

















-  **Reversible knives - TIGRA carbide grades and their applications** – Technical Data
-  **Wendeschneidplatten - TIGRA Hartmetallsorten und ihre Anwendungen** – Technische Daten
-  **Plaquettes reversibles - Les nuances de carbures TIGRA et leurs applications** – Caractéristiques techniques
-  **Coltelli reversibili - I tipi di metallo duro TIGRA e le loro applicazioni** – Dati tecnici
-  **Cuchillas reversibles - Calidades de metal duro TIGRA y sus aplicaciones** – Datos técnicos

 TIGRA grade  TIGRA - Sorte  Nuance TIGRA  Tipo TIGRA  Calidad TIGRA	Binder	Hardness		Bending strength		Toughness
	Binder Liant Legante Composicion	Härte Dureté Durezza Dureza		Biegebruchfestigkeit Resistance à la flexion Resistenza flessionale Resistencia a la flexión		Zähigkeit Ténacité Tenacità Tenacidad
	%	HV 10	HRA ± 0.2	N/mm ²	psi	K _{1C} / MPa.m ^{-1/2}
T02UMG ISO: K01 USA: C4 +++	2.0	2550	> 95.5	2300	334.000	5.4
T02SMG ISO: K01 USA: C4 +++	2.5	2350	95.3	2000	290.000	5.7
T03SMG ISO: K01 USA: C4 ++	3.5	2100	94.6	2400	348.000	6.4
T04F ISO: K05 USA: C4	4.0	1750	92.8	2350	341.000	8.6
T08CR* ISO: K01 USA: C4 +	4.3	1900	93.6	2350	341.000	8.5
T05UMG ISO: K01-K10 USA: C3 ++	5.0	2050	94.5	2450	355.000	6.9
T06M ISO: K20 USA: C3 -	6.5	1400	90.3	2400	348.000	10.4
T06MF ISO: K20 USA: C3	6.5	1600	92.0	2500	363.000	9.9
T06MG ISO: K01-K20 USA: C3 ++	6.0	1800	93.3	2700	392.000	8.2
T08MF ISO: K30 USA: C2	8.5	1470	90.9	2700	392.000	10.3
T08SMG ISO: K05-K30 USA: C2 +++	9.0	1750	92.8	3400	493.000	8.4
T10MG ISO: K10-K40 USA: C3 +	10.0	1650	92.3	3600	522.000	9.4

* Special binder - Spezialbinder - Liant special - Legante speciale - Composicion especial

 TIGRA grade  TIGRA - Sorte  Nuance TIGRA  Tipo TIGRA  Calidad TIGRA	HDF	MDF	Chipboard Spanplatte Panneaux de particule Truciolare Panel de aglomerado	Hardwood Hartholz Bois dur Legno duro Madera dura	Softwood Weichholz Bois tendre Legno tenero Madera blanda
T02UMG	+++	+++	+	--	--
T02SMG	++	+++	+++	-	--
T03SMG	+	++	+++	0	--
T04F	0	+	++	+	+
T08CR*	0	++	++	++	+
T05UMG	+	+	+	+++	+
T06MF	-	-	-	0	+
T08MF	-	-	-	+	+
T10MG	-	0	0	++	++

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 TIGRA grade  TIGRA - Sorte  Nuance TIGRA  Tipo TIGRA  Calidad TIGRA	Main usage Hauptanwendung Principal usage Main uso Uso principal	
T02UMG	Standard reversible knives Standard-Wendschneidplatten Plaquettes reversibles standard Coltelli reversibili standard Cuchillas reversibles standard	
T02SMG	Standard reversible knives Standard-Wendschneidplatten Plaquettes reversibles standard Coltelli reversibili standard Cuchillas reversibles standard	
T03SMG	Standard and mini reversible knives Standard- und Mini-Wendschneidplatten Plaquettes reversibles standard et mini Coltelli reversibili standard e mini Cuchillas reversibles standard y mini	
T04F	Reversible knives - universal grade Wendschneidplatten - Universalsorte Plaquettes reversibles - nuance universelle Coltelli reversibili - metallo duro universale Cuchillas reversibles - calidad universal	
T08CR	Reversible knives, planer knives Wendschneidplatten, Hobelkopfplatten Plaquettes reversibles, couteaux pour outils à raboter Coltelli reversibili, coltelli per teste da pialla Cuchillas reversibles, cuchillas para cepillar	
T05UMG	Special reversible knives Sonder-Wendschneidplatten Plaquettes reversibles especiales Coltelli reversibili speciali Cuchillas reversibles especiales	
T06MF	Grooving knives Nuter Couteaux pour rainures Coltelli per incastri Cuchillas para ranura	
T08MF	Spurs, portable planers Vorschneider, Handhobel Araseurs, rabots electro portatifs Rasanti, piallatrici portatili Incisores, acepilladoras electricas	
T10MG	45° knives, planer knives 45°-Wendschneidplatten, Hobelkopfplatten Plaquettes 45°, couteaux pour outils à raboter Coltelli 45°, coltelli per teste da pialla Cuchillas 45°, cuchillas para cepillar	

					
+++	Excellent	Hervorragend	Parfaitement	Ottimo	Perfectamente
++	Very Good	Sehr gut	Très bien	Molto idoneo	Muy
+	Good	Gut	Bien	Idoneo	Algo
0	Acceptable	Akzeptabel	Acceptable	Accettabile	Acceptable
-	Not too good	Weniger gut	Moins bien	Meno idoneo	Mal
--	Poor	Schlecht geeignet	Mal adapté	Poco idoneo	Nada apropiado
---	Not suitable	Nicht geeignet	Pas utilisable	Non utilizzabile	No utilizable