









- EN Saw tips and strobe blanks
- DE Sägezähne und Wischerblätter
- FR Dents de scie et racleurs
- IT Dentelli per lame e barrette per rasanti
- ES Dientes de sierra y rasuradores

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EN For saw tips in metalworking grades please refer to our catalog "Metal and composite material working".
 DE Für Sägezähne in Metallbearbeitungsarten beachten Sie bitte unseren Katalog "Metall- und Verbundwerkstoffbearbeitung".
 FR Pour les dents de scie en nuances d'usinage de métaux s.v.p. consultez notre catalogue "Usinage de métaux et de matériaux composites".
 IT Per i dentelli per lame per la meccanica, consultare il nostro catalogo "Lavorazione di metalli e materiali compositi".
 ES Para dientes de sierra en las calidades de metal, consulte nuestro catalogo "Trabajo de metal y de materiales compuestos".

- EN Carbide saw tips - Carbide grades and their applications
 DE Hartmetallsägezähne - Hartmetallsorten und ihre Anwendungen
 FR Dents de scie - Les nuances de carbures et leurs applications
 IT Dentelli per lame - I tipi di metallo duro e le loro applicazioni
 ES Dientes de sierra - Calidades de metal duro y sus aplicaciones

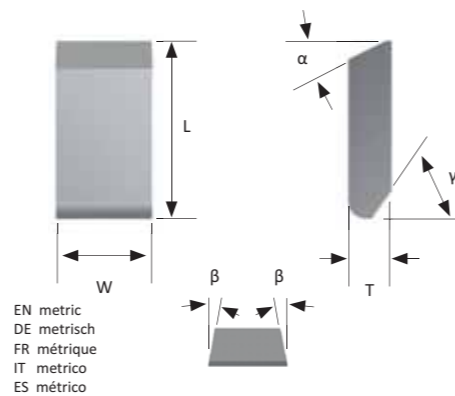
EN	TIGRA grade	ISO	USA	Hardness	Toughness	Bending strength	Aluminum	HDF	MDF	Chipboard	Hardwood	Softwood	Main usage
DE	TIGRA - Sorte	ISO	USA	Härte	Zähigkeit	Biegebruchfestigkeit	Aluminium	HDF	MDF	Spanplatte	Hartholz	Weichholz	Hauptverwendung
FR	Nuance TIGRA	ISO	USA	Dureté	Ténacité	Résistance à la flexion	Aluminium	HDF	MDF	Panneaux de particule	Bois dur	Bois tendre	Usage principal
IT	Tipo TIGRA	ISO	Stati uniti	Durezza	Tenacità	Resistenza flessionale	Alluminio	HDF	MDF	Truciolare	Legno duro	Legno tenero	Uso principale
ES	Calidad TIGRA	ISO	EE.UU.	Dureza	Tenacidad	Resistencia a la flexión	Aluminio	HDF	MDF	Panel de aglomerado	Madera dura	Madera blanda	Uso principal
	T03MG-CR	K01	C4++	↑	↓	↗	○	✓	✓	✓	☒	☒	EN MDF, HDF DE MDF, HDF FR MDF, HDF IT MDF, HDF ES MDF, HDF
	T03F-CR	K01	C4+	↗	↘	↗	✓	○	✓	✓	○	☒	EN MDF, chipboard, aluminum DE MDF, Spanplatte, Aluminium FR MDF, panneaux, aluminium IT MDF, truciolare, alluminio ES MDF, aglomerado, aluminio
	T06F-CR UNIVERSAL	K10	C3	↗	↗	↗	✓	○	○	✓	✓	✓	EN Universal use DE Universeller Einsatz FR Utilisation universelle IT Uso universale ES Uso universal
	T07MF-CR	K20 - K30	C2 - C3	↗	↗	↗	✓	○	○	✓	✓	✓	EN Universal use (USA) DE Universeller Einsatz (USA) FR Utilisation universelle (ÉTATS-UNIS) IT Uso universale (USA) ES Uso universal (EE.UU.)
	T07MF-W	K20 - K30	C2 - C3	↗	↗	↗	○	☒	☒	○	✓	✓	EN Inexpensive saw blades, wood DE Preiswerte Sägeblätter, Holz FR Lames de scie peu coûteuses, bois IT Lame a basso costo, legno ES Hojas de sierra de bajo costo, madera
	T10MG	K10 - K40	C3+	↗	↗	↑	○	☒	☒	☒	✓	✓	EN Softwood and hardwood DE Weich- und Hartholz FR Bois tendre et dur IT Legni teneri e duri ES Madera blanda y dura
	T12M-CR	K10 - K40	C3+	↗	↗	↑	○	☒	☒	☒	✓	✓	EN Saw mills, frozen wood DE Sägewerke, gefrorenes Holz FR Scieries, bois congelé IT Segherie, legno congelato ES Fresa-disco, madera congelada
	T15C	> K40	Nail Cut	↓	↑	↑	☒	☒	☒	☒	○	✓	EN Nail cutting, recycling DE Holz mit Nägeln, Recycling FR Couper ongles, recyclage IT Legno con chiodi, riciclato ES Viruta de madera reciclada

CR = Co + Ni + Cr = corrosion resistant - korrosionsbeständig - anti-corrosif - inossidabile - anticorrosivo

EN For technical data, please refer to the pages 4-5.
 DE Die technischen Daten entnehmen Sie bitte den Seiten 4-5.
 FR Pour les données techniques, veuillez voir aux pages 4-5.

IT Per i dati tecnici, fare riferimento alle pagine 4-5.
 ES Para los datos técnicos, consulte las páginas 4-5.

✓ best performance
 ○ very good performance
 ○ acceptable
 ☒ not suitable



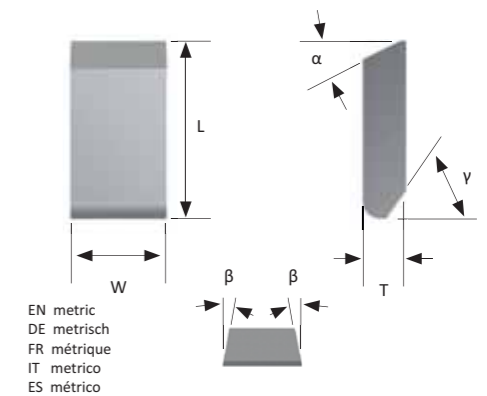
EN metric
DE metrisch
FR métrique
IT metrico
ES métrico

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L mm	W mm	T mm	α	β	γ	T03MG-CR	T03F-CR	T06F-CR
6.5	2.5	2.0	27	5	56		111682	111687
6.5	3.0	2.0	27	5	56		111683	111688
6.5	3.2	2.0	27	5	56	116373		118303
6.5	3.5	2.0	27	5	56		111684	111689
6.5	3.8	2.0	27	5	56		111685	111690
6.5	4.0	2.0	27	5	56			120254
6.5	4.5	2.0	27	5	56			120255

L mm	W mm	T mm	α	β	γ	T03MG-CR	T03F-CR	T06F-CR	T07MF-W
8.0	2.5	2.3	27	5	70		121627	121535	152660
8.0	2.8	2.3	27	5	70		111632	111649	
8.0	2.9	2.3	27	5	70		111633	111650	
8.0	3.0	2.3	27	5	70		111634	111651	
8.0	3.1	2.3	27	5	70		115551	115550	152661
8.0	3.3	2.3	27	5	70		111635	111652	
8.0	3.4	2.3	27	5	70	121831	121832	116207	
8.0	3.5	2.3	27	5	70	114016	111636	111653	152662
8.0	3.6	2.3	27	5	70	114017	111637	111654	
8.0	3.7	2.3	27	5	70				
8.0	3.8	2.3	27	5	70	114018	111638	111655	152663
8.0	4.0	2.3	27	5	70	114019	111639	111656	146493
8.0	4.1	2.3	27	5	70			124214	
8.0	4.3	2.3	27	5	70	114020	111640	111657	152665
8.0	4.4	2.3	27	5	70	114021	111641	111658	
8.0	4.5	2.3	27	5	70		111642	111659	146494
8.0	4.8	2.3	27	5	70		111643	111660	
8.0	5.0	2.3	27	5	70		111644	111661	
8.0	5.2	2.3	27	5	70		111645	111662	
8.0	5.5	2.3	27	5	70		111646	111663	
8.0	6.0	2.3	27	5	70				139403

L mm	W mm	T mm	α	β	γ	T03MG-CR	T03F-CR
8.0	4.3	3.0	30	5	60	142730	142743
8.0	4.8	3.0	30	5	60	142732	142741
8.0	5.0	3.0	30	5	60	142733	142738
8.0	6.0	3.0	30	5	60	156677	133718
8.0	6.5	3.0	30	5	60	142735	133719



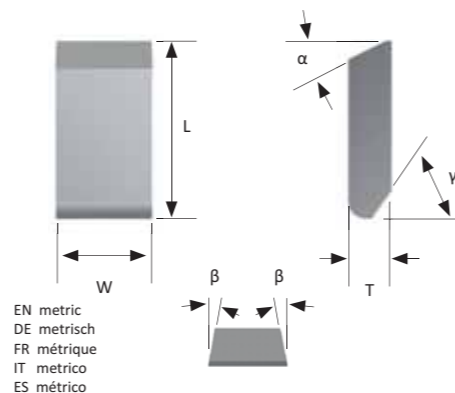
EN metric
DE metrisch
FR métrique
IT metrico
ES métrico

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L mm	W mm	T mm	α	β	γ	T03MG-CR	T06F-CR	T07MF-W
8.5	2.2	2.5	27	5	70		130208	
8.5	2.5	2.5	27	5	70	114027	111621	
8.5	3.0	2.5	27	5	70	114028	111622	
8.5	3.3	2.5	27	5	70	114029	111623	
8.5	3.4	2.5	27	5	70	124609	128510	
8.5	3.5	2.5	27	5	70	120964	120961	
8.5	3.6	2.5	27	5	70	114030	111624	152666
8.5	3.8	2.5	27	5	70	114032	111626	152667
8.5	4.0	2.5	27	5	70	114033	111627	
8.5	4.2	2.5	27	5	70	128976	119323	152668
8.5	4.3	2.5	27	5	70	124204	124694	
8.5	4.5	2.5	27	5	70	114034	111628	152669
8.5	4.6	2.5	27	5	70		119324	
8.5	5.0	2.5	27	5	70	114035	111629	
8.5	5.5	2.5	27	5	70	120972	120403	

L mm	W mm	T mm	α	β	γ	T03MG-CR	T03F-CR	T06F-CR
8.5	3.0	3.2	30	3.5	45	166814		163371
8.5	3.8	3.2	30	3.5	45		163833	
8.5	4.1	3.2	30	3.5	45		163835	
8.5	4.5	3.2	30	3.5	45	159821		
8.5	5.0	3.2	30	3.5	45		163836	166329
8.5	5.6	3.2	30	3.5	45		163837	
8.5	6.2	3.2	30	3.5	45	159819		

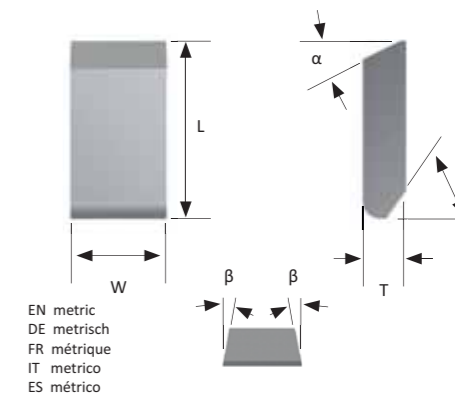
L mm	W mm	T mm	α	β	γ	T03MG-CR	T06F-CR
9.0	3.5	2.7	27	5	70		111613
9.0	3.8	2.7	27	5	70		111615
9.0	4.2	2.7	27	5	70		111618
9.0	4.3	2.7	27	5	70		111619
9.0	4.7	2.7	27	5	70		111620
9.0	5.2	2.7	27	5	70		129638
9.0	5.3	2.7	27	5	70	129939	
9.0	5.5	2.7	27	5	70		126860
9.0	6.0	2.7	27	5	70		140846



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L mm	W mm	T mm	α	β	γ	T06F-CR	T07MF-W
10.5	3.0	2.5	27	5	70	111578	
10.5	3.3	2.5	27	5	70	112437	
10.5	3.5	2.5	27	5	70	111580	145071
10.5	3.6	2.5	27	5	70	111581	
10.5	3.8	2.5	27	5	70	111583	152670
10.5	4.0	2.5	27	5	70	111584	148043
10.5	4.1	2.5	27	5	70	134345	
10.5	4.3	2.5	27	5	70	111585	
10.5	4.5	2.5	27	5	70	111586	147520
10.5	5.0	2.5	27	5	70	111587	152671
10.5	5.5	2.5	27	5	70	111588	
10.5	6.5	2.5	27	5	70	111589	

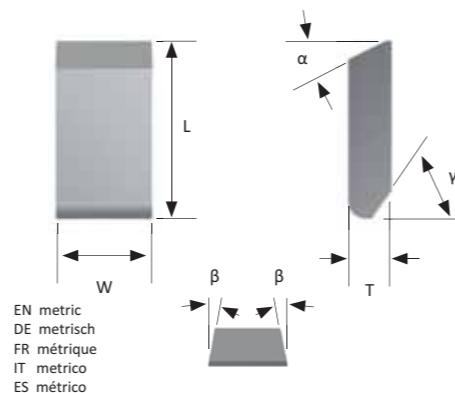
L mm	W mm	T mm	α	β	γ	T03MG-CR	T03F-CR	T06F-CR	T07MF-CR	T07MF-W
10.5	3.5	3.0	27	5	65	114060	111489	111508	111546	146486
10.5	3.6	3.0	27	5	65	114061	111490	111509	111547	
10.5	3.8	3.0	27	5	65	114062	111491	111510	111548	
10.5	3.9	3.0	27	5	65			121540		
10.5	4.1	3.0	27	5	65	114063	111492	111511	111549	152672
10.5	4.3	3.0	27	5	65	114064	111493	111512	111550	146487
10.5	4.5	3.0	27	5	65	114065	111494	111513	111551	152673
10.5	4.6	3.0	27	5	65	114066	111495	111514	111552	
10.5	4.8	3.0	27	5	65	114068	111497	111516	111554	
10.5	5.0	3.0	27	5	65	114069	111498	111517	111555	152674
10.5	5.3	3.0	27	5	65	114070	111499	111518	111556	
10.5	5.5	3.0	27	5	65	114071	111500	111519	111557	152675
10.5	6.0	3.0	27	5	65	114073	111502	111521	111559	
10.5	6.5	3.0	27	5	65	114074	111503	111522	111560	
10.5	7.0	3.0	27	5	65			111523		
10.5	8.5	3.0	27	5	65			111524		
10.5	10.5	3.0	27	5	65			111525		



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L mm	W mm	T mm	α	β	γ	T03MG-CR	T03F-CR	T06F-CR	T07MF-CR	T07MF-W
10.5	3.5	3.5	27	5	60			111449		145072
10.5	4.0	3.5	27	5	60			111450	112415	145991
10.5	4.1	3.5	27	5	60			111451		
10.5	4.3	3.5	27	5	60			111452		
10.5	4.4	3.5	27	5	60					
10.5	4.5	3.5	27	5	60		111433	111453	112418	145992
10.5	4.7	3.5	27	5	60		111434	111454	112419	
10.5	4.8	3.5	27	5	60	122004	111435	111455	112420	
10.5	5.0	3.5	27	5	60	126206	111436	111456	112421	145070
10.5	5.3	3.5	27	5	60	126913		111457		
10.5	5.5	3.5	27	5	60		111438	111458	112423	145069
10.5	5.8	3.5	27	5	60		111439	111459	112424	
10.5	6.0	3.5	27	5	60	122005	111440	111460	112425	145995
10.5	6.5	3.5	27	5	60		111441	111461	112426	144793
10.5	7.0	3.5	27	5	60			111462		
10.5	7.5	3.5	27	5	60			111463		146485
10.5	8.5	3.5	27	5	60				112430	
10.5	9.0	3.5	27	5	60				112431	
10.5	10.0	3.5	27	5	60				112432	
10.5	11.5	3.5	27	5	60				118891	

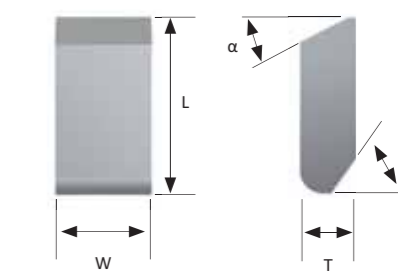
L mm	W mm	T mm	α	β	γ	T03MG-CR	T03F-CR	T07MF-CR	T12M-CR	T07MF-W
13.0	4.2	4.0	30	5	60				126246	
13.0	4.9	4.0	30	5	60			111419		
13.0	5.2	4.0	30	5	60				126247	152676
13.0	5.4	4.0	30	5	60	124194	111411	111420		
13.0	5.8	4.0	30	5	60		111412	111421	119611	
13.0	6.0	4.0	30	5	60	127248	111413	111422		152677
13.0	6.3	4.0	30	5	60	124100	111414	111423	126248	
13.0	6.5	4.0	30	5	60	120620	111415	111424		152678
13.0	6.7	4.0	30	5	60	123406	111416	111425		
13.0	7.0	4.0	30	5	60		111417	111426		152679
13.0	7.5	4.0	30	5	60		111418	111427		152680
13.0	8.5	4.0	30	5	60			104897		156302



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	14.5	5.0	4.0	30	0	70	111390
	14.5	9.0	4.0	30	0	70	111397
	14.5	10.0	4.0	30	0	70	111398
	14.5	11.0	4.0	30	0	70	111400
	14.5	12.0	4.0	30	0	70	111401
	14.5	13.0	4.0	30	0	70	111402
	14.5	14.0	4.0	30	0	70	111403
	14.5	16.0	4.0	30	0	70	111405

	L mm	W mm	T mm	α	β	γ	T03MG-CR	T03F-CR
	8.5	3.5	2.5	25	4	70	149281	
	8.5	3.7	2.6	25	7	70	151920	144429
	10.5	3.7	2.6	25	7	73	124256	124257
	10.5	4.0	2.6	25	7	73		162832



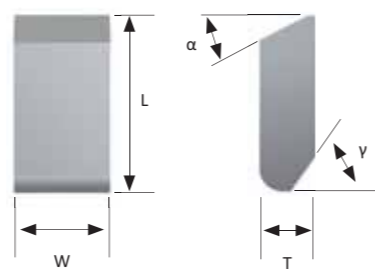
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CW Style
inch

CWB	L inch	mm	W inch	mm	T inch	mm	α	β	γ	T10MG
7100	0.281	7.1	0.100	2.5	0.078	2.0	30	0	60	113836
7120	0.281	7.1	0.120	3.0	0.078	2.0	30	0	60	113838
7135	0.281	7.1	0.135	3.4	0.078	2.0	30	0	60	113839
7150	0.281	7.1	0.150	3.8	0.078	2.0	30	0	60	113840
7165	0.281	7.1	0.165	4.2	0.078	2.0	30	0	60	113841
7180	0.281	7.1	0.180	4.6	0.078	2.0	30	0	60	113843
7195	0.281	7.1	0.195	5.0	0.078	2.0	30	0	60	113844
7200	0.281	7.1	0.200	5.1	0.078	2.0	30	0	60	113845

CWD	L inch	mm	W inch	mm	T inch	mm	α	β	γ	T03F-CR	T07MF-CR	T10MG
7100	0.312	7.9	0.100	2.5	0.093	2.4	30	0	60	111288	111311	112629
7110	0.312	7.9	0.110	2.8	0.093	2.4	30	0	60	111289	111312	112630
7120	0.312	7.9	0.120	3.0	0.093	2.4	30	0	60	111291	111314	112632
7125	0.312	7.9	0.125	3.2	0.093	2.4	30	0	60	111292	111315	112633
7135	0.312	7.9	0.135	3.4	0.093	2.4	30	0	60	111294	111317	112635
7140	0.312	7.9	0.140	3.6	0.093	2.4	30	0	60	111295	111318	112636
7150	0.312	7.9	0.150	3.8	0.093	2.4	30	0	60	111296	111319	112637
7165	0.312	7.9	0.165	4.2	0.093	2.4	30	0	60	111298	111321	112639
7170	0.312	7.9	0.170	4.3	0.093	2.4	30	0	60	111299	111322	112640
7180	0.312	7.9	0.180	4.6	0.093	2.4	30	0	60	111301	111324	112642
7185	0.312	7.9	0.185	4.7	0.093	2.4	30	0	60	111302	111325	112643
7200	0.312	7.9	0.200	5.1	0.093	2.4	30	0	60	111304	111327	112645
7215	0.312	7.9	0.215	5.5	0.093	2.4	30	0	60	111305	111328	112646
7220	0.312	7.9	0.220	5.6	0.093	2.4	30	0	60	111306	111329	112647
7230	0.312	7.9	0.230	5.8	0.093	2.4	30	0	60	111307	111330	112648
7250	0.312	7.9	0.250	6.4	0.093	2.4	30	0	60	111309	111332	112650
7280	0.312	7.9	0.280	7.1	0.093	2.4	30	0	60	112653	112654	112651
7312	0.312	7.9	0.312	7.9	0.093	2.4	30	0	60	111310	111333	112652

CWE	L inch	mm	W inch	mm	T inch	mm	α	β	γ	T10MG
7140	0.375	9.5	0.140	3.6	0.093	2.4	30	0	60	111369
7150	0.375	9.5	0.150	3.8	0.093	2.4	30	0	60	111370
7165	0.375	9.5	0.165	4.2	0.093	2.4	30	0	60	111371
7185	0.375	9.5	0.185	4.7	0.093	2.4	30	0	60	111372
7200	0.375	9.5	0.200	5.1	0.093	2.4	30	0	60	111373
7215	0.375	9.5	0.215	5.5	0.093	2.4	30	0	60	111374
7225	0.375	9.5	0.225	5.7	0.093	2.4	30	0	60	112659
7230	0.375	9.5	0.230	5.8	0.093	2.4	30	0	60	111375
7250	0.375	9.5	0.250	6.4	0.093	2.4	30	0	60	111376
7281	0.375	9.5	0.281	7.1	0.093	2.4	30	0	60	111377
7312	0.375	9.5	0.312	7.9	0.093	2.4	30	0	60	111378

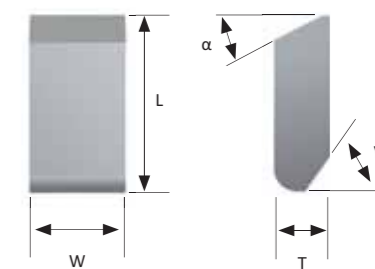


CW Style
inch

EN Carbide saw tips for circular saws
 DE Hartmetallsägezähne für Kreissägen
 FR Dents de scie pour scies circulaires
 IT Dentelli per lame circolari
 ES Dientes de sierra para sierras circulares

CWF	L		W		T		α	β	γ	T10MG	T12M-CR	T07MF-W
	inch	mm	inch	mm	inch	mm						
7130	0.500	12.7	0.130	3.3	0.125	3.2	35	0	70	111229	109395	152704
7140	0.500	12.7	0.140	3.6	0.125	3.2	35	0	70	111230	109397	152705
7150	0.500	12.7	0.150	3.8	0.125	3.2	35	0	70	111231	109399	152706
7160	0.500	12.7	0.160	4.1	0.125	3.2	35	0	70	111232	109400	152707
7165	0.500	12.7	0.165	4.2	0.125	3.2	35	0	70	111233	109401	152708
7170	0.500	12.7	0.170	4.3	0.125	3.2	35	0	70	111234	109402	152709
7180	0.500	12.7	0.180	4.6	0.125	3.2	35	0	70	111235	109403	152712
7190	0.500	12.7	0.190	4.8	0.125	3.2	35	0	70	111236	109405	152713
7200	0.500	12.7	0.200	5.1	0.125	3.2	35	0	70	111237	109406	152714
7210	0.500	12.7	0.210	5.3	0.125	3.2	35	0	70	111238	109407	152715
7215	0.500	12.7	0.215	5.5	0.125	3.2	35	0	70	111239	109408	152716
7220	0.500	12.7	0.220	5.6	0.125	3.2	35	0	70	111240	109409	152717
7230	0.500	12.7	0.230	5.8	0.125	3.2	35	0	70	111241	109410	152718
7240	0.500	12.7	0.240	6.1	0.125	3.2	35	0	70	111242	109412	152719
7250	0.500	12.7	0.250	6.4	0.125	3.2	35	0	70	111243	109413	152720
7260	0.500	12.7	0.260	6.6	0.125	3.2	35	0	70	111244	109414	152721
7270	0.500	12.7	0.270	6.9	0.125	3.2	35	0	70	111245	109416	152722
7275	0.500	12.7	0.275	7.0	0.125	3.2	35	0	70	111246	109417	152723
7280	0.500	12.7	0.280	7.1	0.125	3.2	35	0	70	111247	109418	152724
7290	0.500	12.7	0.290	7.4	0.125	3.2	35	0	70	111248	109419	152725
7310	0.500	12.7	0.310	7.9	0.125	3.2	35	0	70	111250	109421	152726
7312	0.500	12.7	0.312	7.9	0.125	3.2	35	0	70	111251	109422	152727
7330	0.500	12.7	0.330	8.4	0.125	3.2	35	0	70	111252	109424	152728

CWG	L		W		T		α	β	γ	T03F-CR	T10MG	T12M-CR	T15C	T07MF-W
	inch	mm	inch	mm	inch	mm								
7120	0.375	9.5	0.120	3.0	0.125	3.2	30	0	60	107350	111260	109438	107418	152758
7130	0.375	9.5	0.130	3.3	0.125	3.2	30	0	60	107352	111261	109440	107420	152759
7140	0.375	9.5	0.140	3.6	0.125	3.2	30	0	60	107354	111262	109442	107422	152760
7150	0.375	9.5	0.150	3.8	0.125	3.2	30	0	60	107355	111263	109443	107423	152761
7160	0.375	9.5	0.160	4.1	0.125	3.2	30	0	60	107356	111264	109444	107424	152762
7165	0.375	9.5	0.165	4.2	0.125	3.2	30	0	60	107357	111265	109445	107425	152763
7170	0.375	9.5	0.170	4.3	0.125	3.2	30	0	60	107358	111266	109446	107426	152764
7180	0.375	9.5	0.180	4.6	0.125	3.2	30	0	60	107359	111268	109447	107427	152765
7185	0.375	9.5	0.185	4.7	0.125	3.2	30	0	60	107360	111269	109448	107428	152766
7190	0.375	9.5	0.190	4.8	0.125	3.2	30	0	60	107361	111270	109449	107429	152767
7200	0.375	9.5	0.200	5.1	0.125	3.2	30	0	60	107363	111271	109451	107431	152768
7215	0.375	9.5	0.215	5.5	0.125	3.2	30	0	60	107365	111273	109453	107433	152769
7220	0.375	9.5	0.220	5.6	0.125	3.2	30	0	60	107366	111274	109454	107434	152770
7225	0.375	9.5	0.225	5.7	0.125	3.2	30	0	60	142758	142782	140490		152771
7230	0.375	9.5	0.230	5.8	0.125	3.2	30	0	60	107368	111275	109456	107436	152772



CW Style
inch

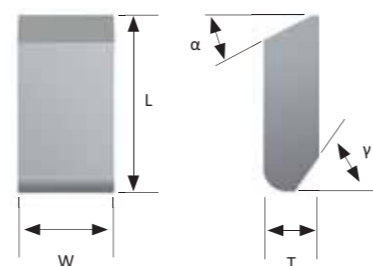
EN Carbide saw tips for circular saws
 DE Hartmetallsägezähne für Kreissägen
 FR Dents de scie pour scies circulaires
 IT Dentelli per lame circolari
 ES Dientes de sierra para sierras circulares

CWG	L		W		T		α	β	γ	T03F-CR	T10MG	T12M-CR	T15C	T07MF-W
	inch	mm	inch	mm	inch	mm								
7240	0.375	9.5	0.240	6.1	0.125	3.2	30	0	60	107369	111276	109457	107437	152773
7245	0.375	9.5	0.245	6.2	0.125	3.2	30	0	60	142784	142785	140489		152774
7250	0.375	9.5	0.250	6.4	0.125	3.2	30	0	60	107370	111277	109458	107438	152775
7260	0.375	9.5	0.260	6.6	0.125	3.2	30	0	60	107371	111278	109459	107439	152776
7270	0.375	9.5	0.270	6.9	0.125	3.2	30	0	60	107373	111279	109461	107441	152777
7280	0.375	9.5	0.280	7.1	0.125	3.2	30	0	60	107375	111281	109463	107443	152778
7300	0.375	9.5	0.300	7.6	0.125	3.2	30	0	60	107376	111282	109464	107444	152779
7312	0.375	9.5	0.312	7.9	0.125	3.2	30	0	60	107377	111284	109465	107445	152780
7335	0.375	9.5	0.335	8.5	0.125	3.2	30	0	60	142788	140925	142787		152781
7350	0.375	9.5	0.350	8.9	0.125	3.2	30	0	60	107380	111285	109468	111218	152782
7400	0.375	9.5	0.400	10.2	0.125	3.2	30	0	60	107379	111286	109467	107447	152783
7500	0.375	9.5	0.500	12.7	0.125	3.2	30	0	60	107381	111287	109469	107449	152784

CWH	L		W		T		α	β	γ	T07MF-CR				
	inch	mm	inch	mm	inch	mm								
7135	0.344	8.7	0.135	3.4	0.125	3.2	30	0	60					114411
7150	0.344	8.7	0.150	3.8	0.125	3.2	30	0	60					114417
7165	0.344	8.7	0.165	4.2	0.125	3.2	30	0	60					114423
7185	0.344	8.7	0.185	4.7	0.125	3.2	30	0	60					114429
7200	0.344	8.7	0.200	5.1	0.125	3.2	30	0	60					114435
7215	0.344	8.7	0.215	5.5	0.125	3.2	30	0	60					114443
7220	0.344	8.7	0.220	5.6	0.125	3.2	30	0	60					114449
7230	0.344	8.7	0.230	5.8	0.125	3.2	30	0	60					114451
7250	0.344	8.7	0.250	6.4	0.125	3.2	30	0	60					114457

CWX	L		W		T		α	β	γ	T12M-CR				
	inch	mm	inch	mm	inch	mm								
7115	0.437	11.1	0.115	2.9	0.125	3.2	35	0	67					154123
7120	0.437	11.1	0.120	3.0	0.125	3.2	35	0	67					167104
7130	0.437	11.1	0.130	3.3	0.125	3.2	35	0	67					167105
7135	0.437	11.1	0.135	3.4	0.125	3.2	35	0	67					167106
7140	0.437	11.1	0.140	3.6	0.125	3.2	35	0	67					167107
7150	0.437	11.1	0.150	3.8	0.125	3.2	35	0	67					167108
7160	0.437	11.1	0.160	4.1	0.125	3.2	35	0	67					167109
7170	0.437	11.1	0.170	4.3	0.125	3.2	35	0	67					167110
7180	0.437	11.1	0.180	4.6	0.125	3.2	35	0	67					167115
7190	0.437	11.1	0.190	4.8	0.125	3.2	35	0	67					167111
7200	0.437	11.1	0.200	5.1	0.125	3.2	35	0	67					167112
7250	0.437	11.1	0.250	6.4	0.125	3.2	35	0	67					153811



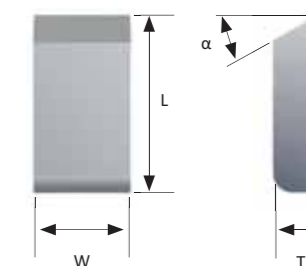
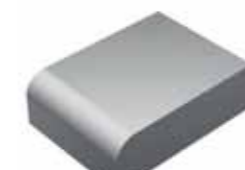


CW Style
inch

EN Carbide saw tips for circular saws
 DE Hartmetallsägezähne für Kreissägen
 FR Dents de scie pour scies circulaires
 IT Dentelli per lame circolari
 ES Dientes de sierra para sierras circulares

	CWD Right	L inch mm	W inch mm	T inch mm	α	β	γ	T07MF-CR
	7165	0.312 7.9	0.165 4.2	0.093 2.4	30	0	60	111711
	7185	0.312 7.9	0.185 4.7	0.093 2.4	30	0	60	111713
	7200	0.312 7.9	0.200 5.1	0.093 2.4	30	0	60	111715
	7215	0.312 7.9	0.215 5.5	0.093 2.4	30	0	60	111717
	7250	0.312 7.9	0.250 6.4	0.093 2.4	30	0	60	111719
	CWD Left	L inch mm	W inch mm	T inch mm	α	β	γ	T07MF-CR
	7165	0.312 7.9	0.165 4.2	0.093 2.4	30	0	60	111712
	7185	0.312 7.9	0.185 4.7	0.093 2.4	30	0	60	111714
	7200	0.312 7.9	0.200 5.1	0.093 2.4	30	0	60	111716
	7215	0.312 7.9	0.215 5.5	0.093 2.4	30	0	60	111718
	7250	0.312 7.9	0.250 6.4	0.093 2.4	30	0	60	111720
	CWG Right	L inch mm	W inch mm	T inch mm	α	β	γ	T07MF-CR
	7230	0.375 9.5	0.230 5.8	0.125 3.2	30	0	60	134882
	7250	0.375 9.5	0.250 6.4	0.125 3.2	30	0	60	132524
	7265	0.375 9.5	0.265 6.7	0.125 3.2	30	0	60	136381
	CWG Left	L inch mm	W inch mm	T inch mm	α	β	γ	T07MF-CR
	7230	0.375 9.5	0.230 5.8	0.125 3.2	30	0	60	134883
	7250	0.375 9.5	0.250 6.4	0.125 3.2	30	0	60	132523
	7265	0.375 9.5	0.265 6.7	0.125 3.2	30	0	60	136382
	CWEV	L inch mm	W inch mm	T inch mm	α	β	γ	T07MF-CR
	7200	0.375 9.5	0.200 5.1	0.093 2.4	30	0	60	119868
	CWGV	L inch mm	W inch mm	T inch mm	α	β	γ	T07MF-CR
	7230	0.375 9.5	0.230 5.8	0.125 3.2	30	0	60	115352

Note: Also available pretinned! Add "-PT" to part number!

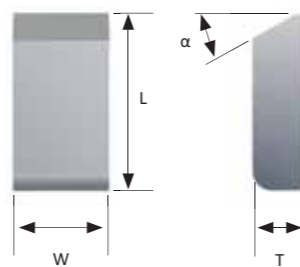
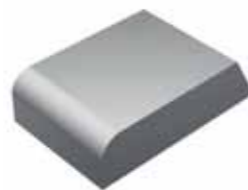


W Style
inch

EN Carbide saw tips for circular saws
 DE Hartmetallsägezähne für Kreissägen
 FR Dents de scie pour scies circulaires
 IT Dentelli per lame circolari
 ES Dientes de sierra para sierras circulares

WB	L inch mm	W inch mm	T inch mm	α	β	γ	T10MG	
7100	0.281 7.1	0.100 2.5	0.078 2.0	30	0	0	114162	
7120	0.281 7.1	0.120 3.0	0.078 2.0	30	0	0	114166	
7135	0.281 7.1	0.135 3.4	0.078 2.0	30	0	0	114167	
7150	0.281 7.1	0.150 3.8	0.078 2.0	30	0	0	114170	
7165	0.281 7.1	0.165 4.2	0.078 2.0	30	0	0	114171	
7180	0.281 7.1	0.180 4.6	0.078 2.0	30	0	0	114174	
7185	0.281 7.1	0.185 4.7	0.078 2.0	30	0	0	114175	
7195	0.281 7.1	0.195 5.0	0.078 2.0	30	0	0	114178	
7200	0.281 7.1	0.200 5.1	0.078 2.0	30	0	0	114179	
7250	0.281 7.1	0.250 6.4	0.078 2.0	30	0	0	114183	
WD	L inch mm	W inch mm	T inch mm	α	β	γ	T10MG	
7120	0.312 7.9	0.120 3.0	0.093 2.4	30	0	0	114207	
7135	0.312 7.9	0.135 3.4	0.093 2.4	30	0	0	114214	
7150	0.312 7.9	0.150 3.8	0.093 2.4	30	0	0	114222	
7165	0.312 7.9	0.165 4.2	0.093 2.4	30	0	0	114230	
7185	0.312 7.9	0.185 4.7	0.093 2.4	30	0	0	114239	
7200	0.312 7.9	0.200 5.1	0.093 2.4	30	0	0	114247	
7215	0.312 7.9	0.215 5.5	0.093 2.4	30	0	0	114248	
7230	0.312 7.9	0.230 5.8	0.093 2.4	30	0	0	114255	
7250	0.312 7.9	0.250 6.4	0.093 2.4	30	0	0	114263	
7280	0.312 7.9	0.280 7.1	0.093 2.4	30	0	0	114264	
7312	0.312 7.9	0.312 7.9	0.093 2.4	30	0	0	114271	
WE	L inch mm	W inch mm	T inch mm	α	β	γ	T10MG	
7185	0.375 9.5	0.185 4.7	0.093 2.4	30	0	0	114296	
7200	0.375 9.5	0.200 5.1	0.093 2.4	30	0	0	114297	
7215	0.375 9.5	0.215 5.5	0.093 2.4	30	0	0	114302	
7225	0.375 9.5	0.225 5.7	0.093 2.4	30	0	0	114303	
7250	0.375 9.5	0.250 6.4	0.093 2.4	30	0	0	114309	
7281	0.375 9.5	0.281 7.1	0.093 2.4	30	0	0	114315	
7312	0.375 9.5	0.312 7.9	0.093 2.4	30	0	0	114320	
7350	0.375 9.5	0.350 8.9	0.093 2.4	30	0	0	114321	
7375	0.375 9.5	0.375 9.5	0.093 2.4	30	0	0	114326	
WF	L inch mm	W inch mm	T inch mm	α	β	γ	T07MF-CR	T10MG
7160	0.500 12.7	0.160 4.1	0.125 3.2	35	0	0	152785	114330
7165	0.500 12.7	0.165 4.2	0.125 3.2	35	0	0	152787	114334
7180	0.500 12.7	0.180 4.6	0.125 3.2	35	0	0	152788	114338
7190	0.500 12.7	0.190 4.8	0.125 3.2	35	0	0	152789	114342
7200	0.500 12.7	0.200 5.1	0.125 3.2	35	0	0	152790	114343

Note: Also available pretinned! Add "-PT" to part number!



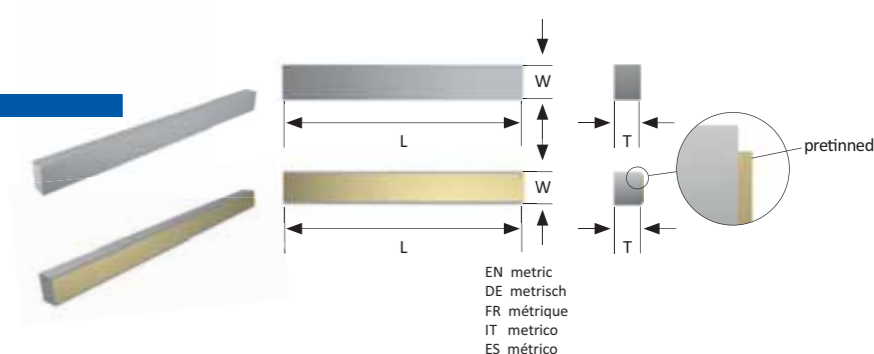
W Style inch

- EN Carbide saw tips for circular saws
- DE Hartmetallsägezähne für Kreissägen
- FR Dents de scie pour scies circulaires
- IT Dentelli per lame circolari
- ES Dientes de sierra para sierras circulares

WF	L		W		T		α	β	γ	T07MF-CR	T10MG
	inch	mm	inch	mm	inch	mm					
7230	0.500	12.7	0.230	5.8	0.125	3.2	35	0	0	152791	114351
7240	0.500	12.7	0.240	6.1	0.125	3.2	35	0	0	152792	114354
7250	0.500	12.7	0.250	6.4	0.125	3.2	35	0	0	152793	114355
7275	0.500	12.7	0.275	7.0	0.125	3.2	35	0	0	152794	114362
7280	0.500	12.7	0.280	7.1	0.125	3.2	35	0	0	152795	114363
7300	0.500	12.7	0.300	7.6	0.125	3.2	35	0	0	152796	114366
7312	0.500	12.7	0.312	7.9	0.125	3.2	35	0	0	152797	114367
7350	0.500	12.7	0.350	8.9	0.125	3.2	35	0	0	152798	114370
7375	0.500	12.7	0.375	9.5	0.125	3.2	35	0	0	152799	114371
7400	0.500	12.7	0.400	10.2	0.125	3.2	35	0	0	152800	114374
7437	0.500	12.7	0.437	11.1	0.125	3.2	35	0	0	152801	114375
7500	0.500	12.7	0.500	12.7	0.125	3.2	35	0	0	152802	114378
7625	0.500	12.7	0.625	15.9	0.125	3.2	35	0	0	152803	114379

WG	L		W		T		α	β	γ	T10MG
	inch	mm	inch	mm	inch	mm				
7150	0.375	9.5	0.150	3.8	0.125	3.2	30	0	0	138350
7165	0.375	9.5	0.165	4.2	0.125	3.2	30	0	0	138351
7185	0.375	9.5	0.185	4.7	0.125	3.2	30	0	0	138352
7200	0.375	9.5	0.200	5.1	0.125	3.2	30	0	0	115371
7215	0.375	9.5	0.215	5.5	0.125	3.2	30	0	0	115372
7230	0.375	9.5	0.230	5.8	0.125	3.2	30	0	0	115337
7250	0.375	9.5	0.250	6.4	0.125	3.2	30	0	0	115373
7265	0.375	9.5	0.265	6.7	0.125	3.2	30	0	0	138353
7280	0.375	9.5	0.280	7.1	0.125	3.2	30	0	0	128767
7312	0.375	9.5	0.312	7.9	0.125	3.2	30	0	0	115374
7335	0.375	9.5	0.335	8.5	0.125	3.2	30	0	0	140921
7350	0.375	9.5	0.350	8.9	0.125	3.2	30	0	0	138354
7375	0.375	9.5	0.375	9.5	0.125	3.2	30	0	0	140922
7400	0.375	9.5	0.400	10.2	0.125	3.2	30	0	0	140924
7500	0.375	9.5	0.500	12.7	0.125	3.2	30	0	0	138447

WQ	L		W		T		α	β	γ	T10MG
	inch	mm	inch	mm	inch	mm				
7200	0.375	9.5	0.200	5.1	0.156	4.0	30	0	0	114400
7265	0.375	9.5	0.265	6.7	0.156	4.0	30	0	0	114401
7300	0.375	9.5	0.300	7.6	0.156	4.0	30	0	0	114402
7335	0.375	9.5	0.335	8.5	0.156	4.0	30	0	0	114403
7400	0.375	9.5	0.400	10.2	0.156	4.0	30	0	0	114404
7460	0.375	9.5	0.460	11.7	0.156	4.0	30	0	0	114405
7500	0.375	9.5	0.500	12.7	0.156	4.0	30	0	0	114406
7530	0.375	9.5	0.530	13.5	0.156	4.0	30	0	0	140931
7625	0.375	9.5	0.625	15.9	0.156	4.0	30	0	0	114407
7640	0.375	9.5	0.640	16.3	0.156	4.0	30	0	0	140932
7765	0.375	9.5	0.765	19.4	0.156	4.0	30	0	0	140933

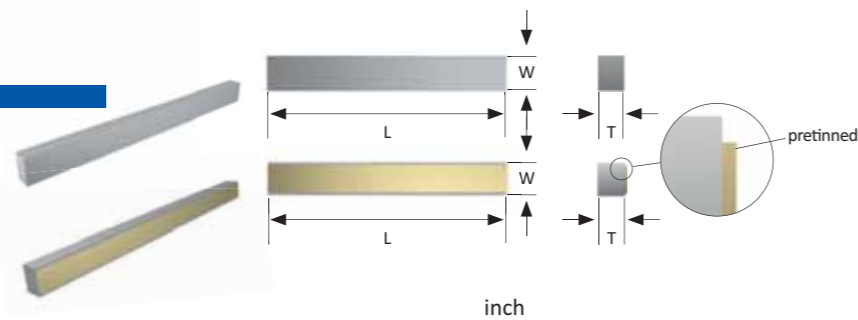


- EN Strobe blanks for circular saws
- DE Wischerblätter für Kreissägen
- FR Racleurs pour scies circulaires
- IT Barrette per rasanti di lame circolari
- ES Rasuradores para sierras circulares

L	W	T	T07MF-W
25	2	2	111033
25	2.5	2	113529
25	3	2	109812
30	3	2	043520
35	3	2	113533
40	3	2	043522
30	3.3	2	049602
35	3.3	2	113544
40	3.3	2	113546
310	3.3	2	113555
30	3.5	2	043514
40	3.5	2	043516
45	3.5	2	113557
50	3.5	2	109811
30	3.7	2	036174
40	3.7	2	113565
50	3.7	2	113566
20	4	2	111032
30	4	2	043521
35	4	2	113572
40	4	2	043523
45	4	2	113574
50	4	2	111046
55	4	2	113576
60	4	2	111049
50	4.2	2	036811
60	4.2	2	113582
310	4.2	2	113584

L	W	T	T07MF-W
30	4.5	2	111037
40	4.5	2	111041
45	4.5	2	111045
50	4.5	2	111047
55	4.5	2	113585
60	4.5	2	111050
310	4.5	2	113592
40	5	2	043525
45	5	2	113594
50	5	2	113595
55	5	2	113596
60	5	2	111051
65	5	2	113597
30	5.5	2	111039
40	5.5	2	111042
50	5.5	2	111048
60	5.5	2	113599
65	5.5	2	113600
310	5.5	2	113773
60	6	2	113602
60	6.2	2	111053
310	6.5	2	113605

EN Strobe blanks for circular saws
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ST	L inch	mm	W inch	mm	T inch	mm	T12M-CR
ST1130	1.000	25.4	0.130	3.3	0.125	3.2	113530
ST1140	1.000	25.4	0.140	3.6	0.125	3.2	113534
ST1150	1.000	25.4	0.150	3.8	0.125	3.2	113535
ST1160	1.000	25.4	0.160	4.1	0.125	3.2	113536
ST1170	1.000	25.4	0.170	4.3	0.125	3.2	113537
ST1180	1.000	25.4	0.180	4.6	0.125	3.2	113538
ST1250	1.000	25.4	0.250	6.4	0.125	3.2	113550
ST1260	1.000	25.4	0.260	6.6	0.125	3.2	113552

ST	L inch	mm	W inch	mm	T inch	mm	T12M-CR
ST2150	1.250	31.8	0.150	3.8	0.125	3.2	113561
ST2170	1.250	31.8	0.170	4.3	0.125	3.2	113563
ST2190	1.250	31.8	0.190	4.8	0.125	3.2	113571
ST2240	1.250	31.8	0.240	6.1	0.125	3.2	113581
ST2250	1.250	31.8	0.250	6.4	0.125	3.2	113586
ST2260	1.250	31.8	0.260	6.6	0.125	3.2	113587

EN Brazing alloys and fluxes
 DE Lot und Flussmittel
 FR Alliages et flux de brasage
 IT Leghe brasanti e disossidanti
 ES Aleaciones y fundentes para soldadura fuerte



EN AutoFlux - brazing flux paste for automatic dispensing
 DE AutoFlux - Hartlot Flussmittel-Paste für Maschinendosierung
 FR AutoFlux - flux de brasage en pâte pour mise en oeuvre en automatique
 IT AutoFlux - disossidante in pasta per brasatura adatto per la distribuzione automatica
 ES AutoFlux - aleación en pasta con fundente para aplicar automáticamente

Item	weight kg
115300	1.5

EN ManuFlux - brazing flux paste for manual applications
 DE ManuFlux - Hartlot Flussmittel-Paste für den Auftrag von Hand
 FR ManuFlux - flux de brasage en pâte pour utilisation manuelle
 IT ManuFlux - disossidante in pasta per brasatura per applicazione manuale
 ES ManuFlux - aleación en pasta con fundente para aplicar manualmente

Item	weight kg
115301	1.0

EN Brazing alloys and fluxes
 DE Lot und Flussmittel
 FR Alliages et flux de brasage
 IT Leghe brasanti e disossidanti
 ES Aleaciones y fundentes para soldadura fuerte



EN TriMet - sandwich brazing alloy strip, on spool
 DE TriMet - Schichtlot, auf Spule
 FR TriMet - alliage de brasage „sandwich“ en bande, sur bobine
 IT TriMet - lega brasante nastro trimetallico, in bobina
 ES TriMet - cinta tipo sandwich para soldadura fuerte, en carretes

Item	W mm	T mm	weight kg	Features
122449	2.0	0.3	1.0 - 1.5	EN Trimetal shim DE Schichtlot FR Trimétal IT Trimetallici ES Láminas trimetálicas
123911	2.2	0.3	1.0 - 1.5	
122450	2.5	0.3	1.0 - 1.5	
122451	3.0	0.3	1.0 - 1.5	
122452	3.2	0.3	1.0 - 2.0	
122453	3.5	0.3	1.5 - 2.0	
122454	4.0	0.3	1.5 - 2.0	
133282	4.5	0.3	1.5 - 2.0	
130813	5.0	0.3	1.5 - 2.0	
133763	5.5	0.3	1.5 - 2.0	
157267	6.0	0.3	1.5 - 2.0	EN Trimetal shim DE Schichtlot FR Trimétal IT Trimetallici ES Láminas trimetálicas
128887	7.0	0.3	1.5 - 2.0	
162305	8.0	0.3	1.5 - 2.0	
123653	25.0	0.3	1.0 - 1.5	
123897	8.0	0.4		
167158	25.0	0.4		

EN TriMet - sandwich brazing alloy strip for special applications, in coils
 DE TriMet - Lot für Sonderanwendungen, im Bunde
 FR TriMet - alliage de brasage „sandwich“ pour applications spéciales, en bande
 IT TriMet - lega brasante nastro trimetallico per applicazioni speciali, in bobina
 ES TriMet - cinta tipo sandwich para soldadura fuerte, en carretes

Item	W mm	T mm	weight kg
122456	40	0.8	1.0
122457	50	0.8	1.0
122458	60	0.8	1.0
122459	70	0.8	1.0