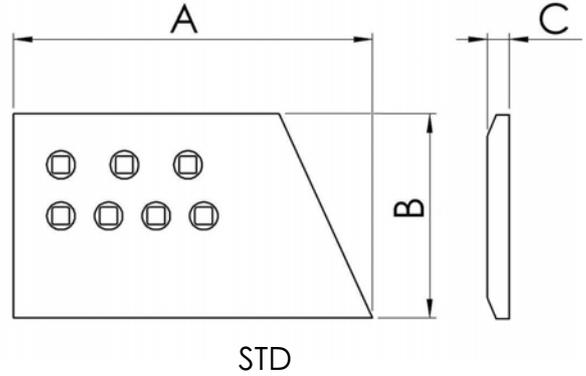
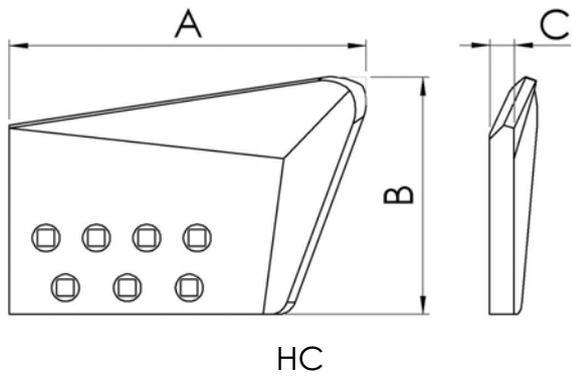


N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ					N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
		A (mm)	B (mm)	C (mm)	D (")	Ø Bolt (")		
195-71-11654	82,5	330	32	1064	6	1	7	D275, D355, D375
195-71-11654	106,5	330	41	1064	6	1	7	D275, D355, D375
195-71-51120	# 54,1	330	32	714	6	1	5	D355, D375
195-71-51660	# 54,1	330	32	714	6	1	5	D355, D375
195-71-61550	108,0	406	41	887	6	1 1/4	6	D375
195-72-11143	192,1	406	32	1975	6	1	13	
195-72-11144	66,9	330	32	880	6	1	6	D355
195-72-11153	74,0	305	32	1013	6	1	7	
198-71-11181	145,1	406	41	1192	6	1 1/4	8	D375, D455
198-71-31540	# 108,0	406	45	861	6	1 1/4	5	D475
198-71-31550	154,0	406	45	1192	6	1 1/4	8	D475
198-71-62540	# 154,0	406	60	855	6		5	D475
198-72-11181	# 102,2	406	41	861	6	1 1/4	5	D375, 455

One end square type ; * Two end square type; § Offset bolt holes

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- Angolari per dozer
- End bits for bulldozers
- Dozer-Ecken
- Coins pour dozer
- Угловые ножи для бульдозеров



N. ORIGINALE (D-S) ORIGINAL P/N (R-L) ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ИТЕМ ТИП DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	RH-LH DX-RX
			A (mm)	B (mm)	C (mm)	Ø Bolt (")			
112-70-31120	STD	6,5	370	160	16	5/8	4	D30A-15, D30P-15	LH
112-70-31130	STD	6,5	370	160	16	5/8	4	D30A-15, D30P-15	RH
112-817-1110	STD	6,9	375	160	16	5/8	4		
112-946-1510	STD	7,2	355	150	16	5/8	4	D31E, D31A, D31P, D37E, D37P, D40P, D40F	
112-946-1510HD20	STD	9	355	150	20	5/8	4	D31E, D31A, D31P, D37E, D37P, D40P, D40F	
11G-71-31170	STD	7,1	380	160	16	5/8	4	D31P-17, D31P-18, D31P-20, D37P-5, D41E-6, D41P-6	
120-70-31411	STD	11	375	203	25	5/8	4	D40A-3, D40E-3, D41E-3	
120-Y46-5162	HC	10,3	430	180	20	5/8	4	D40A-3, D41A-3	LH
120-Y46-5172	HC	10,3	430	180	20	5/8	4	D40A-3, D41A-3	RH
124-70-21330	HC	9,8	374	190	20	5/8	5	D45A-1, D40A-1, D45E1	LH
124-70-21340	HC	9,8	374	190	20	5/8	5	D45A-1, D40A-1, D45E1	RH
12F-929-2170	STD	5,8	315	160	16		4	D20A-7, D20P-7, D21A-7, D21P-7	
12Y-72-11210	STD	10,3	381	203	20	3/4	4		
13F-A70-1570	STD	6	300	160	16	5/8	5	D50, D60	LH
13F-A70-1580	STD	6	300	160	16	5/8	5	D50, D60	RH
13F-Z27-1571	STD	13,4	326	230	25	3/4	5	D53P-17, D58P-1, D60P-8, D65P-8	LH
13F-Z27-1572	STD	12,6	325	204	25	3/4	5	D50P-17, D53P-17, D58P-1, D65P-12, D65PX-12	RH
13F-Z27-1581	STD	13,4	326	230	25	3/4	5	D53P-17, D58P-1, D60P-8, D65P-8	RH
13F-Z27-1582	STD	12,6	325	204	25	3/4	5	D50P-17, D53P-17, D58P-1, D65P-12, D65PX-12	LH
140-70-11130	HC	9,6	375	185	20	5/8	5	D60A, D60E-3	LH
140-70-11131	HC	15,1	359	254	25	3/4	5	D50A-15, D50P-15, D50S-15, D53A-15, D60P-3, D60A-7, D60P-7, D65A-7	LH
140-70-11140	HC	9,6	375	185	20	5/8	5	D60A, D60E-3	RH

EWL: Extended Wear Life type, with additional wear material; STD: Standard type for finish and semi-finish dozing

GD: General Duty type to most dozing applications

HC: Hot Cupped type for abrasion duty applications

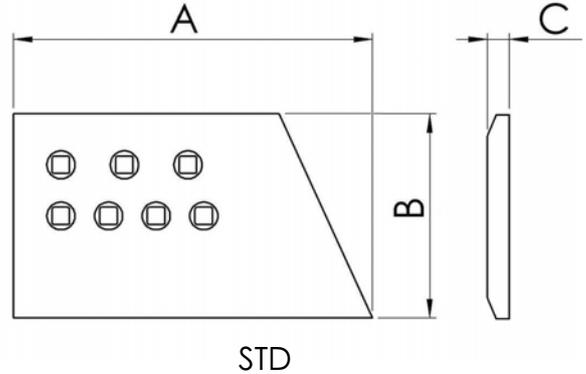
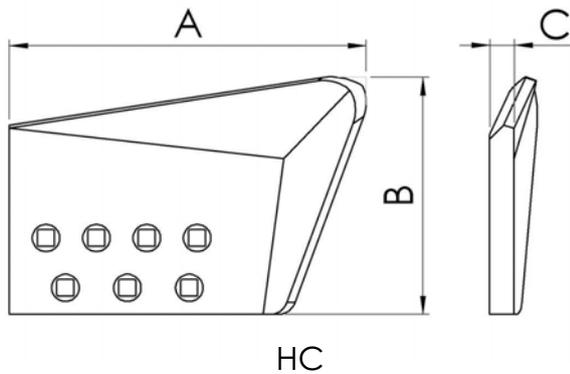
UT: Utility type (have a flat plate design)

FG: Forged type for impact duty applications

Our production consists of HC and STD types for all items indicated

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- Angolari per dozer
- End bits for bulldozers
- Dozer-Ecken
- Coins pour dozer
- Угловые ножи для бульдозеров



N. ORIGINALE (D-S) ORIGINAL P/N (R-L) ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ИТЕМ ТИП DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	RH-LH DX-RX
			A (mm)	B (mm)	C (mm)	Ø Bolt (")			
140-70-11141	HC	15,1	359	254	25	3/4	5	D50A-15, D50P-15, D50S-15, D53A-15, D60P-3, D60A-7, D60P-7, D65A-7	RH
140-70-11170	HC	15,1	359	254	25	3/4	5	D50A-15, D50P-15, D50S-15, D53A-15, D60P-3, D60A-7, D60P-7, D65A-7	LH
140-70-11170 RF	STD	18,2	356	225	30	3/4	5	D50A-15, D50P-15, D50S-15, D53A-15, D60P-3, D60A-7, D60P-7, D65A-7	LH
140-70-11180	HC	15,1	359	254	25	3/4	5	D50A-15, D50P-15, D50S-15, D53A-15, D60P-3, D60A-7, D60P-7, D65A-7	RH
140-70-11180 RF	STD	18,2	356	225	30	3/4	5	D50A-15, D50P-15, D50S-15, D53A-15, D60P-3, D60A-7, D60P-7, D65A-7	RH
144-70-11180	HC	13,9	330	260	25	3/4	5	D50A-17, D53A-17, D58E-1	LH
144-70-11190	HC	13,9	330	260	25	3/4	5	D50A-17, D53A-17, D58E-1	RH
144-70-11250	HC	15,1	359	254	25	3/4	5	D50A-15, D50P-15, D50S-15, D53A-15, D60P-3, D60A-7, D60P-7, D65A-7	LH
144-70-11251	HC	15,2	325	237	30	3/4	5	D65E-12, D65EX-12, D75A-1	LH
144-70-11260	HC	15,1	359	254	25	3/4	5	D50A-15, D50P-15, D50S-15, D53A-15, D60P-3, D60A-7, D60P-7, D65A-7	RH
144-70-11261	HC	15,2	325	237	30	3/4	5	D65E-12, D65EX-12, D75A-1	RH
144-952-1120	HC	14,5	388	255	25	3/4	5	D60E-8, D65E-8	LH
144-952-1130	HC	14,5	388	255	25	3/4	5	D60E-8, D65E-8	RH
150-70-21343	HC	24,9	435	292	30	3/4	6	D60, D65, D80, D85	RH
150-70-21344	HC	24,9	435	292	30	3/4	6	D60, D65, D80, D85	RH
150-70-21345	HC	24,9	435	292	30	3/4	6	D60, D65, D80, D85	RH
150-70-21346	HC	24,9	435	292	30	3/4	6	D60, D65, D80, D85	RH
150-70-21353	HC	24,9	435	292	30	3/4	6	D60, D65, D80, D85	LH
150-70-21354	HC	24,9	435	292	30	3/4	6	D60, D65, D80, D85	LH
150-70-21355	HC	24,9	435	292	30	3/4	6	D60, D65, D80, D85	LH
150-70-21356	HC	24,9	435	292	30	3/4	6	D60, D65, D80, D85	LH
154-926-1120	STD	25	445	254	30	3/4	6	D85P-21	LH

EWL: Extended Wear Life type, with additional wear material; STD: Standard type for finish and semi-finish dozing

GD: General Duty type to most dozing applications

HC: Hot Cupped type for abrasion duty applications

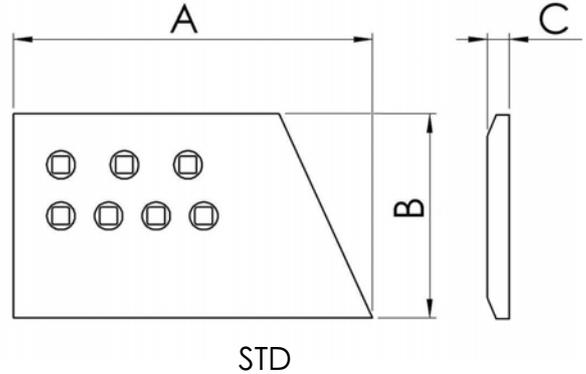
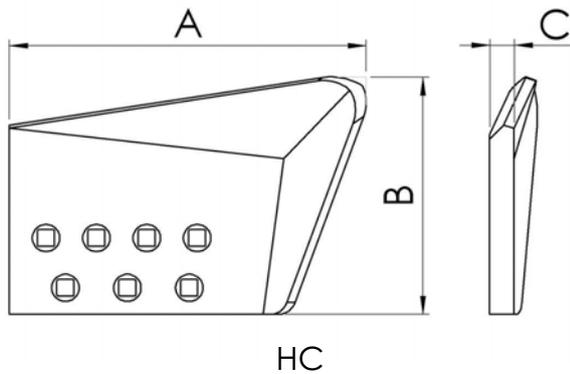
UT: Utility type (have a flat plate design)

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N. ORIGINALE (D-S) ORIGINAL P/N (R-L) ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ИТЕМ ТИП DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	RH-LH DX-RX
			A (mm)	B (mm)	C (mm)	Ø Bolt (")			
154-926-1130	STD	25	445	254	30	3/4	6	D85P-21	RH
175-70-21123	HC	27,2	401	280	38	7/8	7	D150A-1, D155A-1	LH
175-70-21125	HC	27,2	401	280	38	7/8	7	D150A-1, D155A-1	LH
175-70-21126	HC	35,3	492	315	38	7/8	7	D135A-2, D155A-2, D155A-1, D150A-1	LH
175-70-21133	HC	27,2	401	280	38	7/8	7	D150A-1, D155A-1	RH
175-70-21135	HC	27,2	401	280	38	7/8	7	D150A-1, D155A-1	RH
175-70-21136	HC	35,3	492	315	38	7/8	7	D135A-2, D155A-2, D155A-1, D150A-1	RH
175-71-11170	HC	45,6	630	315	38	7/8	7	D155, D150	LH
175-71-11172	HC	45,6	630	315	38	7/8	7	D155, D150	LH
175-71-11180	HC	45,6	630	315	38	7/8	7	D155, D150	RH
175-71-11182	HC	45,6	630	315	38	7/8	7	D155, D150	RH
175-71-22271	HC	45,6	630	315	38	7/8	7	D155, D150	LH
175-71-22272	HC	37,1	540	315	38	7/8	7	D61EX-12, D65E-12, D65EX-12, D135A-2, D155A-2	LH
175-71-22281	HC	45,6	630	315	38	7/8	7	D155, D150	RH
175-71-22282	HC	37,1	540	315	38	7/8	7	D61EX-12, D65E-12, D65EX-12, D135A-2, D155A-2	RH
175-72-22241	HC	45	603	315	38	7/8	7	D155, D150	LH
175-72-22251	HC	45	603	315	38	7/8	7	D155, D150	RH
17A-71-45712	HC	51,8	640	300	40	1	7	D155AX-6	LH
17A-71-45722	HC	51,8	640	300	40	1	7	D155AX-6	RH
17A-71-46611	HC	51,8	640	300	40	1	7	D155AX-6	LH
17A-71-46621	HC	51,8	640	300	40	1	7	D155AX-6	RH
17M-71-21930	HC	67,8	698	387	40	1	7	D155A-3, D155AX-3, D155AX-5, D275A-2	LH

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GD: General Duty type to most dozing applications

HC: Hot Cupped type for abrasion duty applications

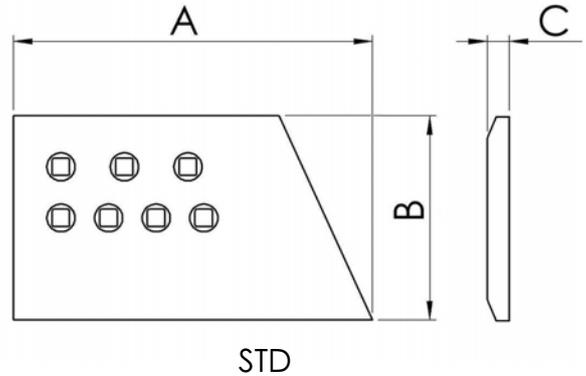
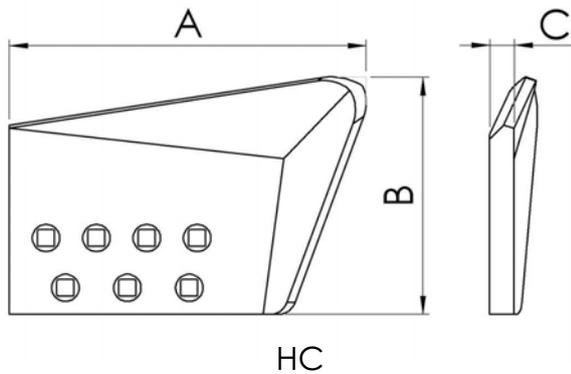
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- End bits for bulldozers
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- Угловые ножи для бульдозеров



N. ORIGINALE (D-S) ORIGINAL P/N (R-L) ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ИТЕМ ТУП DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ	RH-LH DX-RX
			A (mm)	B (mm)	C (mm)	Ø Bolt (")			
17M-71-21940	HC	67,8	698	387	40	1	7	D155A-3, D155AX-3, D155AX-5, D275A-2	RH
195-70-12610	HC	60	622	400	40	1	7	D375A-1, D355A-3, D355A-1	LH
195-70-12620	HC	60	622	400	40	1	7	D375A-1, D355A-3, D355A-1	RH
195-71-11173	HC	62,6	680	400	40	1	7	D355A-3, D355A-1	LH
195-71-11183	HC	62,6	680	400	40	1	7	D355A-3, D355A-1	RH
195-71-21350	HC	67	732	387	40	1	7	D355	LH
195-71-21360	HC	67	732	387	40	1	7	D355	RH
195-71-61930	HC	109,3	780	500	50	1 1/4	8	D375A-2, D375A-3	LH
195-71-61930HD60	HC	131,6	780	500	60	1 1/4	8	D375A-2, D375A-3	LH
195-71-61940	HC	109,3	780	500	50	1 1/4	8	D375A-2, D375A-3	RH
195-71-61940HD60	HC	131,6	780	500	60	1 1/4	8	D375A-2, D375A-3	RH
195-71-62310	HC	90	674	393	50	1 1/4	8	D375	LH
195-71-62320	HC	90	674	393	50	1 1/4	8	D375	RH
198-71-31520	HC	130	720	510	60	1 1/4	8	D475A-2, D475A-3	LH
198-71-31520HD75	HC	157,6	720	510	75	1 1/4	8	D475A-2, D475A-3	LH
198-71-31530	HC	130	720	510	60	1 1/4	8	D475A-2, D475A-3	RH
198-71-31530HD75	HC	157,6	720	510	75	1 1/4	8	D475A-2, D475A-3	RH

EWL: Extended Wear Life type, with additional wear material; STD: Standard type for finish and semi-finish dozing

GD: General Duty type to most dozing applications

HC: Hot Cupped type for abrasion duty applications

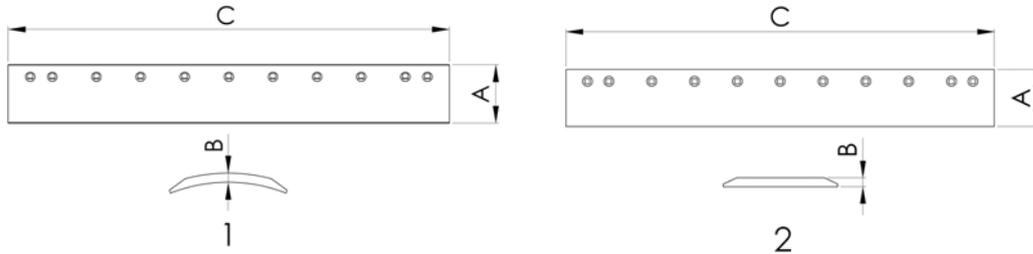
UT: Utility type (have a flat plate design)

FG: Forged type for impact duty applications

Our production consists of HC and STD types for all items indicated

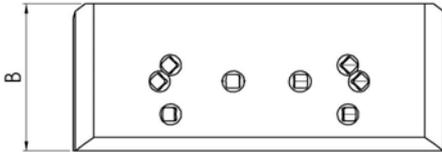
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All manufacturers' name, numbers, symbols and descriptions are used for reference purpose only, and it is not implied that any part listed is the product of these manufacturers.

- Taglienti per grader al boro
- Boron Cutting edges for graders
- Grader-Messer in Bor-Stahl
- Lames pour niveleuse au bor
- Режущие кромки для грейдеров

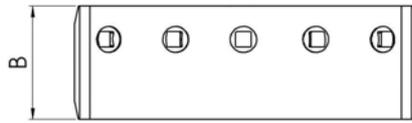


N. ORIGINALE (D-S) ORIGINAL P/N (R-L) ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ИТЕМ ТИП DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	C (mm)	Ø Bolt (")		
232-70-12140	1	23,8	152	13	1828	5/8	8	GD310RC-3A, GD500R-1
232-70-12142	1	23,8	152	13	1828	5/8	8	GD310RC-3A, GD500R-1
232-70-12143	1	29,8	152	16	1828	5/8	13	GD511, GD521, GD523, GD525, GD505, GD623, GD625, GD605, GD37, GD40, GD655, GD611, GD621
232-70-52850	1	51,4	203	19	1828	5/8	13	
233-70-12141	1	19,8	152	13	1524	5/8	7	GD30-5M, GD28AC-1, GD300A-1, GD405A-1, GD31RC-3A, GD313
234-70-12192	1	27,8	152	13	2133	5/8	9	
234-70-12193	1	34,2	152	16	2133	5/8	15	GD705R-2, GD40HT-2, GD521, GD523, GD525, GD611, GD621, GD623, GD625
234-70-12550	1	52	203	16	2133	3/4	9	GD705A-4
234-70-12670	1	60	203	19	2133	5/8	15	
234-70-12710	1	49,4	203	16	2133	3/4	15	GD705, GD725A-1
235-70-12140	1	68,6	203	19	2438	3/4	17	GD825A-1
235-70-12320	2	116,5	254	25	2438	3/4	17	GD825A-1
235-70-12320HD32	2	146,9	254	32	2438	3/4	17	GD825A-1
237-70-12121	1	19	152	13	1400	5/8	9	
238-70-12220	1	24,5	152	16	1523	5/8	11	GD28AC-1, GD300A-1, GD505

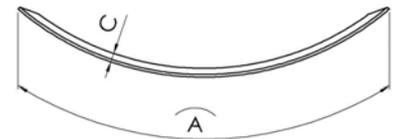
- Angolari per grader
- End bits for graders
- Grader-Ecken
- Coins pour niveleuse
- Угловые ножи для грейдеров



1

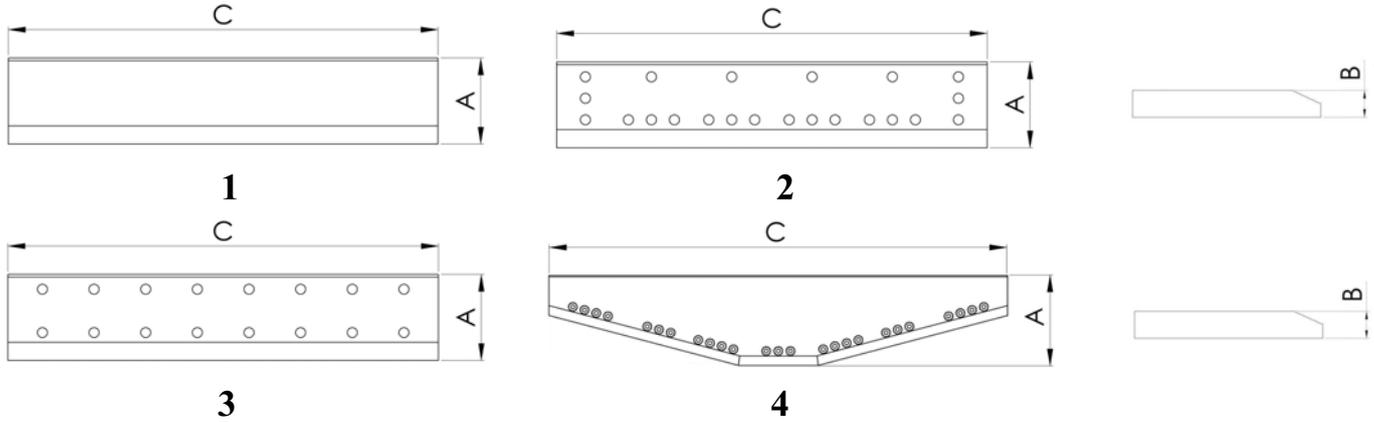


2



N. ORIGINALE (D-S) ORIGINAL P/N (R-L) ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ИТЕМ ТИП DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	C (mm)	Ø Bolt (")		
232-70-12130	2	7,7	476	152	16	5/8	5	GD37, GD310RC-3A, GD500R-1
232-70-12150	1	8,3	430	229	13	5/8	5	GD28AC-1, GD300A-1, GD31RC-3A, GD37
232-70-12160	1	8,3	430	229	13	5/8	5	GD28AC-1, GD300A-1, GD31RC-3A, GD37
232-70-52180	2	7,7	482	152	16	5/8	5	GD625A-1, GD600R-3, GD621, GD623, GD625
232-70-52190	1	10	495	229	13	5/8	6	GD510, GD511, GD521, GD523, GD525, GD611, GD621, GD623, GD625, GD661
232-70-52191	1	12,5	615	229	13	5/8	7	GD405A-1, GD505A-2, GD505R-2
232-70-52980	1	12,5	601	229	13	5/8	6	GD600, GD605
233-70-12150	2	7,5	462	152	16	5/8	4	GD31RC-3A
233-70-12160	2	7,5	462	152	16	5/8	4	GD31RC-3A
234-70-12212	2	6,7	690	120	13	5/8	6	GD40
234-70-12213	2	9,7	565	150	16	5/8	5	GD825A-1
234-70-12214	2	9,2	565	152	16	5/8	5	GD40HT-2, GD705R-2
234-70-12232	1	13,3	568	280	13	5/8	6	GD40
234-70-12233	1	11	538	229	13	5/8	6	GD705R-2
234-70-12242	1	13,3	568	280	13	5/8	6	GD40
234-70-12650	1	13,1	640	229	13	5/8	6	GD650, GD655, GD705
234-70-32230	2	13,8	512	203	19	3/4	6	GD705, GD725, GD805, GD825
234-70-32240	1	15,5	621	280	13	3/4	6	GD705, GD725, GD825
237-70-22150	1	115	570	229	13	5/8	7	GD461
237-870-1130	2	6,9	427	152	16	5/8	4	GD28
23B-70-31271	2	7,5	456	152	16	5/8	4	
23D-70-11360	1	11,2	570	229	13	5/8	4	GD40
23F-70-11120	1	10,6	507	229	13	5/8	6	

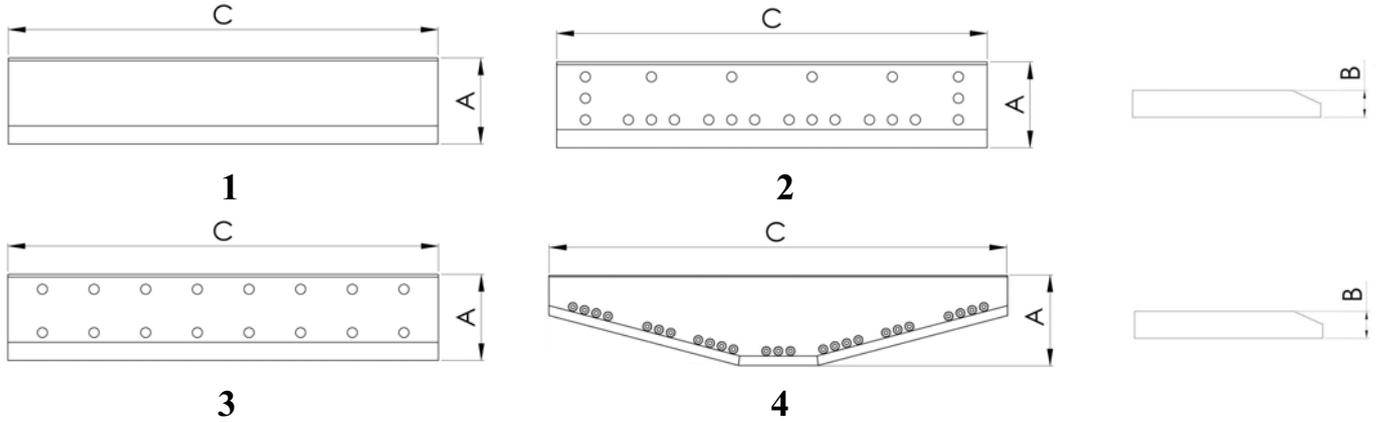
- Lame per pala caricatrice
- Cutting edges for loaders
- Messer für Ladeschaufeln
- Lames pour pelles chargeuses
- Режущие кромки для погрузчиков



N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - PAЗMEPЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	N. DENTI TEETH ZHANE DENTS КОЛ-ВО ЗУБЬЕВ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	C (mm)	Ø Bolt (")			
419-70-H2C90	3	137,5	250	30	2490	7/8	12		
419-70-H2D00	1	138	250	30	2490				
419-70-H2D10	3	149,2	250	30	2740	7/8	14	WA320	
419-70-H2D20	1	152,5	250	30	2740			WA320	
421-70-H2T80	3	276,8	300	40	3160	7/8	13		
421-70-H2T90	1	281	300	40	3160				
421-70-H2U00	3	261,7	300	40	2990	7/8	12	WA470	
421-70-H2U10	1	263,1	300	40	2990			WA470	
423-71-H2170	3	158,9	250	30	2916	7/8	12		
423-71-H2180	1	159,6	250	30	2916				
424-70-H2D90	3	231	300	35	2990	7/8	12		
424-70-H2E00	1	232	300	35	2990				
42Y-70-H2C90	3	138,3	250	30	2540	7/8	12		
42Y-70-H2M80	1	141,4	250	30	2540				
416-70-H2300	3	86,2	200	25	2395	7/8	12		
417-72-H2210	3	103,6	225	25	2540	7/8	12		
421-70-H2P40	1	263,1	300	40	2990			WA470	
421-70-H2R31	3	261,2	300	40	2990	7/8	12	WA470	
421-70-H2S31	3	276,8	300	40	3160	7/8	13	WA470	
423-70-H2C70	1	226	300	35	2916			WA380	
42T-70-22B70	3	28,7	150	16	1660	5/8	7		
42U-70-22F10	1	32,5	150	16	1870				
42W-70-22B40	3	45,1	150	20	2050	5/8	7		
42U-70-22C40	3	40,6	150	20	1915	5/8	7		
421-70-H2T20	1	278	300	40	3160			WA470	
421-70-H2440	2	265	315	40	3000	7/8	16	8 WA470	

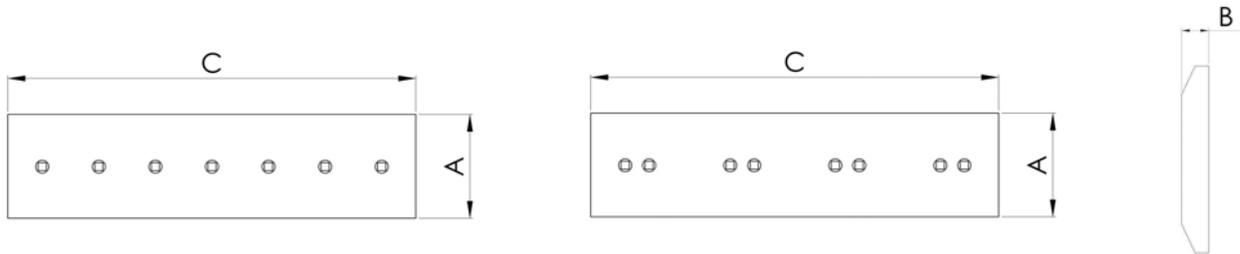
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- Lame per pala caricatrice
- Cutting edges for loaders
- Messer für Ladeschaufeln
- Lames pour pelles chargeuses
- Режущие кромки для погрузчиков



N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PARTIC. ITEM TYP DETAIL ТИП	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	N. DENTI TEETH ZHANE DENTS КОЛ-ВО ЗУБЬЕВ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
			A (mm)	B (mm)	C (mm)	Ø Bolt (")			
423-70-H2B91	3	224,6	300	35	2916	7/8	12	WA380	
423-70-H2C00	1	226	300	35	2916			WA380	
423-70-H2C60	3	226	300	35	2916	7/8	12	WA380	
423-70-H2620	1	229	315	35	2906			WA380	
424-70-H2C40	3	175	250	30	3190	7/8	14		
425-71-H2H90	4	468,7	550	40	3430	7/8	14		
425-71-H2200	3	303,3	300	40	3430	7/8	14		
425-72-H2B70	4	626,4	580	50	3460	7/8	14		
419-70-H2750	1	172	285	30	2740			WA320	
419-70-12221	2	128,4	225	28	2740	1	14	8 WA320	
421-70-12K20	2	149,5	225	36	2561	7/8	21	7 WA420, WA450	
425-70-12321	2	264	270	40	3400			8 WA500	

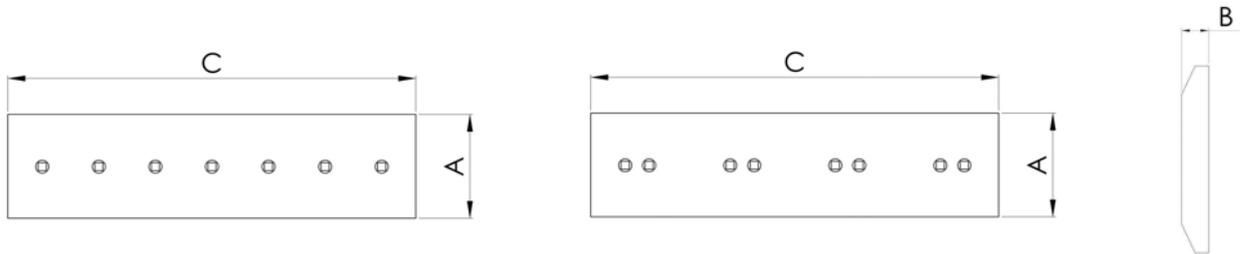
- Taglienti imbullonati per pale caricatori
- Bolt-on cutting edges for loaders
- Anschraub-Messer für Ladeschaufeln
- Lames boulonnées pour pelles chargeuses
- Грейдерные кромки



N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
		A (mm)	B (mm)	C (mm)	Ø Bolt (")		
415-815-1110	29,8	203	19	1054	5/8	5	WA70
415-815-1120	13	203	19	460	5/8	3	WA70
416-71-H2280	20,7	254	19	570	7/8	4	
416-71-H2290	46,7	254	19	1263	7/8	4	
416-815-1110	51,2	254	19	1461	3/4	4	WA100
416-815-1120	15,3	254	19	434	3/4	4	WA100
416-815-1210	60	254	25	1297	3/4	4	WA100
416-815-1310	49,8	230	22	1329	3/4	4	WA120, WA150
416-815-1320	19,6	230	22	526	3/4	2	WA120, WA150
417-70-B3160	26	254	25	545	7/8	2	WA200
417-70-B3170	68,5	254	25	1436	7/8	4	WA200
417-815-1110	52,6	254	19	1501	3/4	4	WA120, WA150
417-815-1210	64,9	254	25	1361	7/8	4	WA180, WA200
417-904-1120	46,1	203	19	1656	3/4	11	WA100
417-904-1130	21,4	203	19	770	3/4	5	WA100
418-815-1211	119,7	330	32	1495	1	4	WA250
418-904-1121	85,1	254	25	1876	7/8	12	WA200
418-904-1131	34,3	254	25	785	7/8	5	WA200
419-70-H2450	109	330	30	1563	3/4	4	WA320
419-70-H2C80	118,1	330	30	1608	7/8	4	WA320
419-70-H2D30	100	330	30	1358	7/8	4	WA320
419-72-H2A20	102,6	330	30	1398	7/8	4	
419-815-1110	148,1	330	32	1701	1	4	WA300
419-815-1120	38,4	330	32	489	1	2	WA300
419-815-1211	121,7	330	32	1550	1	4	WA320
419-904-1121	57,1	254	25	1257	7/8	8	WA300
421-815-1111	156,2	330	32	1951	7/8	8	WA400, WA420, WA450
421-815-1131	41,4	330	32	534	7/8	4	WA450
421-815-1211	158,7	330	32	1982	7/8	8	WA470
421-815-1221	45,8	330	32	591	7/8	4	WA470
421-815-2110	161,8	330	32	2073	7/8	8	WA470

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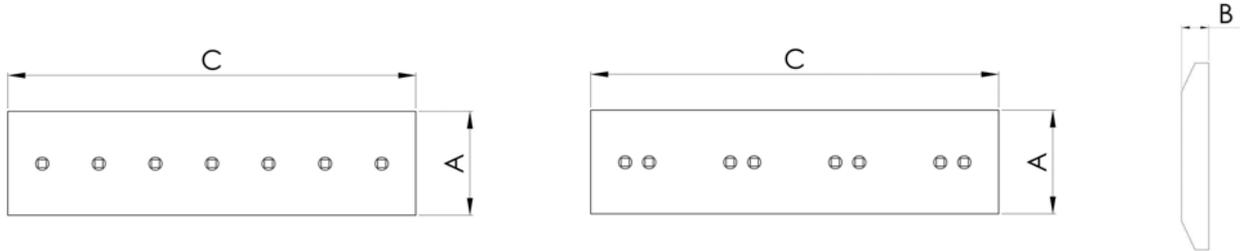
- Taglienti imbullonati per pale caricatori
- Bolt-on cutting edges for loaders
- Anschraub-Messer für Ladeschaufeln
- Lames boulonnées pour pelles chargeuses
- Грейдерные кромки



N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
		A (mm)	B (mm)	C (mm)	Ø Bolt (")		
423-70-H2C50	114	330	29	1624	7/8	4	WA380
423-815-1111	126,6	330	32	1617	7/8	6	
423-815-1121	43,3	330	32	558	7/8	4	
423-815-1211	130,2	330	32	1626	7/8	6	WA350, WA380
423-815-1211HD41	164,8	330	41	1626	7/8	6	WA350, WA380
423-815-1221	49,4	330	32	636	7/8	4	WA350, WA380
423-815-1221HD41	64	330	41	636	7/8	4	WA350, WA380
423-823-1310	50,5	203	20	1826	3/4	12	WA350
423-823-1320	12,6	203	20	454	3/4	3	WA350
423-904-1121	60,6	254	25	1360	7/8	9	WA350
423-904-1131	56,8	254	25	1218	7/8	8	WA300, WA350
424-70-H2C30	41,3	330	30	570	7/8	4	WA420
424-70-H2D50	124,7	330	30	1698	7/8	4	WA420
424-70-H2D60	45,5	330	30	650	7/8	4	WA380
424-70-H2D80	137	330	30	1868	7/8	5	WA420
424-815-1111	137	330	32	1748	7/8	6	WA350, WA380, WA400
424-815-1131	44,6	330	32	575	7/8	4	WA350, WA380, WA400
424-815-1211	145,2	330	32	1860	7/8	8	WA420
424-815-1211HD41	1488,2	330	41	1860	7/8	8	WA420
425-71-H2510	150	330	30	2038	7/8	6	
425-71-H2520	51	330	30	700	7/8	4	
425-815-1310	238,5	406	38	2069	1	8	WA500
425-815-1310HD41	257,3	406	41	2069	1	8	WA500
425-815-1320	76,7	406	38	662	1	4	WA500
425-815-1320HD41	82,8	406	41	662	1	4	WA500
425-815-1510	273,2	406	38	2454	1	8	WA500
425-815-1520	78,9	406	38	720	1	4	WA500
425-838-1110	31,2	406	38	285	1 1/4	2	WA500
42R-70-12E40	64,6	203	19	2300		8	
42T-70-12150	31,2	152	16	1850		7	WA65
42T-70-22060	30,3	152	16	1800		7	

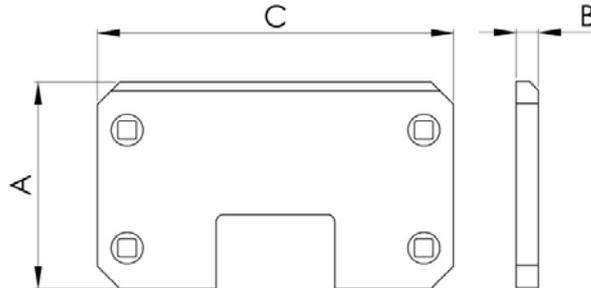
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- Taglienti imbullonati per pale caricatrici
- Bolt-on cutting edges for loaders
- Anschraub-Messer für Ladeschaufeln
- Lames boulonnées pour pelles chargeuses
- Грейдерные кромки



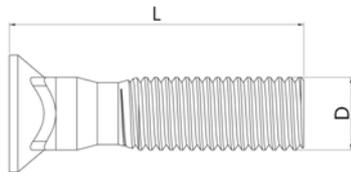
N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
		A (mm)	B (mm)	C (mm)	Ø Bolt (")		
42T-70-2206W	31,5	152	16	1870	7		
42T-70-22090	27,8	152	16	1660	7		
42U-70-12370	32,9	152	16	1950	7		
42U-70-12390	34,6	152	16	2050	7		
42U-70-12420	33,7	152	16	2000	7	WA75	
42U-70-22130	39,5	152	19	1915	7		
42U-70-22210	31,5	152	16	1870	7		
42W-70-12140	35,4	152	16	2100	7		
42W-70-12190	36,1	152	16	2150	7		
42W-70-22090	60,1	203	19	2050	7	WA90	
42W-70-22100	64,4	203	19	2200	8	WA100	
42Y-70-H2B30	65,2	254	25	1358	7/8	4	WA270
42Y-70-H2N60	63,5	254	25	1398	7/8	4	WA270
42Y-70-H2N6W	74,7	254	25	1558	7/8	5	
42Y-70-H2N70	25,9	254	25	570	7/8	4	WA270
42Y-71-H2B30	65,2	254	25	1358	7/8	4	WA270
41E-70-15221	61	254	25	1368	7/8	9	WA600

- Piastre d'usura imbullonate
- Bolt-on Wear Plates
- Bolt-on Wear Plates
- Plaques d'usure à boulonner
- Защитные пластины с болтовым креплением



N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	PESO (KG) WEIGHT GEWICHT POIDS ВЕС	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS - РАЗМЕРЫ				N. FORI HOLES BOHR. TROUS КОЛ-ВО ОТВЕРСТИЙ	MODELLO MODEL MODELL MODELE МОДЕЛЬ МАШИНЫ
		A (mm)	B (mm)	C (mm)	Ø Bolt (")		
418-71-H2A50	14,4	190	30	350	7/8	2	WA250
418-71-H2C50	10,6	175	30	350	7/8	2	WA250
418-71-H2E60	10,6	230	16	410		2	WA250
419-73-H2540	15,1	225	30	360	7/8	2	WA320
421-76-H2880	26,3	280	30	480	7/8	4	
423-75-H2C60	16,1	200	30	420	7/8	2	WA380
424-73-H2B70	15,8	180	30	420	7/8	2	WA430
425-71-H2A00	31,4	350	25	540	7/8	4	WA500
425-71-H2E80	31,5	280	25	600			WA500
425-71-H2500	31,4	350	25	540	7/8	4	
425-70-H2B20	41,7	300	40	540	7/8	4	WA500

- Viti, dadi e rondelle
- Plow bolt, nut and washer
- Schrauben, Muttern und Unterlegscheiben
- Vis, écrous et rondelles
- крепежный болт, гайка и шайба



PLOW BOLT – VITE			NUT - DADO ESAGONALE	
N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	L"	D"	N. ORIGINALE ORIGINAL P/N ORIGINAL-NR. N. ORIGINAL ОРИГИНАЛЬНЫЙ НОМЕР	D"
02090-10840	1 1/2	1/2	02290-10813	1/2
02090-11050	2	5/8	02290-11016 232-70-12480	5/8
02090-11055	2 1/4			
02090-11060	2 1/4			
02090-11080	3			
02090-11085	3 1/4			
154-70-11143	2 1/2	3/4	02290-11219 154-70-22270	3/4
02090-11265	2 1/2			
02090-11270	2 3/4			
02090-11275	3			
175-70-11170	3 1/8			
02091-11200	4			
02090-11205	4			
02091-11205	4			
02091-11210	4 1/4			
02091-11215	4 1/2			
154-70-11150	4 3/4	7/8	02290-11422 175-71-11530	7/8
175-71-11454	3			
175-71-11451	3			
175-71-11450	3 1/4			
125-70-21640	3 1/2			
175-71-11463	3 1/2			
175-71-11461	3 1/2			
145-70-44120	3 1/2	1	02290-11625 135-70-34130	1
195-71-11452	3 3/4			
195-71-11461	4			
195-71-11460	4 1/4			
195-71-11473	6 1/2	1 1/4	02290-12031	1 1/4
02091-12010	4			
02091-12020	4 1/2			

Tutti i numeri, simboli, e denominazioni originali sono usati soltanto per riferimento, e non si deve in alcun modo intendere che i pezzi elencati siano originali.
All manufacturers' name, numbers, symbols and descriptions are used for reference purpose only, and it is not implied that any part listed is the product of these manufacturers.