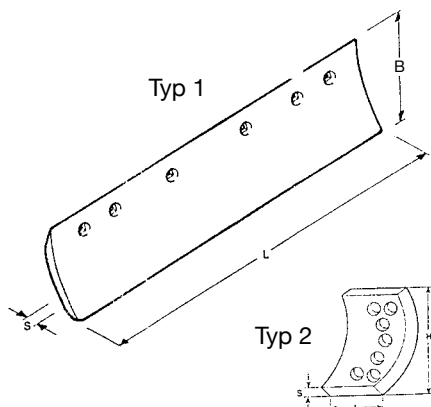


Gradermesser / Grader blades and end bits



Gradermesser

- Aus gewalzten Profilen
- Naturhart und mit hohem Kohlenstoffanteil gegen vorzeitigen Verschleiß

Grader blades

- Made from rolled sections
- High Carbon steel to protect against wear

Die Form des Artikels kann von der Skizze abweichen /
 The shape of the component may differ from the sketch.

Typ Type	Abmessungen (mm) Dimensions (mm)				Ref.-Nr. Ref.-No.	Gewicht Weight KG	VeRotool-Bestell-Nr VeRotool-No.
	B	S	L	Ø bolt (")			25-30 HRc
1	152	16	1828	3/4	9J3657	29,0	33.6 x 6 x 5/8 - 3/4 33.6 x 5 x 3/4 33.6 x 6 x 3/4 33.6 x 7 x 3/4 33.8 x 5 x 3/4 33.8 x 6 x 3/4 33,8 x 6 x 3/4 - 3/4 33.8 x 7 x 3/4 33.8 x 8 x 3/4
1	152	19	1524	5/8	3G7966	30,0	
1	152	19	1828	5/8	5D9556	36,0	
1	152	19	2133	5/8	5D9557	42,0	
1	203	19	1524	5/8	9W6252	43,0	
1	203	19	1828	5/8	5D9558	51,0	
1	203	19	1828	3/4	7D1576	50,0	
1	203	19	2133	5/8	5D9559	62,0	
1	203	19	2438	5/8	5D9732	66,0	
2	150	16	473	5 x 5/8	7D2052	7,5	
2	150	19	480	5 x 5/8	4130-339	9,3	33.4130339
2	152	19	374	4 x 5/8	4168-585	7,5	33.6 x 3/4

Gradermesser

- Aus gewalzten Profilen
- Vergütet für Einsätze mit sehr hohem Verschleiß

Grader blades

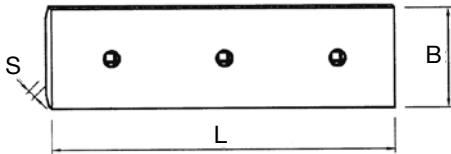
- Made from rolled sections
- Heat treated for high wear resistance

Abbildung s.o. / figure see above

Typ Type	Abmessungen (mm) Dimensions (mm)				Ref.-Nr. Ref.-No.	Gewicht Weight KG	VeRotool-Bestell-Nr VeRotool-No.
	B	S	L	Ø bolt (")			45-50 HRc
1	152	19	1524	5/8	3G7966	30,0	33.6 x 5 x 3/4 - 50 HRc 33.6 x 6 x 3/4 - 50 HRc 33.6 x 7 x 3/4 - 50 HRc 33.8 x 5 x 3/4 - 50 HRc
1	152	19	1828	5/8	5D9556	36,0	
1	152	19	2133	5/8	5D9557	42,0	
1	203	19	1524	5/8	9W6252	43,0	

Weitere Abmessungen auf Anfrage / Further dimensions on request

Unterschraubmesser / Bolt-on cutting edges

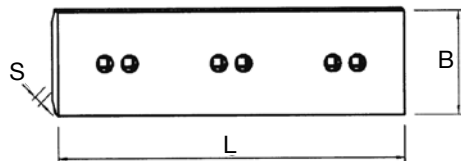


Unterschraubmesser

- Aus warmgewalztem, hochverschleißfestem Borstahl, gehärtet auf ca. 500 HB

Bolt-on cutting edges

- Made of hot rolled Boron steel, hardened to approx. 500 HB

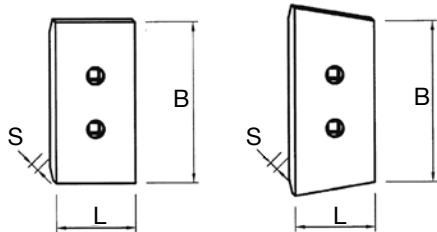


Die Form des Artikels kann von der Skizze abweichen /
 The shape of the component may differ from the sketch.

Abmessungen (mm) Dimensions (mm)				Gewicht Weight KG	Ref.-Nr. Ref.-No.	Modell Model	VeRotool-Bestell-Nr VeRotool-No.
B	S	L	Ø bolt (")				
165	16	1890	M16SI	35,0	132-4724	906M, 908H	600.132-4724
165	16	2080	M16SI	37,5	132-4725	907H, 908H/M	600.132-4725
250	20	433	3/4	15,0	4T2914	910	600.4T2914
250	20	1308	3/4	48,0	4T2913	910	600.4T2913
280	25	788	1	39,1	1U1465	920, 930, 950	600.1U1465
280	25	819	1	40,7	1U1464	920, 930, 950	600.1U1464
280	25	851	1	42,3	1U0605	941, 951B, 951C	600.1U0605
280	25	1025	1	50,9	1U0295	916, 926, 953	600.1U0295
280	25	1044	1	51,9	1U0607	920, 930	600.1U0607
280	25	1102	1	53,0	8E4567	938K	600.8E4567
280	25	1200	1	56,0	110-4711	938G	600.110-4711
360	30	990	1	74,5	1U1470	950	600.1U1470
360	30	1120	1	84,4	1U1471	950	600.1U1471
360	30	1148	1	90,4	1U2412	950	600.1U2412
360	30	1210	1	81,8	1U0601	950B, 950E, 966D	600.1U0601
360	30	1282	1	105,0	139-9230	950G, 962G	600.139-9230
360	30	1404	1	110,5	1U1476	966A, 966B, 966C	600.1U1476
360	30	1018	1 ¼	80,1	1U2408	977L	600.1U2408
360	30	1205	1 ¼	96,9	1U2409	977L	600.1U2409
360	30	1223	1 ¼	96,3	1U2407	966C	600.1U2407
360	30	1231	1 ¼	96,9	1U2406	966C	600.1U2406
360	30	1260	1 ¼	95,6	1U1909	966D, 966E	600.1U1909
360	30	1319	1 ¼	111,0	1U0593	966D, 966E	600.1U0593
360	30/40	1398	1 ¼	112,0	100-6668	966G, 970G, 972G	600.100-6668/-40
400	40	1450	1 ¼	175,0	109-9212	980F/G/H	600.109-9212-40
406	35	1211	1	126,0	4T6588	988B	600.4T6588
406	35	1406	1 ¼	149,6	1U0762	980C	600.1U0762
406	35	1524	1 ¼	162,2	9W1375	988B	600.9W1375

Weitere Abmessungen auf Anfrage / Further dimensions on request

Eckmesser zu Unterschraubmesser / Bolt-on end bits

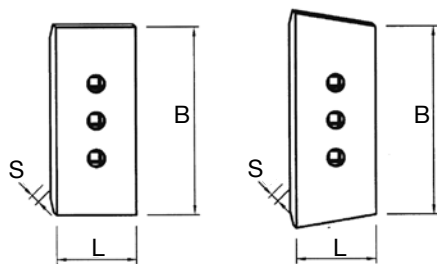


Eckmesser

- Aus warmgewalztem, hochverschleißfestem Borstahl, gehärtet auf ca. 500 HB

Corner edges

- Made of hot rolled Boron steel, hardened to approx. 500 HB

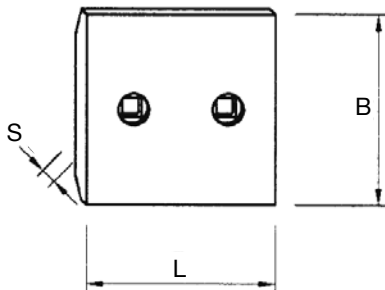


Die Form des Artikels kann von der Skizze abweichen /
 The shape of the component may differ from the sketch.

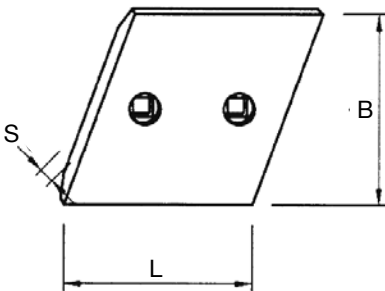
Abmessungen (mm) Dimensions (mm)				Gewicht Weight KG	Ref.-Nr. Ref.-No.	Modell Model	VeRotool-Bestell-Nr VeRotool-No.
B	S	L	Ø bolt (")				
342	25	160	1	9,5	4T8091	953, 951, 943, 941, 938, 936, 930, 926, 920, 916, IT28	600.4T8091
496	30	175	1	17,5	4T8101	963, 955, 950, 950B, 950E, G	600.4T8101
510	35/40	200	1 ¼	25,6	3G6395	977, 973, 970F, 966D, 966E, 966G, 966C, 972G	600.3G6395/-40
510	35	230	1 ¼	29,0	106-9290	977, 973, 970F, 966D, 966E, 966F, 966C	600.106-9290
556	40	264	1 ¼	43,5	1U0761	988F, 980F, 988B, 980C	600.1U0761

Segmente / Segments

Typ 1



Typ 2



Segmente

- Aus warmgewalztem, hochverschleißfestem Borstahl, gehärtet auf ca. 500 HB

Segments

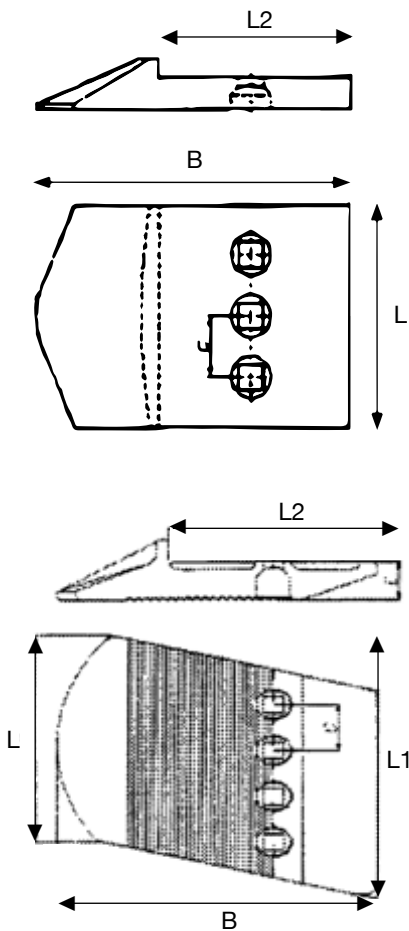
- Made of hot rolled Boron steel, hardened to approx. 500 HB

Die Form des Artikels kann von der Skizze abweichen /
 The shape of the component may differ from the sketch.

Typ Type	Abmessungen (mm) Dimensions (mm)				Gewicht Weight KG	Ref.-Nr. Ref.-No.	Modell Model	VeRotool-Bestell-Nr VeRotool-No.
	B	S	L	Ø bolt (H)				
1	280	25	265	1	12,9	4T6695	IT28, IT18, IT12 936E/F, 950B/E/F	600.4T6695
1	360	30	240	1 ¼	19,0	4T6698	966D/E/F, 973	600.4T6698
1	360	35	256	1 ¼	24,0	140-6862	982	600.140-6862
2	360	35	265	1 ¼	23,1	140-6863	966H/K	600.140-6863
2	360	35	265	1 ¼	23,1	140-6863	966H/K	600.140-6864
1	360	30	270	1 ¼	20,4	4T6699	966D/E/F, 973	600.4T6699
1	360	30	293	1 ¼	21,15	100-6666	960, 966K, 970, 972G/H/K	600.100-6666
1	483	35	312	1 ¼	38,2	9W5730	980F/G, 988B/F	600.9W5734
2	483	35	323	1 ¼	38,8	9W5734	980F/G, 988B/F	600.9W5730
2	483	35	323	1 ¼	38,8	9W5737	980F/G, 988B/F	600.9W5737

Weitere Abmessungen auf Anfrage / Further dimensions on request

Halbpfeil-Unterschraubsegmente / Bolt-on half-arrow segments



Halbpfeil-Unterschraubsegmente

- Aus hochverschleißfestem Stahl, gehärtet auf ca. 500 HB
- Verbessern die Eindringung in das Material besonders bei großen Radladern
- Schützen das Basismesser vor Verschleiß

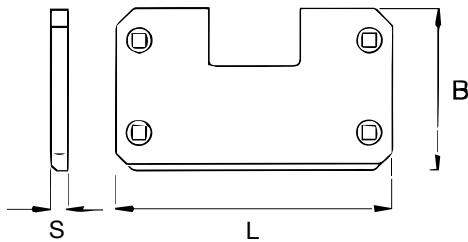
Bolt-on half-arrow segments

- Made of highly wear resistant steel, hardened to approx. 500 HB
- Facilitate the penetration into the material especially on large wheel loaders
- Protecting the base edge against wear

Die Form des Artikels kann von der Skizze abweichen /
 The shape of the component may differ from the sketch.

Messer- winkel° Spade angle°	Abmessungen (mm) Dimensions (mm)				Bohr- löcher Holes	Gewicht Weight KG	Ref.-Nr. Ref.-No.	Modell Model	VeRotool-Bestell-Nr VeRotool-No.
	B	L	L1	L2					
-	420	312	-	275	3	44	116-7460 CTR	980G/988B	600.116-7460
15	420	312	417	275	3	42	116-7461 RH	980G/988B	600.116-7461
15	420	312	417	275	3	42	116-7462 LH	980G/988B	600.116-7462
-	420	342	-	275	3	46	109-9080 CTR	988F/G	600.109-9080
15	420	342	442	275	3	44	109-9081 RH	988F/G	600.109-9081
15	420	342	442	275	3	44	109-9082 LH	988F/G	600.109-9082

Verschleißkufen / Rear wear plates



Verschleißkufen

- Aus warmgewalztem, hochverschleißfestem Borstahl, gehärtet auf ca. 500 HB

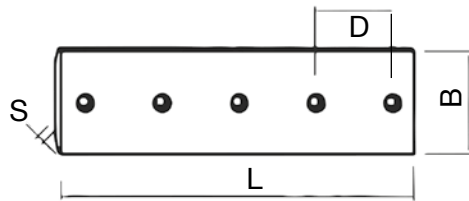
Rear wear plates

- Made of hot rolled Boron steel, hardened to approx. 500 HB

Die Form des Artikels kann von der Skizze abweichen /
 The shape of the component may differ from the sketch.

Abmessungen (mm) Dimensions (mm)				Gewicht Weight KG	Ref.-Nr. Ref.-No.	Modell Model	VeRotool-Bestell-Nr VeRotool-No.
B	S	L	Ø bolt (")				
250	25	527	3/4	21,0	9W6747	950G, 960F, 962G	600.9W6747
250	35	440	3/4	29,5	248-2419	950G, 962G, 966K	600.248-2419
250	35	565	3/4	37,0	9W6749	966D/E/F, 970/F	600.9W6749
250	35	565	3/4	36,0	161-8573	966G/K, 972G/K	600.161-8573
250	35	597	3/4	38,0	9W6750	980FII, 980M/K	600.9W6750
250	35	622	3/4	41,0	109-9215	980F/G	600.109-9215

Planiermesser / Cutting edges for bulldozer

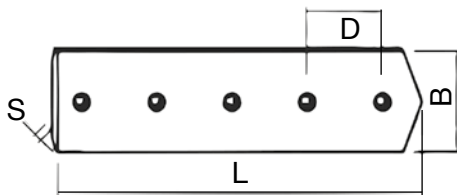


Planiermesser

■ Aus warmgewalztem, hochverschleißfestem Borstahl, gehärtet auf ca. 500 HB

Cutting edges for bulldozer

■ Made of hot rolled Boron steel, hardened to approx. 500 HB

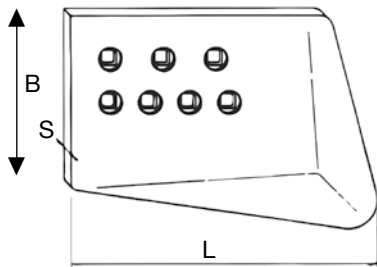


Die Form des Artikels kann von der Skizze abweichen /
 The shape of the component may differ from the sketch.

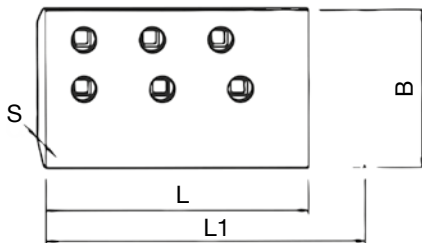
Abmessungen (mm) Dimensions (mm)					Bohr- löcher Holes	Gewicht Weight KG	Ref.-Nr. Ref.-No.	Modell Model	VeRotool-Bestell-Nr VeRotool-No.
B	S	L	D (H)	Ø bolt (H)					
200	16	1054	6	3/4	7	25,0	8E9377	D4/D5/D6	600.8E9377
200	16	1195	6	3/4	8	26,0	4T8940	D4/D5	600.4T8940
200	20	690	6	3/4	4	23,6	278-2168	D6N LGP	600.278-2168
200	20	840	-	3/4	5	23,2	297-1705	D6K LGP	600.297-1705
200	20	870	-	3/4	5	22,7	257-0264	D6N XL	600.257-0264
200	20	880	-	3/4	6	22,2	257-0265	D6N XL	600.257-0265
200	20	922	6	3/4	6	31,6	278-2170	D6N LGP	600.278-2170
200	20	937	6	3/4	6	33,1	278-2169	D6N LGP	600.278-2169
200	20	953	-	3/4	7	24,0	297-1699	D6K LGP	600.297-1699
200	20	990	6	3/4	6	26,0	371-0786	D6K LGP	600.371-0786
200	20	1052	6	3/4	7	30,0	4T6659	D4/D5/D6	600.4T6659
200	20	1152	6	3/4	7	33,0	3G4282	D5/D6	600.3G4282
200	20	1357	6	3/4	9	37,5	8E7245	D6K LGP	600.8E7245
200	20	1496	-	3/4	9	41,2	177-4550	D6M LGP	600.177-4550
200	20	1558	6	3/4	10	45,0	4T2315	D5/D6	600.4T2315
250	20	802	6	3/4	5	28,1	4T2952	D6	600.4T2952
250	20	1227	6	3/4	8	44,0	9W1878	D6	600.9W1878
250	20	1561	6	3/4	10	57,0	4T2950	824	600.4T2950

Weitere Planiermesser bis zu D11 Maschinen auf Anfrage / Further cutting edges up to D11 models on request

Planier-Eckmesser / End bits for bulldozer



HC



STD

Planier-Eckmesser

- Aus warmgewalztem, hochverschleißfestem Borstahl, gehärtet auf ca. 500 HB

End bits for bulldozer

- Made of hot rolled Boron steel, hardened to approx. 500 HB

Die Form des Artikels kann von der Skizze abweichen /
 The shape of the component may differ from the sketch.

Abmessungen (mm) Dimensions (mm)				Typ Item	Bohr- löcher Holes	Gewicht Weight KG	Ref.-Nr. Ref.-No.	Modell Model	VeRotool-Bestell-Nr VeRotool-No.
B	S	L/L1	Ø bolt (")						
203	19,0	470/432	3/4	STD*	4	12,4	8E9379/78	6SU, 6P, 5A, 5S, 5S-LGP 4A, AS, 4S-LGP, 5SU, 4P, 4P-LGP	600.8E9379/78
203	19,0	539/410	3/4	STD*	4	13,2	177-4551/52	D6M-LGP	600.177-4551/52
203	25,0	405	3/4	STD*	6	13,3	4T4435/36	6A, 6S, 6S-LGP	600.4T4435/36
255	25,0	465	3/4	STD*	6	18,7	9W8874/75	6A, 6S, 6SU	600.9W8874/75
280	30,0	475	3/4	HC**	6	27,0	9W1875/76	6A, 6SU, 6S	600.9W1875/76

*STD: Standard-Eckmesser für Fein- und allgemeine Planierarbeiten / Standard type for finish and semi-finish dozing

**HC: Verstärkte Eckmesser für abrasive Planierarbeiten / Hot Cupped Type for abrasive dozer applications