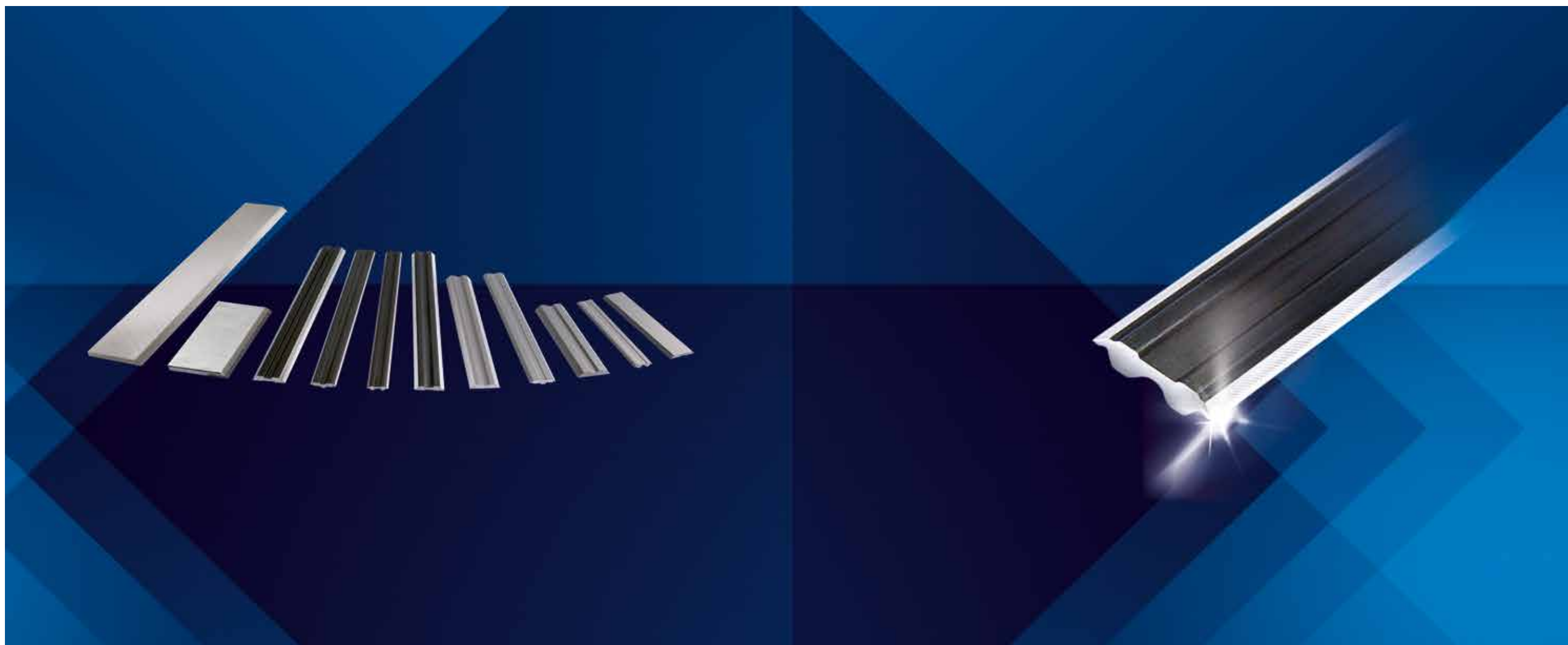
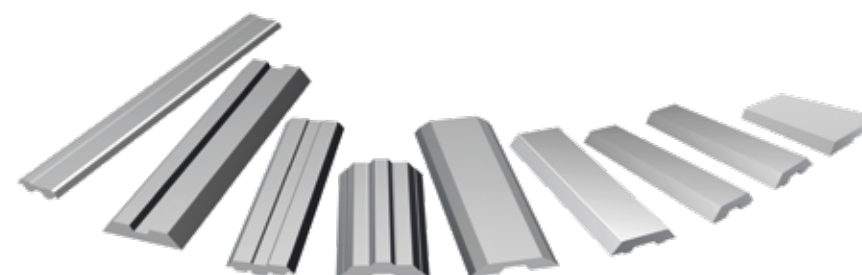




EN Planer knives
DE Hobelmesser
FR Couteaux à raboter
IT Coltelli da pialla
ES Cuchillas para cepillar





EN Planer knives
 DE Hobelmesser
 FR Couteaux à raboter
 IT Coltelli da pialla
 ES Cuchillas para cepillar

	EN Reversible knives for portable planers DE Wendeschneidplatten für Handhobel FR Plaquettes pour rabots électro portatifs IT Coltelli per piallatrici portatili ES Cuchillas para acepilladoras electricas
	EN Planer knives for system Tersa DE Hobelmesser für System Tersa FR Couteaux à raboter pour système Tersa IT Coltelli da pialla per sistema Tersa ES Cuchillas para cepillar para sistema Tersa
	EN Planer knives for system Centrolock DE Hobelmesser für System Centrolock FR Couteaux à raboter pour système Centrolock IT Coltelli da pialla per sistema Centrolock ES Cuchillas para cepillar para sistema Centrolock
	EN Planer knives for system Terminus DE Hobelmesser für System Terminus FR Couteaux à raboter pour système Terminus IT Coltelli da pialla per sistema Terminus ES Cuchillas para cepillar para sistema Terminus
	EN Planer knives for system Centrofix / Centrostar / Quickfix DE Hobelmesser für System Centrofix / Centrostar / Quickfix FR Couteaux à raboter pour système Centrofix / Centrostar / Quickfix IT Coltelli da pialla per sistema Centrofix / Centrostar / Quickfix ES Cuchillas para cepillar para sistema Centrofix / Centrostar / Quickfix
	EN Planer knives for system Variplan DE Hobelmesser für System Variplan FR Couteaux à raboter pour système Variplan IT Coltelli da pialla per sistema Variplan ES Cuchillas para cepillar para sistema Variplan
	EN Planer knives for system Sinus DE Hobelmesser für System Sinus FR Couteaux à raboter pour système Sinus IT Coltelli da pialla per sistema Sinus ES Cuchillas para cepillar para Sinus
	EN Planer knives for system Enshin DE Hobelmesser für System Enshin FR Couteaux à raboter pour système Enshin IT Coltelli da pialla per sistema Enshin ES Cuchillas para cepillar para sistema Enshin
	EN Planer knives for system Bulldozer DE Hobelmesser für System Bulldozer FR Couteaux à raboter pour système Bulldozer IT Coltelli da pialla per sistema Bulldozer ES Cuchillas para cepillar para sistema Bulldozer
	EN Planer knives for system Barke / Brück / ESTA DE Hobelmesser für System Barke / Brück / ESTA FR Couteaux à raboter pour système Barke / Brück / ESTA IT Coltelli da pialla per sistema Barke / Brück / ESTA ES Cuchillas para cepillar para sistema Barke / Brück / ESTA
	EN HSS / Matrix planer knives DE HSS / Matrix-Hobelmesser FR Fers de raboteuse HSS / Matrix IT Coltelli da pialla HSS / Matrix ES Cuchillas en HSS / Matrix
	EN T.C.T. and solid carbide planer knives DE HM-bestückte und Vollhartmetall-Hobelmesser FR Couteaux à mise rapportée carbure et couteaux à raboter au carbure massif IT Coltelli da pialla con metallo duro riportato e coltelli da pialla in HM integrale ES Cuchillas con metal duro y cuchillas metal duro integral

- EN Planer knives - Grades and their applications
- DE Hobelmesser - Sorten und ihre Anwendungen
- FR Couteaux à raboter - Les nuances et leurs applications
- IT Coltelli da pialla - I tipi e le loro applicazioni
- ES Cuchillas para cepillar - Calidades y sus aplicaciones

EN grade	Compositon	Hardness	Toughness	Bending strength	EN HDF	MDF	Chipboard	Hardwood	Softwood	Main usage
DE Sorte	Zusammensetzung	Härte	Zähigkeit	Biegebruchfestigkeit	DE HDF	MDF	Spanplatte	Hartholz	Weichholz	Hauptverwendung
FR Nuance	Composition	Dureté	Ténacité	Résistance à la flexion	FR HDF	MDF	Panneaux de particule	Bois dur	Bois tendre	Usage principal
IT Tipo	Composizione	Durezza	Tenacità	Resistenza flessionale	IT HDF	MDF	Truciolare	Legno duro	Legno tenero	Uso principale
ES Calidad	Composición	Dureza	Tenacidad	Resistencia a la flexión	ES HDF	MDF	Panel de aglomerado	Madera dura	Madera blanda	Uso principal
HSS	6 % W / M2									EN Standard HSS grade, wood DE Standard-HSS-Sorte, Holz FR Nuance HSS standard, bois IT HSS standard, legno ES Calidad HSS estándar, madera
HSS18%W	18 % W / T1									EN Best HSS grade, wood DE Beste HSS-Sorte, Holz FR Meilleure nuance HSS, bois IT Migliore HSS, legno ES Mejor calidad HSS, madera
HSS M42	M42									EN Special HSS grade, wood DE Spezial-HSS-Sorte, Holz FR Nuance HSS spéciale, bois IT HSS speciale, legno ES Calidad HSS especial, madera
H.P.S.	CrV									EN Softwood, low price demands DE Weichholz, preisgünstig FR Bois tendre, pris bas IT Legni teneri, costo basso ES Madera blanda, bajo costo
T.C.T.	carbide tipped									EN High lifetime demands DE Hohe Standzeitanforderungen FR Applications de durabilité maximisé IT Elevata esigenza di durata ES Para aplicaciones de maxima durabilidad
Solid carbide	T10MG									EN Highest lifetime demands DE Höchste Standzeitanforderungen FR Très longue durée de vie et nombreux services IT Massima esigenza di durata ES Vida útil muy prolongada
	T12SMG									EN Highest lifetime and surface quality DE Höchste Lebensdauer und Oberflächenqualität FR La plus haute qualité de vie et de surface IT Maggiore durata e qualità della superficie ES Máxima vida útil y calidad de la superficie
Matrix	special coating									EN Very long lifetime with multiple reshaping DE Sehr lange Lebensdauer durch mehrfaches Nachschärfen FR Très longue durée de vie et nombreux services IT Durata molto lunga con affilatura multipla ES Muy larga vida útil con múltiple reafilado

EN [For technical data, please refer to the pages 8-10.](#)

DE [Die technischen Daten entnehmen Sie bitte den Seiten 8-10.](#)

FR [Pour les données techniques, veuillez voir aux pages 8-10.](#)

IT [Per i dati tecnici, fare riferimento alle pagine 8-10.](#)

ES [Para los datos técnicos, consulte las páginas 8-10.](#)

- best performance
- very good performance
- acceptable
- not suitable

- EN
- Premium planer knives with polished grinding in carbide grade T12SMG
- DE
- Premium-Hobelmesser mit Polierschliff in der Hartmetallsorte T12SMG
- FR
- Couteaux à raboter premium avec affûtage poli miroir en nuance de carbure T12SMG
- IT
- Coltelli da pialla di alta qualità con affilatura lappata in metallo duro tipo T12SMG
- ES
- Cuchillas para cepillar premium con afilado pulido en calidad de carburo T12SMG

12SMG

System TERSA

System CENTROLOCK

System CENTROFIX/
CENTROSTAR/
QUICKFIX

System VARIPLAN

System SINUS

System ENSHIN

System ENSHIN 8-B

System ENSHIN 8-C

System Bulldozer

EN

Best surface quality due to highly polished cutting edges and finest grain carbide
Up to 40 % longer tool life compared to standard carbide knives on the market

DE

Beste Oberflächengüte durch hochglanzpolierte Schneidkanten und Feinstkornhartmetall
Bis zu 40 % höhere Standwege gegenüber marktüblichen HM-Messern

FR

Excellente qualité de surface grâce aux arêtes de coupe polies miroir et au carbure à grain fin
Jusqu'à 40 % plus de durée de vie en comparaison avec les couteaux en carbure de tungstène disponibles sur le marché

IT

Migliore qualità della superficie, grazie ai taglienti lappati e al metallo duro con grano finissimo
Durata dell'utensile fino al 40 % in più, rispetto ai coltelli in metallo duro standard presenti sul mercato

ES

Para mejor calidad de superficie gracias a los bordes de corte altamente pulidos y al carburo de grano más fino
Hasta un 40 % más de duración de la herramienta en comparación con las cuchillas de metal duro estándar del mercado

- EN
- Further technical information
- DE
- Weitere technische Informationen
- FR
- Plus d'informations techniques
- IT
- Ulteriori informazioni tecniche
- ES
- Más información técnica

EN

HSS Black Oxide*

Optimum HSS system planer knives with hardened cutting edges

DE

HSS Black Oxide*

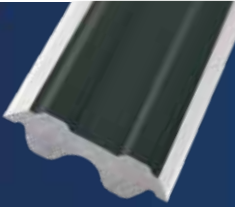
Optimierte HSS-System-Hobelmesser mit gehärteten Schneidkanten

hard

soft

hard





EN

Optimized distribution of hardness

The unique manufacturing process maneuvers hardness to where it belongs: the cutting edge. The core of the knife remains soft to help protect against breakage and to also increase the ease of an eventual straightening.

Polished cutting edge

For an extra-aggressive cut in the wood, the cutting edge has a second, partial polish grind.

Black Oxide Surface

The thin black surface layer of ferric oxide, only nanometers thick, runs across the top and bottom. This improves corrosion resistance and prevents early rusting.

DE

Optimierte Härteverteilung

Durch das spezielle Herstellungsverfahren wird die Härte genau dort hin gebracht, wo sie auch benötigt wird: in die Schneidkante. Der Kern des Messers bleibt weich und flexibel, was Bruch vorbeugt und das eventuelle Richten nach dem Nachschärfen vereinfacht.

Polierte Schneidkante

Für einen besonders giftigen Eingriff im Holz und eine sehr gute Holzoberfläche hat die Schneidkante einen zweiten, polierten Schliff.

Black Oxide Surface

Die wenige Nanometer starke, schwarze Schicht aus Eisenoxyd auf Ober- und Unterseite macht das Messer beständiger gegen Korrosion und verhindert frühzeitiges Rosten.

Matrix Coating Technology*

- Special coating for longest tool life

Matrix Coating Technology*

- Spezialbeschichtung für längste Standwege

EN

Unique coating for maximum lifetime requirements

• Tool life is on average 3-5 times longer

• Coating penetrates into the material

• Still significantly longer tool life after resharpener

• Smoother surface

• Applications: thin planer knives, back corrugated systems, reversible knives

DE

Einzigartige Beschichtung für höchste Standwegansprüche

• Durchschnittlich 3-5-facher Standweg

• Beschichtung dringt in das Material ein

• Auch nach dem Nachschärfen noch deutlich längere Standwege

• Glattere Oberfläche

• Anwendungen: Streifenhobelmesser, rückenverzahnte Systeme, Wendeschneidplatten

* EN Please compare with the pages 9-10.

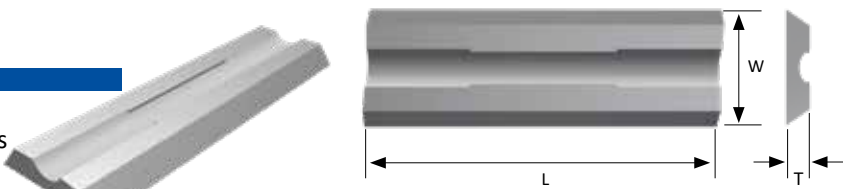
* DE Bitte vergleichen Sie mit den Seiten 9-10.

* FR Veuillez comparer avec les pages 9-10.

* IT Confrontate con le pagine 9-10.

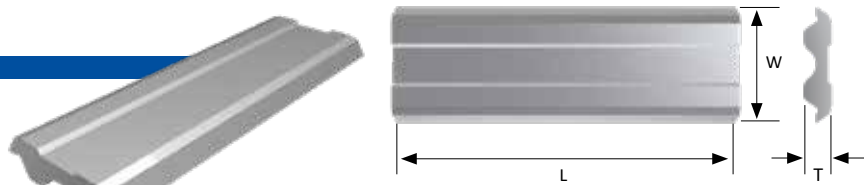
* ES Compárelo con las páginas 9-10.

EN Reversible knives for portable planers
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	L mm	W mm	T mm	Art.	
	56.0	5.5	1.1	013041	Adler
	75.5	5.5	1.1	013001	AEG, Bosch, Festo, Haffner, Kress, Mafell, Metabo, Scheer, Skil, Holz-Her
	78.0	5.5	1.1	013067	Virutex
	102.0	5.5	1.1	013061	AEG
	80.5	5.5	1.1	013010	ELU
	80.5	5.9	1.2	013043	ELU
	82.0	5.5	1.1	013020	AEG, B&D, Bosch, ALU, Fein, Felisatti, Haffner, Hitachi, Holz-Her, Mafell, Makita, Meta- bo, Peugeot, Ryobi, Skil

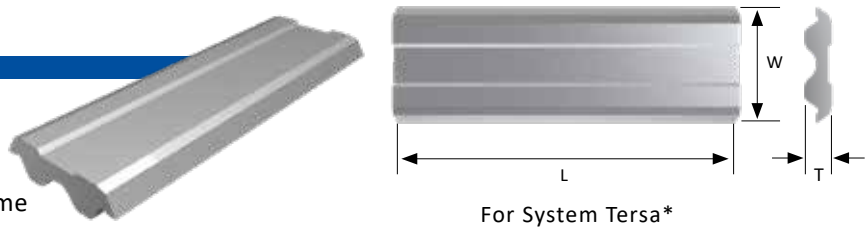
EN System Planer knives
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ES Cuchillas para cepillar para sistema



L mm	W mm	T mm	T10MG	T12SMG polished	HSS 6 % (M2)	HSS 18%W (T1)	HSS M42
60.0	10.0	2.3	100847	159876	100395	114482	114539
80.0	10.0	2.3	100848	159945	100396	114484	114541
90.0	10.0	2.3	104398	159946	107546	114485	114542
100.0	10.0	2.3	055509	159948	100397	114487	114544
110.0	10.0	2.3	100849	159949	100398	114488	114545
115.0	10.0	2.3	105071	159950	104630	114489	114546
120.0	10.0	2.3	100851	159951	100399	114490	114547
125.0	10.0	2.3	104022	159952	107548	114491	114548
130.0	10.0	2.3	055510	159953	100400	114492	114549
135.0	10.0	2.3	103823	159954	103821	114493	114550
140.0	10.0	2.3	104766	159955	104613	114494	114551
150.0	10.0	2.3	100852	159957	100401	114496	114553
160.0	10.0	2.3	103943	159958	102716	114497	114554
170.0	10.0	2.3	100853	159959	100402	114498	114555
180.0	10.0	2.3	100854	159960	100403	114499	114556
185.0	10.0	2.3	105070	159961	102774	114500	114557
190.0	10.0	2.3	104399	159962	104808	114501	114558
200.0	10.0	2.3	105698	159964	104243	114502	114559
210.0	10.0	2.3	100855	159965	100404	114503	114560
220.0	10.0	2.3	104589	159966	104566	114504	114561
230.0	10.0	2.3	055511	159967	100405	114505	114562
235.0	10.0	2.3	103824	159968	101718	114506	114563
240.0	10.0	2.3	104043	159969	101720	114507	114564
250.0	10.0	2.3	100856	159970	100406	114508	114565
260.0	10.0	2.3	100857	159971	100407	114509	114566
265.0	10.0	2.3	104573	159972	104326	114510	114567
270.0	10.0	2.3	101673	159973	102982	114511	114568

* EN For use in Torsa-cutterheads only
* DE Nur zur Verwendung in Torsa-Messerköpfen
* FR Utilisation limitée aux porte outils de Torsa
* IT Da usare solo su teste portacoltelli della Torsa
* ES Sólo para empleo con portacuchillas de Torsa

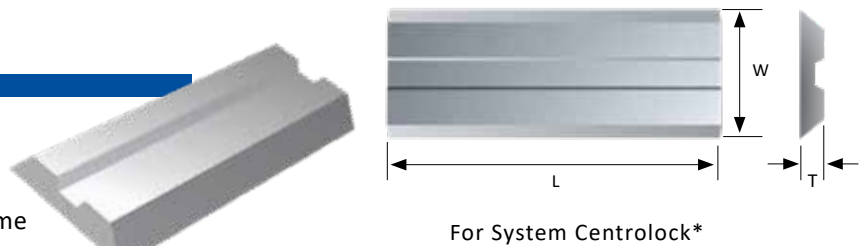
EN System Planer knives
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L mm	W mm	T mm	T10MG	T12SMG polished	HSS 6 % (M2)	HSS 18%W (T1)	HSS M42	H.P.S.
280.0	10.0	2.3	100858	159974	100408	114512	114569	
300.0	10.0	2.3	100859	159975	100409	114513	114570	
310.0	10.0	2.3	055512	159976	100410	114514	114571	
320.0	10.0	2.3	107550	159977	104687	114515	114572	
330.0	10.0	2.3	100861	159978	100411	114516	114573	
350.0	10.0	2.3	100862	159979	100412	114517	114574	
360.0	10.0	2.3	100863	159980	100413	114518	114575	
400.0	10.0	2.3	100864	159981	100414	114519	114576	
410.0	10.0	2.3	055513	159982	100415	114520	114577	
415.0	10.0	2.3	107551	159983	105267	114521	114578	
420.0	10.0	2.3	100865	159984	100416	114522	114579	
430.0	10.0	2.3	055514	159985	100417	114523	114580	
450.0	10.0	2.3	100866	159986	100418	114524	114581	
500.0	10.0	2.3	100867	159987	100419	114525	114582	
510.0	10.0	2.3	055515	159988	100420	114526	114583	
520.0	10.0	2.3	055516	159989	100421	114527	114584	
530.0	10.0	2.3	100868	159990	100422	114528	114585	
540.0	10.0	2.3	100869	159991	100423	114529	114586	
600.0	10.0	2.3	104720	159992	103994	114530	114587	
610.0	10.0	2.3	055517	159993	100424	114531	114588	
630.0	10.0	2.3	055518	159994	100425	114532	114589	
635.0	10.0	2.3	102179	159995	103912	114533	114590	
640.0	10.0	2.3	100870	159996	100426	114534	114591	
650.0	10.0	2.3	055519	159997	100427	114535	114592	
710.0	10.0	2.3			114119	114536	114593	
810.0	10.0	2.3			113435	114537	114594	
1050.0	10.0	2.3			114599	114538	114595	
Coil 60 meters					115127	116526	115128	
Coil 120 meters					110719	115191	114791	115120
Packing paper coil (60 meters for paired packing)					112874	112874	112874	112874

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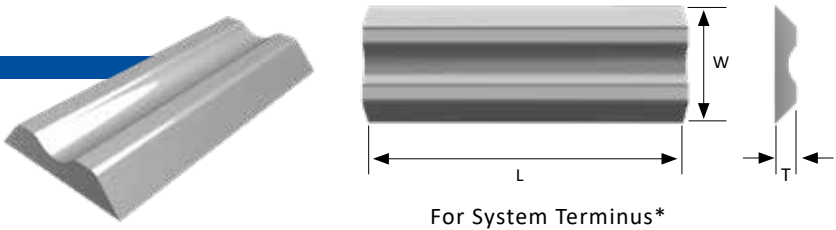
EN System Planer knives
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L mm	W mm	T mm	T10MG	T12SMG polished	HSS 18%W (T1)
10.0	16.0	3.0	102953	160012	114697
30.0	16.0	3.0	102777	160014	114699
40.0	16.0	3.0	102954	160015	114700
50.0	16.0	3.0	102778	160016	114701
60.0	16.0	3.0	100837	160017	114702
65.0	16.0	3.0	107536	160018	114703
80.0	16.0	3.0	100838	160019	114704
100.0	16.0	3.0	055502	160020	114705
115.0	16.0	3.0	106848	160021	114706
130.0	16.0	3.0	055503	160022	114707
140.0	16.0	3.0	107537	160023	114708
150.0	16.0	3.0	100839	160024	114709
160.0	16.0	3.0	105003	160025	114710
170.0	16.0	3.0	055504	160026	114711
180.0	16.0	3.0	100840	160028	114712
190.0	16.0	3.0	100841	160029	114713
210.0	16.0	3.0	100842	160030	114714
220.0	16.0	3.0	107538	160031	114715
230.0	16.0	3.0	054753	160032	114716
235.0	16.0	3.0	100844	160033	114717
240.0	16.0	3.0	055505	160034	114718
260.0	16.0	3.0	100845	160035	114719
270.0	16.0	3.0	055506	160036	114720
285.0	16.0	3.0	125900	160037	122896
300.0	16.0	3.0	102493	160038	114721
310.0	16.0	3.0	100846	160039	114722
460.0	16.0	3.0	055507	160040	114723
650.0	16.0	3.0	055508	160041	114724
1050.0	16.0	3.0			114727

* EN For use in Centrolock-cutterheads only
* DE Nur zur Verwendung in Centrolock-Messerköpfen
* FR Utilisation limitée aux porte outils de Centrolock
* IT Da usare solo su teste portacoltelli della Centrolock
* ES Sólo para empleo con portacuchillas de Centrolock

EN System Planer knives
DE Systemhobelmesser
FR Couteaux à raboter pour système
IT Coltelli da pialla per sistema
ES Cuchillas para cepillar para sistema

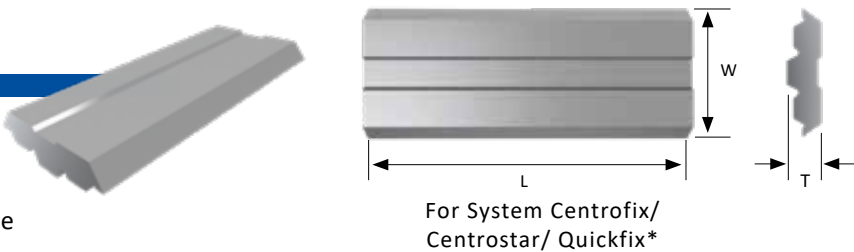


L mm	W mm	T mm	T10MG	HSS 18%W (T1)
50.0	14.0	2.55	100796	114649
60.0	14.0	2.55	100803	114650
80.0	14.0	2.55	100804	114651
100.0	14.0	2.55	100805	114652
110.0	14.0	2.55	100806	114653
120.0	14.0	2.55	100807	114654
130.0	14.0	2.55	055496	114655
136.0	14.0	2.55	107532	114656
140.0	14.0	2.55	100808	114657
150.0	14.0	2.55	100809	114658
160.0	14.0	2.55	100811	114659
170.0	14.0	2.55	100812	114660
180.0	14.0	2.55	100813	114661
190.0	14.0	2.55	100814	114662
200.0	14.0	2.55	100815	114663
210.0	14.0	2.55	100816	114664
220.0	14.0	2.55	100817	114665
230.0	14.0	2.55	054752	114666
240.0	14.0	2.55	100818	114667
250.0	14.0	2.55	100819	114668
255.0	14.0	2.55	107533	114669
260.0	14.0	2.55	100820	114670
270.0	14.0	2.55	100821	114671
275.0	14.0	2.55	107534	114672
280.0	14.0	2.55	100822	114673

L mm	W mm	T mm	T10MG	HSS 18%W (T1)
300.0	14.0	2.55	100823	114674
310.0	14.0	2.55	055497	114675
330.0	14.0	2.55	107535	114676
350.0	14.0	2.55	100824	114677
360.0	14.0	2.55	100825	114678
400.0	14.0	2.55	100826	114679
410.0	14.0	2.55	055498	114680
420.0	14.0	2.55	100828	114681
430.0	14.0	2.55	100829	114682
450.0	14.0	2.55	100830	114683
480.0	14.0	2.55	100940	114684
500.0	14.0	2.55	104977	114685
510.0	14.0	2.55	055499	114686
520.0	14.0	2.55	100831	114687
530.0	14.0	2.55	100832	114688
610.0	14.0	2.55	055500	114689
620.0	14.0	2.55	100833	114690
630.0	14.0	2.55	100834	114691
640.0	14.0	2.55	100835	114692
710.0	14.0	2.55		114694
810.0	14.0	2.55		114695
1050.0	14.0	2.55		114696

* EN For use in Terminus-cutterheads only
* DE Nur zur Verwendung in Terminus-Messerköpfen
* FR Utilisation limitée aux porte outils de Terminus
* IT Da usare solo su teste portacoltelli della Terminus
* ES Sólo para empleo con portacuchillas de Terminus

EN System Planer knives
DE Systemhobelmesser
FR Couteaux à raboter pour système
IT Coltelli da pialla per sistema
ES Cuchillas para cepillar para sistema



L mm	W mm	T mm	T10MG	T12SMG polished	HSS 6 % (M2)	HSS 18%W (T1)
50.0	12.0	2.7	100876	161477	100896	114762
80.0	12.0	2.7	100879	161478	100897	114763
100.0	12.0	2.7	100880	161479	100898	114764
120.0	12.0	2.7	100881	161480	100899	114765
130.0	12.0	2.7	055520	161481	055488	114766
136.0	12.0	2.7	100883	161482	100900	114767
150.0	12.0	2.7	100884	161483	100901	114768
170.0	12.0	2.7	100885	161484	100902	114769
180.0	12.0	2.7	055521	161485	055489	114770
190.0	12.0	2.7	100886	161486	100904	114771
210.0	12.0	2.7	100887	161487	100905	114772
230.0	12.0	2.7	055522	161489	055490	114773
240.0	12.0	2.7	100890	161490	100906	114774
260.0	12.0	2.7	111091	161491	110036	116026
310.0	12.0	2.7	101675	161492	103165	114775
400.0	12.0	2.7	100891	161493	100907	114776
410.0	12.0	2.7	055523	161494	055491	114777
420.0	12.0	2.7	100892	161495	100908	114778
430.0	12.0	2.7	100893	161496	100909	114779
500.0	12.0	2.7	100894	161497	100910	114780
510.0	12.0	2.7	055524	161498	055492	114781
520.0	12.0	2.7	055525	161499	055493	114782
530.0	12.0	2.7	055526	161500	055494	114783
630.0	12.0	2.7	107553	161502	103814	114785
640.0	12.0	2.7	107554	161503	107474	114786
650.0	12.0	2.7	055527	161504	055495	114787
710.0	12.0	2.7			101046	114788
810.0	12.0	2.7			108226	114789
1050.0	12.0	2.7			114760	114790
Coil 120 meters					112205	
Packing paper coil (60 meters for paired packing)					112877	

* EN For use in Centrofix/Centrostar/Quickfix-cutterheads only
* DE Nur zur Verwendung in Centrofix/Centrostar/Quickfix-Messerköpfen
* FR Utilisation limitée aux porte outils de Centrofix/Centrostar/Quickfix
* IT Da usare solo su teste portacoltelli della Centrofix/Centrostar/Quickfix
* ES Sólo para empleo con portacuchillas de Centrofix/Centrostar/Quickfix

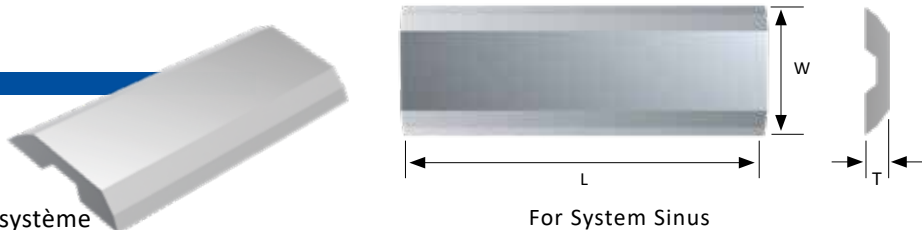
EN System Planer knives
DE Systemhobelmesser
FR Couteaux à raboter pour système
IT Coltelli da pialla per sistema
ES Cuchillas para cepillar para sistema



L mm	W mm	T mm	T10MG	T12SMG polished	HSS 18%W (T1)
80	16.0	3.7	116766	159910	116739
100	16.0	3.7	116767	159911	116740
120	16.0	3.7	116768	159912	116741
130	16.0	3.7	109662	159913	116319
136	16.0	3.7	116769	159914	116742
150	16.0	3.7	116770	159915	116743
170	16.0	3.7	108654	159916	116744
180	16.0	3.7	116771	159917	116745
190	16.0	3.7	116772	159918	116746
210	16.0	3.7	107585	159919	116747
230	16.0	3.7	116773	159920	116320
240	16.0	3.7	116774	159921	116321
400	16.0	3.7	116775	159922	116748
410	16.0	3.7	107586	159923	116322
500	16.0	3.7	116778	159926	116751
510	16.0	3.7	116779	159927	116752
520	16.0	3.7	116780	159928	116753
530	16.0	3.7	116781	159929	116754
540	16.0	3.7	116782	159930	116755
600	16.0	3.7	116783	159931	116756
630	16.0	3.7	116785	159933	116758
640	16.0	3.7	116786	159934	116759
1050	16.0	3.7			115845

* EN For use in Variplan-cutterheads only
* DE Nur zur Verwendung in Variplan-Messerköpfen
* FR Utilisation limitée aux porte outils de Variplan
* IT Da usare solo su teste portacoltelli della Variplan
* ES Sólo para empleo con portacuchillas de Variplan

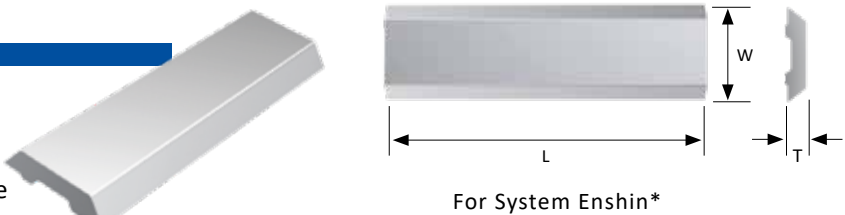
EN System Planer knives
DE Systemhobelmesser
FR Couteaux à raboter pour système
IT Coltelli da pialla per sistema
ES Cuchillas para cepillar para sistema



L mm	W mm	T mm	T10MG	T12SMG polished	HSS 18%W (T1)
80	16.0	2.5	116711	159874	130320
100	16.0	2.5	116712	159880	130321
120	16.0	2.5	116713	159881	130322
130	16.0	2.5	116714	159882	130323
150	16.0	2.5	116716	159884	130325
160	16.0	2.5	116717	159885	130326
180	16.0	2.5	116718	159886	130327
190	16.0	2.5	116719	159887	130328
200	16.0	2.5	116720	159888	130329
210	16.0	2.5	116721	159889	130330
230	16.0	2.5	116723	159891	128353
240	16.0	2.5	116724	159893	128354
250	16.0	2.5	116725	159894	130331
260	16.0	2.5	116726	159895	130332
300	16.0	2.5	116727	159896	130333
310	16.0	2.5	116728	159897	130334
400	16.0	2.5	116729	159898	130335
410	16.0	2.5	116730	159899	130336
500	16.0	2.5	116732	159901	130338
510	16.0	2.5	116733	159902	130339
610	16.0	2.5	116734	159903	130292
630	16.0	2.5	116735	159904	130340
640	16.0	2.5	116736	159905	130341
1050	16.0	2.5			130343
1350	16.0	2.5			115486

* EN For use in Sinus-cutterheads only
* DE Nur zur Verwendung in Sinus-Messerköpfen
* FR Utilisation limitée aux porte outils de Sinus
* IT Da usare solo su teste portacoltelli della Sinus
* ES Sólo para empleo con portacuchillas de Sinus

EN System Planer knives
DE Systemhobelmesser
FR Couteaux à raboter pour système
IT Coltelli da pialla per sistema
ES Cuchillas para cepillar para sistema

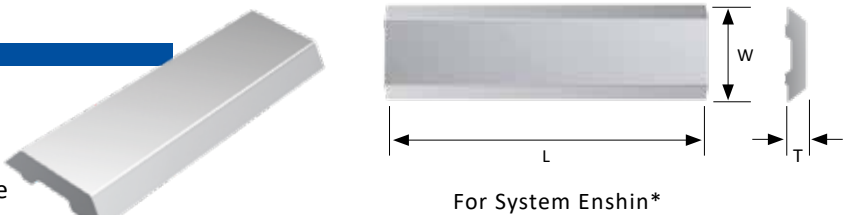


	L	W	T	T10MG	T12SMG
	mm	mm	mm		polished
	80	12.7	2.6	116794	159853
	100	12.7	2.6	116796	159854
	130	12.7	2.6	116797	159855
	150	12.7	2.6	116798	159856
	170	12.7	2.6	116799	159857
	180	12.7	2.6	116800	159858
	190	12.7	2.6	116801	159859
	210	12.7	2.6	116802	159860
	230	12.7	2.6	116803	159861
	240	12.7	2.6	116804	159862
	640	12.7	2.6	116805	159863

	L	W	T	HSS
	mm	mm	mm	6% (M2)
	80	12.0	2.7	116787
	100	12.0	2.7	116788
	130	12.0	2.7	116316
	150	12.0	2.7	116789
	170	12.0	2.7	116790
	180	12.0	2.7	116317
	190	12.0	2.7	116791
	210	12.0	2.7	116792
	230	12.0	2.7	116318
	240	12.0	2.7	116793
	1050	12.0	2.7	115846

* EN For use in Enshin-cutterheads only
* DE Nur zur Verwendung in Enshin-Messerköpfen
* FR Utilisation limitée aux porte outils de Enshin
* IT Da usare solo su teste portacoltelli della Enshin
* ES Sólo para empleo con portacuchillas de Enshin

EN System Planer knives
DE Systemhobelmesser
FR Couteaux à raboter pour système
IT Coltelli da pialla per sistema
ES Cuchillas para cepillar para sistema

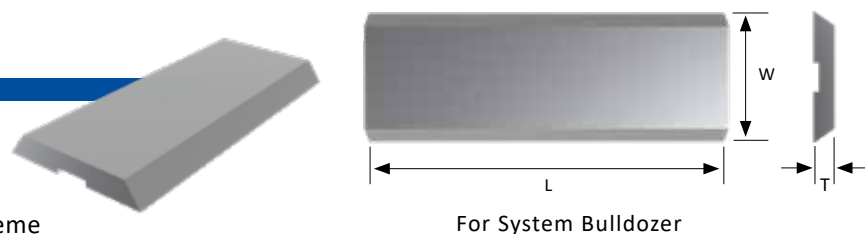


	L	W	T	T12SMG
	mm	mm	mm	polished
	100	8	2	161505
	130	8	2	161506
	160	8	2	161507
	180	8	2	161508
	230	8	2	161509
	250	8	2	161510
	260	8	2	161511
	300	8	2	161512
	400	8	2	161513
	450	8	2	161514
	500	8	2	161515
	510	8	2	161516
	650	8	2	161517

	L	W	T	T12SMG
	mm	mm	mm	polished
	100	8	2	161518
	130	8	2	161519
	160	8	2	161520
	180	8	2	161521
	230	8	2	161522
	250	8	2	161523
	260	8	2	161524
	300	8	2	161526
	400	8	2	161527
	450	8	2	161528
	500	8	2	161529
	510	8	2	161530
	650	8	2	161531

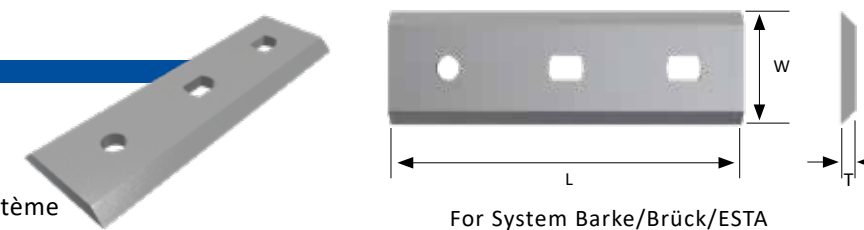
* EN For use in Enshin-cutterheads only
* DE Nur zur Verwendung in Enshin-Messerköpfen
* FR Utilisation limitée aux porte outils de Enshin
* IT Da usare solo su teste portacoltelli della Enshin
* ES Sólo para empleo con portacuchillas de Enshin

EN System Planer knives
DE Systemhobelmesser
FR Couteaux à raboter pour système
IT Coltelli da pialla per sistema
ES Cuchillas para cepillar para sistema



L mm	W mm	T mm	T10MG	T12SMG polished
60.0	13.6	1.8	047422	161533
70.0	13.6	1.8	013728	161534
80.0	13.6	1.8	046288	161535
100.0	13.6	1.8	013713	161536
110.0	13.6	1.8	047423	161537
120.0	13.6	1.8	013715	161538
130.0	13.6	1.8	013716	161539
140.0	13.6	1.8	013723	161540
150.0	13.6	1.8	013718	161541
160.0	13.6	1.8	013726	161542
180.0	13.6	1.8	013719	161543
190.0	13.6	1.8	013725	161544
200.0	13.6	1.8	013720	161545
220.0	13.6	1.8	049247	161546
230.0	13.6	1.8	013721	161547
240.0	13.6	1.8	040337	161548
245.0	13.6	1.8	038423	161552
250.0	13.6	1.8	013722	161549
260.0	13.6	1.8	035440	161550

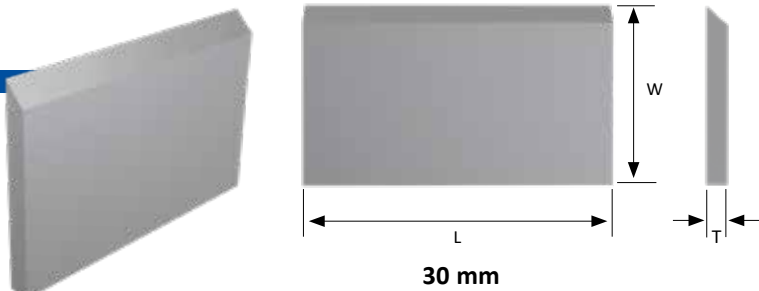
EN System Planer knives
DE Systemhobelmesser
FR Couteaux à raboter pour système
IT Coltelli da pialla per sistema
ES Cuchillas para cepillar para sistema



L mm	W mm	T mm	H.P.S.	HSS M42	Suitable for ...	L mm	W mm	T mm	Backing plate
110.0	19.0	1.0	101798	142053	Mafell	110.0	25.0	2.0	142369
115.0	18.6	1.0	142069	142104					
120.0	19.0	1.0	051731	142106		120.0	25.0	2.0	142370
130.0	19.0	1.0	049685	142107		130.0	25.0	2.0	142371
150.0	19.0	1.0	131397	142108		150.0	25.0	2.0	142372
161.0	19.0	1.0	142074	142109	e.g. Mafell Mafell				
170.0	18.6	1.0	142362	142363					
180.0	19.0	1.0	109998	142111		180.0	25.0	2.0	142374
186.0	19.0	1.0	142070	142112		186.0	25.0	2.0	142375
190.0	19.0	1.0	051730	142113		190.0	25.0	2.0	142376
200.0	19.0	1.0	130305	142115	HolzHer / ProTool / Festool	200.0	25.0	2.0	142377
205.0	19.0	1.0	142075	142116					
230.0	19.0	1.0	050210	142127		230.0	25.0	2.0	142378
245.0	19.0	1.0	142072	142128	HolzHer / ProTool / Festool				
250.0	19.0	1.0	142073	142129		250.0	25.0	2.0	142379
260.0	17.2	1.0	142365	-	Scheppach <u>Not</u> for Felder Mafell HolzHer / ProTool / Makita <u>Not</u> for Felder/Hammer	260.0	16.6	2.0	142380
260.0	19.0	1.0	127955	142133		260.0	25.0	2.0	142381
280.0	18.6	1.0	142099	142153					
300.0	19.0	1.0	142100	142154					
310.0	19.0	1.0	130306	142155		310.0	25.0	2.0	142383
320.0	17.2	1.0	142366	-	Scheppach Mafell HolzHer / ProTool	320.0	16.6	2.0	142384
320.0	18.6	1.0	142367	142368					
320.0	19.0	1.0	101799	142156		320.0	25.0	2.0	142385
350.0	19.0	1.0	134298	142157					
400.0	19.0	1.0	133960	142158		400.0	25.0	2.0	142386
410.0	19.0	1.0	113338	142159	<u>Not</u> for Felder/Hammer <u>Not</u> for Felder	410.0	25.0	2.0	142387
500.0	19.0	1.0	110742	142160		500.0	25.0	2.0	142388
510.0	19.0	1.0	109381	142161		510.0	25.0	2.0	142389
520.0	19.0	1.0	142101	142162		520.0	25.0	2.0	142390
530.0	19.0	1.0	133883	142163		530.0	25.0	2.0	142391
610.0	19.0	1.0	142102	142164		610.0	25.0	2.0	142392
630.0	19.0	1.0	108937	142165		630.0	25.0	2.0	142393
640.0	19.0	1.0	132415	142166		640.0	25.0	2.0	142394

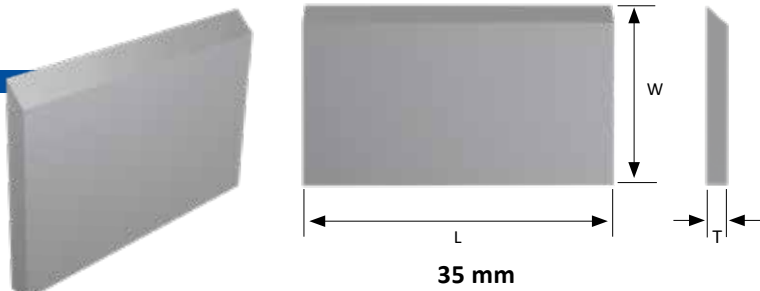
EN The backing plates are also available in W = 18 mm.
DE Stützplatten sind auch in W = 18 mm lieferbar.
FR Les porte-plaquettes sont également disponibles en W = 18 mm.
IT Le piastre di supporto sono anche disponibili in W = 18 mm.
ES Las placas de soporte también están disponibles en W = 18 mm.

EN HSS/Matrix planer knives
DE HSS/Matrix Hobelmesser
FR Fers de raboteuse HSS/Matrix
IT Coltelli da pialla HSS/Matrix
ES Cuchillas en HSS/Matrix



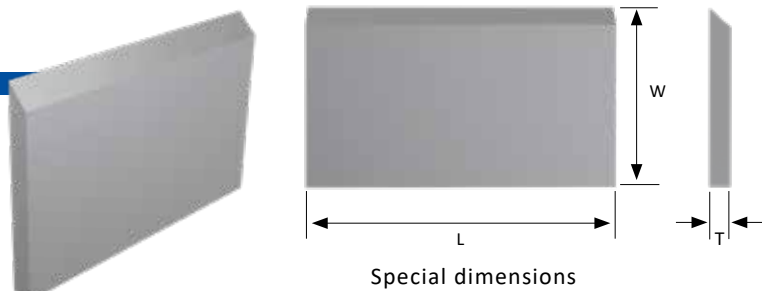
L mm	W mm	T mm	HSS 6 % (M2)	HSS 18%W (T1)	Matrix coating technology
60	30.0	3.0	030152	111908	120140
80	30.0	3.0	030153	111913	120141
100	30.0	3.0	030154	111914	120142
120	30.0	3.0	030157	111916	120144
130	30.0	3.0	030159	111917	120145
150	30.0	3.0	030162	111918	120146
160	30.0	3.0	030163	111919	120147
170	30.0	3.0	030164	111920	120148
180	30.0	3.0	030165	111921	120149
210	30.0	3.0	030168	111922	120150
230	30.0	3.0	030171	111923	120151
240	30.0	3.0	030172	111924	120153
260	30.0	3.0	030174	111925	120154
300	30.0	3.0	030175	111926	120155
310	30.0	3.0	030176	111927	120156
350	30.0	3.0	030178	111928	120157
400	30.0	3.0	030182	111929	120158
410	30.0	3.0	030183	111930	120159
500	30.0	3.0	030186	111931	120160
510	30.0	3.0	030187	111932	120161
520	30.0	3.0	101376	111933	120162
530	30.0	3.0	030188	111934	120163
600	30.0	3.0	030190	111935	120164
610	30.0	3.0	030191	111936	120165
630	30.0	3.0	030192	111937	120166
640	30.0	3.0	030194	111938	120167
710	30.0	3.0	030198	111939	120168
810	30.0	3.0	030201	111940	120169
820	30.0	3.0	101051	111941	120170
1050	30.0	3.0	030249	111942	120171

EN HSS/Matrix planer knives
DE HSS/Matrix Hobelmesser
FR Fers de raboteuse HSS/Matrix
IT Coltelli da pialla HSS/Matrix
ES Cuchillas en HSS/Matrix



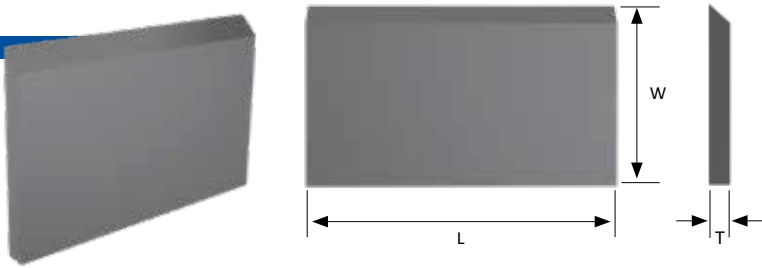
L mm	W mm	T mm	HSS 6 % (M2)	HSS 18%W (T1)	Matrix coating technology
60	35.0	3.0		111944	120173
80	35.0	3.0		111945	120174
100	35.0	3.0		111946	120175
110	35.0	3.0		111947	120176
120	35.0	3.0		111948	120178
130	35.0	3.0	030210	111949	120179
150	35.0	3.0	030211	111950	120180
160	35.0	3.0	030212	111951	120181
170	35.0	3.0	030213	111952	120182
180	35.0	3.0	030214	111953	120183
210	35.0	3.0	030217	111954	120185
230	35.0	3.0	030218	111955	120186
240	35.0	3.0	107570	111956	120188
260	35.0	3.0	030220	111957	120189
300	35.0	3.0	048006	111958	120190
310	35.0	3.0	030222	111959	120191
350	35.0	3.0	107571	111960	120192
400	35.0	3.0	030225	111961	120193
410	35.0	3.0	030226	111962	120194
500	35.0	3.0	030230	111963	120195
510	35.0	3.0	030231	111964	120196
520	35.0	3.0	030232	111965	120197
530	35.0	3.0	030233	111966	120198
600	35.0	3.0	030234	111967	120199
610	35.0	3.0	030235	111968	120200
630	35.0	3.0	030236	111969	120201
640	35.0	3.0	030237	111970	
710	35.0	3.0	030240	111971	
810	35.0	3.0	030243	111972	
820	35.0	3.0	101052	111973	
1050	35.0	3.0	030252	111974	120208

EN HSS planer knives
DE HSS Hobelmesser
FR Fers de raboteuse HSS
IT Coltelli da pialla HSS
ES Cuchillas en HSS



L mm	W mm	T mm	HSS 6 % (M2)	HSS 18%W (T1)
1050	20.0	2.5	106992	122065
1050	25.0	2.5	106994	116185
1050	20.0	3.0	101943	122007
1050	25.0	3.0	101030	111975
1050	32.0	3.0	101938	

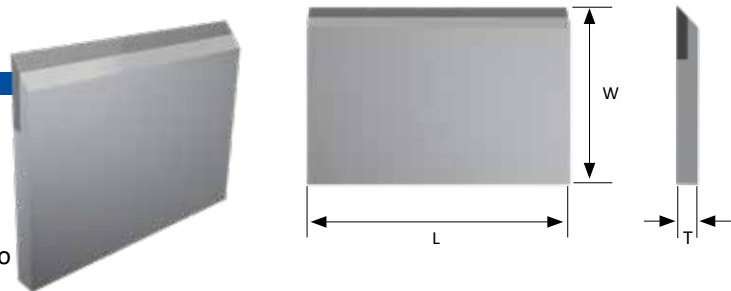
EN Solid carbide planer knives
DE Vollhartmetall Hobelmesser
FR Couteaux à raboter au carbure massif
IT Coltelli da pialla in HM integrale
ES Cuchillas metal duro integral



L mm	W mm	T mm	10MG
60.0	30.0	3.0	050050
80.0	30.0	3.0	050051
100.0	30.0	3.0	042029
110.0	30.0	3.0	050053
120.0	30.0	3.0	050055
130.0	30.0	3.0	044900
150.0	30.0	3.0	042030
180.0	30.0	3.0	050057
210.0	30.0	3.0	050059
230.0	30.0	3.0	049223
240.0	30.0	3.0	106296
260.0	30.0	3.0	049222
310.0	30.0	3.0	050061

EN Only for use in special clamping systems for carbide knives, not in conventional planing heads!
DE Nur in Spezialklemmsystemen für Vollhartmetallhobelmesser einsetzen, nicht in herkömmlichen Hobelköpfen!
FR Seulement pour utilisation dans des systèmes de serrage spéciaux pour les couteaux en carbure, pas dans les têtes de rabotage conventionnelles!
IT Solo per l'impiego in sistemi di serraggio speciali per coltelli in metallo duro, non nella testa di piallatura convenzionali!
ES Sólo para uso en sistemas especiales de sujeción para cuchillas de carburo, no en cabezas de cepillado convencionales.

EN T.C.T. planer knives
DE HM-bestückte Hobelmesser
FR Couteaux à mise rapportée carbure
IT Coltelli da pialla con metallo duro riportato
ES Cuchillas con metal duro



L mm	T mm	W = 25 mm	W = 30 mm	W = 35 mm
60.0	3.0	114850	029969	030021
80.0	3.0	114851	029970	030022
100.0	3.0	113770	029972	030024
110.0	3.0	114852	029973	030025
120.0	3.0	111723	029974	030026
130.0	3.0	103946	029975	030027
150.0	3.0	105829	029979	030029
160.0	3.0	029943	029980	030030
170.0	3.0	114853	029981	030031
180.0	3.0	105830	029982	030032
200.0	3.0	110737	029986	030034
210.0	3.0	108651	029987	030035
230.0	3.0	112774	029989	030036
240.0	3.0	114854	029991	030038
250.0	3.0	029952	029993	030039
260.0	3.0	104917	029994	030040
270.0	3.0	107022	101697	107555
300.0	3.0	112585	029996	030041
310.0	3.0	029955	029997	030042
330.0	3.0	114855	002238	055837
350.0	3.0	114856	029998	030044
400.0	3.0	029957	029999	107556
410.0	3.0	104919	030001	030047
500.0	3.0	029960	030006	030049
510.0	3.0	104920	030007	030050
520.0	3.0	109690	030009	103998
530.0	3.0		051130	030051
600.0	3.0		030011	030052
610.0	3.0		030012	030054
630.0	3.0		030013	030055
640.0	3.0		030014	030057
680.0	3.0		114849	106194
710.0	3.0		030016	030058
810.0	3.0		030018	030059
820.0	3.0		100445	100446
1010.0	3.0		030131	030137
1050.0	3.0	104830	030132	030138