ESTI®

Catalogo Tecnico
Technical Catalogue
Technischer Katalog
Catalogue Technique

2009

2009

Tutte le misure indicate sono in millimetri (mm).
All dimensions are stated in millimetres (mm).
Alle Abmessungen sind in Millimeter (mm) angegeben.
Toutes les dimensions indiquées sont en millimètres (mm).

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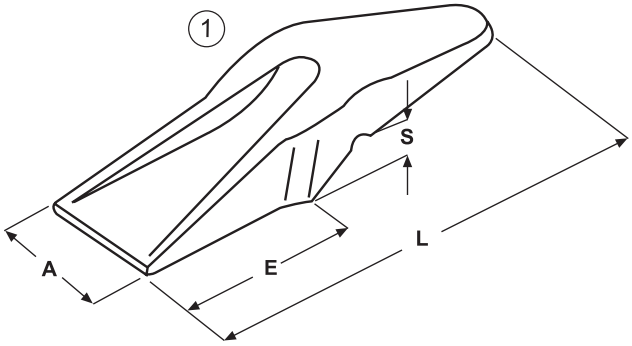
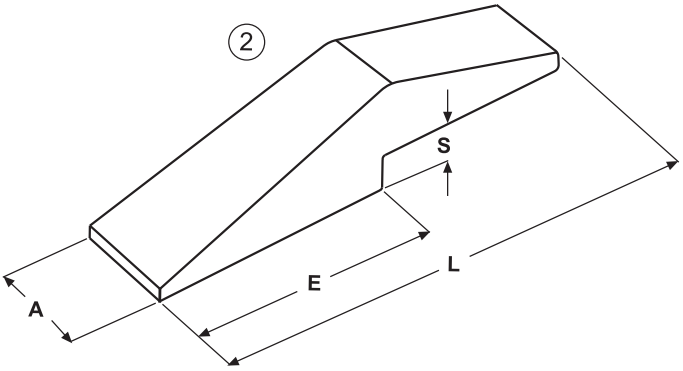
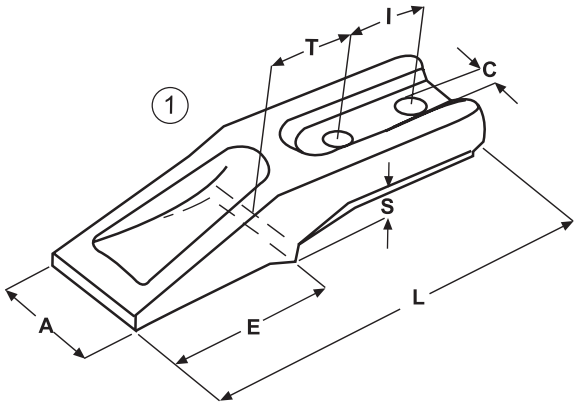
MINI DENTI A SALDARE
WELD-ON MINI TEETH
MINI ZÄHNE ZUM ANSCHWEIßEN
MINI DENTS À SOUDER

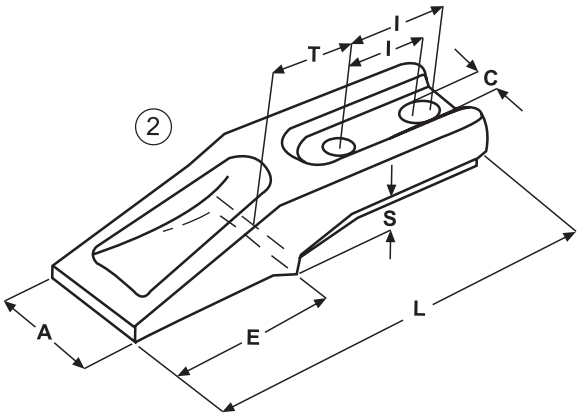




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)
		L	A	E	S	
E 1	1	180	50	85	15	1.0
E 2	2	132	40	67	10	0.6

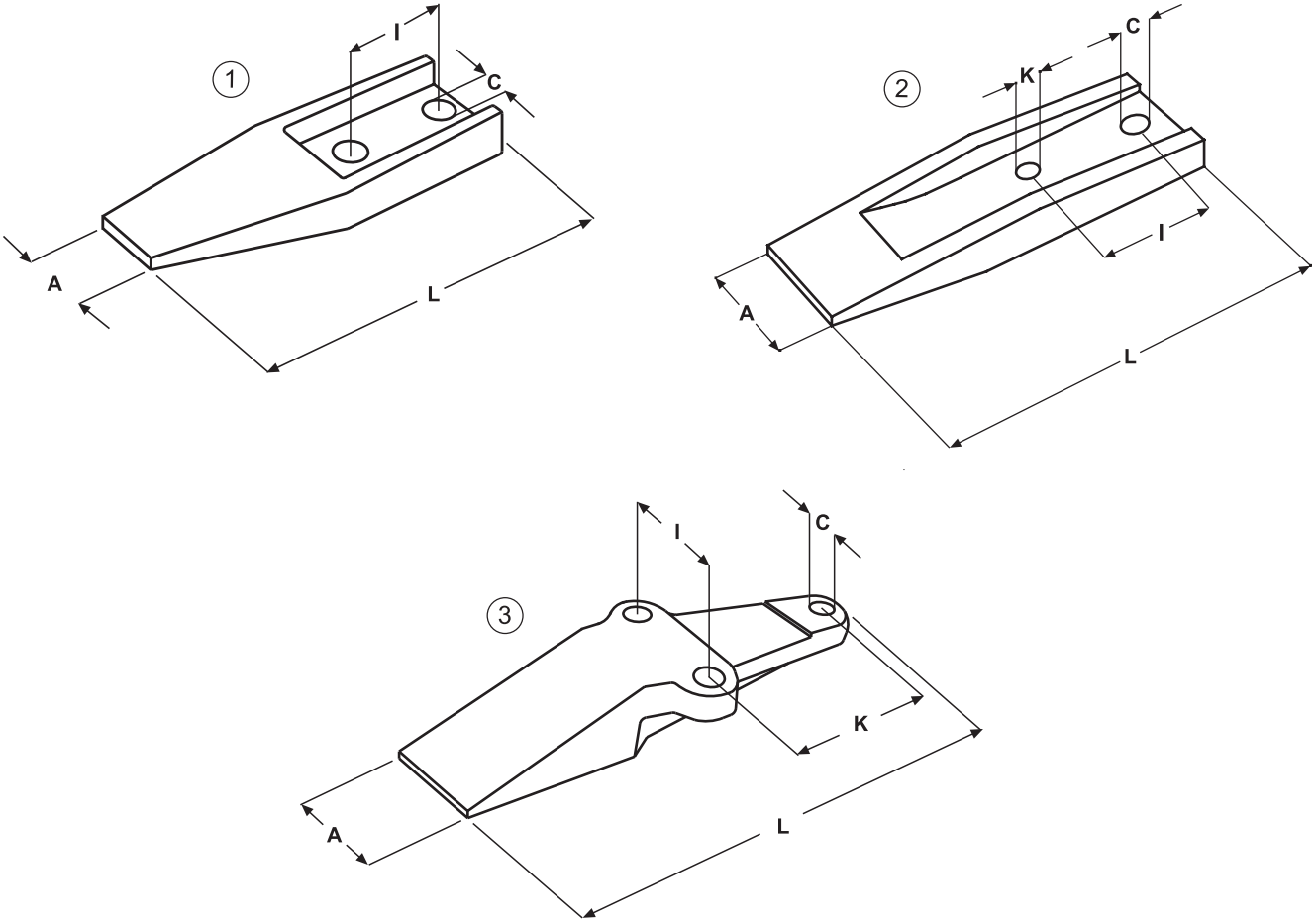
DENTI TIPO MINI Z
MINI Z TYPE TEETH
ZÄHNE TYP MINI Z
DENTS TYPE MINI Z





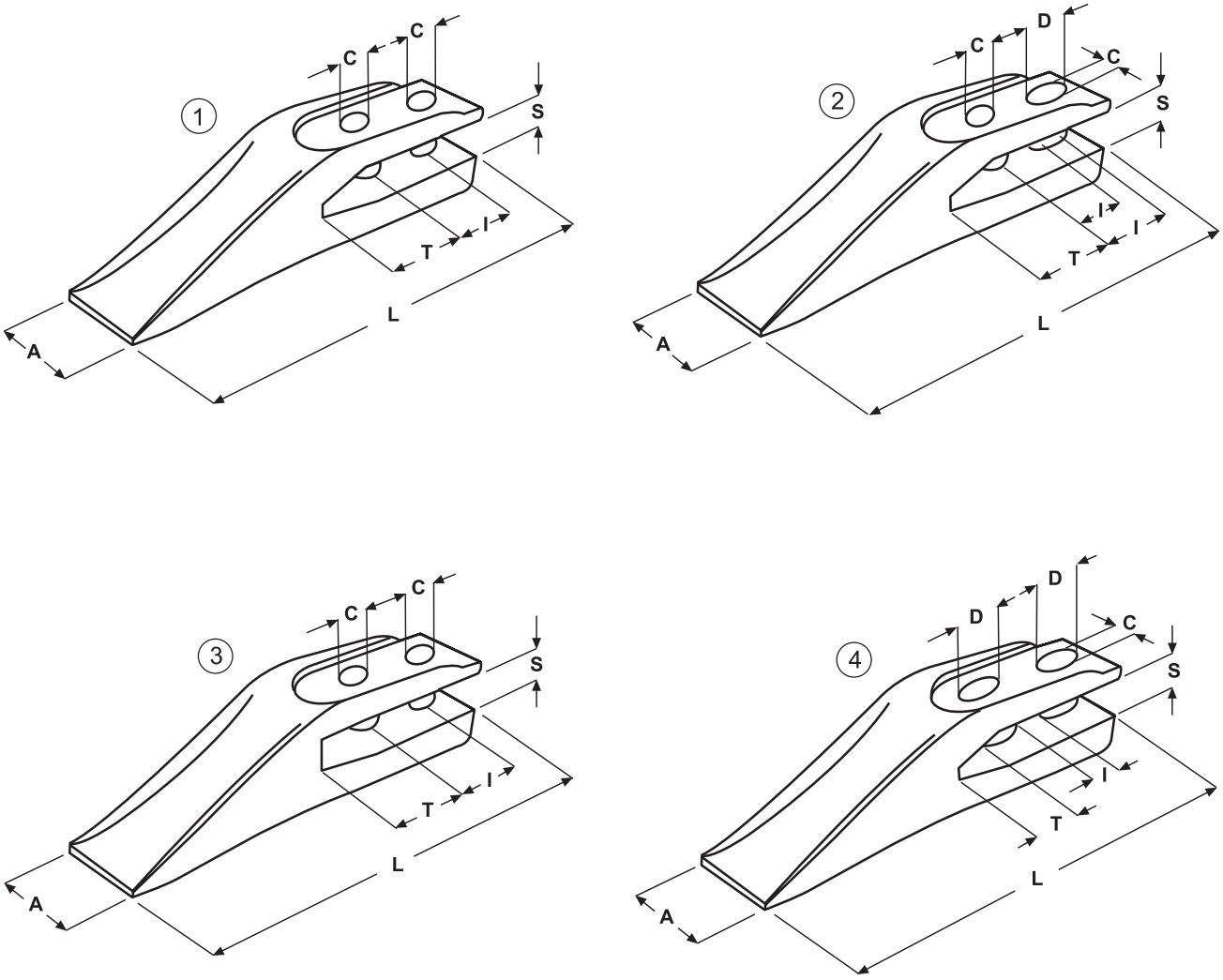
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS							PESO WEIGHT GEWICHT POIDS (KG)
			L	A	E	T	I	S	C	
E 3	MINI Z - I	1	184	50	84	40	40	15	13	1.0
E 3.1	MINI Z - I	2	184	50	84	40	40-45	15	13	1.0
E 5	MINI Z - II	1	212	57	96	42	55	20	17	1.4

DENTI PER BENNE MORDENTI
GRAB TEETH
GREIFERZÄHNE
DENTS POUR PELLES PRENEUSES



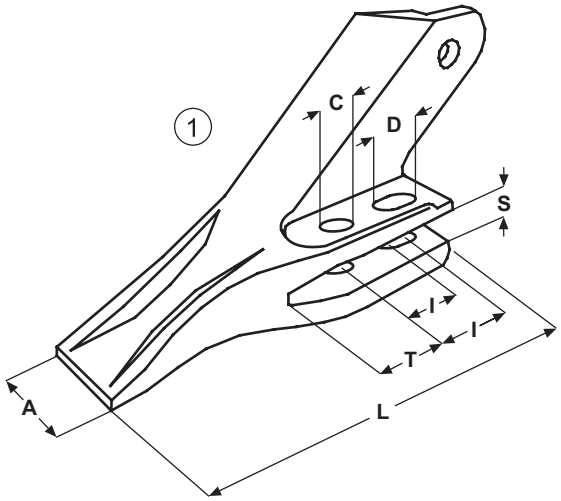
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)
			L	A	I	K	C	
E 560	-	1	190	30	56	107	16.5	1.60
E 563	-	2	210	62	68	16	18	1.70
E 570	3390181 - 9169430	3	330	75	80	140	18	5.50

DENTI A FORCELLA SERIE E 11
FORK TEETH RANGE E 11
GABELZÄHNE SERIE E 11
DENTS À FOURCHE SÉRIE E 11



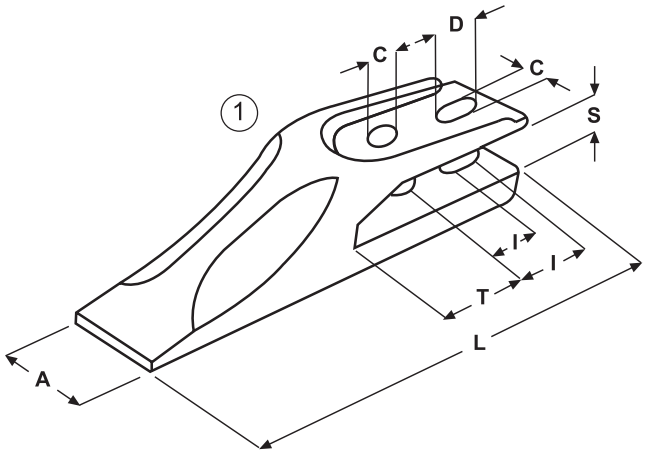
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS							PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
		L	A	T	I	S	C	D		
E 11.1	1	190	50	37	45	17	13	-	1.3	E 600
E 11.2 (E 10.2)	1	190	50	27	45	17	13	-	1.3	E 600
E 11.4	2	190	50	37	40-45	17	13	18	1.3	E 600
E 11.5 (E 10.5)	1	190	50	40	45	15	13	-	1.3	E 600
E 11.7 (E 10.7)	3	190	50	21	55	13	13	-	1.3	E 600
E 11.8	3	190	50	18	55	13	13	-	1.3	E 600
E 11.10	4	190	50	30	22.5	17	13	20	1.3	E 600

ANGOLARI SERIE E 11
SIDECUTTERS RANGE E 11
ECKZÄHNE SERIE E 11
COINS SÉRIE E 11



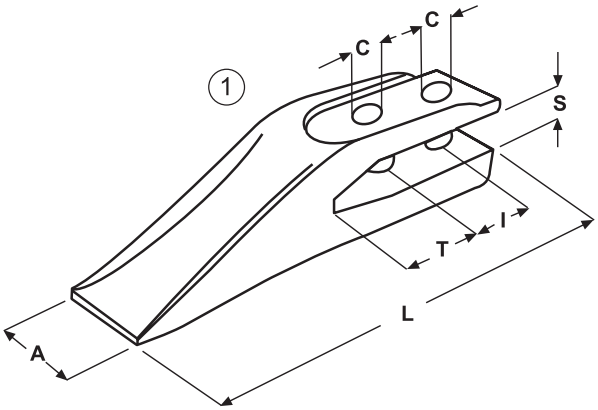
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS							PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
		L	A	T	I	S	C	D		
E 11 R	1	190	50	37	40-45	17	13	18	1.9	E 600
E 11 L	1	190	50	37	40-45	17	13	18	1.9	E 600

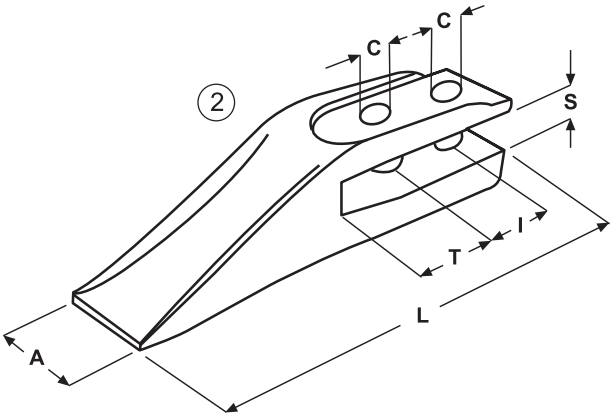
DENTI A FORCELLA SERIE E 12
FORK TEETH RANGE E 12
GABELZÄHNE SERIE E 12
DENTS À FOURCHE SÉRIE E 12



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS							PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
		L	A	T	I	S	C	D		
E 12.4	1	190	43	37	40-45	17	13	18	1.3	E 600

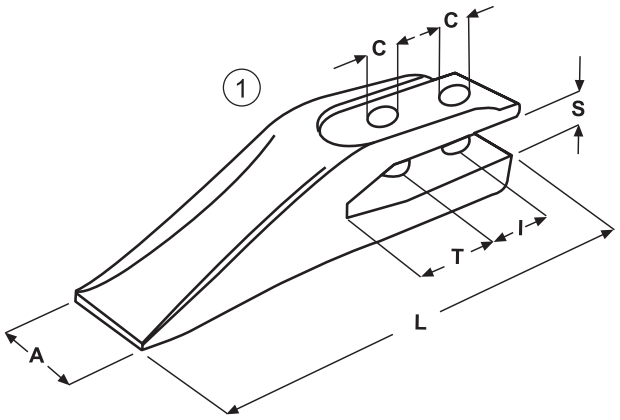
DENTI A FORCELLA SERIE E 20
FORK TEETH RANGE E 20
GABELZÄHNE SERIE E 20
DENTS À FOURCHE SÉRIE E 20





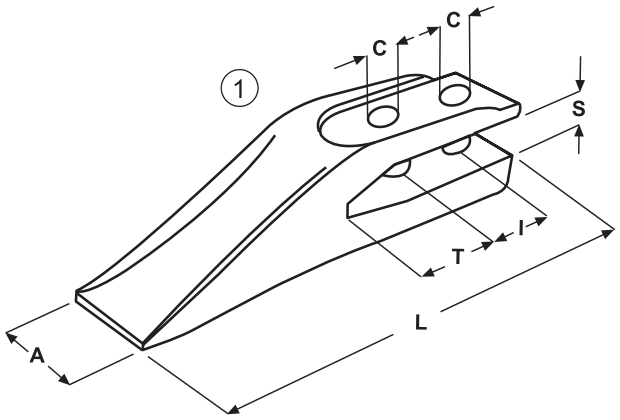
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
		L	A	T	I	S	C		
E 20.1	1	222	53	48	50	17	15	1.7	E 603
E 20.2	1	222	53	48	50	22	15	1.7	E 603
E 20.4	1	222	53	37	45	22	13	1.7	E 602
E 20.5	1	222	53	51	60	17	13	1.7	E 602
E 20.6	1	222	53	54	45	22	15	1.7	E 603
E 20.7	2	222	53	36	55	17	16	1.7	-
E 20.10	1	222	53	42	55	22	16	1.7	-
E 20.13	1	222	53	61	45	22	13	1.7	E 602

DENTI A FORCELLA SERIE E 30
FORK TEETH RANGE E 30
GABELZÄHNE SERIE E 30
DENTS À FOURCHE SÉRIE E 30



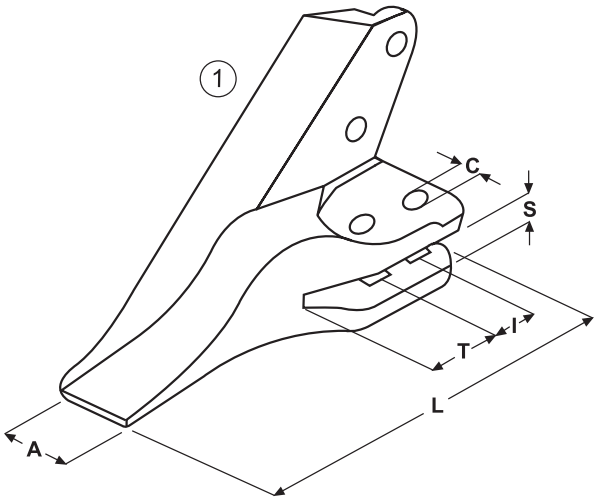
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
		L	A	T	I	S	C		
E 30.1	1	275	61	66	65	22	13	2.7	E 602
E 30.2	1	275	61	67	65	22	15	2.7	E 603
E 30.3	1	275	61	51	80	22	15	2.7	E 603
E 30.6	1	275	61	62	45	22	15	2.7	E 603
E 30.8	1	275	61	47	90	22	13	2.7	E 602
E 30.9	1	275	61	72	72	22	18	2.7	-

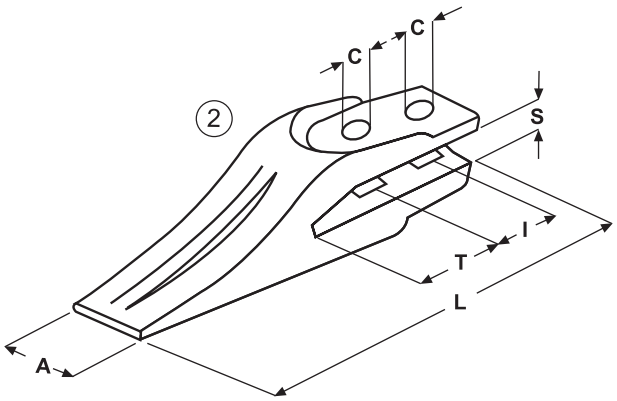
DENTI A FORCELLA SERIE E 40
FORK TEETH RANGE E 40
GABELZÄHNE SERIE E 40
DENTS À FOURCHE SÉRIE E 40

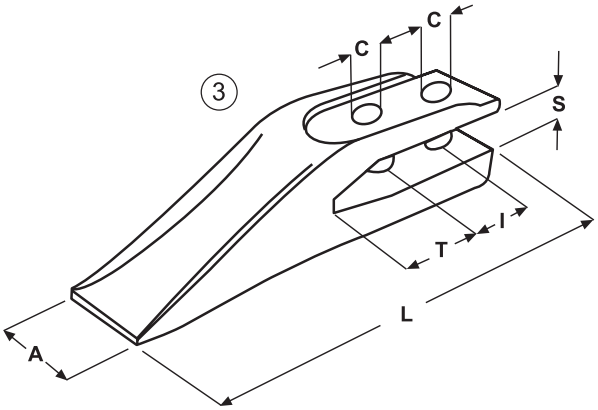


NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
		L	A	T	I	S	C		
E 40.1	1	300	66	70	70	27	17	3.7	E 607

DENTI A FORCELLA TIPO FAI - FKI (KOMATSU)
FORK TEETH TYPE FAI - FKI (KOMATSU)
GABELZÄHNE TYP FAI - FKI (KOMATSU)
DENTS À FOURCHE TYPE FAI - FKI (KOMATSU)

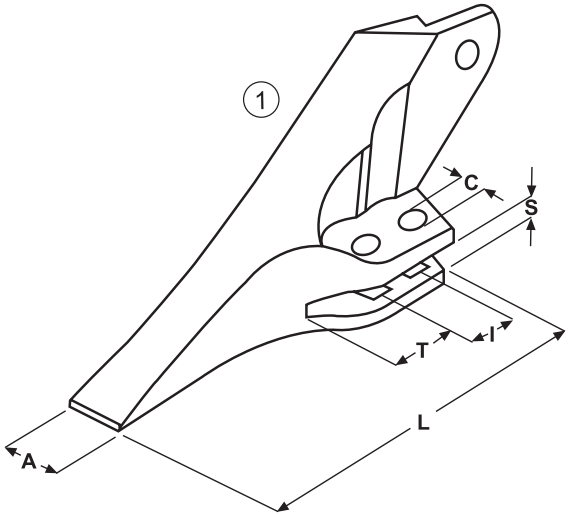


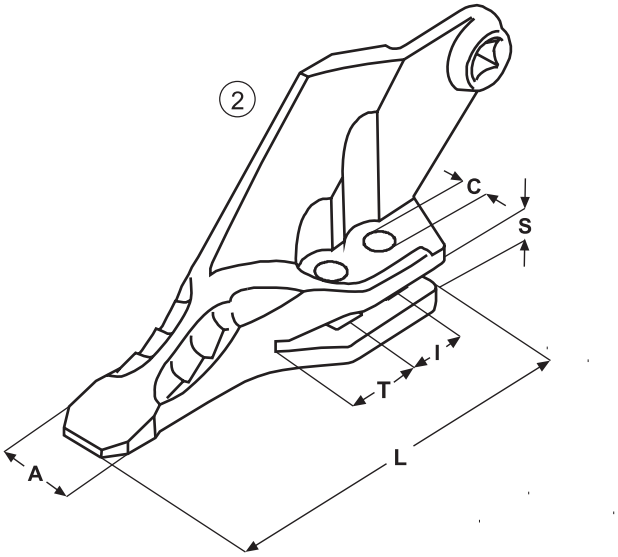


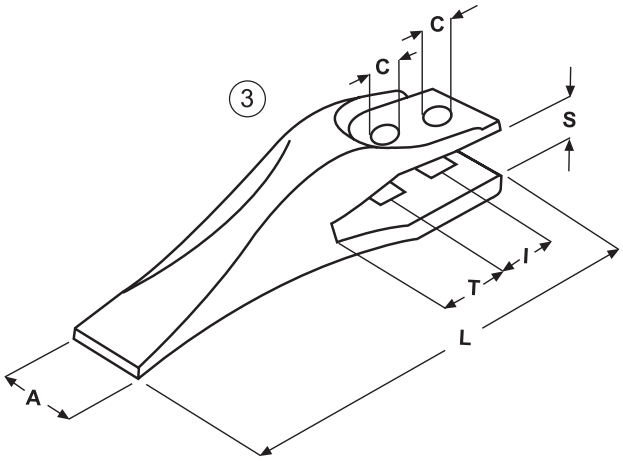


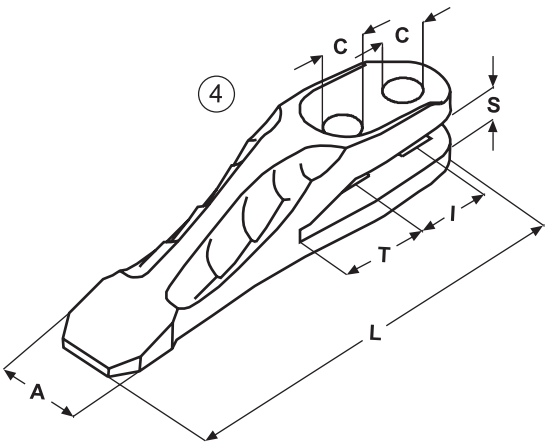
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
MINI ESCAVATORI MINI EXCAVATORS MINIBAGGER MINI EXCAVATEURS	**E 11.5**	825011090	3	190	50	40	45	15	13	1.3	E 600
	E 20.1	825011100	3	222	53	48	50	17	15	1.7	E 603
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 30.2**	825011086	3	275	61	67	65	22	15	2.7	E 603
	E 30.3	825011098	3	275	61	51	80	22	15	2.7	E 603
	E 40.1	825010001	3	300	66	70	70	27	17	3.7	E 607
	E 27	312204054	2	285	50	51	80	22	18	3.7	E 620
	E 27 R	312204052	1	300	50	47.5	80	22	18	6.8	E 620
	E 27 L	312204053	1	300	50	47.5	80	22	18	6.8	E 620

DENTI A FORCELLA TIPO JCB
FORK TEETH TYPE JCB
GABELZÄHNE TYP JCB
DENTS À FOURCHE TYPE JCB



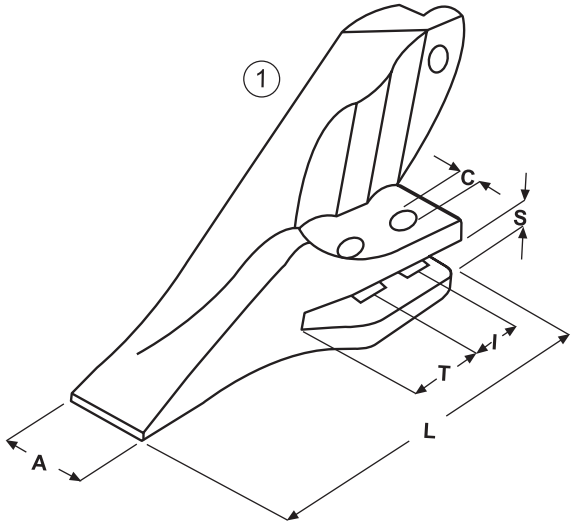


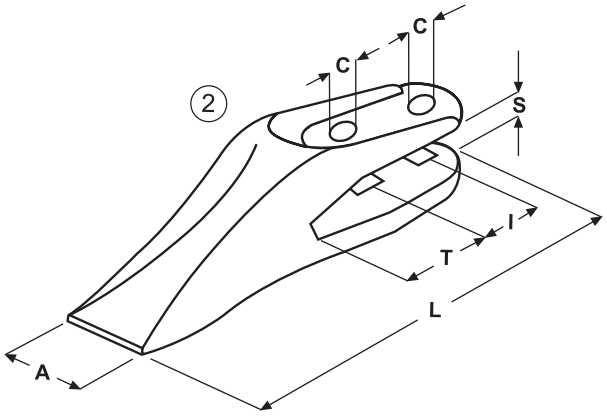




MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 25**	531.03205	3	250	54	51	44.5	22	20.5	2.5	E 622
	E 25 R	531.03208	1	260	50	51	44.5	22	20.5	5.0	E 622
	E 25 L	531.03209	1	260	50	51	44.5	22	20.5	5.0	E 622
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 26**	332/C4388	4	258	54	54	44.5	22	20.5	2.7	E 622
	E 26 R	332/C4390	2	260	54	54	44.5	22	20.5	5.6	E 622
	E 26 L	332/C4389	2	260	54	54	44.5	22	20.5	5.6	E 622

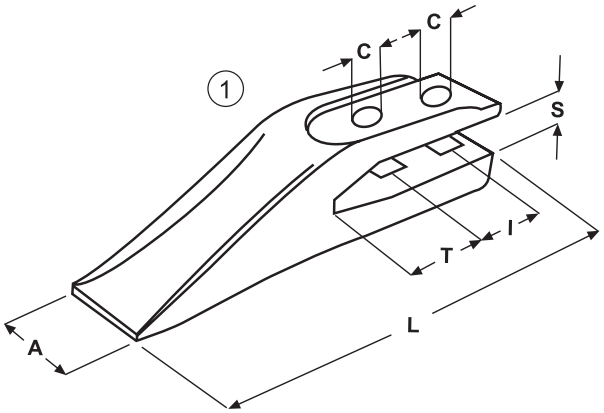
DENTI A FORCELLA TIPO NEW HOLLAND
FORK TEETH TYPE NEW HOLLAND
GABELZÄHNE TYP NEW HOLLAND
DENTS À FOURCHE TYPE NEW HOLLAND





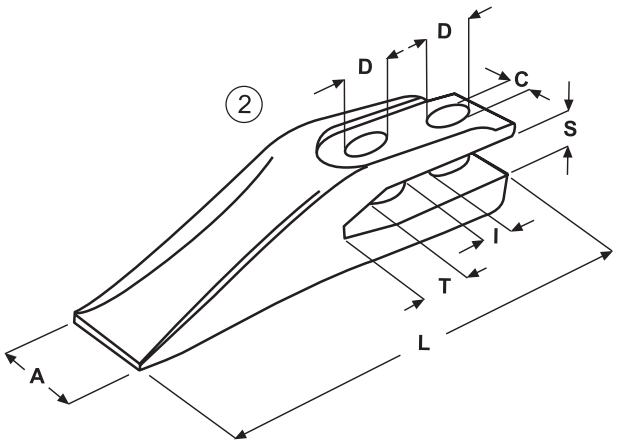
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 29**	85801109 85811440	2	270	62	51	75	22	17	3.5	E 621
	E 29 R	85801377 85824017	1	270	52	51	75	22	17	5.3	E 621
	E 29 L	85801376 85824016	1	270	52	51	75	22	17	5.3	E 621

DENTI A FORCELLA TIPO TEREX - FERMEC - MF
FORK TEETH TYPE TEREX - FERMEC - MF
GABELZÄHNE TYP TEREX - FERMEC - MF
DENTS À FOURCHE TYPE TEREX - FERMEC - MF



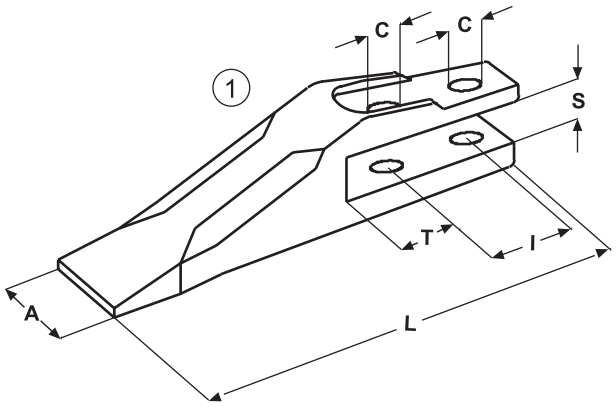
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 23**	1462200M1	1	255	60	-	51	29	17.5	2.8	E 620
	E 24	1462201M2	1	240	58	72	53	27	17.5	2.5	E 620

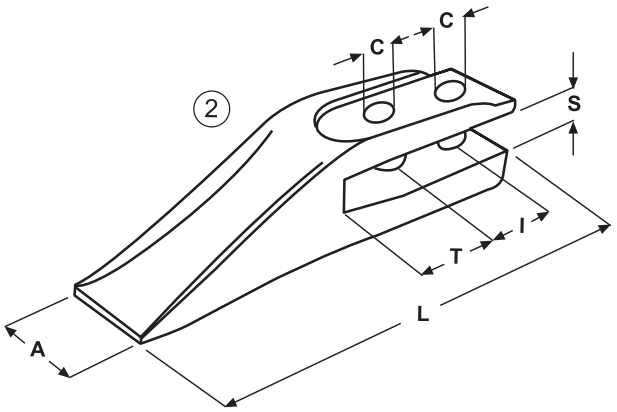
DENTI A FORCELLA TIPO TEREX - SCHAEFF
FORK TEETH TYPE TEREX - SCHAEFF
GABELZÄHNE TYP TEREX - SCHAEFF
DENTS À FOURCHE TYPE TEREX - SCHAEFF



MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS							PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C	D		
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 11.10**	5347659612	2	190	50	30	22.5	17	13	20	1.3	E 600

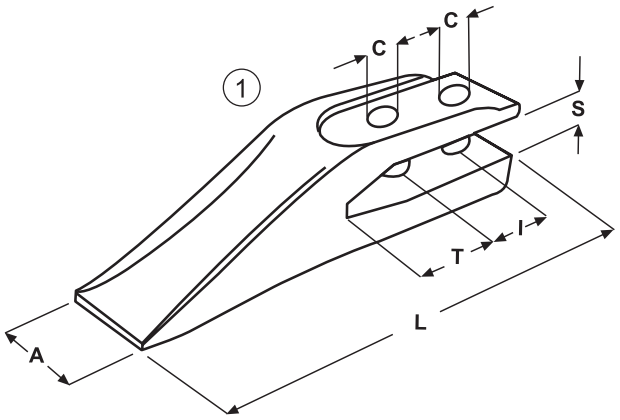
DENTI A FORCELLA TIPO KUBOTA
FORK TEETH TYPE KUBOTA
GABELZÄHNE TYP KUBOTA
DENTS À FOURCHE TYPE KUBOTA





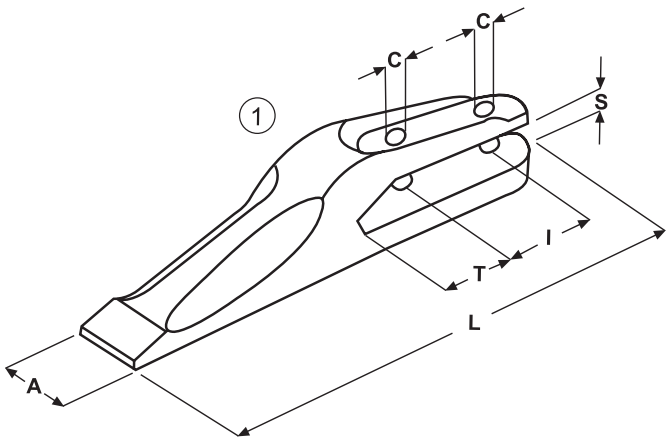
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
MINI ESCAVATORI MINI EXCAVATORS MINIBAGGER MINI EXCAVATEURS	**E 19**	68131-6691-2	1	213	40	35	55	17	16	1.9	-
	E 20.7	-	2	222	53	35	55	17	16	1.8	-

DENTI A FORCELLA TIPO BOBCAT
FORK TEETH TYPE BOBCAT
GABELZÄHNE TYP BOBCAT
DENTS À FOURCHE TYPE BOBCAT



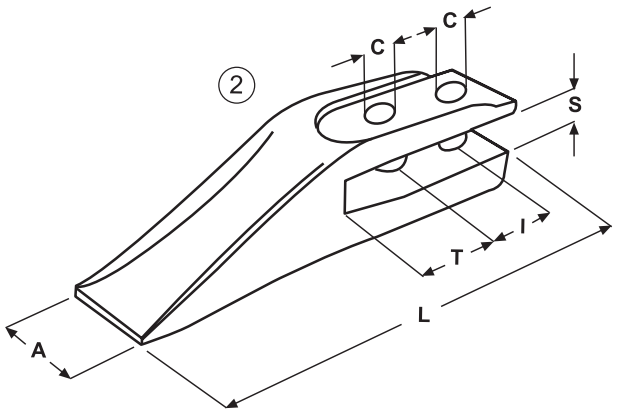
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 11 B**	7000986	1	190	50	37	45	17	13	1.3	E 600
	E 20 B	7000987	1	222	53	48	50	22	15	1.7	E 603
	E 30 B	7000988	1	275	61	51	80	22	15	2.7	E 603

DENTI A FORCELLA TIPO HANOMAG
FORK TEETH TYPE HANOMAG
GABELZÄHNE TYP HANOMAG
DENTS À FOURCHE TYPE HANOMAG



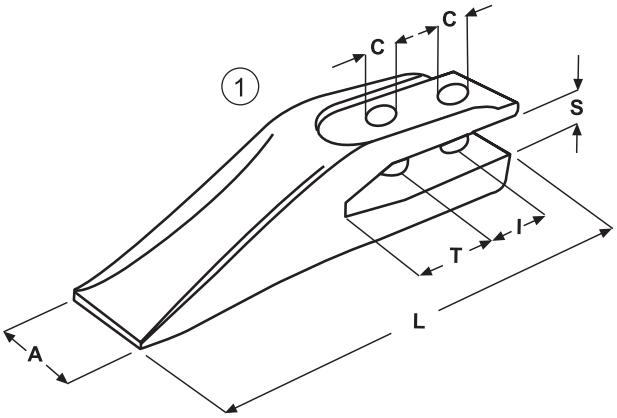
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
44 C -55 C 55 D - 55 E	**E 41**	2952086 M1 773956731 777956706	1	435	75	95	135	32	17	8.0	E 606

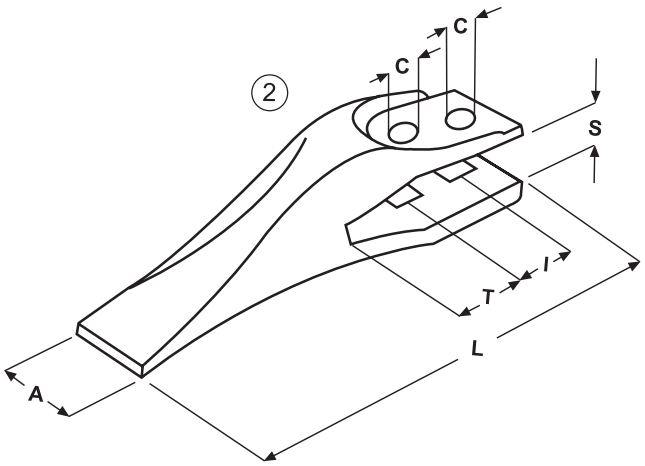
DENTI A FORCELLA TIPO IHIMER
FORK TEETH TYPE IHIMER
GABELZÄHNE TYP IHIMER
DENTS À FOURCHE TYPE IHIMER



MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
MINI ESCAVATORI MINI EXCAVATORS MINIBAGGER MINI EXCAVATEURS	**E 11.8**	1237284	2	190	50	18	55	13	13	1.3	E 600

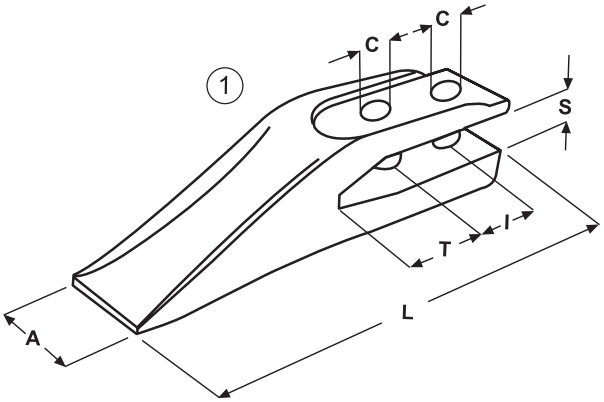
DENTI A FORCELLA TIPO NEUSON
FORK TEETH TYPE NEUSON
GABELZÄHNE TYP NEUSON
DENTS À FOURCHE TYPE NEUSON





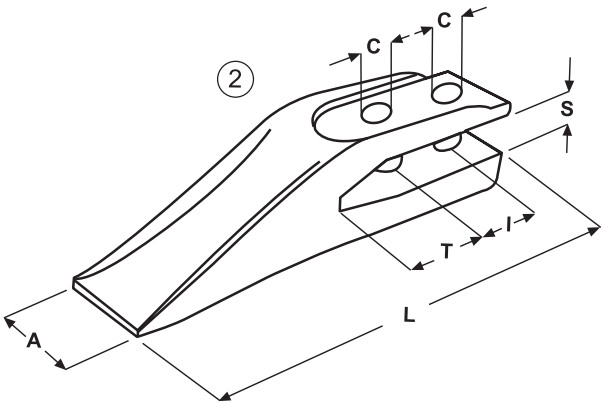
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
MINI ESCAVATORI MINI EXCAVATORS MINIBAGGER MINI EXCAVATEURS	**E 11 N**	2006035	1	190	50	37	45	17	13	1.3	E 600
	E 20 N	9706130	1	222	53	51	60	17	13	1.7	E 602
	E 25	5006001	2	250	54	51	44.5	22	20.5	2.5	E 622

DENTI A FORCELLA TIPO PALAZZANI
FORK TEETH TYPE PALAZZANI
GABELZÄHNE TYP PALAZZANI
DENTS À FOURCHE TYPE PALAZZANI



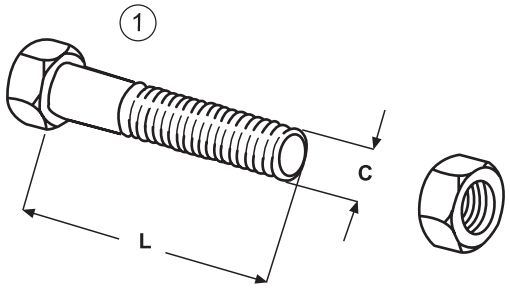
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 20.2**	14.02.0028	1	222	53	48	50	22	15	1.7	E 603
	E 30.8	14.02.0007	1	275	61	47	90	22	13	2.7	E 602

DENTI A FORCELLA TIPO VENIERI
FORK TEETH TYPE VENIERI
GABELZÄHNE TYP VENIERI
DENTS À FOURCHE TYPE VENIERI

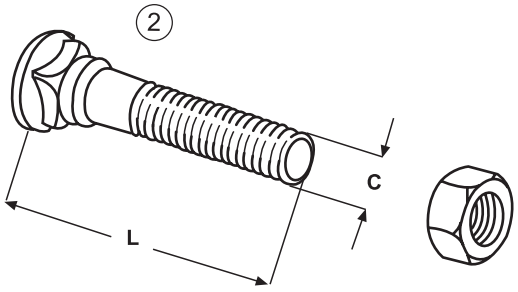


MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 30.6**	091.0.005	2	275	61	62	45	22	15	2.7	E 603

VITI E DADI PER DENTI A FORCELLA
BOLTS AND NUTS FOR FORK TEETH
SCHRAUBEN UND MUTTERN FÜR GABELZÄHNE
BOULONS ET ÉCROUS POUR DENTS À FOURCHE

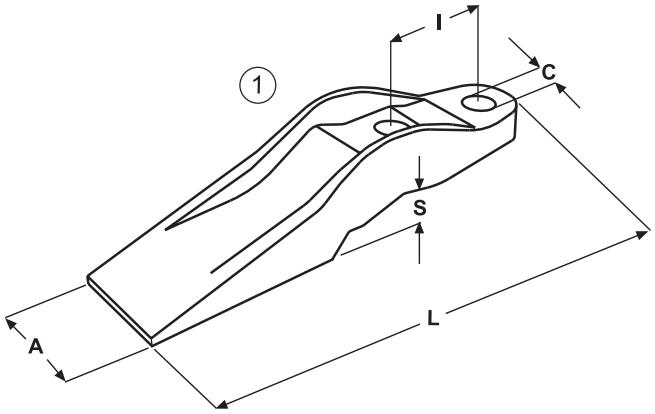


NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS	
		C	L
E 600	1	12	45
E 602	1	12	50
E 603	1	14	50
E 604	1	14	60
E 605	1	16	50
E 606	1	16	70
E 607	1	16	60
E 608	1	20	70
E 609	1	18	70
E 610	1	24	90



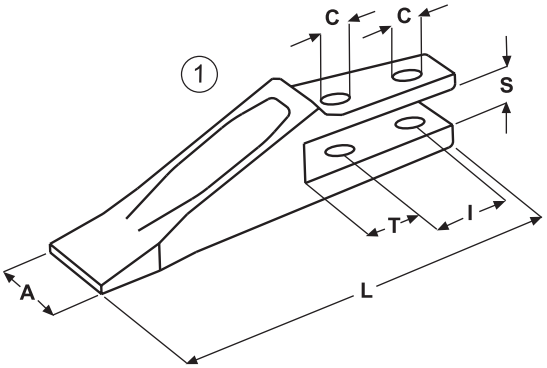
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS		DENTE TOOTH ZAHN DENT
		C	L	
E 620	2	16 (5/8")	64	E 23 - E 24 - E 27 - E 27 R - E 27 L - E 32
E 621	2	16 (5/8")	56	E 29 - E 29 R - E 29 L
E 622	2	19 (3/4")	64	E 25 - E 25 R - E 25 L
E 624	2	25.4 (1")	90	E 303 - E 304

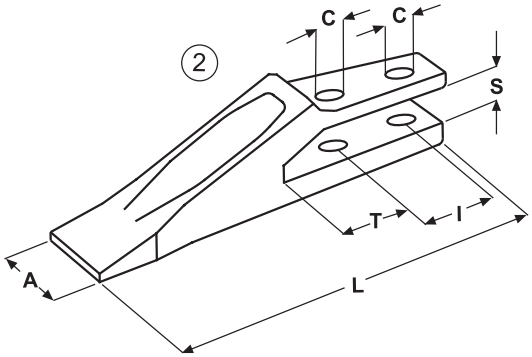
DENTI AD IMBULLONARE PER MINI PALE TIPO CATERPILLAR
CATERPILLAR TYPE BOLT-ON TEETH FOR MINI LOADERS
ZÄHNE ZUM ANSCHRAUBEN TYP CATERPILLAR FÜR MINILADER
DENTS À BOULONNER TYPE CATERPILLAR POUR MINI PELLES-CHARGEUSES



MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)
				L	A	I	S	C	
216 - 226 236 - 246 902 - 906 908	**E 8**	132-4720	1	236	61	60	20	17	2.0

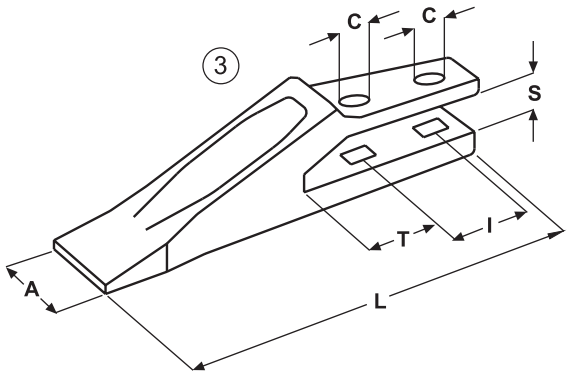
DENTI A FORCELLA PER MINI ESCAVATORI TIPO CATERPILLAR
CATERPILLAR TYPE FORK TEETH FOR MINI EXCAVATORS
GABELZÄHNE TYP CATERPILLAR FÜR MINIBAGGER
DENTS À FOURCHE TYPE CATERPILLAR POUR MINI EXCAVATEURS





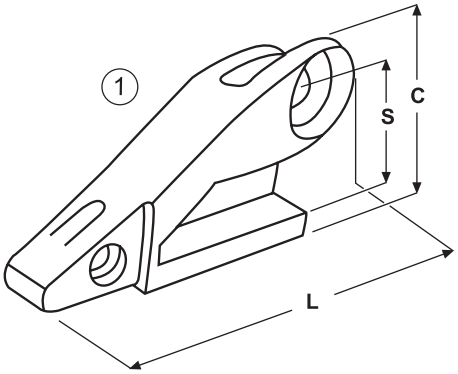
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
301.5	**E 14**	138-6410	1	185	41	30	45	11	13	1.1	-
302.5 - 303.5	**E 16**	135-9390	2	236	44	45	50	17	17	1.8	-

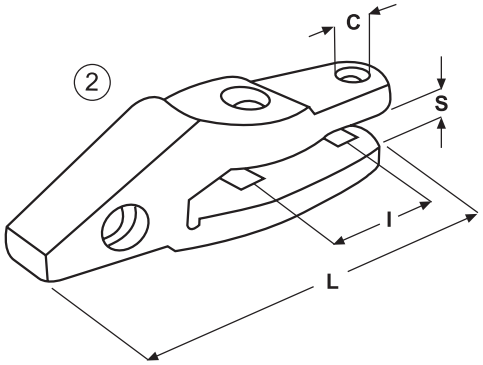
DENTI A FORCELLA PER MINI ESCAVATORI E TERNE TIPO CATERPILLAR
CATERPILLAR TYPE FORK TEETH FOR MINI EXCAVATORS AND BACK-HOE LOADERS
GABELZÄHNE TYP CATERPILLAR FÜR MINIBAGGER UND BAGGERLADER
DENTS À FOURCHE TYPE CATERPILLAR POUR MINI EXCAVATEURS ET TRACTO - PELLES



MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
304.5 416 - 426 428 - 438	**E 32**	135-8203 6Y6335 9W1879	3	280	52	51	75	22	17	3.0	E 620

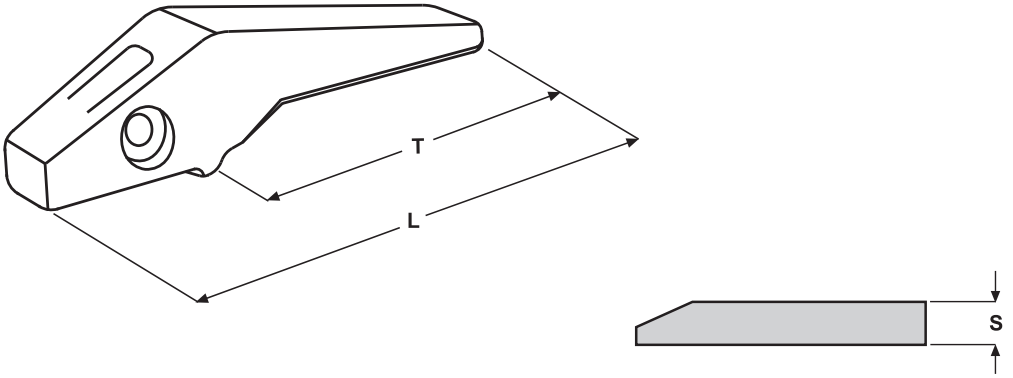
PORTAPUNTA AD IMBULLONARE TIPO CATERPILLAR PER PALE
CATERPILLAR TYPE BOLT-ON ADAPTERS FOR LOADERS
ZAHNHALTER ZUM ANSCHRAUBEN TYP CATERPILLAR FÜR LADER
PORTE-POINTES À BOULONNER TYPE CATERPILLAR POUR PELLES-CHARGEUSES





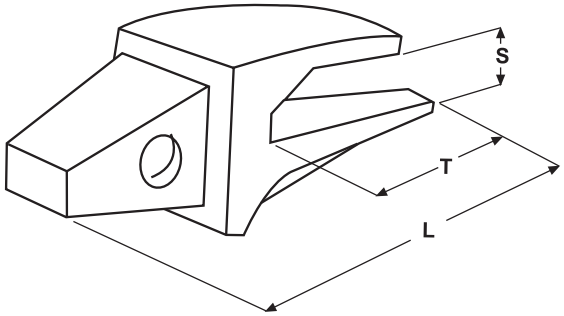
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PUNTA TIP SPITZE POINTE
					L	I	S	C		
416 - 426 428 - 436	**E 301**	8E2184	**J 200**	2	225	75	22	18	2.1	**E 350**
	E 302 R	1U2209		1	230	-	76	110	3.9	
	E 302 L	1U2208		1	230	-	76	110	3.9	
910 - 931 - 935	**E 302**	9J4207	**J 200**	2	262	89	21	21	3.3	
	E 302 R	1U2209		1	230	-	76	110	3.9	
	E 302 L	1U2208		1	230	-	76	110	3.9	
916 - 920 - 926 930 - 936 - 941 943 - 951 - 953	**E 303**	8J6656 - 1U0257	**J 250**	2	341	124	27	27	8.3	**E 352** C - HDA - HDL
	E 303 R	3G4259		1	293	-	105	179	9.5	
	E 303 L	3G4258		1	293	-	105	179	9.5	
944 - 950 - 953 B	**E 304**	8J6587 - 1U0307	**J 300**	2	355	124	27	27	10.5	**E 353** C - HDA - HDL R - S
	E 304 R	3G4309		1	339	-	118	199	15.1	
	E 304 L	3G4308		1	339	-	118	199	15.1	
950 B - 955 963 - 960 F	**E 305**	3G4307 - 4T4307	**J 300**	2	405	166	34	27	14.0	
	E 304 R	3G4309		1	339	-	118	199	15.1	
	E 304 L	3G4308		1	339	-	118	199	15.1	
966 C	**E 306**	3G9307	**J 300**	2	405	160	34	36	14.0	
	E 306 R	3G8309		1	364	-	140	225	16.4	
	E 306 L	3G8308		1	364	-	140	225	16.4	
966 D - 970 F 973 - 977	**E 307**	3G3357	**J 350**	2	419	150	42	36	18.5	**E 354** C - HDA - HDL R - S
	E 307 R	3G5359		1	389	-	140	230	20.8	
	E 307 L	3G5358		1	389	-	140	230	20.8	

PORTAPUNTA A SALDARE TIPO CATERPILLAR PER PALE
CATERPILLAR TYPE WELD-ON ADAPTERS FOR LOADERS
ZAHNHALTER ZUM ANSCHWEIßEN TYP CATERPILLAR FÜR LADER
PORTE-POINTES À SOUDER TYPE CATERPILLAR POUR PELLES-CHARGEUSES



MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)	PUNTA TIP SPITZE POINTE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
				L	T	S			
416 - 426 - 428 910 - 931 - 935	**E 310**	4T1204	**J 200**	233	138	15-20	1.9	**E 350**	6000
916 - 920 - 926 930 - 936 - 941 943 - 951 - 953	**E 311**	1U1254 9J4254	**J 250**	340	230	20-30	5.5	**E 352** C-HDA HDL	10000
944 - 950 - 955 963 - 966 C	**E 312**	1U1304 9J4304	**J 300**	355	235	25-35	8.5	**E 353** C-HDA-HDL R-S	13000
966 D - 973 977 - 980	**E 313**	1U1354 9J4354	**J 350**	425	286	35-40	14.5	**E 354** C-HDA-HDL R-S	16000
983 - 988	**E 314.1**	8E0464	**J 460**	485	291	45-50	20.4	**E 356** C-HDA-HDL R-S	25000
988 992B 992C	**E 315**	7J9554 3G4554	**J 550**	567	383	50-65	34.5	**E 357** C-HDA-HDL S	40000

PORTAPUNTA A SALDARE TIPO CATERPILLAR PER ESCAVATORI
CATERPILLAR TYPE WELD-ON ADAPTERS FOR EXCAVATORS
ZAHNHALTER ZUM ANSCHWEIßEN TYP CATERPILLAR FÜR BAGGER
PORTE-POINTES À SOUDER TYPE CATERPILLAR POUR EXCAVATEURS



MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI DIMENSIONS ABMESSUNGEN DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)	PUNTA TIP SPITZE POINTE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)	PESO ESCAVATORE EXCAVATOR WEIGHT BAGGER GEWICHT POIDS EXCAVATEUR (TON)
				L	T	S				
416 - 426 428 - 436	**E 320**	119-3204 8J7525	**J 200**	180	100	22	1.6	**E 350**	6000	4.0 → 6.0
E 70 307 - 308 446	**E 321**	6Y3224	**J 225**	226	136	27	2.8	**E 351** V	8000	7.0 → 10.0
E 200 - 205 213 - 214 311 - 312	**E 322**	119-3253 6Y3254 3G0169	**J 250**	255	152	27	4.3	**E 352** C-HDL SP-T-V	10000	11.0 → 15.0
E 180 - 200 215 315 - 320	**E 323**	3G6304 9W1304	**J 300**	304	183	33	7.6	**E 353** C-HDL-PR S-SP-T-V	13000	16.0 → 20.0
E 180 - 200 215 315 - 320	**E 323.1**	8E9490	**J 300**	304	183	37	7.3	**E 353** C-HDL-PR S-SP-T-V	13000	16.0 → 20.0
E 240 225 320 - 321	**E 324**	6I6354 3G8354 7T3354	**J 350**	345	206	43	9.3	**E 354** C-HDL-PR S-SP-T-V	16000	21.0 → 23.0
E 240 225 320 - 321	**E 324.1**	-	**J 350**	345	206	37	10.1	**E 354** C-HDL-PR S-SP-T-V	16000	21.0 → 23.0
231 322 - 325	**E 325**	6I6404 7T3404	**J 400**	385	230	47	13.9	**E 355** HDL S	20000	24.0 → 29.0
E 300 235 325 -330	**E 326.1**	159-0464 8E6464	**J 460**	440	283	52	20.3	**E 356** C-HDL PR-S	25000	30.0 → 39.0
245 330	**E 327**	6I6554 1U1553	**J 550**	513	340	63	32.4	**E 357** C-HDL S	40000	40.0 → 60.0
375	**E 328**	6I6604	**J 600**	567	356	75	57	**E 358** HDL	50000	-

PUNTE TIPO CATERPILLAR DI NOSTRA PRODUZIONE
CATERPILLAR TYPE TIPS OF OUR PRODUCTION
ZAHNSPITZEN TYP CATERPILLAR UNSERER HERSTELLUNG
POINTES TYPE CATERPILLAR DE NOTRE PRODUCTION

L

C

V

PR

HDL

HDA

S

SP

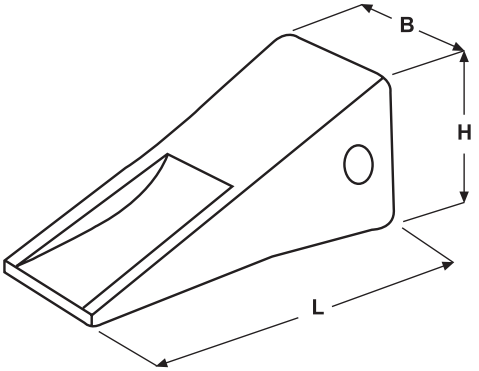
T

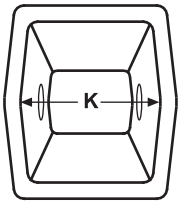
R

RIPPER

RIPPER

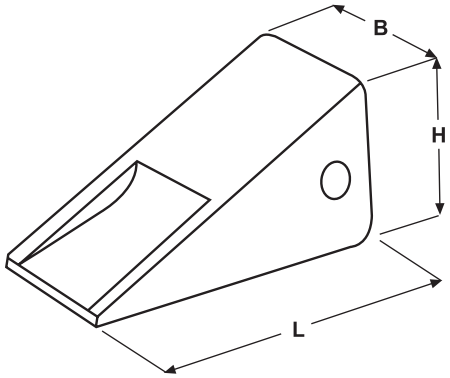
PUNTE LUNGHE TIPO CATERPILLAR
CATERPILLAR TYPE LONG TIPS
LANGE ZAHNSPITZEN TYP CATERPILLAR
POINTES LONGUES TYPE CATERPILLAR

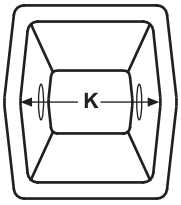




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 350	1U3202	**J 200**	148	55	63	40	1.2	E 302 - E 310 E 320	E 370	E 380 E 380.1
E 351	6Y3222	**J 225**	171	60	79	49	1.9	E 321	E 371	E 381
E 352	1U3252	**J 250**	193	65	85	55	2.8	E 303 - E 311 E 322	E 372	E 381 E 381.1
E 353	1U3302	**J 300**	220	88	96	67	4.4	E 304 - E 305 - E 306 E 312 - E 323 - E 323.1	E 373	E 381 E 381.1
E 354	1U3352	**J 350**	243	90	105	75	5.8	E 307 - E 313 E 324 - E 324.1	E 374	E 382 E 382.1
E 355	7T3402	**J 400**	273	105	127	88	9.1	E 325	E 375	E 383
E 356	9W8452 1U3452	**J 460**	300	116	125	98	11.1	E 314.1 E 326.1	E 377	E 384
E 357	9W8552 1U3552	**J 550**	333	140	142	120	17.2	E 315 E 327	E 378	E 385 E 385.1
E 358	6I6602	**J 600**	380	179	185	144	36	E 328	E 379	E 386

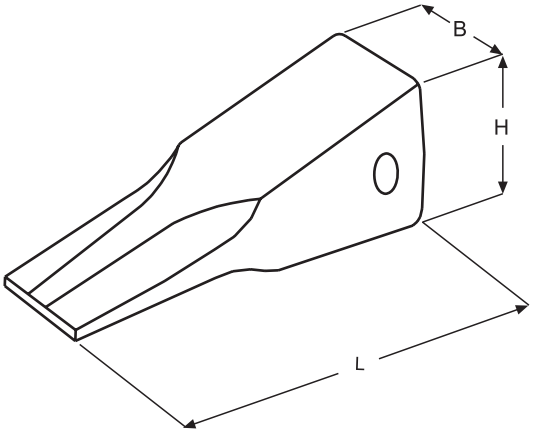
PUNTE CORTE TIPO CATERPILLAR
CATERPILLAR TYPE SHORT TIPS
KURZE ZAHNSPITZEN TYP CATERPILLAR
POINTES COURTES TYPE CATERPILLAR

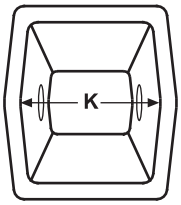




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 352 C	1U3251	**J 250**	167	65	86	55	2.3	E 303 - E 311 E 322	E 372	E 381 E 381.1
E 353 C	1U3301	**J 300**	190	84	97	67	3.6	E 304 - E 305 - E 306 E 312 - E 323 - E 323.1	E 373	E 381 E 381.1
E 354 C	1U3351	**J 350**	213	95	109	75	5.8	E 307 - E 313 E 324 - E 324.1	E 374	E 382 E 382.1
E 356 C	9W8451 1U3451	**J 460**	272	120	133	98	10.2	E 314.1 E 326.1	E 377	E 384
E 357 C	9W8551 1U3551	**J 550**	290	142	148	120	15.9	E 315 E 327	E 378	E 385 E 385.1

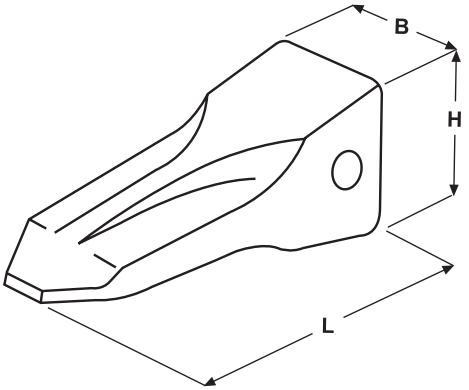
PUNTE LUNGHE TIPO CATERPILLAR SERIE V
LONG TIPS TYPE CATERPILLAR RANGE V
LANGE ZAHNSPITZEN TYP CATERPILLAR SERIE V
POINTES LONGUES TYPE CATERPILLAR SERIE V

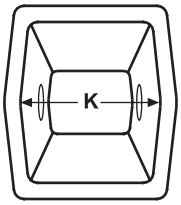




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 351 V	6Y3222 V	**J 225**	170	58	78	49	2.0	E 321	E 371	E 381
E 352 V	1U3252 V	**J 250**	200	68	83	55	3.0	E 303 - E 311 - E 322	E 372	E 381 E 381.1
E 353 V	1U3302 V	**J 300**	220	77	95	67	4.2	E 304 - E 305 - E 306 E 312 - E 323 - E 323.1	E 373	E 381 E 381.1
E 354 V	1U3352 V	**J 350**	245	91	105	75	5.8	E 307 - E 313 - E 324 E 324.1	E 374	E 382 E 382.1

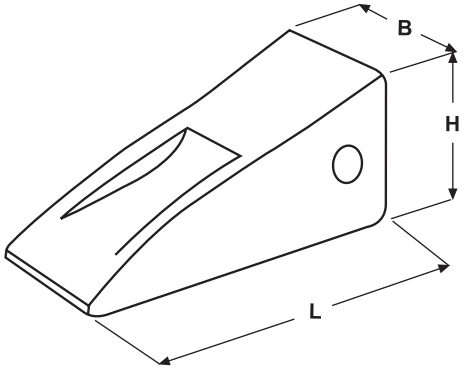
PUNTE PENETRAZIONE PLUS TIPO CATERPILLAR PER ESCAVATORI
CATERPILLAR TYPE PENETRATION PLUS TIPS FOR EXCAVATORS
PENETRATION PLUS ZAHNSPITZEN TYP CATERPILLAR FÜR BAGGER
POINTES PENETRATION PLUS TYPE CATERPILLAR POUR EXCAVATEURS

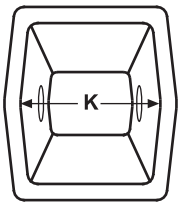




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 353 PR	183-5300	**J 300**	238	80	105	67	5.2	E 323 - E 323.1	E 373	E 381 E 381.1
E 354 PR	168-1359	**J 350**	260	93	120	75	7.1	E 324 - E 324.1	E 374	E 382 E 382.1
E 356 PR	159-0459	**J 460**	330	126	140	98	14.8	E 326.1	E 377	E 384

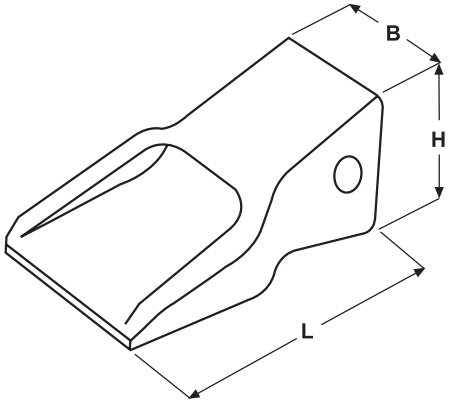
PUNTE HEAVY DUTY LUNGHE TIPO CATERPILLAR
CATERPILLAR TYPE HEAVY DUTY LONG TIPS
LANGE HEAVY DUTY ZAHNSPITZEN TYP CATERPILLAR
POINTES HEAVY DUTY LONGUES TYPE CATERPILLAR

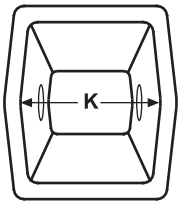




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 352 HDL	9N4252	**J 250**	200	66	92	55	3.4	E 303 - E 311 E 322	E 372	E 381 E 381.1
E 353 HDL	9N4302	**J 300**	226	81	105	67	5.6	E 304 - E 305 - E 306 E 312 - E 323 - E 323.1	E 373	E 381 E 381.1
E 354 HDL	9N4352	**J 350**	260	94	115	75	8.1	E 307 - E 313 E 324 - E 324.1	E 374	E 382 E 382.1
E 355 HDL	8E4402	**J 400**	287	110	131	88	11.1	E 325	E 375	E 383
E 356 HDL	9N4452	**J 460**	325	125	145	98	17.2	E 314.1 E 326.1	E 377	E 384
E 357 HDL	9N4552	**J 550**	360	140	160	120	26.7	E 315 E 327	E 378	E 385 E 385.1
E 358 HDL	7Y0602	**J 600**	413	197	200	145	46.0	E 328	E 379	E 386

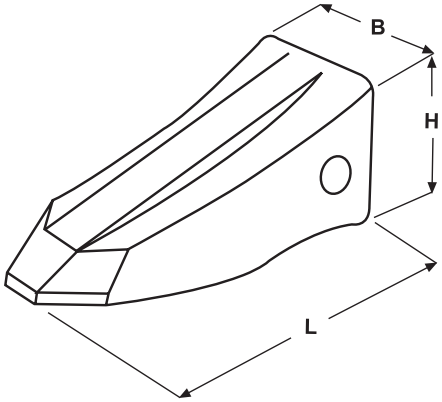
PUNTE HEAVY DUTY ABRASIVE TIPO CATERPILLAR
CATERPILLAR TYPE HEAVY DUTY ABRASION TIPS
VERSTÄRKTE HEAVY DUTY ZAHNSPITZEN TYP CATERPILLAR
POINTES HEAVY DUTY ABRASIVES TYPE CATERPILLAR

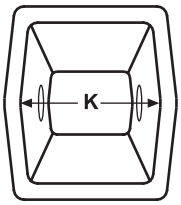




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 352 HDA	9N4253	**J 250**	200	65	92	55	4.8	E 303 - E 311	E 372	E 381 E 381.1
E 353 HDA	9N4303	**J 300**	225	80	104	67	7.5	E 304 - E 305 E 306 - E 312	E 373	E 381 E 381.1
E 354 HDA	9N4353	**J 350**	253	95	113	75	10.8	E 307 - E 313	E 374	E 382 E 382.1
E 356 HDA	9N4453	**J 460**	310	126	142	99	21.0	E 314.1	E 377	E 384
E 357 HDA	6Y2553	**J 550**	347	160	162	109	32.0	E 315	E 378	E 385 E 385.1

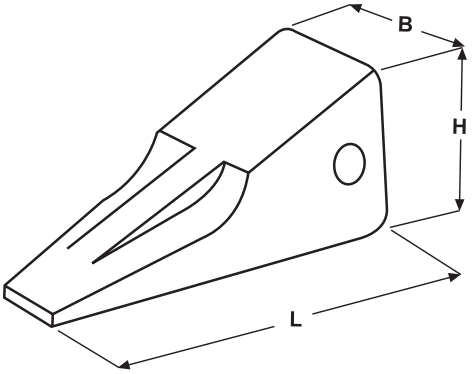
PUNTE RINFORZATE TIPO CATERPILLAR PER PALE
CATERPILLAR TYPE REINFORCED TIPS FOR LOADERS
VERSTÄRKTE ZAHNSPITZEN TYP CATERPILLAR FÜR LADER
POINTES RENFORCÉES TYPE CATERPILLAR POUR PELLES-CHARGEUSES

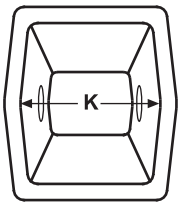




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 353 R	135-9300 (9N4303R)	**J 300**	235	82	105	67	6.1	E 304 - E 305 E 306 - E 312	E 373	E 381 E 381.1
E 354 R	144-1358 (9N4353R)	**J 350**	275	98	118	75	9.0	E 307 - E 313	E 374	E 382 E 382.1
E 356 R	138-6451 (9N4453R)	**J 460**	350	132	144	98	19.1	E 314.1	E 377	E 384

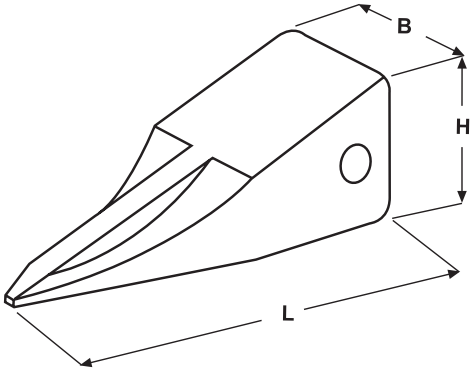
PUNTE PENETRAZIONE TIPO CATERPILLAR
CATERPILLAR TYPE PENETRATION TIPS
SCHARFE ZAHNSPITZEN TYP CATERPILLAR
POINTES PENETRATION TYPE CATERPILLAR

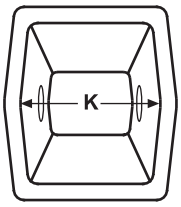




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 353 S	9J4309	**J 300**	220	90	99	67	3.8	E 304 - E 305 - E 306 E 312 - E 323 - E 323.1	E 373	E 381 E 381.1
E 354 S	9J4359	**J 350**	250	98	108	75	5.4	E 307 - E 313 E 324 - E 324.1	E 374	E 382 E 382.1
E 355 S	6Y7409	**J 400**	275	110	130	88	8.2	E 325	E 375	E 383
E 356 S	9W8459 9J4459	**J 460**	300	120	132	98	10.0	E 314.1 E 326.1	E 377	E 384
E 357 S	9W8559 9J4559	**J 550**	344	144	150	120	14.9	E 315 E 327	E 378	E 385 E 385.1
E 358 S	7I7609	**J 600**	393	192	185	149	29.0	E 328	E 379	E 386

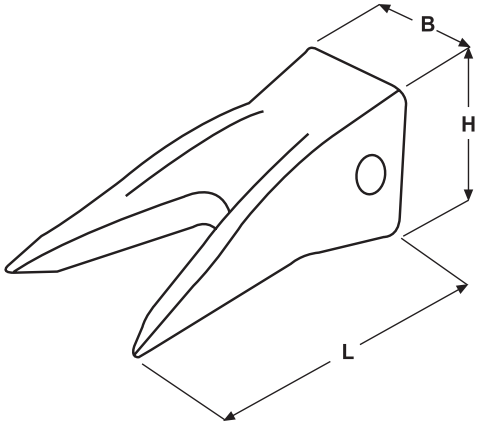
PUNTE A PUNTA TIPO CATERPILLAR
CATERPILLAR TYPE SHARP TIPS
KONISCHE ZAHNSPITZEN TYP CATERPILLAR
POINTES EFFILLÉES TYPE CATERPILLAR

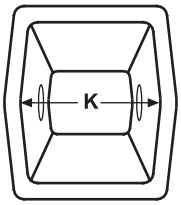




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 352 SP	9W8259	**J 250**	198	65	85	55	2.0	E 303 - E 311 E 322	E 372	E 381 E 381.1
E 353 SP	9W8309	**J 300**	225	80	96	67	3.5	E 304 - E 305 - E 306 E 312 - E 323 - E 323.1	E 373	E 381 E 381.1
E 354 SP	9W2359	**J 350**	255	92	109	75	5.3	E 307 - E 313 E 324 - E 324.1	E 374	E 382 E 382.1

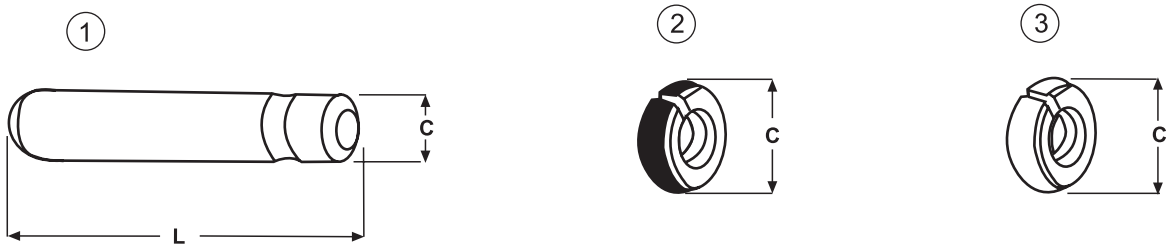
PUNTE A DOPPIA PUNTA TIPO CATERPILLAR
CATERPILLAR TYPE TWIN SHARP TIPS
V - ZAHNSPITZEN TYP CATERPILLAR
DENTS SUPER - PENETRATION DOUBLE





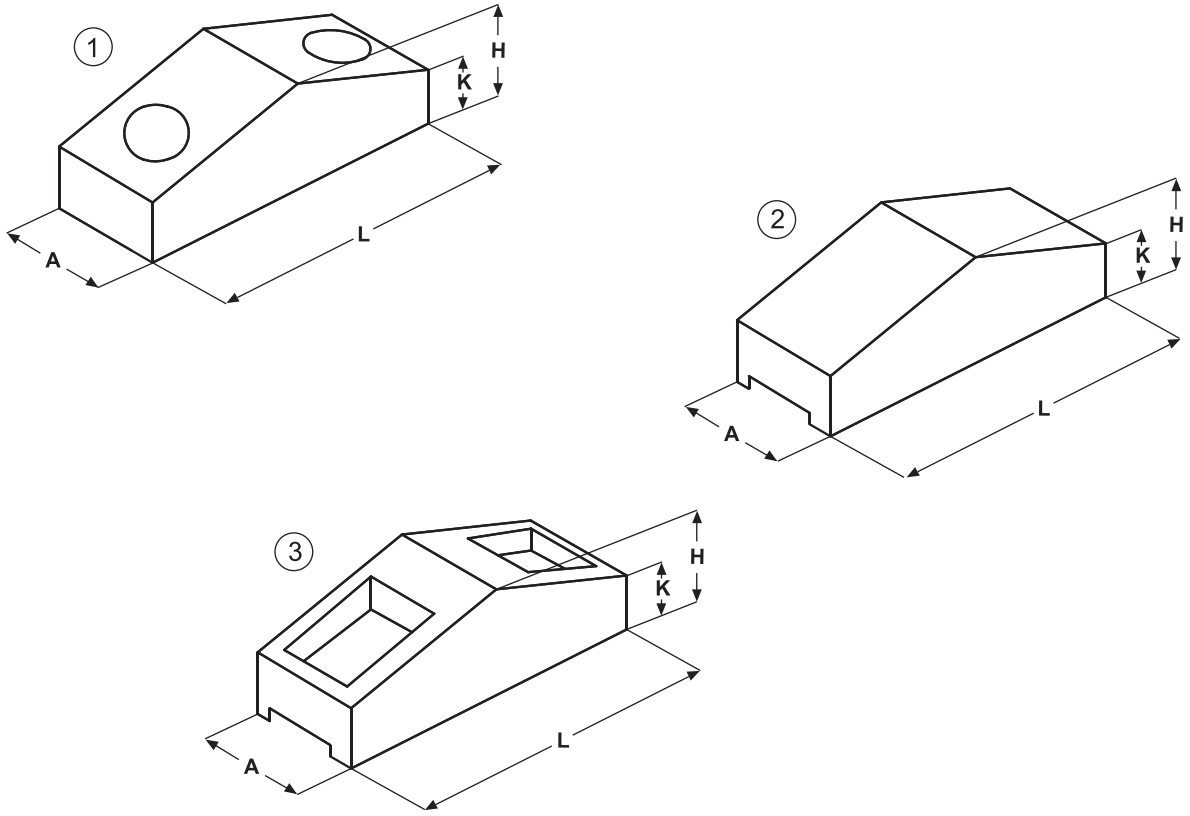
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE	RONDELLA RETAINER RING RONDELLE
			L	B	H	K				
E 353 T	135-9308	**J 300**	233	80	103	67	5.0	E 323 - E 323.1	E 373	E 381 E 381.1
E 354 T	135-9357	**J 350**	272	92	110	75	7.0	E 324 - E 324.1	E 374	E 382 E 382.1

PERNI E RONDELLE PER PUNTE TIPO CATERPILLAR
PINS AND RETAINERS FOR CATERPILLAR TYPE TIPS
BOLZEN UND RINGE FÜR ZAHNSPITZEN TYP CATERPILLAR
AXES ET RONDELLES POUR POINTES TYPE CATERPILLAR



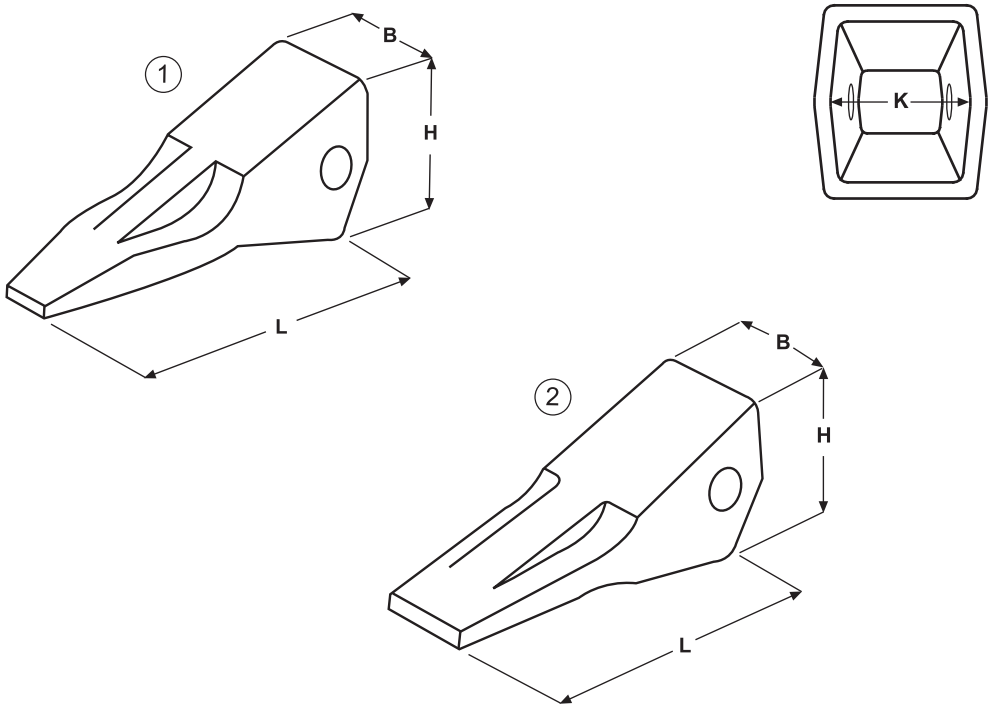
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	CLASSE SIZE KLASSE CLASSE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PUNTA TIP SPITZE POINTE
				L	C		
E 370	8E6208 - 1U4208 - 9W7112	**J 200**	1	57	11	E 301 - E 302 E 310 - E 320	**E 350**
E 380	8E6209		2	-	22		
E 380.1	4T0001 - 9J4209		3	-	18		
E 371	6Y3228 - 1324762	**J 225**	1	65	14	E 321	**E 351** V
E 381	8E6259 - 1495733		2	-	30		
E 372	8E6258 - 1324763	**J 250**	1	77	14	E 303 - E311 E 322	**E 352** C - HDA - HDL SP - V
E 381	8E6259 - 1495733		2	-	30		
E 381.1	3G9609 - 8J5309		3	-	27		
E 373	9J2308 - 8J5308 - 1073308	**J 300**	1	92	14	E 304 - E 305 E 306 - E 312 E 323	**E 353** C - HDA - HDL - PR R - S - SP - T - V
E 381	8E6259 - 1495733		2	-	30		
E 381.1	3G9609 - 8J5309		3	-	32		
E 374	8E6358 - 1140358 - 9J2358	**J 350**	1	105	19	E 307 - E 313 E 324 - E 324.1	**E 354** C - HDA - HDL - PR R - S - SP - T - V
E 382	8E6359 - 1140359		2	-	39		
E 382.1	3G9549 - 7J6845		3	-	32		
E 375	7T3408 - 1167408	**J 400**	1	118	22	E 325	**E 355** HDL - S
E 383	8E8409 - 1167409		2	-	43		
E 376	6Y2527 - 1U1458 - 4T1458	**J 460**	1	130	19	(7T8454) (1U1454)	**E 356** C - HDA - HDL - PR R - S
E 382	8E6359 - 1140359		2	-	39		
E 382.1	3G9549 - 7J6845		3	-	32		
E 377	8E0468 - 1140468	**J 460**	1	133	24	E 314.1 E 326.1	**E 356** C - HDA - HDL - PR R - S
E 384	8E8469 - 1073469		2	-	44		
E 378	6Y8558 - 1073378 - 1U1558	**J 550**	1	163	25	E 315 E 327	**E 357** C- HDA - HDL - S
E 385	8E5559 - 1078559		2	-	52		
E 385.1	3G9559 - 7J9559		3	-	48		
E 379	6I6608 - 1139608	**J 600**	1	192	30	E 328	**E 358** HDL - S
E 386	6I6609 - 1139609		2	-	59		

PUNTE COMPACTOR TIPO CATERPILLAR
CATERPILLAR TYPE COMPACTOR TIPS
COMPACTOR SPITZEN TYP CATERPILLAR
POINTES COMPACTOR TYPE CATERPILLAR



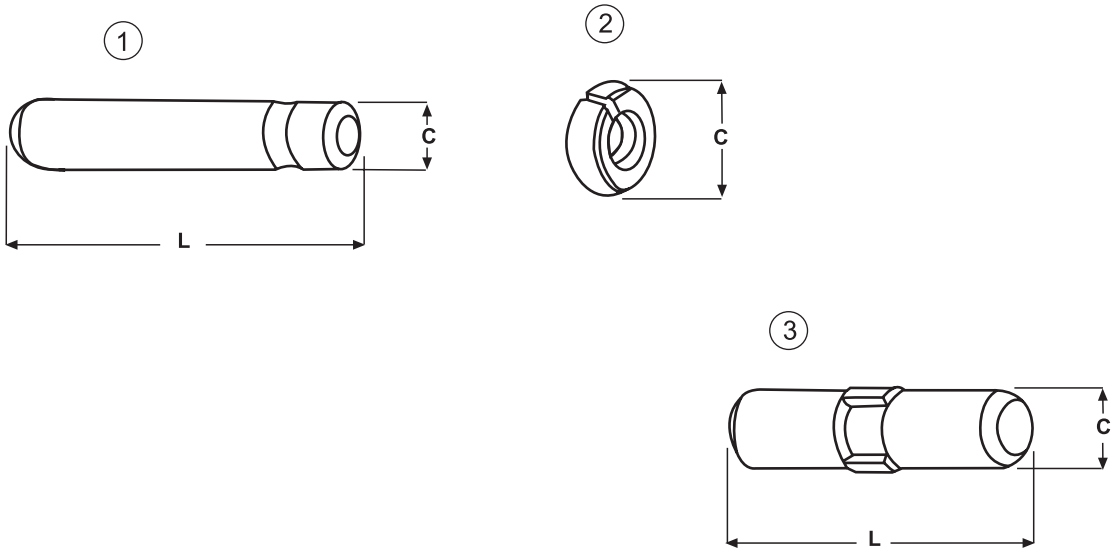
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)
				L	A	H	K	
815 - 815B - 815F	**E 410**	2V7053	3	166	79	72	40	3.5
815 - 815B - 815F	**E 411**	8K9189	1	170	70	65	33	3.9
815 - 815B - 815F	**E 412**	4V3851	2	168	82	77	42	4.5
825C	**E 413**	4V0668	2	224	84	91	51	7.5
825C - 835	**E 414**	8K9171	1	230	78	81	40	6.8

PUNTE RIPPER TIPO CATERPILLAR
CATERPILLAR TYPE RIPPER TIPS
RIPPER ZAHNSPITZEN TYP CATERPILLAR
POINTES RIPPER TYPE CATERPILLAR



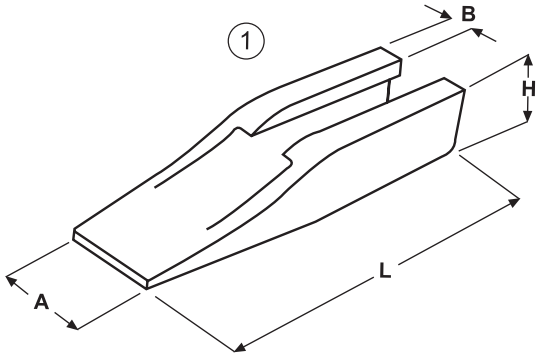
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	FISSAGGIO LOCK SICHERUNG FIXAGE
				L	B	H	K		
D4 963 - 12 -14	**E 360**	6Y0309 9J8910	1	295	75	107	60	4.5	E 365 + E 366
D5 - D6 - D7 973 - 16	**E 361**	6Y0359 9J8920	1	355	90	140	80	11.1	E 367 + E 366
D8 - D8C - D8L D8H - D8K - D8N D9H - D9N - D9R	**E 362 C**	9W2451	2	320	110	168	86	14.9	E 368 E 368.1 + E 368.2
	E 362 M	9W2452	2	365	110	168	86	17.4	
	E 363 C	4T5451	1	336	125	168	86	17.0	
	E 363 M	4T5452	1	402	125	168	86	17.0	
D9L - D9RHD D10 - D10N - D10R	**E 364 C**	4T5501	1	370	128	220	106	24.8	E 369 E 369.1 + E369.2
	E 364 M	4T5502	1	430	128	220	106	27.7	

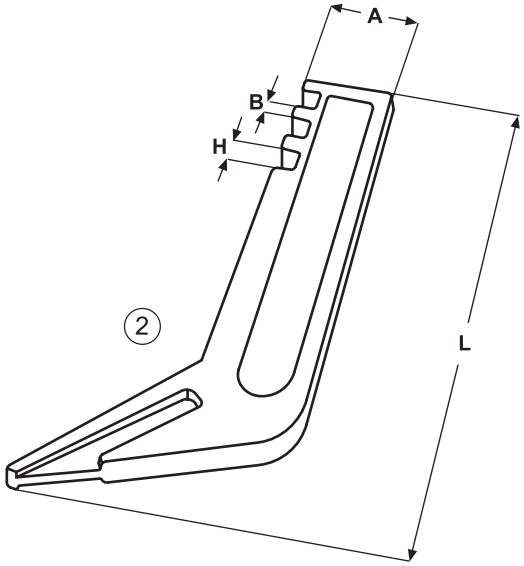
PERNI E RONDELLE PER PUNTE RIPPER TIPO CATERPILLAR
PINS AND RETAINERS FOR CATERPILLAR TYPE RIPPER TIPS
BOLZEN UND RINGE FÜR RIPPER ZAHNSPITZEN TYP CATERPILLAR
AXES ET RONDELLES POUR POINTES RIPPER TYPE CATERPILLAR



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PUNTA TIP SPITZE POINTE
			L	C	
E 365	9W2668	1	85	19	E 360
E 366	1U2405	2	-	38	
E 367	9W2678	1	105	19	E 361
E 366	1U2405	2	-	38	
E 368	7J9600 (4T2479)	3	120	25	E 362 C - E 362 M E 363 C - E 363 M
E 368.1	6Y3394	1	125	25	E 362 C - E 362 M E 363 C - E 363 M
E 368.2	8E4743	2	-	48	
E 369	3G0500 - 1029062	3	152	32	E 364 C - E 364 M
E 369.1	6Y3909	1	143	32	E 364 C - E 364 M
E 369.2	4T4707	2	-	64	

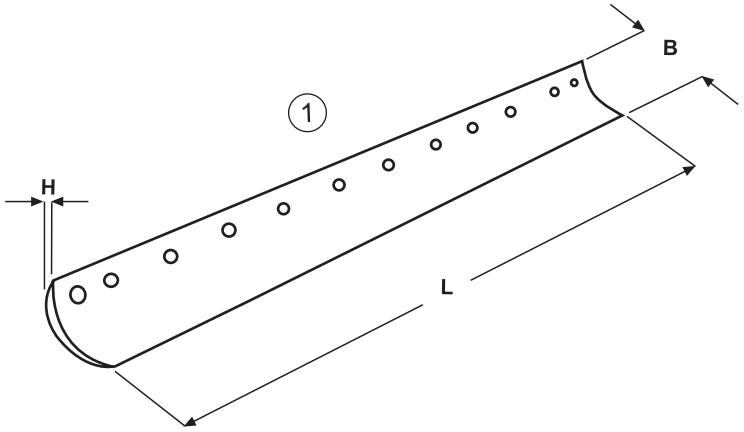
PARTICOLARI GRADER TIPO CATERPILLAR
CATERPILLAR TYPE GRADER PARTS
GRADER TEILE TYP CATERPILLAR
PIÈCES POUR GRADER TYPE CATERPILLAR





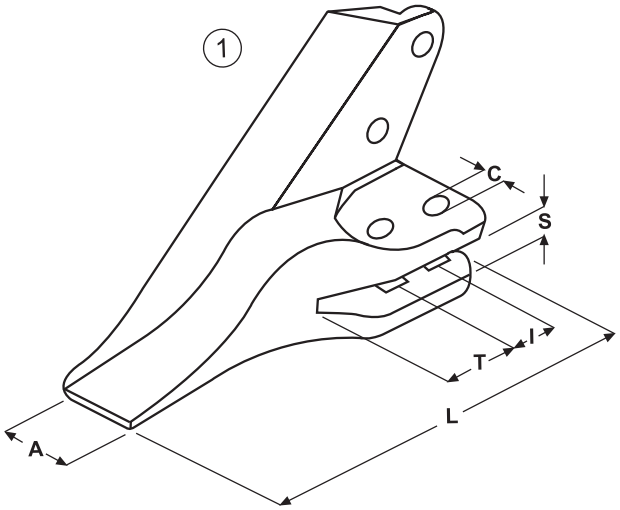
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)
			L	A	B	H	
E 390	2D5572 - 6Y5230	1	184	45	14	33	1.2
E 391	9F5124	2	425	76	20	20	5.4

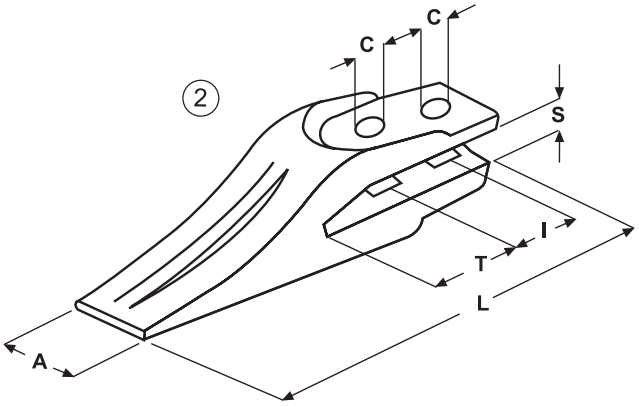
LAME GRADER TIPO CATERPILLAR
CATERPILLAR TYPE GRADER EDGES
GRADERMESSER TYP CATERPILLAR
LAMES GRADER TYPE CATERPILLAR



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS			VITE BOLT SCHRAUBE BOULON (Ø)	N. FORI HOLES BOHRUNGEN TROUS	PESO WEIGHT GEWICHT POIDS (KG)
			L	B	H			
E 402	5D9553 - 7T1633	1	1828	152	16	16 (5/8")	13	29.5
E 405	5D9554 - 7T1645	1	2133	152	16	16 (5/8")	15	34.5

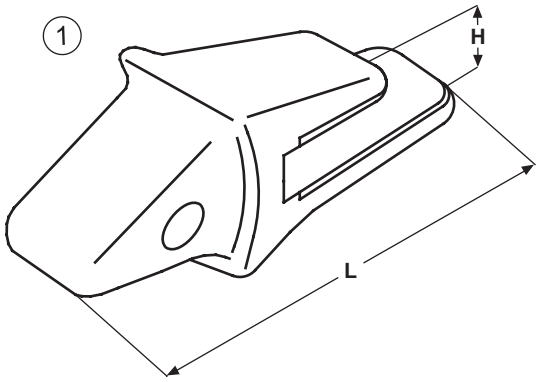
DENTI A FORCELLA TIPO KOMATSU
FORK TEETH TYPE KOMATSU
GABELZÄHNE TYP KOMATSU
DENTS À FOURCHE TYPE KOMATSU

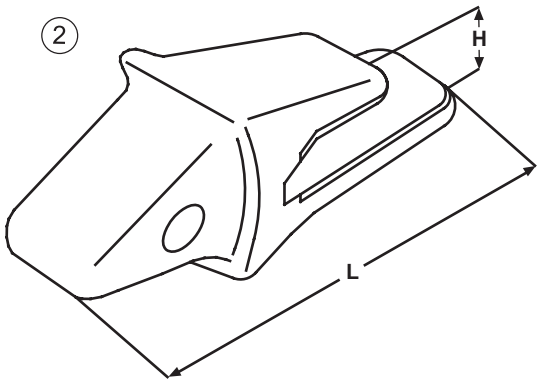




MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	VITE / DADO BOLT / NUT SCHRAUBE / MUTTER BOULON / ÉCROU
				L	A	T	I	S	C		
TERNE BACK-HOE LOADERS BAGGERLADER TRACTO-PELLES	**E 27**	312204054 42N-883-1390	2	285	50	51	80	22	18	3.7	E 620
	E 27 R	312204052 42N-812-1230	1	300	50	47.5	80	22	18	6.8	E 620
	E 27 L	312204053 42N-812-1220	1	300	50	47.5	80	22	18	6.8	E 620

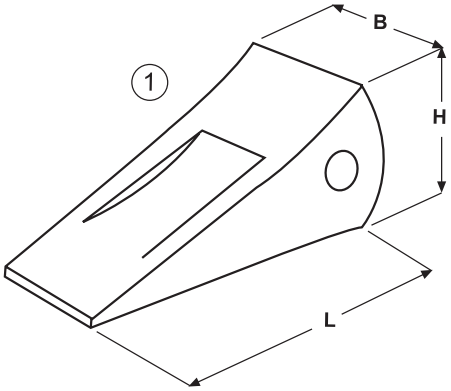
PORTAPUNTA A SALDARE TIPO KOMATSU PER ESCAVATORI
KOMATSU TYPE WELD-ON ADAPTERS FOR EXCAVATORS
ZAHNHALTER ZUM ANSCHWEIßEN TYP KOMATSU FÜR BAGGER
PORTE-POINTES À SOUDER TYPE KOMATSU POUR EXCAVATEURS

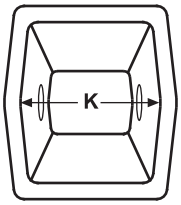




MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PESO WEIGHT GEWICHT POIDS (KG)	PUNTA TIP SPITZE POINTE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
				L	H			
PC200 - PC220 PW 210	**E 484**	205-939-7120	1	290	33.5	7.0	E 494	15500
	E 484.1	205-70-68141	2	290	33.5	7.0		
PC300 - PC360	**E 485**	207-939-3120	1	367	42	13.5	E 495	22500
	E 485.1	207-70-14142	2	367	42	14.0		
PC 400	**E 486.1**	208-70-14143	2	411	47	21.5	E 496	29500

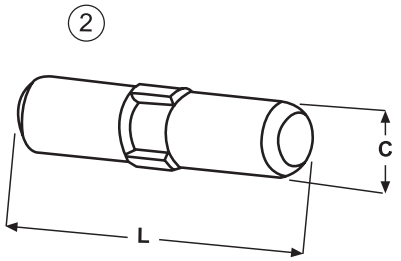
PUNTE TIPO KOMATSU
KOMATSU TYPE TIPS
ZAHNSPITZEN TYP KOMATSU
POINTES TYPE KOMATSU





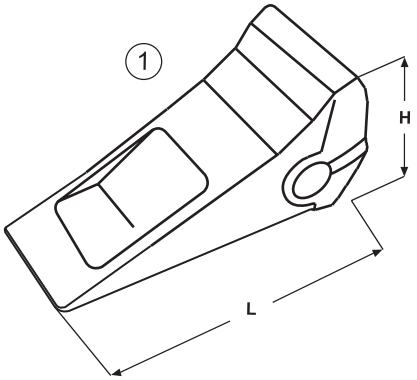
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PERNO PIN BOLZEN AXE
			L	B	H	K			
E 494	205-70-19570	1	220	85	100	76	4.0	E 484 - E 484.1	E 490
E 495	207-70-14151	1	238	107	113	93	5.7	E 485 - E 485.1	E 491
E 496	208-70-14152	1	280	140	121	110	9.7	E 486.1	E 492

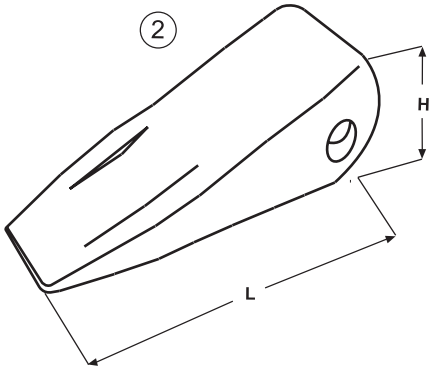
PERNI PER PUNTE TIPO KOMATSU
PINS FOR TIPS TYPE KOMATSU
BOLZEN FÜR ZAHNSPITZEN TYP KOMATSU
AXES POUR POINTES TYPE KOMATSU



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS		PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PUNTA TIP SPITZE POINTE
			L	C		
E 490	09244-02496	2	96	25	E 484 - E 484.1	E 494
E 491	09244-02516	2	117	25	E 485 - E 485.1	E 495
E 492	09244-03036	2	136	30	E 486.1	E 496

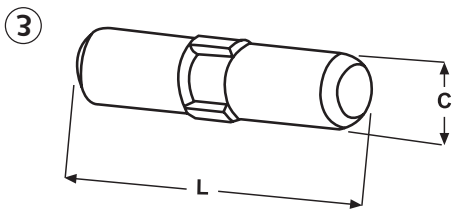
PUNTE RIPPER TIPO KOMATSU
RIPPER TIPS TYPE KOMATSU
RIPPER ZAHNSPITZEN TYP KOMATSU
POINTES RIPPER TYPE KOMATSU





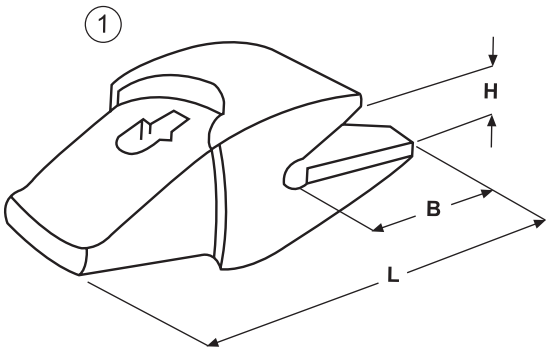
MODELLO MODEL MODELL MODÈLE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PESO WEIGHT GEWICHT POIDS (KG)	PERNO PIN BOLZEN AXE
				L	H		
D60 D56-7 - D65-8 - D65-12 D75A-1 D75S-3 - D75S-5	**E 497**	141-78-11253	1	278	125	11.5	E 493
D85-18 - D85-21 D135A-1 - D135A-2 D150A-1 D155A-1 - D155A-2	**E 498**	175-78-31230	2	335	130	15.5	E 493
D275A-2 D355A-3 D455-1	**E 499**	195-78-21331	2	365	155	18.0	E 493

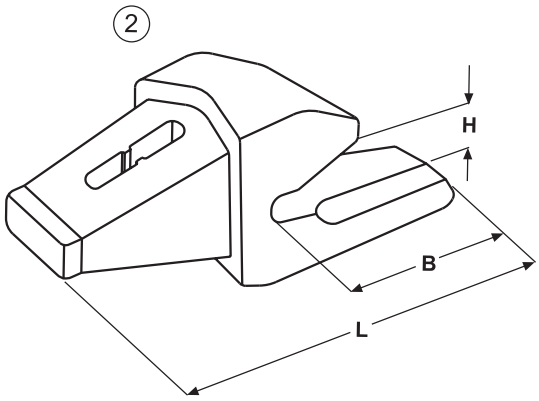
PERNI PER PUNTE RIPPER TIPO KOMATSU
PINS FOR RIPPER TIPS TYPE KOMATSU
BOLZEN FÜR RIPPER ZAHNSPITZEN TYP KOMATSU
AXES POUR POINTES RIPPER TYPE KOMATSU



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PUNTA TIP SPITZE POINTE
			L	C	
E 493	09244 - 02508	3	109	25	E 497 - E 498 - E 499

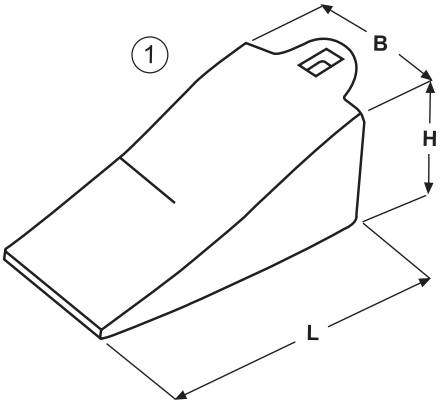
PORTAPUNTA A SALDARE TIPO ESCO
ESCO TYPE WELD-ON ADAPTERS
ZAHNHALTER ZUM ANSCHWEIßEN TYP ESCO
PORTE-POINTES À SOUDER TYPE ESCO

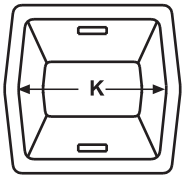


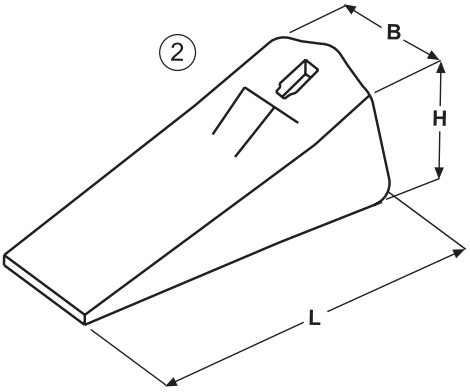


NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)	PUNTA TIP SPITZE POINTE
			L	B	H		
E 445	833-18	1	170	95	21	1.6	E 450
E 446	855-25	2	215	131	28	3.3	E 451 - E 451 T
E 447	855-30	2	218	128	28	4.1	E 452 - E 452 T
E 448	3803-35	2	324	211	30	7.7	E 453 - E 453 T
E 449	3803-40	2	376	250	37	11.7	E 454 - E 454 T

PUNTE TIPO ESCO SERIE S
ESCO TYPE TIPS RANGE S
ZAHNSPITZEN TYP ESCO SERIE S
POINTES TYPE ESCO SÉRIE S

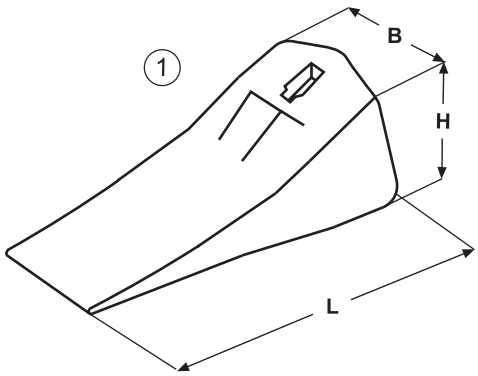


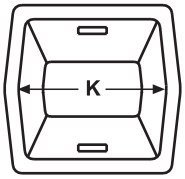




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	CHIAVETTA KEY KEIL CLAVETTE	GOMMINO RUBBER KEILHALTER BLOC
			L	B	H	K				
E 450	18 TL	1	120	56	52	45	1.1	E 445	E 460	E 465
E 451	25 S	2	165	79	61	64	2.1	E 446	E 461	E 466
E 452	30 S	2	165	93	68	75	2.8	E 447	E 461	E 466
E 453	35 S	2	191	107	68	89	3.6	E 448	E 462	E 467
E 454	40 S	2	220	122	82	101	5.3	E 449	E 463	E 467
E 455	45 S	2	255	141	84	111	9.3	-	E 464	E 468

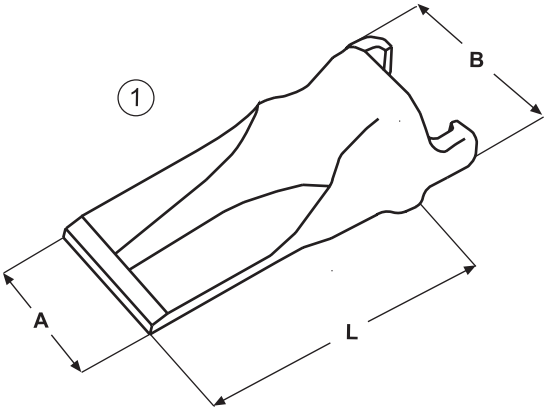
PUNTE TIPO ESCO SERIE T
ESCO TYPE TIPS RANGE T
ZAHNSPITZEN TYP ESCO SERIE T
POINTES TYPE ESCO SÉRIE T

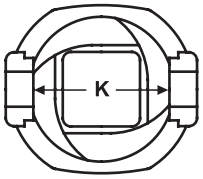




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	CHIAVETTA KEY KEIL CLAVETTE	GOMMINO RUBBER KEILHALTER BLOC
			L	B	H	K				
E 451 T	25 T	1	169	81	73	64	2.6	E 446	E 461	E 466
E 452 T	30 T	1	170	90	64	75	3.3	E 447	E 461	E 466
E 453 T	35 T	1	210	105	90	89	4.2	E 448	E 462	E 467
E 454 T	40 T	1	210	120	70	101	6.0	E 449	E 463	E 467

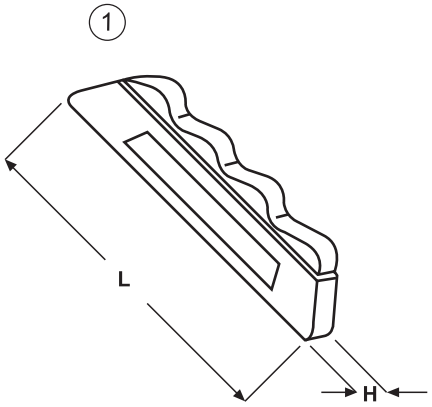
PUNTE TIPO ESCO SERIE SYL
ESCO TYPE TIPS SYL RANGE
ZAHNSPITZEN TYP ESCO SERIE SYL
POINTES TYPE ESCO SÉRIE SYL

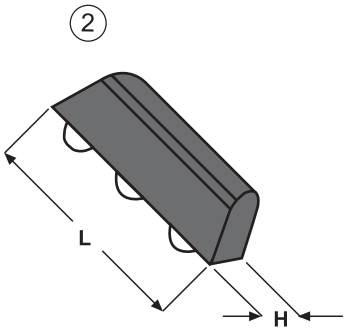




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)
			L	A	B	K	
E 470	21 SYL	1	190	75	89	60	3.1
E 471	27 SYL	1	200	90	105	69	4.2
E 472	37 SYL	1	236	118	121	83	7.0
E 473	47 SYL	1	282	129	148	100	11.0
E 474	57 SYL	1	322	140	165	112	19.5

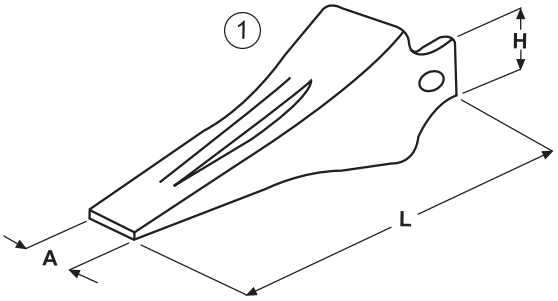
BLOCCAGGI PER PUNTE TIPO ESCO SERIE S-T
LOCKS FOR TIPS TYPE ESCO RANGE S-T
SICHERUNGEN FÜR ZAHNSPITZEN TYP ESCO SERIE S-T
CLAVETAGES POUR POINTES TYPE ESCO SÉRIE S-T

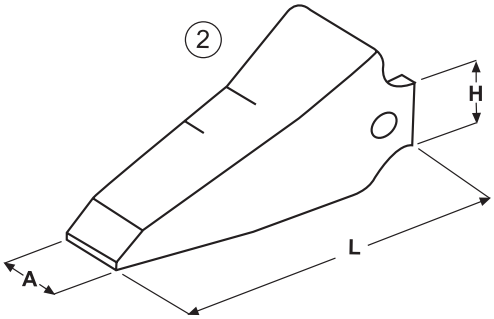




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PUNTA TIP SPITZE POINTE
			L	H		
E 460	18 PN	1	53	6	E 445	E 450
E 465	18 LK	2	36	12		
E 461	25-30 PN	1	73	9	E 446 E 447	E 451 - E 451 T E 452 - E 452 T
E 466	25-30 LK	2	39	11		
E 462	35 PN	1	86	11	E 448	E 453 - E 453 T
E 467	35-40 LK	2	48	15		
E 463	40 PN	1	92	13	E 449	E 454 - E 454 T
E 467	35-40 LK	2	48	15		
E 464	45 PN	1	116	14	-	E 455
E 468	45 LK	2	57	16		

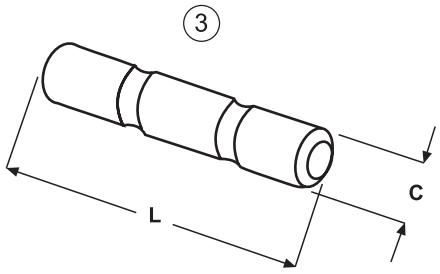
PUNTE RIPPER TIPO ESCO
ESCO TYPE RIPPER TIPS
RIPPER ZAHNSPITZEN TYP ESCO
POINTES RIPPER TYPE ESCO

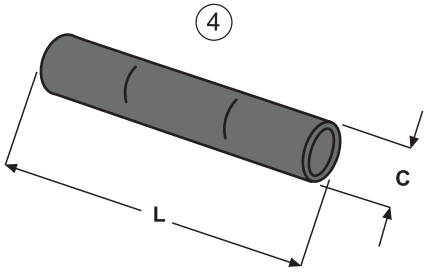




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)	PERNO PIN BOLZEN AXE	GOMMINO RUBBER KEILHALTER BLOC
			L	A	H			
E 456	25 R-12	1	310	52	48	5.3	E 458	E 458.1
E 457	35 R-14 A	2	360	72	75	12.7	E 459	E 459.1

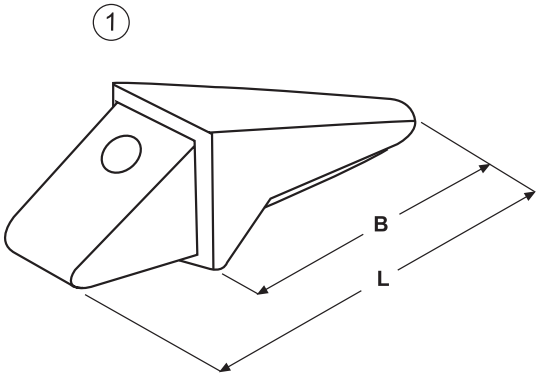
BLOCCAGGI PER PUNTE RIPPER TIPO ESCO
ESCO TYPE LOCKS FOR RIPPER TIPS
SICHERUNGEN TYP ESCO FÜR RIPPER ZAHNSPITZEN
CLAVETAGES TYPE ESCO POUR POINTES RIPPER

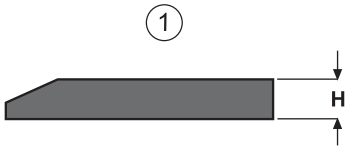


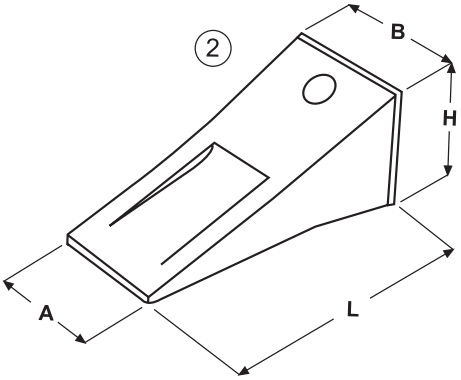


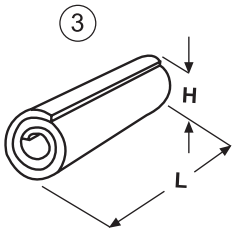
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PUNTA TIP SPITZE POINTE
			L	C	
E 458	25-RP	3	95	13	E 456
E 458.1	25-RB	4	67	21	
E 459	35-RP	3	121	13	E 457
E 459.1	35-RB	4	83	23	

PORTAPUNTA E PUNTE TIPO ESTI PER MINI PALE
ESTI TYPE ADAPTERS AND TIPS FOR MINI LOADERS
ZAHNHALTER UND ZAHNSPITZEN TYP ESTI FÜR MINILADER
PORTE-POINTES ET POINTES TYPE ESTI POUR MINI PELLES-CHARGEUSES



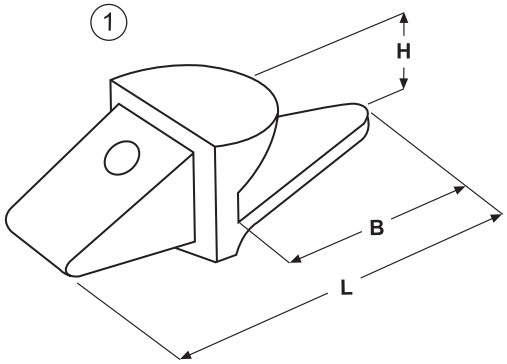


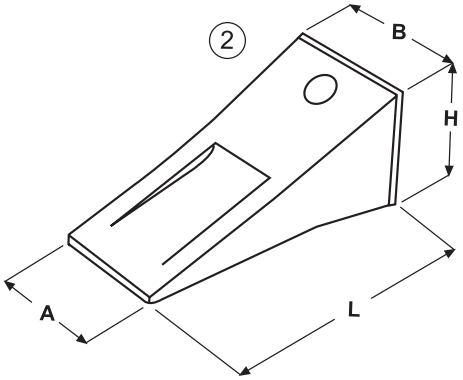


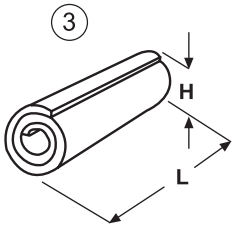


NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
		L	A	B	H		
E 510	1	152	-	95	12 - 16	0.85	3000
E 501	2	97	40	46	45	0.60	
E 502	3	40	-	-	8	0.01	
E 512	1	171	-	105	16 - 20	1.25	4000
E 521	2	114	50	53	54	0.95	
E 522	3	50	-	-	10	0.02	

PORTAPUNTA E PUNTE TIPO ESTI PER MINI ESCAVATORI
ESTI TYPE ADAPTERS AND TIPS FOR MINI EXCAVATORS
ZAHNHALTER UND ZAHNSPITZEN TYP ESTI FÜR MINIBAGGER
PORTE-POINTES ET POINTES TYPE ESTI POUR MINI EXCAVATEURS

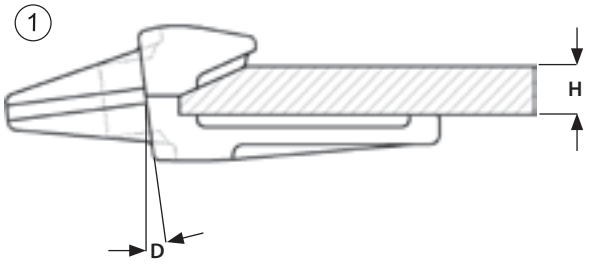


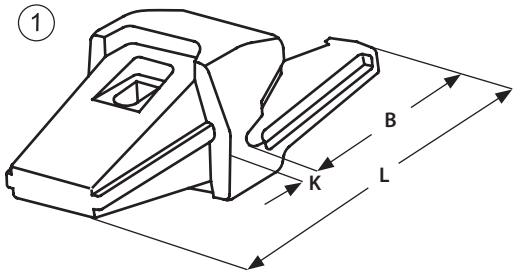




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)	PESO ESCAVATORE EXCAVATOR WEIGHT BAGGER GEWICHT POIDS EXCAVATEUR (KG)
		L	A	B	H			
E 500	1	141	-	86	18	0.75	3000	1.0 → 2.5
E 501	2	97	40	46	45	0.60		
E 502	3	40	-	-	8	0.01		
E 520	1	156	-	94	22	1.15	4000	3.0 → 4.0
E 521	2	114	50	53	54	0.95		
E 522	3	50	-	-	10	0.02		
E 503	1	171	-	100	22	1.75	6000	4.5 → 6.0
E 504	2	139	55	62	64	1.35		
E 505	3	60	-	-	12	0.03		
E 530	1	211	-	129	26	2.75	9000	6.5 → 9.0
E 531	2	152	59	70	68	1.90		
E 532	3	65	-	-	14	0.04		

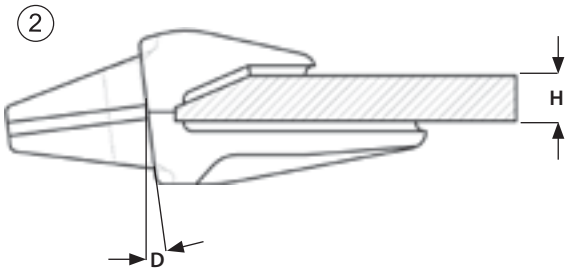
PORTAPUNTA A SALDARE TIPO SILVER PER MINI ESCAVATORI
SILVER TYPE WELD-ON ADAPTERS FOR MINI EXCAVATORS
ZAHNHALTER ZUM ANSCHWEIßEN TYP SILVER FÜR MINIBAGGER
PORTE-POINTES À SOUDER TYPE SILVER POUR MINI EXCAVATEURS

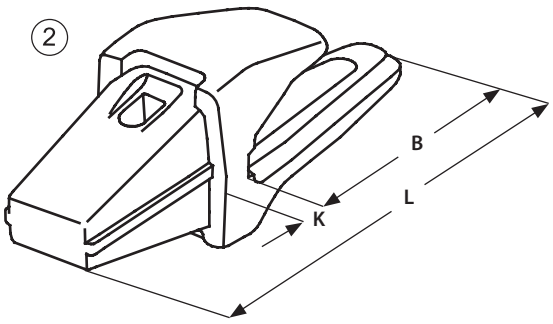




CLASSE SIZE KLASSE CLASSE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)	PESO ESCAVATORE EXCAVATOR WEIGHT BAGGER GEWICHT POIDS EXCAVATEUR (KG)	PUNTA TIP SPITZE POINTE
		L	B	K	H	D				
K1	**E 701**	143	86	11	16	7°	0,75	3000	1,0 → 2,5	E 721 L - V - R
K3	**E 703**	156	91	12	16-20	7°	1,10	4000	3,0 → 4,0	E 723 L - V - R
K5	**E 705**	173	100	12	20	7°	1,65	6000	4,5 → 6,0	E 725 L - V - R
K7	**E 707**	223	130	16	25	7°	2,75	8500	6,5 → 8,5	E 727 L - V - R
K9	**E 709**	244	143	19	30	7°	3,60	10500	9,0 → 12,0	E 729 L - V - R

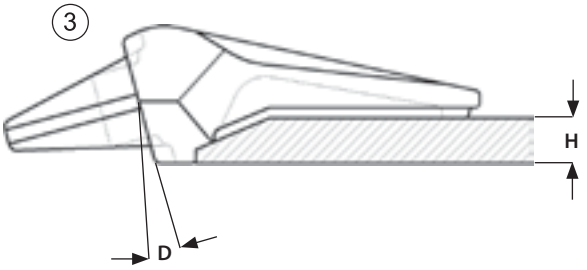
PORTAPUNTA A SALDARE TIPO SILVER PER ESCAVATORI
SILVER TYPE WELD-ON ADAPTERS FOR EXCAVATORS
ZAHNHALTER ZUM ANSCHWEIßEN TYP SILVER FÜR BAGGER
PORTE-POINTES À SOUDER TYPE SILVER POUR EXCAVATEURS

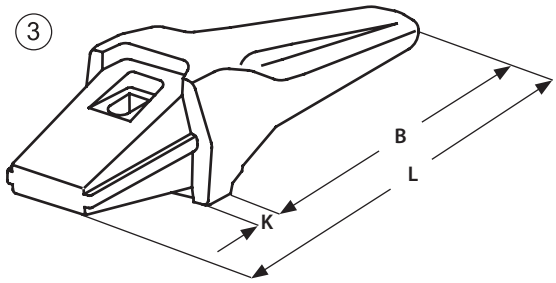




CLASSE SIZE KLASSE CLASSE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)	PESO ESCAVATORE EXCAVATOR WEIGHT BAGGER GEWICHT POIDS EXCAVATEUR (KG)	PUNTA TIP SPITZE POINTE
		L	B	K	H	D				
K11	**E 711**	250	149	16	25	7°	4,40	10500	11,0 → 15,0	E 731 R
K13	**E 713**	300	180	23	30	7°	7,60	13000	16,0 → 20,0	E 733 R
K15	**E 715**	340	204	26	40	7°	9,50	16000	21,0 → 24,0	E 735 R
K17	**E 717**	440	286	24	50	8°	20,30	25000	30,0 → 40,0	E 737 R

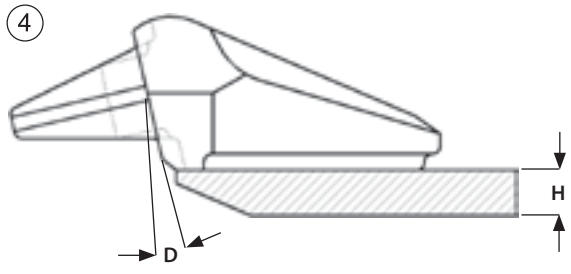
PORTAPUNTA A SALDARE TIPO SILVER PER PALE ED ESCAVATORI
SILVER TYPE WELD-ON ADAPTERS FOR LOADERS AND EXCAVATORS
ZAHNHALTER ZUM ANSCHWEIßEN TYP SILVER FÜR LADER UND BAGGER
PORTE-POINTES À SOUDER TYPE SILVER POUR PELLES-CHARGEUSES ET EXCAVATEURS

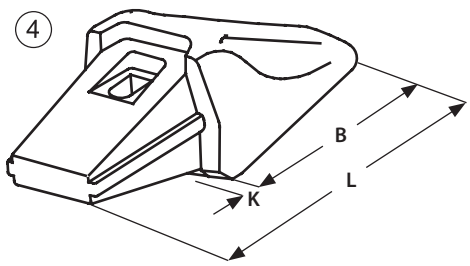




CLASSE SIZE KLASSE CLASSE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)	PUNTA TIP SPITZE POINTE
		L	B	K	H	D			
K1	**E 761**	163	100	13	12-16	14°	0,85	2500	E 721 L - V - R
K3	**E 763**	181	111	13	16	14°	1,25	4000	E 723 L - V - R
K5	**E 765**	212	127	18	20	14°	2,10	6000	E 725 L - V - R
K7	**E 767**	268	164	18	25	15°	3,20	8000	E 727 L - V - R
K9	**E 769**	318	208	20	25	15°	4,40	10000	E 729 L - V - R

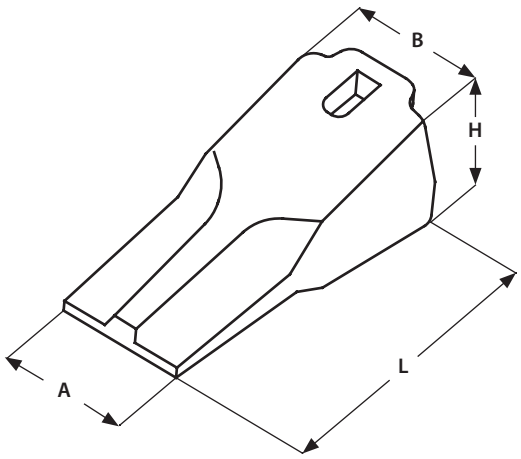
PORTAPUNTA A SALDARE TIPO SILVER PER BENNE MORDENTI
SILVER TYPE WELD-ON ADAPTERS FOR CLAMSHELL BUCKETS
ZAHNHALTER ZUM ANSCHWEIßEN TYP SILVER FÜR GREIFER
PORTE-POINTES À SOUDER TYPE SILVER POUR PELLES PRENEUSES





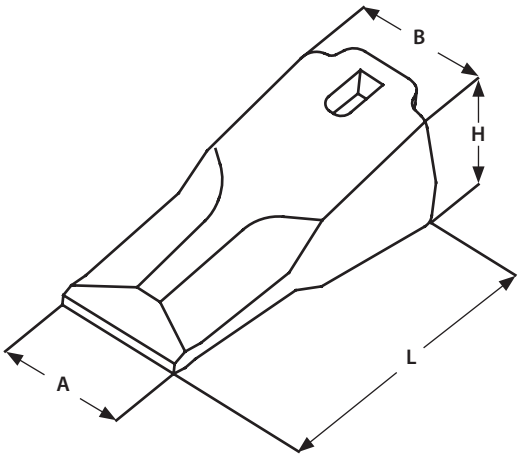
CLASSE SIZE KLASSE CLASSE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)	PUNTA TIP SPITZE POINTE
		L	B	K	H	D			
K5	**E 785**	188	116	4	20	13°	2,60	6000	E 725 L

PUNTE TIPO SILVER SERIE V
SILVER TYPE TIPS RANGE V
ZAHNSPITZEN TYP SILVER SERIE V
POINTES TYPE SILVER SÉRIE V



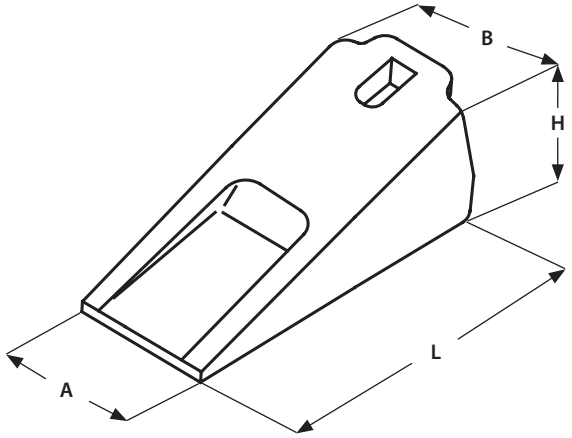
CLASSE SIZE KLASSE CLASSE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	FISSAGGIO LOCK SICHERUNG FIXAGE
		L	A	B	H			
K1	**E 721 V**	98	42	50	43	0,50	E 701 - E 761	E 741
K3	**E 723 V**	115	50	57	45	0,80	E 703 - E 763	E 741
K5	**E 725 V**	138	54	67	56	1,25	E 705 - E 765	E 745
K7	**E 727 V**	155	59	73	66	1,65	E 707 - E 767	E 747
K9	**E 729 V**	173	65	79	70	2,30	E 709 - E 769	E 747

PUNTE TIPO SILVER SERIE R
SILVER TYPE TIPS RANGE R
ZAHNSPITZEN TYP SILVER SERIE R
POINTES TYPE SILVER SÉRIE R



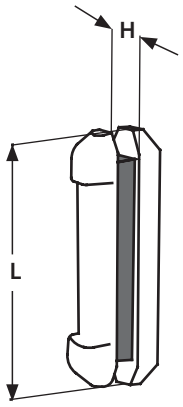
CLASSE SIZE KLASSE CLASSE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	FISSAGGIO LOCK SICHERUNG FIXAGE
		L	A	B	H			
K1	**E 721 R**	98	42	50	43	0,55	E 701 - E 761	E 741
K3	**E 723 R**	115	50	57	45	0,85	E 703 - E 763	E 741
K5	**E 725 R**	138	54	67	56	1,35	E 705 - E 765	E 745
K7	**E 727 R**	155	59	73	66	1,75	E 707 - E 767	E 747
K9	**E 729 R**	173	65	79	70	2,40	E 709 - E 769	E 747
K11	**E 731 R**	191	64	79	85	3,20	E 711	E 751
K13	**E 733 R**	220	74	95	100	5,00	E 713	E 753
K15	**E 735 R**	247	86	103	109	6,70	E 715	E 755
K17	**E 737 R**	298	107	129	132	12,00	E 717	E 757

PUNTE TIPO SILVER SERIE L
SILVER TYPE TIPS RANGE L
ZAHNSPITZEN TYP SILVER SERIE L
POINTES TYPE SILVER SÉRIE L



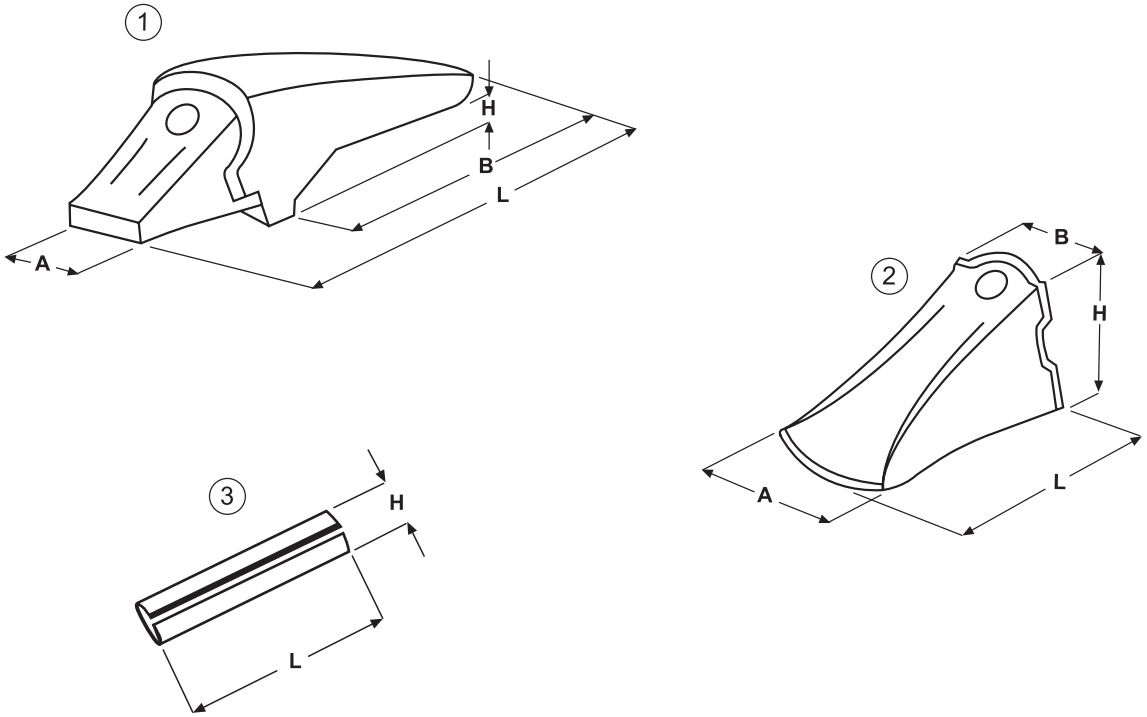
CLASSE SIZE KLASSE CLASSE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	FISSAGGIO LOCK SICHERUNG FIXAGE
		L	A	B	H			
K1	**E 721 L**	100	44	50	43	0,60	E 701 - E 761	E 741
K3	**E 723 L**	117	52	57	45	0,90	E 703 - E 763	E 741
K5	**E 725 L**	143	56	67	56	1,45	E 705 - E 765 - E 785	E 745
K7	**E 727 L**	160	61	73	66	1,90	E 707 - E 767	E 747
K9	**E 729 L**	178	68	79	70	2,55	E 709 - E 769	E 747

BLOCCAGGI TIPO SILVER
LOCKS TYPE SILVER
SICHERUNGEN TYP SILVER
CLAVETTES TYPE SILVER



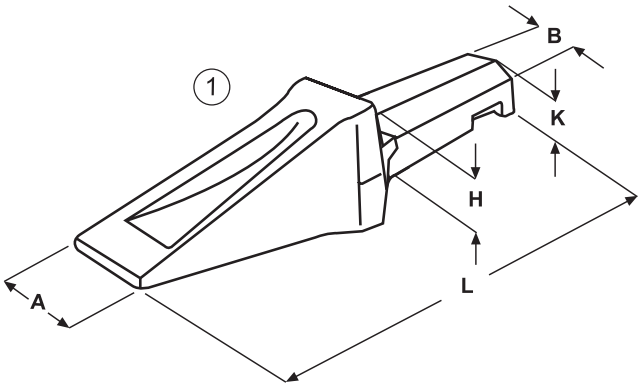
CLASSE SIZE KLASSE CLASSE	NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PESO WEIGHT GEWICHT POIDS (KG)	PORTAPUNTA ADAPTER HALTER PORTE-POINTE	PUNTA TIP SPITZE POINTE
		L	H			
K1 - K3	**E 741**	43	8	0,02	E 701 - E 703 E 761 - E 763	E 721 L - E 721 V - E 721 R E 723 L - E 723 V - E 723 R
K5	**E 745**	56	10	0,05	E 705 - E 765 - E 785	E 725 L - E 725 V - E 725 R
K7 - K9	**E 747**	65	12	0,07	E 707 - E 709 E 767 - E 769	E 727 L - E 727 V - E 727 R E 729 L - E 729 V - E 729 R
K11	**E 751**	84	12	0,10	E 711	E 731 R
K13	**E 753**	102	13	0,15	E 713	E 733 R
K15	**E 755**	108	15	0,20	E 715	E 735 R
K17	**E 757**	137	19	0,40	E 717	E 737 R

PORTAPUNTA E PUNTE TIPO UNI-Z
UNI-Z TYPE ADAPTERS AND TIPS
ZAHNHALTER UND ZAHNSPITZEN TYP UNI-Z
PORTE-POINTES ET POINTES TYPE UNI-Z



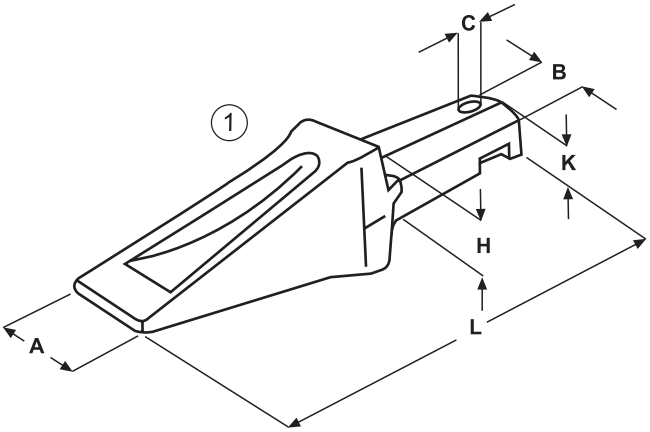
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)
			L	A	B	H	
E 430	UNI - Z I	1	213	35	138	19	1.6
E 431	UNI - Z I	2	112	63	58	58	1.0
E 630	-	3	50	-	-	14	0.04
E 435	UNI - Z II	1	265	41	168	23	2.9
E 436	UNI - Z II	2	145	73	67	73	1.7
E 632	-	3	65	-	-	16	0.06
E 438	UNI - Z III	1	320	46	210	26	4.4
E 439	UNI - Z III	2	190	91	74	79	3.1
E 635	-	3	80	-	-	18	0.10

DENTI TIPO BOFORS PER ESCAVATORI
BOFORS TYPE TEETH FOR EXCAVATORS
BAGGERZÄHNE TYP BOFORS
DENTS TYPE BOFORS POUR EXCAVATEURS



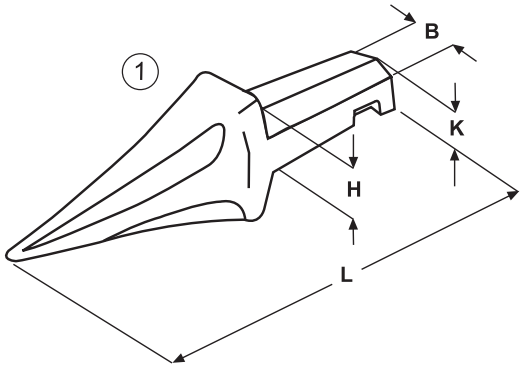
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)	FISSAGGIO LOCK SICHERUNG FIXAGE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
			L	A	B	H	K			
E 150	4044336 - 31101	1	340	80	41	44	28	5.5	E 251	10000
E 155	4044428 - 32102	1	407	90	49	52	35	9.0	E 252	14000
E 160	3031334 - 33101	1	483	100	55	58	45	13.7	E 253	16000
E 165	3031335 - 34101	1	545	110	62	64	50	18.3	E 253	20500
E 170	3031336 - 35101	1	595	125	73	75	55	26.3	E 254	26000

DENTI TIPO BOFORS PER ESCAVATORI (FORO VERTICALE)
BOFORS TYPE TEETH FOR EXCAVATORS (VERTICAL HOLE)
BAGGERZÄHNE TYP BOFORS (VERTIKALES LOCH)
DENTS TYPE BOFORS POUR EXCAVATEURS (TROU VERTICAL)



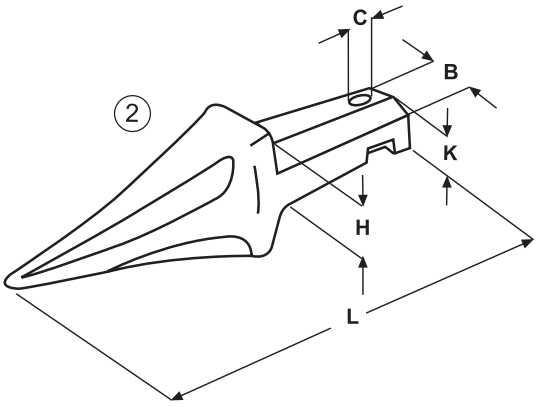
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	SPINE DI FISSAGGIO RETAINING PINS SICHERUNGSBOLZEN AXES DE FIXATION
			L	A	B	H	K	C		
E 150.1	4044336 - 31101	1	340	80	41	44	28	15	5.4	E 633
E 155.1	4044428 - 32102	1	407	90	49	52	35	15	8.9	E 633
E 160.1	3031334 - 33101	1	483	100	55	58	45	24	13.5	E 638
E 165.1	3031335 - 34101	1	545	110	62	64	50	24	18.1	E 638
E 170.1	3031336 - 35101	1	595	125	73	75	55	26	26.1	E 640

DENTI A PUNTA TIPO BOFORS PER ESCAVATORI
BOFORS TYPE POINTED TEETH FOR EXCAVATORS
SPITZZÄHNE TYP BOFORS FÜR BAGGER
DENTS À POINTE TYPE BOFORS POUR EXCAVATEURS



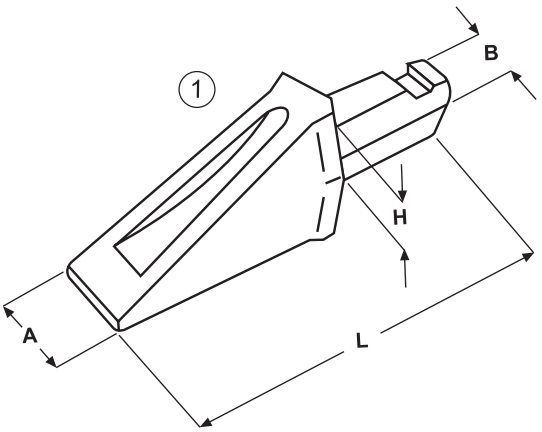
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	FISSAGGIO LOCK SICHERUNG FIXAGE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
			L	B	H	K			
E 155 S	4046911 - 32103	1	435	49	52	35	8.0	E 252	14000

DENTI A PUNTA TIPO BOFORS PER ESCAVATORI (FORO VERTICALE)
BOFORS TYPE POINTED TEETH FOR EXCAVATORS (VERTICAL HOLE)
SPITZZÄHNE TYP BOFORS FÜR BAGGER (VERTIKALES LOCH)
DENTS À POINTE TYPE BOFORS POUR EXCAVATEURS (TROU VERTICAL)



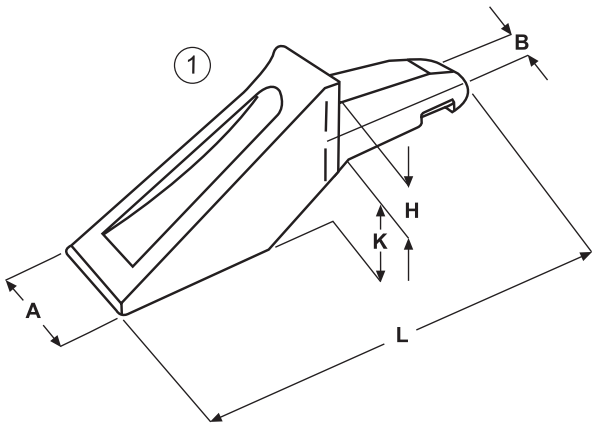
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)	SPINA DI FISSAGGIO RETAINING PINS SICHERUNGSBOLZEN AXES DE FIXATION
		L	B	H	K	C		
E 155 S.1	2	435	49	52	35	15	7.9	E 633

DENTI TIPO BOFORS PER ESCAVATORI
BOFORS TYPE TEETH FOR EXCAVATORS
BAGGERZÄHNE TYP BOFORS
DENTS TYPE BOFORS POUR EXCAVATEURS



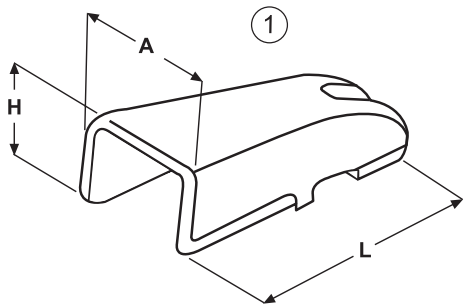
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	FISSAGGIO LOCK SICHERUNG FIXAGE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
			L	A	B	H			
E 180	4046818 - 30104	1	228	62	32	36	2.2	E 250	6400

DENTI TIPO BOFORS PER PALE
BOFORS TYPE TEETH FOR LOADERS
LADERZÄHNE TYP BOFORS
DENTS TYPE BOFORS POUR PELLES-CHARGEUSES



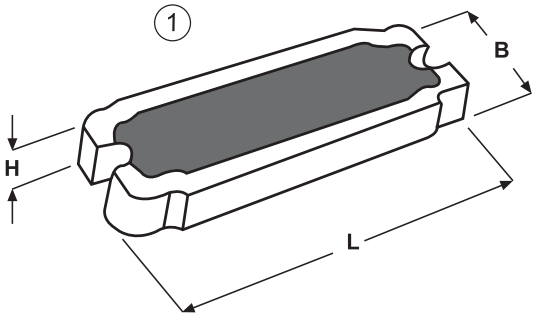
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)	FISSAGGIO LOCK SICHERUNG FIXAGE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
			L	A	B	H	K			
E 200	4046815 - 4047166 - 30101	1	258	62	32	36	25	2.5	E 250	5400
E 205	4046796 - 4047167 - 31102	1	308	70	37	44	30	4.5	E 251	7900
E 210	3032680 - 3031537 - 32101	1	375	85	48	54	35	8.3	E 252	12500
E 215	3032705 - 3031539 - 33102	1	415	110	52	59	40	12.0	E 253	16000

CUSTODIE TIPO BOFORS
BOFORS TYPE ADAPTERS
ZAHNHÜLSEN TYP BOFORS
PORTE-DENTS TYPE BOFORS



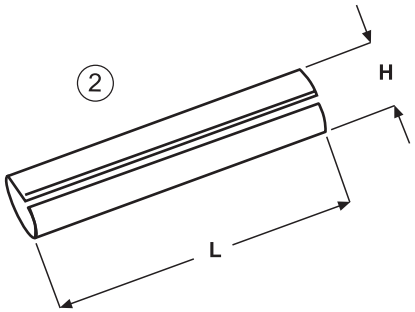
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)	DENTE TOOTH ZAHN DENT
			L	A	H		
E 201	4046816 - 31006	1	121	64	50	1.0	E 180 - E 200
E 206	4046797 - 31004	1	160	77	61	2.0	E 185 - E 205
E 211	4046819 - 32004	1	209	94	74	3.8	E 210
E 216	4046862 - 33004	1	216	105	83	5.1	E 215

BLOCCAGGI TIPO BOFORS
BOFORS TYPE LOCKS
SICHERUNGEN TYP BOFORS
CLAVETAGES TYPE BOFORS



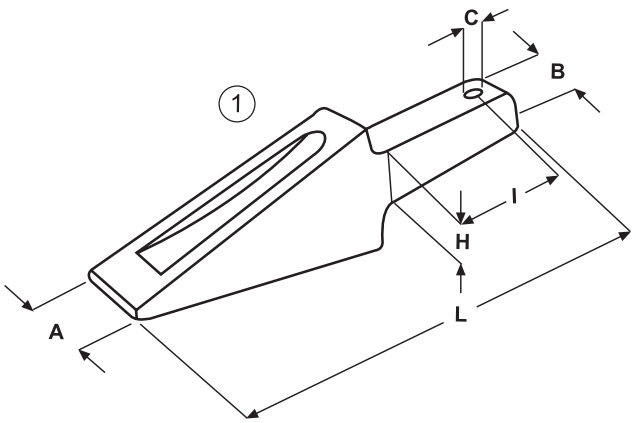
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)	DENTE TOOTH ZAHN DENT
			L	B	H		
E 250	6254673 - 30201	1	59	27	8	0.05	E 180 - E 200
E 251	6254675 - 31201	1	73	32	10	0.09	E 150 - E 185 - E 205
E 252	6254677 - 32201	1	87	35	10	0.13	E 155 - E 155 S - E 210
E 253	6254682 - 33201	1	96	40	11	0.18	E 160 - E 165 - E 215
E 254	6254679 - 35201	1	120	50	13	0.27	E 170

SPINE DI FISSAGGIO
RETAINING PINS
SICHERUNGSBOLZEN
AXES DE FIXATION



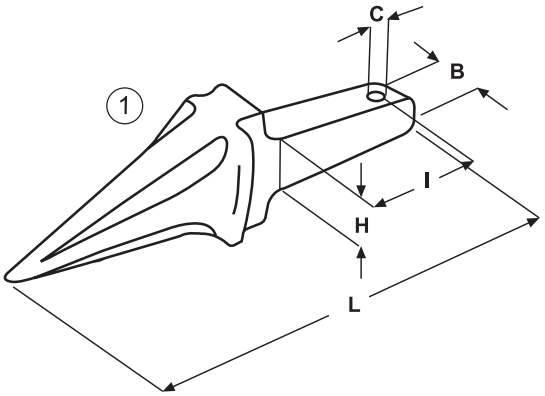
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS		PESO WEIGHT GEWICHT POIDS (KG)	DENTE TOOTH ZAHN DENT
		L	H		
E 633	2	80	15	0.07	E 150.1 - E 155.1 - E 155S.1
E 638	2	100	25	0.22	E 160.1 - E 165.1
E 640	2	120	27	0.30	E 170.1

DENTI TIPO BOFORS PER ESCAVATORI (FORO VERTICALE)
BOFORS TYPE TEETH FOR EXCAVATORS (VERTICAL HOLE)
BAGGERZÄHNE TYP BOFORS (VERTIKALES LOCH)
DENTS TYPE BOFORS POUR EXCAVATEURS (TROU VERTICAL)



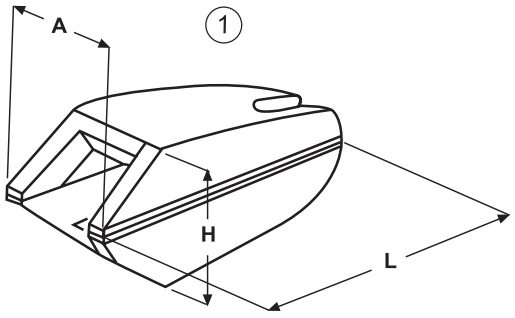
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	PERNO PIN BOLZEN AXE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
			L	A	B	H	I	C			
E 105	4046729	1	357	80	50	50	115	14	6.6	E 98	12300
E 110	4046663	1	410	90	57	58	132	20	10.0	E 99	17000
E 115	3027689	1	505	95	64	64	172	20	14.7	E 99	19000
E 120	3027512	1	575	110	75	75	211	20	21.6	E 99	27000

DENTI A PUNTA TIPO BOFORS PER ESCAVATORI (FORO VERTICALE)
BOFORS TYPE POINTED TEETH FOR EXCAVATORS (VERTICAL HOLE)
SPITZZÄHNE TYP BOFORS FÜR BAGGER (VERTIKALES LOCH)
DENTS À POINTE TYPE BOFORS POUR EXCAVATEURS (TROU VERTICAL)



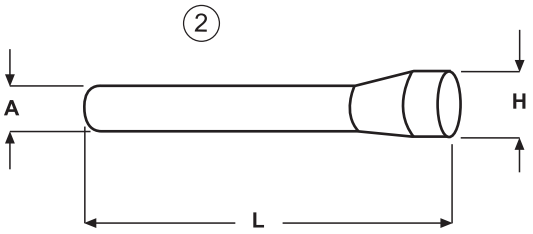
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (KG)	PERNO PIN BOLZEN AXE	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
		L	B	H	I	C			
E 105 S	1	400	50	50	115	14	6.5	E 98	11300
E 110 S	1	450	57	58	132	20	9.7	E 99	14500
E 115 S	1	550	64	64	172	20	15.1	E 99	17800
E 120 S	1	630	75	75	211	20	21.3	E 99	24000

CUSTODIE PER DENTI TIPO BOFORS (FORO VERTICALE)
ADAPTERS FOR BOFORS TYPE TEETH (VERTICAL HOLE)
HÜLSEN FÜR ZÄHNE TYP BOFORS (VERTIKALES LOCH)
BOITIERS POUR DENTS TYPE BOFORS (TROU VERTICAL)



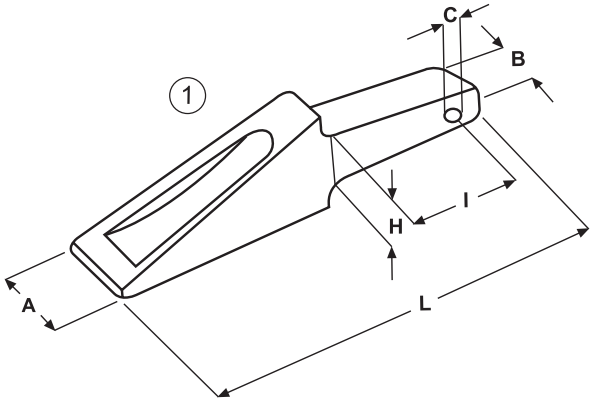
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)	DENTE TOOTH ZAHN DENT
		L	A	H		
E 106	1	220	86	95	6.3	E 105 - E 105 S
E 111	1	240	103	122	11.0	E 110 - E 110 S
E 116	1	305	108	130	16.0	E 115 - E 115 S
E 121	1	330	124	150	20.5	E 120 - E 120 S

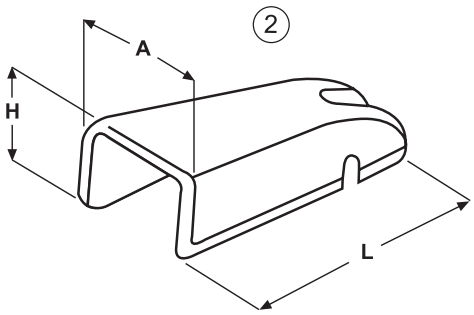
PERNI DI FISSAGGIO
RETAINING PINS
SICHERUNGSBOLZEN
AXES DE FIXATION



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)	DENTE TOOTH ZAHN DENT
		L	A	H		
E 98	2	120	13	19	0.15	E 105 - E 105 S
E 99	2	150	18	28	0.35	E 110 - E 110 S - E 115 E 115 S - E 120 - E 120 S

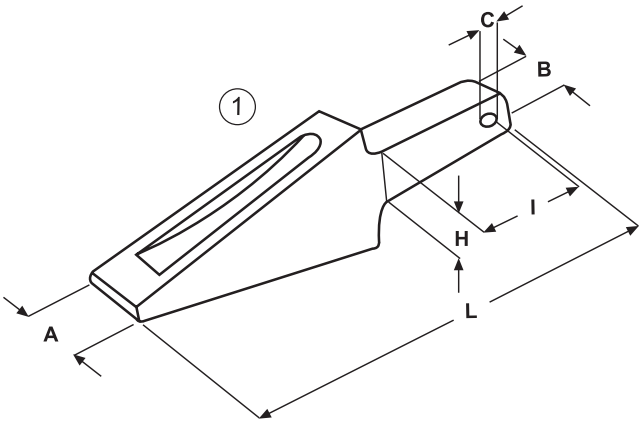
DENTE E CUSTODIA TIPO BOFORS PER ESCAVATORI (FORO ORIZZONTALE)
BOFORS TYPE TOOTH AND ADAPTER FOR EXCAVATORS (HORIZONTAL HOLE)
ZAHN UND HÜLSE TYP BOFORS FÜR BAGGER (HORIZONTALES LOCH)
DENT ET PORTE-DENT TYPE BOFORS POUR EXCAVATEURS (TROU HORIZONTAL)

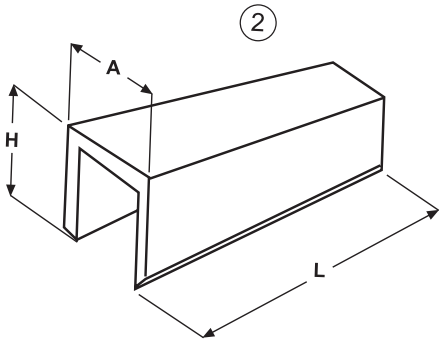




NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)
			L	A	B	H	I	C	
E 62	4038279	1	230	56	34	34	77	13	2.0
E 63	4038219	2	141	60	-	48	-	-	1.2

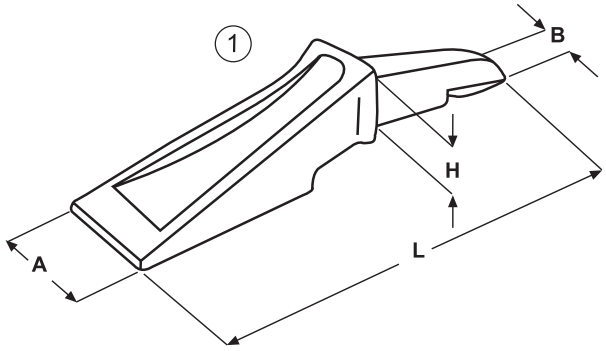
DENTE E CUSTODIA TIPO FAI PER ESCAVATORI (FORO ORIZZONTALE)
FAI TYPE TOOTH AND ADAPTER FOR EXCAVATORS (HORIZONTAL HOLE)
ZAHN UND HÜLSE TYP FAI FÜR BAGGER (HORIZONTALES LOCH)
DENT ET PORTE-DENT TYPE FAI POUR EXCAVATEURS (TROU HORIZONTAL)

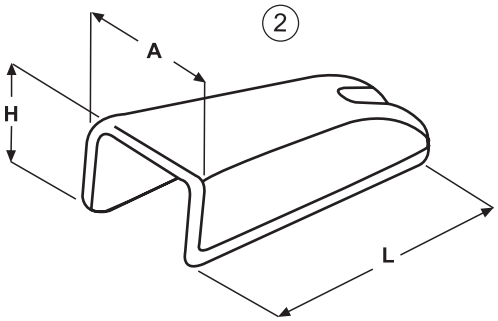


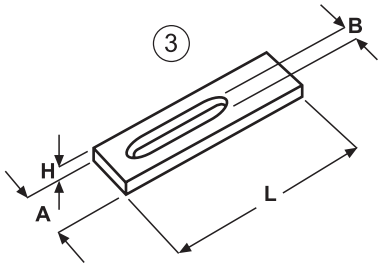


NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS						PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
		L	A	B	H	I	C		
E 60	1	300	61	33	41	125	11	3.2	7.800
E 61	2	120	73	-	59	-	-	1.7	

DENTI E CUSTODIE TIPO LEHNHOFF
LEHNHOFF TYPE TEETH AND ADAPTERS
ZÄHNE UND HÜLSEN TYP LEHNHOFF
DENTS ET PORTE-DENTS TYPE LEHNHOFF

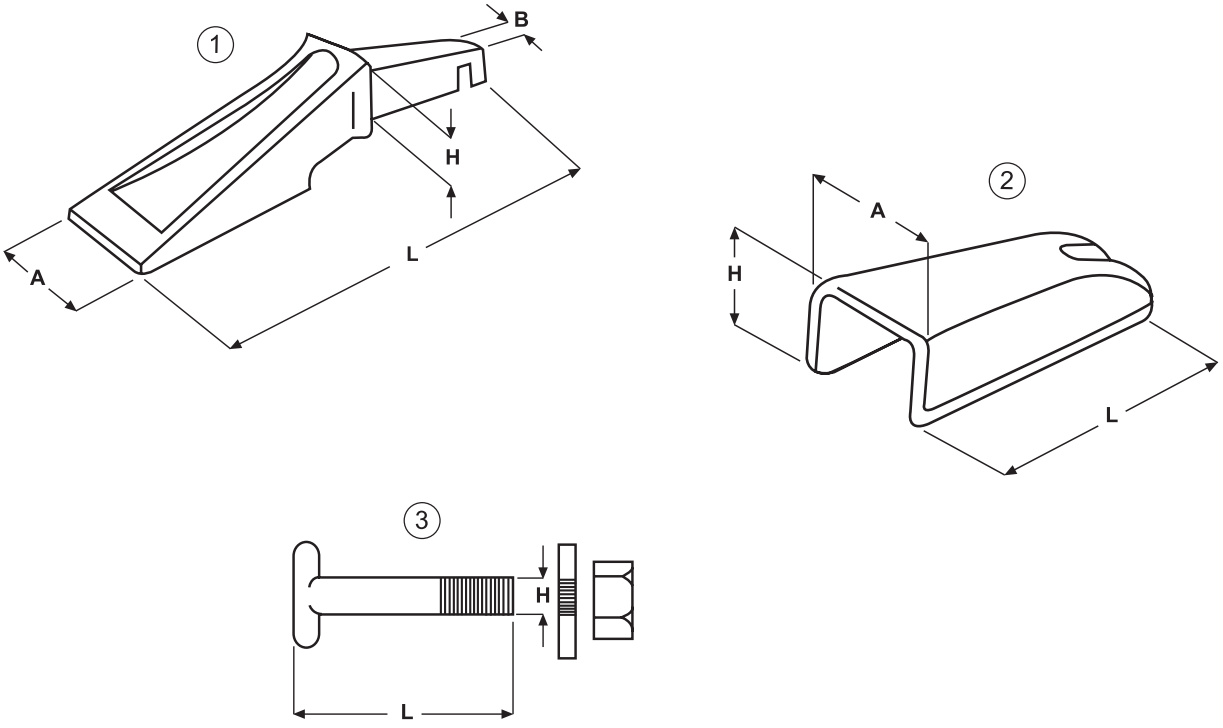






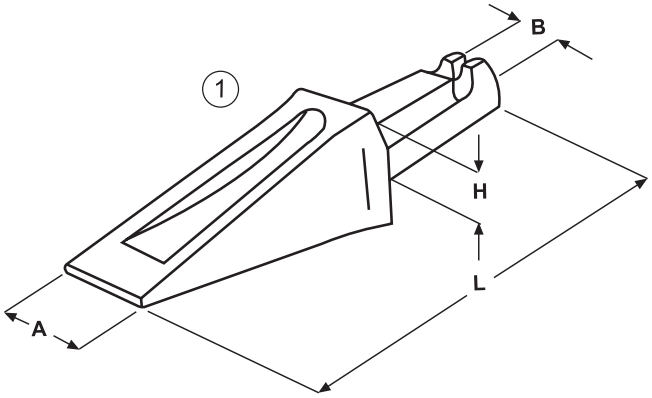
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
			L	A	B	H		
E 67	400 F	1	212	50	34	34	1.6	4500
E 69	011 HS	2	125	56	-	47	1.0	
E 64	11 S	3	93	30	10.5	3	0.07	
E 68	411 F	1	235	65	34	34	2.2	5500
E 69	011 HS	2	125	56	-	47	1.0	
E 64	11 S	3	93	30	10.5	3	0.07	

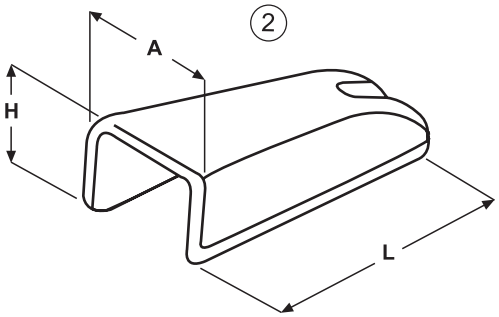
DENTI E CUSTODIE TIPO FN
FN TYPE TEETH AND ADAPTERS
ZÄHNE UND HÜLSEN TYP FN
DENTS ET PORTE-DENTS TYPE FN

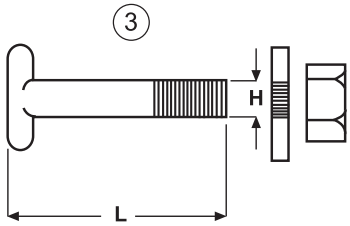


NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
			L	A	B	H		
E 71	3000 FN	1	241	65	34	34	2.3	5800
E 51	300 H	2	120	62	-	48	1.2	
E 52	5 ST	3	59	-	-	10	0.07	

DENTI E CUSTODIE TIPO BT
BT TYPE TEETH AND ADAPTERS
ZÄHNE UND HÜLSEN TYP BT
DENTS ET PORTE-DENTS TYPE BT

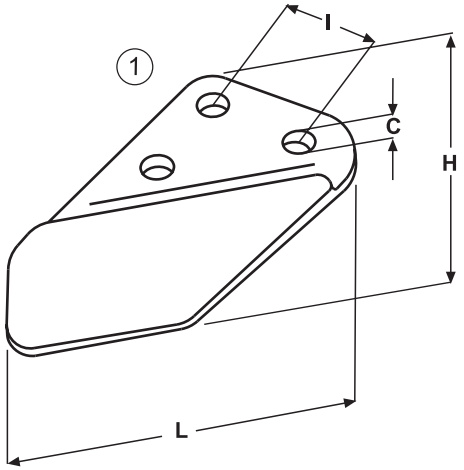






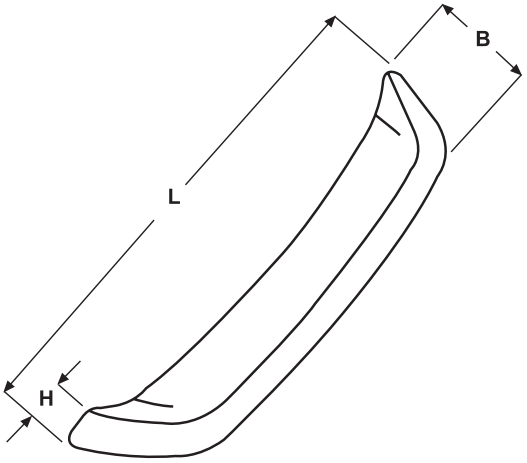
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	N. ORIGINALE ORIGINAL NO. ORIGINAL NR. N. D'ORIGINE	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)	FORZA DI STRAPPO BREAK-OUT FORCE ZUGFESTIGKEIT FORCE D'ARRACHEMENT (KG)
			L	A	B	H		
E 50	3000 BT	1	230	62	34	34	2.1	6200
E 51	300 H	2	120	62	-	48	1.2	
E 52	5 ST	3	59	-	-	10	0.07	
E 55	4000 BT	1	268	69	40	40	3.5	8700
E 56	400 H	2	152	75	-	54	2.0	
E 57	10 ST	3	77	-	-	12	0.12	

TAGLIENTI LATERALI PER MINI ESCAVATORI
REVERSIBLE SIDECUTTERS FOR MINI EXCAVATORS
REVERSIBLE SICHELN FÜR MINIBAGGER
TRANCHANTS LATERAUX POUR MINI EXCAVATEURS



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)
		L	H	I	C	
E 7 R	1	153	120	42.5	13.5	0.9
E 7 L	1	153	120	42.5	13.5	0.9

TAGLIENTI LATERALI REVERSIBILI PER ESCAVATORI
REVERSIBLE SIDECUTTERS FOR EXCAVATORS
REVERSIBLE SICHELN FÜR BAGGER
TRANCHANTS LATERAUX POUR EXCAVATEURS



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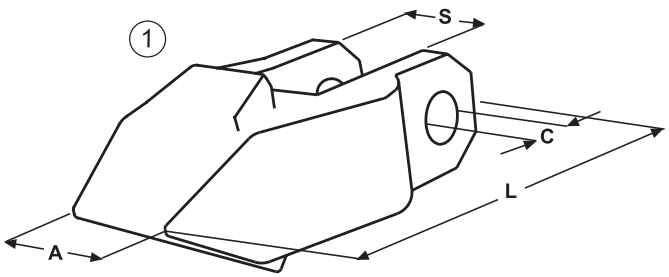
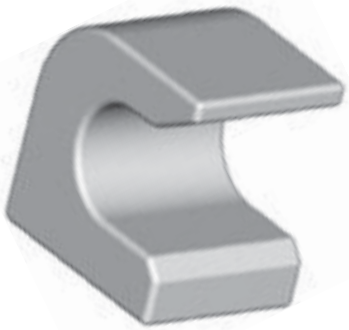
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (KG)
		L	B	H	
E 90	1	305	58	21	1.4
E 91	1	450	74	23	4.4
E 92	1	620	95	38	9.8

DENTI PER FRANTUMATORI
TEETH FOR CRUSHERS
REIßZÄHNE
DENTS POUR BROYEURS



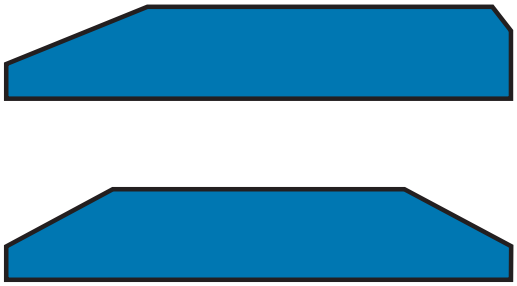
NS. RIF. OUR REF. UNS. REF. NOTRE REF.	FIGURA FIGURE FIGUR FIGURE	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (KG)
		L	A	S	C	
E 132	1	160	47	36	19	2.55
E 135	1	250	65	51	26	9.40

PRODUZIONE DI PARTICOLARI SPECIALI CON FORMA A RICHIESTA
PRODUCTION OF CUSTOM MADE PARTS
HERSTELLUNG VON SPEZIELLEN TEILEN MIT FORM AUF ANTRAG
PRODUCTION DES PIÈCES SPÉCIALES AVEC FORME SUR DEMANDE

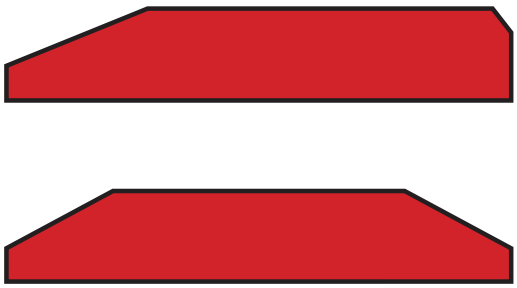


LAMINATI SMUSSATI PRODOTTI IN TRE TIPI DI ACCIAIO ANTIUSURA
BEVELED PROFILES PRODUCED IN THREE KINDS OF ANTI-WEAR STEEL
ABGESCHRÄGTE MESSERSTÄHLE AUS DREI VERSCHLEIßFREIEN STAHLTYPEN
LAMES CHANFREINÉES PRODUITES EN TROIS TYPES D'ACIER ANTI-USURE

EN 250

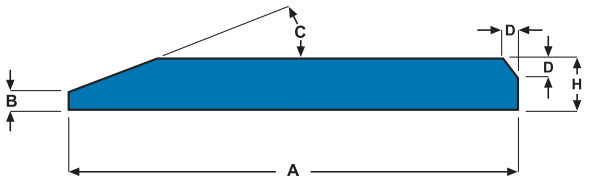


ET 400

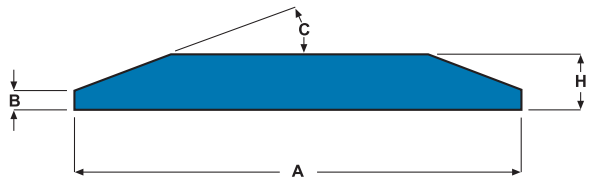


ET 500

LAMINATI SMUSSATI PRODOTTI IN ACCIAIO ANTIUSURA TIPO EN 250
BEVELED PROFILES PRODUCED IN ANTI-WEAR STEEL TYPE EN 250
ABGESCHRÄGTE PROFILE AUS VERSCHLEIßFREIEM STAHL TYP EN 250 HERGESTELLT
LAMES CHANFREINÉES PRODUITES EN ACIER ANTI-USURE TYPE EN 250



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (kg/m)
	A	H	B	D	C	
E 1112 L1	110	12	3	2	24°	9.6
E 1116 L1	110	16	7	2	24°	13.1
E 1516 L1	150	16	6	5	24°	17.8
E 1520 L1	150	20	5	5	23°	21.7
E 2020 L1	200	20	6	8	23°	29.6
E 2025 L1	200	25	11	8	23°	36.7
E 2525 L1	250	25	6	10	23°	44.8
E 2530 L1	250	30	11	10	23°	55.8
E 2732 L1	270	32	10	7	23°	63.2
E 2735 L1	270	35	13	7	23°	69.5
E 3030 L1	300	30	8	8	23°	66.2
E 3035 L1	300	35	13	8	23°	77.7
E 3040 L1	300	40	18	8	23°	89.5



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (kg/m)
	A	H	B	C	
E 1516 L2	152	16	5	25°	17.3
E 1520 L2	152	20	9	25°	21.0
E 2020 L2	203	20	8	25°	27.7
E 2025 L2	203	25	14	25°	35.4
E 2520 L2	254	20	8	25°	35.3
E 2525 L2	254	25	14	25°	45.3
E 3032 L2	305	32	16	22,5°	71.8
E 3332 L2	330	32	18	22,5°	79.2
E 3341 L2	330	41	27	22,5°	102.5
E 3630 L2	360	30	8	22,5°	75.6
E 4041 L2	406	41	25	22,5°	125.8

EN 250

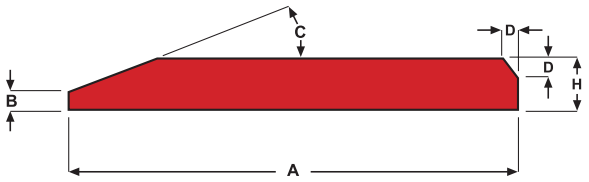
TIPO DI ACCIAIO:	Acciaio al Manganese - Cromo - Molibdeno - Boro con un medio contenuto di Carbonio (C = 0.26 - 0.30).		
DIMENSIONI:	Questi profili sono prodotti con una lunghezza di 6000 mm.		
DUREZZA:	**HB 210-250** (allo stato naturale di laminazione).		
CARATTERISTICHE MECCANICHE:	Tensione di rottura	(Rm)	710 N/mm^2
	Snervamento	(Re)	470 N/mm^2
	Allungamento	(A_5)	17%

TYPE OF STEEL:	Steel with Manganese - Chromium - Molybdenum - Boron and a medium Carbon content (C = 0.26 - 0.30).		
DIMENSIONS:	These profiles are produced with a length of 6000 mm.		
HARDNESS:	**HB 210-250** (in natural state after lamination).		
MECHANICAL FEATURES:	Tensile strength	(Rm)	710 N/mm^2
	Yield point	(Re)	470 N/mm^2
	Elongation	(A_5)	17%

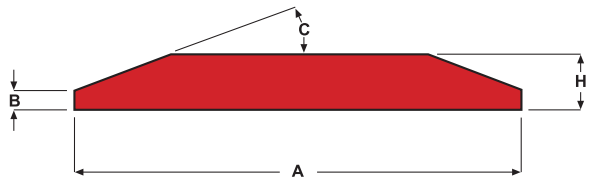
STAHLART:	Stahl mit Mangan - Chrom - Molybdän - Bor und einem mittleren Kohlenstoffanteil (C = 0.26 - 0.30).		
LÄNGE:	Die Messerstähle werden mit Länge 6000 mm hergestellt.		
HÄRTE:	**HB 210-250** (naturhart im Walzzustand).		
MECHANISCHE EIGENSCHAFTEN:	Zugfestigkeit	(Rm)	710 N/mm^2
	Streckgrenze	(Re)	470 N/mm^2
	Dehnung	(A_5)	17%

TYPE D'ACIER:	Acier avec Manganèse - Chrome - Molybdène - Bore et un moyen contenu du Carbon (C = 0.26 - 0.30).		
DIMENSIONS:	Ces lames sont produites avec une longueur de 6000 mm.		
DURETÉ:	**HB 210-250** (à l'état naturel de laminage).		
CARACTÉRISTIQUES MÉCANIQUES:	Limite de rupture	(Rm)	710 N/mm^2
	Limite d'élasticité	(Re)	470 N/mm^2
	Allongement	(A_5)	17%

LAMINATI SMUSSATI PRODOTTI IN ACCIAIO ANTIUSURA TIPO ET 400
BEVELED PROFILES PRODUCED IN ANTI-WEAR STEEL TYPE ET 400
ABGESCHRÄGTE PROFILE AUS VERSCHLEIßFREIEM STAHL TYP ET 400 HERGESTELLT
LAMES CHANFREINÉES PRODUITES EN ACIER ANTI-USURE TYPE ET 400



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (kg/m)
	A	H	B	D	C	
E 1112 T1	110	12	3	2	24°	9.6
E 1116 T1	110	16	7	2	24°	13.1
E 1516 T1	150	16	6	5	24°	17.8
E 1520 T1	150	20	5	5	23°	21.7
E 2020 T1	200	20	6	8	23°	29.6
E 2025 T1	200	25	11	8	23°	36.7
E 2525 T1	250	25	6	10	23°	44.8
E 2530 T1	250	30	11	10	23°	55.8
E 2732 T1	270	32	10	7	23°	63.2
E 2735 T1	270	35	13	7	23°	69.5
E 3030 T1	300	30	8	8	23°	66.2
E 3035 T1	300	35	13	8	23°	77.7
E 3040 T1	300	40	18	8	23°	89.5



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (kg/m)
	A	H	B	C	
E 1516 T2	152	16	5	25°	17.3
E 1520 T2	152	20	9	25°	21.0
E 2020 T2	203	20	8	25°	27.7
E 2025 T2	203	25	14	25°	35.4
E 2520 T2	254	20	8	25°	35.3
E 2525 T2	254	25	14	25°	45.3
E 3032 T2	305	32	16	22,5°	71.8
E 3332 T2	330	32	18	22,5°	79.2
E 3341 T2	330	41	27	22,5°	102.5
E 3630 T2	360	30	8	22,5°	75.6
E 4041 T2	406	41	25	22,5°	125.8

ET 400

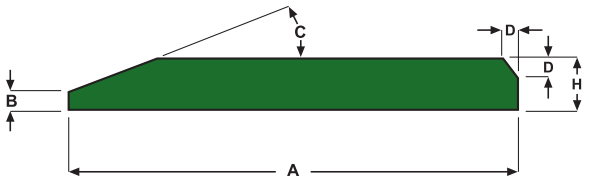
TIPO DI ACCIAIO:	Acciaio al Manganese - Cromo - Molibdeno - Boro con un limitato contenuto di Carbonio (C = 0.17 - 0.20).		
DIMENSIONI:	Questi profili sono prodotti con una lunghezza di 6000 mm.		
DUREZZA:	**HB 380-440** (dopo trattamento termico effettuato sull'intero spessore della lama).		
CARATTERISTICHE MECCANICHE:	Tensione di rottura	(Rm)	1430 N/mm^2
	Snervamento	(Re)	1130 N/mm^2
	Allungamento	(A_5)	11%
	Resilienza	(-20 °C)	29J

TYPE OF STEEL:	Steel with Manganese - Chromium - Molybdenum - Boron and a small Carbon content (C = 0.17 - 0.20).		
DIMENSIONS:	These profiles are produced with a length of 6000 mm.		
HARDNESS:	**HB 380-440** (after heat-treatment on the entire thickness of the blade).		
MECHANICAL FEATURES:	Tensile strength	(Rm)	1430 N/mm^2
	Yield point	(Re)	1130 N/mm^2
	Elongation	(A_5)	11%
	Resiliency	(-20 °C)	29J

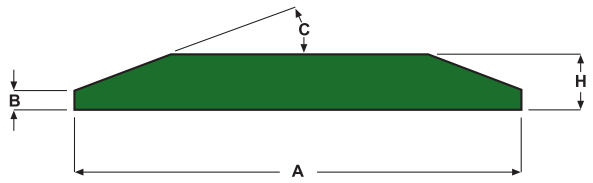
STAHLART:	Stahl mit Mangan - Chrom - Molybdän - Bor und einem geringen Kohlenstoffanteil (C = 0.17 - 0.20).		
LÄNGE:	Die Messerstähle werden mit Länge 6000 mm hergestellt.		
HÄRTE:	**HB 380-440** (nach Vergütung auf der ganzen Messerstärke).		
MECHANISCHE EIGENSCHAFTEN:	Zugfestigkeit	(Rm)	1430 N/mm^2
	Streckgrenze	(Re)	1130 N/mm^2
	Dehnung	(A_5)	11%
	Schlagarbeit	(-20 °C)	29J

TYPE D'ACIER:	Acier avec Manganèse - Chrome - Molybdène - Bore et un petit contenu du Carbone (C = 0.17 - 0.20).		
DIMENSIONS:	Ces lames sont produites avec une longueur de 6000 mm.		
DURETÉ:	**HB 380-440** (après le traitement thermique effectué sur l'entière épaisseur de la lame).		
CARACTÉRISTIQUES MÉCANIQUES:	Limite de rupture	(Rm)	1430 N/mm^2
	Limite d'élasticité	(Re)	1130 N/mm^2
	Allongement	(A_5)	11%
	Résilience	(-20 °C)	29J

LAMINATI SMUSSATI PRODOTTI IN ACCIAIO ANTIUSURA TIPO ET 500
BEVELED PROFILES PRODUCED IN ANTI-WEAR STEEL TYPE ET 500
ABGESCHRÄGTE PROFILE AUS VERSCHLEIßFREIEM STAHL TYP ET 500 HERGESTELLT
LAMES CHANFREINÉES PRODUITES EN ACIER ANTI-USURE TYPE ET 500



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS					PESO WEIGHT GEWICHT POIDS (kg/m)
	A	H	B	D	C	
E 1112 R1	110	12	3	2	24°	9.6
E 1116 R1	110	16	7	2	24°	13.1
E 1516 R1	150	16	6	5	24°	17.8
E 1520 R1	150	20	5	5	23°	21.7
E 2020 R1	200	20	6	8	23°	29.6
E 2025 R1	200	25	11	8	23°	36.7
E 2525 R1	250	25	6	10	23°	44.8
E 2530 R1	250	30	11	10	23°	55.8
E 2732 R1	270	32	10	7	23°	63.2
E 2735 R1	270	35	13	7	23°	69.5
E 3030 R1	300	30	8	8	23°	66.2
E 3035 R1	300	35	13	8	23°	77.7
E 3040 R1	300	40	18	8	23°	89.5



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS				PESO WEIGHT GEWICHT POIDS (kg/m)
	A	H	B	C	
E 1516 R2	152	16	5	25°	17.3
E 1520 R2	152	20	9	25°	21.0
E 2020 R2	203	20	8	25°	27.7
E 2025 R2	203	25	14	25°	35.4
E 2520 R2	254	20	8	25°	35.3
E 2525 R2	254	25	14	25°	45.3
E 3032 R2	305	32	16	22,5°	71.8
E 3332 R2	330	32	18	22,5°	79.2
E 3341 R2	330	41	27	22,5°	102.5
E 3630 R2	360	30	8	22,5°	75.6
E 4041 R2	406	41	25	22,5°	125.8

ET 500

TIPO DI ACCIAIO:	Acciaio al Manganese - Cromo - Molibdeno - Boro con un medio contenuto di Carbonio (C = 0.26 - 0.30).		
DIMENSIONI:	Questi profili sono prodotti con una lunghezza di 6000 mm.		
DUREZZA:	**HB 470-530** (dopo trattamento termico effettuato sull'intero spessore della lama).		
CARATTERISTICHE MECCANICHE:	Tensione di rottura	(Rm)	1690 N/mm^2
	Snervamento	(Re)	1340 N/mm^2
	Allungamento	(A_5)	9%
	Resilienza	(-20 °C)	29J

TYPE OF STEEL:	Steel with Manganese - Chromium - Molybdenum - Boron and a medium Carbon content (C = 0.26 - 0.30).		
DIMENSIONS:	These profiles are produced with a length of 6000 mm.		
HARDNESS:	**HB 470-530** (after heat-treatment on the entire thickness of the blade).		
MECHANICAL FEATURES:	Tensile strength	(Rm)	1690 N/mm^2
	Yield point	(Re)	1340 N/mm^2
	Elongation	(A_5)	9%
	Resiliency	(-20 °C)	29J

STAHLART:	Stahl mit Mangan - Chrom - Molybdän - Bor und einem mittleren Kohlenstoffanteil (C = 0.26 - 0.30).		
LÄNGE:	Die Messerstähle werden mit Länge 6000 mm hergestellt.		
HÄRTE:	**HB 470-530** (nach Vergütung auf der ganzen Messerstärke).		
MECHANISCHE EIGENSCHAFTEN:	Zugfestigkeit	(Rm)	1690 N/mm^2
	Streckgrenze	(Re)	1340 N/mm^2
	Dehnung	(A_5)	9%
	Schlagarbeit	(-20 °C)	29J

TYPE D'ACIER:	Acier avec Manganèse - Chrome - Molybdène - Bore et un moyen contenu du Carbone (C = 0.26 - 0.30).		
DIMENSIONS:	Ces lames sont produites avec une longueur de 6000 mm.		
DURETÉ:	**HB 470-530** (après le traitement thermique effectué sur l'entière épaisseur de la lame).		
CARACTÉRISTIQUES MÉCANIQUES:	Limite de rupture	(Rm)	1690 N/mm^2
	Limite d'élasticité	(Re)	1340 N/mm^2
	Allongement	(A_5)	9%
	Résilience	(-20 °C)	29J

LAME AD UNO SMUSSO PRODOTTE CON DIMENSIONI A RICHIESTA
SINGLE BEVEL BLADES PRODUCED WITH DIMENSIONS ON REQUEST
EINFASIGE MESSERSTÄHLE MIT WUNSCHABMESSUNGEN
LAMES À UN CHANFREIN PRODUITES AVEC DIMENSIONS SUR REQUÊTE

Fig. 1

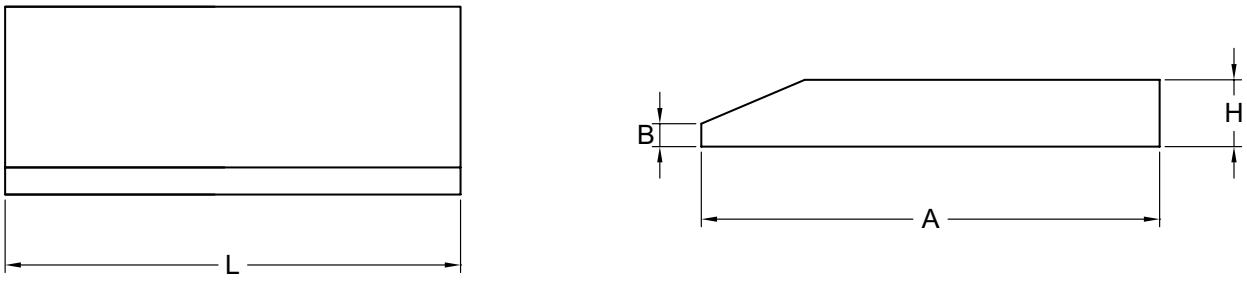


Fig. 2

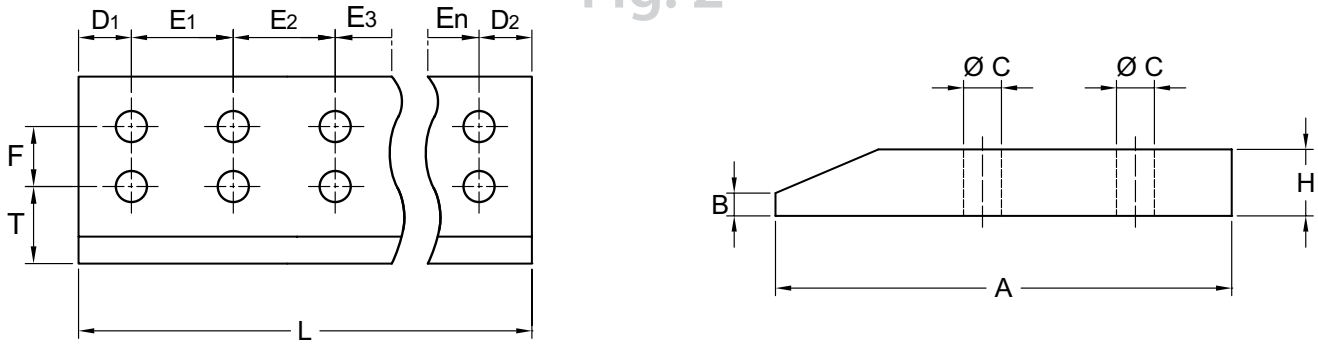
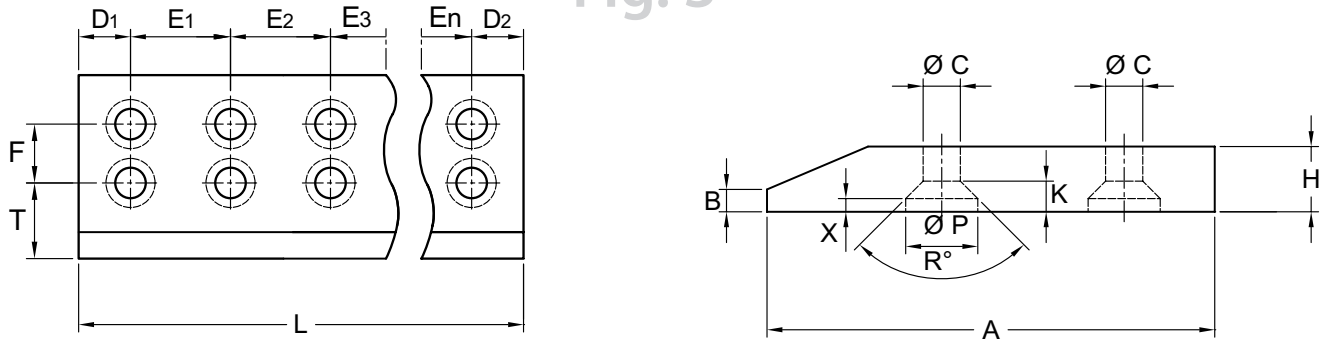


Fig. 3



LAME AD UNO SMUSSO PRODOTTE CON DIMENSIONI A RICHIESTA
SINGLE BEVEL BLADES PRODUCED WITH DIMENSIONS ON REQUEST
EINFASIGE MESSERSTÄHLE MIT WUNSCHABMESSUNGEN
LAMES À UN CHANFREIN PRODUITES AVEC DIMENSIONS SUR REQUÊTE

Fig. 4

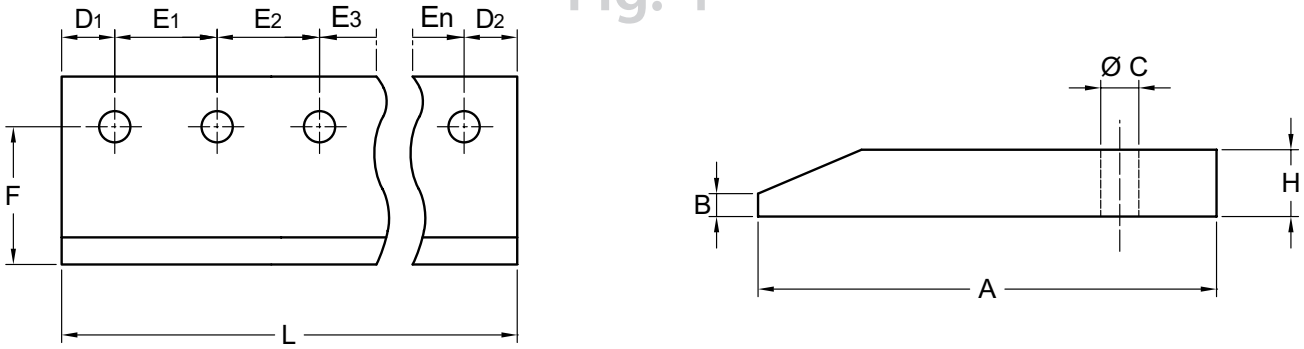


Fig. 5

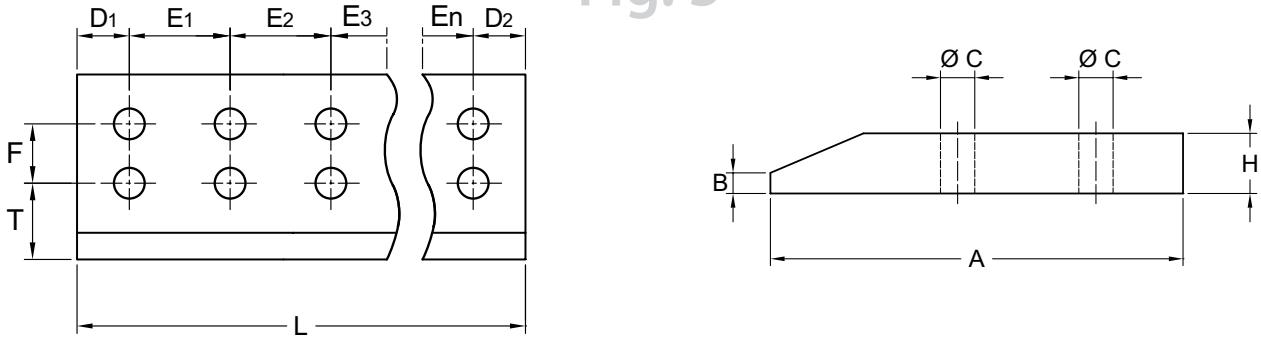
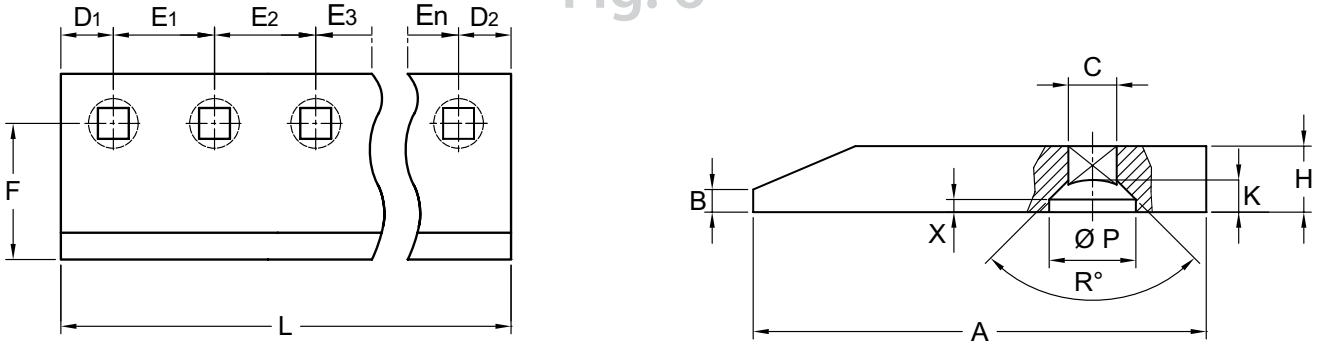


Fig. 6



LAME A DUE SMUSSI PRODOTTE CON DIMENSIONI A RICHIESTA
DOUBLE BEVEL BLADES PRODUCED WITH DIMENSIONS ON REQUEST
ZWEIFASIGE MESSERSTÄHLE MIT WUNSCHABMESSUNGEN
LAMES À DEUX CHANFREINS PRODUITES AVEC DIMENSIONS SUR REQUÊTE

Fig. 7

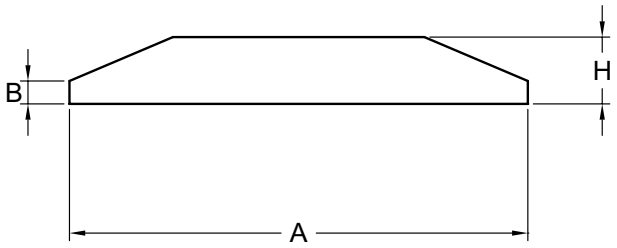
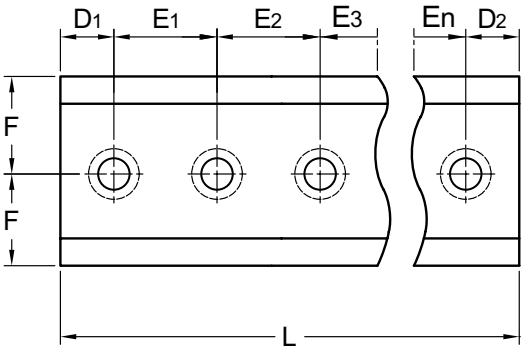


Fig. 8



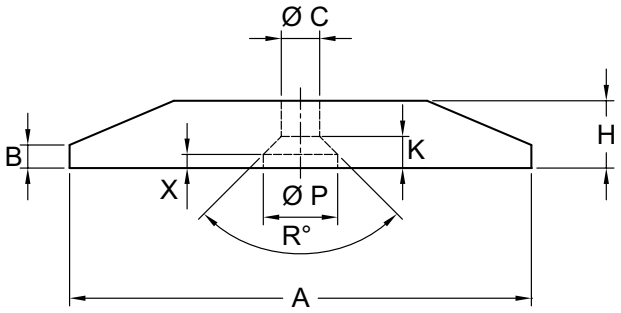
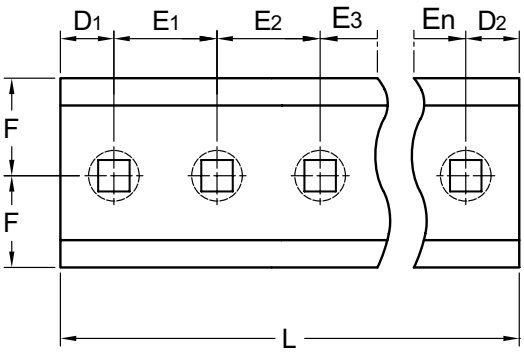
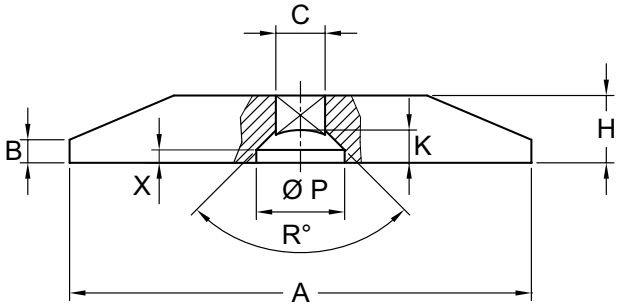


Fig. 9





LAME PRODOTTE DA RIFERIMENTO ORIGINALE
BLADES PRODUCED AS PER ORIGINAL NUMBER
NACH ORIGINALNUMMERN HERGESTELLTE MESSERSTÄHLE
LAMES PRODUITES D'APRÈS NUMÉRO ORIGINAL

LAME PER PALE ED ESCAVATORI
BLADES FOR LOADERS AND EXCAVATORS
MESSERSTÄHLE FÜR LADER UND BAGGER
LAMES POUR PELLES ET EXCAVATEURS

TAGLIENTI IMBULLONATI PER PALE
BOLT-ON CUTTING EDGES FOR LOADERS
UNTERSCHRAUBMESSER FÜR LADER
LAMES BOULONNÉES POUR PELLES-CHARGEUSES

TAGLIENTI PER DOZER
DOZER EDGES
PLANIERMESSER FÜR DOZER
LAMES POUR DOZER

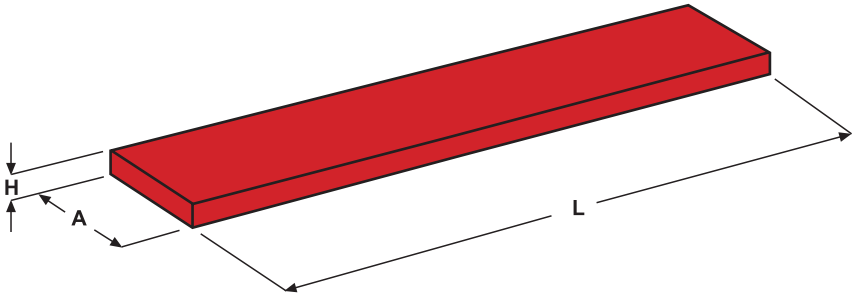
TAGLIENTI PER GRADER
GRADER EDGES
PLANIERMESSER FÜR GRADER
LAMES POUR GRADER

PROFILI RETTANGOLARI PRODOTTI IN DUE TIPI DI ACCIAIO ANTIUSURA
RECTANGULAR PROFILES PRODUCED IN TWO KINDS OF ANTI-WEAR STEEL
RECHTECKIGE PROFILE AUS ZWEI VERSCHLEIßFREIEN STAHLSORTEN
LAMES RECTANGULAIRES PRODUITES EN DEUX TYPES D'ACIER ANTI-USURE

ET 400

ET 500

PROFILI RETTANGOLARI PRODOTTI IN ACCIAIO ANTIUSURA TIPO ET 400
RECTANGULAR PROFILES PRODUCED IN ANTI-WEAR STEEL TYPE ET 400
RECHTECKIGE PROFILE AUS VERSCHLEIßFREIEM STAHL TYP ET 400 HERGESTELLT
PROFILS RECTANGULAIRES PRODUITES EN ACIER ANTI-USURE TYPE ET 400



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (kg/m)
	A	H	L	
E 1010 T	100	10	6000	7.8
E 1015 T	100	15	6000	11.7
E 1212 T	120	12	6000	11.2
E 1220 T	120	20	6000	18.7
E 1315 T	130	15	6000	15.2
E 1615 T	160	15	6000	18.7
E 1820 T	180	20	6000	28.0
E 2015 T	200	15	6000	23.4
E 3040 T	300	40	6000	96.0
E 3530 T	350	30	6000	84.0
E 3535 T	350	35	6000	98.0
E 3820 T	380	20	6000	60.8
E 3825 T	380	25	6000	76.0

ET 400

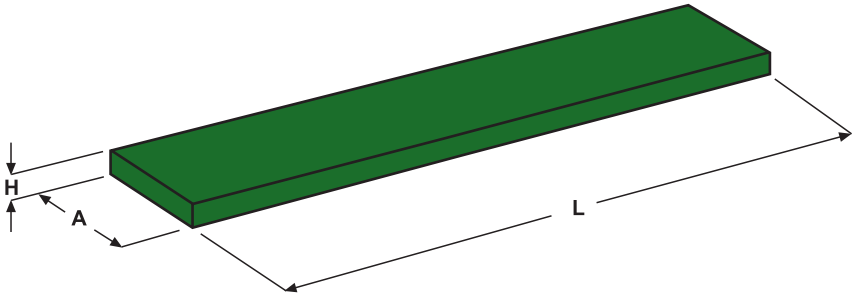
TIPO DI ACCIAIO:	Acciaio al Manganese - Cromo - Molibdeno - Boro con un limitato contenuto di Carbonio (C = 0.17 - 0.20).		
DUREZZA:	**HB 380-440** (dopo trattamento termico effettuato sull'intero spessore del piatto).		
CARATTERISTICHE MECCANICHE:	Tensione di rottura	(Rm)	1430 N/mm^2
	Snervamento	(Re)	1130 N/mm^2
	Allungamento	(A_5)	11%
	Resilienza	(-20 °C)	29J

TYPE OF STEEL:	Steel with Manganese - Chromium - Molybdenum - Boron and a small Carbon content (C = 0.17 - 0.20).		
HARDNESS:	**HB 380-440** (after heat-treatment on the entire thickness of the profile).		
MECHANICAL FEATURES:	Tensile strength	(Rm)	1430 N/mm^2
	Yield point	(Re)	1130 N/mm^2
	Elongation	(A_5)	11%
	Resiliency	(-20 °C)	29J

STAHLART:	Stahl mit Mangan - Chrom - Molybdän - Bor und einem geringen Kohlenstoffanteil (C = 0.17 - 0.20).		
HÄRTE:	**HB 380-440** (nach Vergütung auf der ganzen Messerstärke).		
MECHANISCHE EIGENSCHAFTEN:	Zugfestigkeit	(Rm)	1430 N/mm^2
	Streckgrenze	(Re)	1130 N/mm^2
	Dehnung	(A_5)	11%
	Schlagarbeit	(-20 °C)	29J

TYPE D'ACIER:	Acier avec Manganèse - Chrome - Molybdène - Bore et un petit contenu du Carbone (C = 0.17 - 0.20).		
DURETÉ:	**HB 380-440** (après le traitement thermique effectué sur l'entière épaisseur du plat).		
CARACTÉRISTIQUES MÉCANIQUES:	Limite de rupture	(Rm)	1430 N/mm^2
	Limite d'élasticité	(Re)	1130 N/mm^2
	Allongement	(A_5)	11%
	Résilience	(-20 °C)	29J

PROFILI RETTANGOLARI PRODOTTI IN ACCIAIO ANTIUSURA TIPO ET 500
RECTANGULAR PROFILES PRODUCED IN ANTI-WEAR STEEL TYPE ET 500
RECHTECKIGE PROFILE AUS VERSCHLEIßFREIEM STAHL TYP ET 500 HERGESTELLT
PROFILS RECTANGULAIRES PRODUITES EN ACIER ANTI-USURE TYPE ET 500



NS. RIF. OUR REF. UNS. REF. NOTRE REF.	DIMENSIONI - DIMENSIONS - ABMESSUNGEN - DIMENSIONS			PESO WEIGHT GEWICHT POIDS (kg/m)
	A	H	L	
E 1010 R	100	10	6000	7.8
E 1015 R	100	15	6000	11.7
E 1220 R	120	20	6000	18.7
E 1520 R	150	20	6000	23.4

ET 500

TIPO DI ACCIAIO:	Acciaio al Manganese - Cromo - Molibdeno - Boro con un medio contenuto di Carbonio (C = 0.26 - 0.30).		
DUREZZA:	**HB 470-530** (dopo trattamento termico effettuato sull'intero spessore del piatto).		
CARATTERISTICHE MECCANICHE:	Tensione di rottura	(Rm)	1690 N/mm^2
	Snervamento	(Re)	1340 N/mm^2
	Allungamento	(A_5)	9%
	Resilienza	(-20 °C)	29J

TYPE OF STEEL:	Steel with Manganese - Chromium - Molybdenum - Boron and a medium Carbon content (C = 0.26 - 0.30).		
HARDNESS:	**HB 470-530** (after heat-treatment on the entire thickness of the profile).		
MECHANICAL FEATURES:	Tensile strength	(Rm)	1690 N/mm^2
	Yield point	(Re)	1340 N/mm^2
	Elongation	(A_5)	9%
	Resiliency	(-20 °C)	29J

STAHLART:	Stahl mit Mangan - Chrom - Molybdän - Bor und einem mittleren Kohlenstoffanteil (C = 0.26 - 0.30).		
HÄRTE:	**HB 470-530** (nach Vergütung auf der ganzen Messerstärke).		
MECHANISCHE EIGENSCHAFTEN:	Zugfestigkeit	(Rm)	1690 N/mm^2
	Streckgrenze	(Re)	1340 N/mm^2
	Dehnung	(A_5)	9%
	Schlagarbeit	(-20 °C)	29J

TYPE D'ACIER:	Acier avec Manganèse - Chrome - Molybdène - Bore et un moyen contenu du Carbone (C = 0.26 - 0.30).		
DURETÉ:	**HB 470-530** (après le traitement thermique effectué sur l'entière épaisseur du plat).		
CARACTÉRISTIQUES MÉCANIQUES:	Limite de rupture	(Rm)	1690 N/mm^2
	Limite d'élasticité	(Re)	1340 N/mm^2
	Allongement	(A_5)	9%
	Résilience	(-20 °C)	29J

ANNOTAZIONI
NOTES
NOTIZEN
ANNOTATIONS

I particolari indicati in questo catalogo sono tutti prodotti in acciaio di alta qualità idoneo ad impieghi ove sia richiesta un'alta resistenza all'usura.
Tutti i particolari sono intercambiabili con quelli originali.
Il numero originale è stato indicato unicamente a titolo di riferimento per facilitarne l'identificazione.

The parts illustrated in this catalogue are all manufactured in high-quality steel suitable to uses requiring high wear-resistance.
All the parts are interchangeable with the original ones.
The original number has been given only for reference, in order to make the identification easier.

Die in diesem Katalog gezeigten Artikel werden aus Stahl von hervorragender Qualität hergestellt, speziell geeignet für Verwendungen, die einen hohen Verschleißwiderstand verlangen.
Alle Teile sind mit den Originalteilen austauschbar.
Die Originalnummer wurde nur genannt, um die Identifikation zu erleichtern.

Les détails indiqués dans ce catalogue sont tous produits en acier de toute première qualité indiqué pour des emplois qui requièrent une résistance à l'usure très élevée.
Tous les détails sont interchangeables avec ceux originaux.
Le numéro original a été indiqué seulement pour référence afin d'en faciliter l'identification.

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