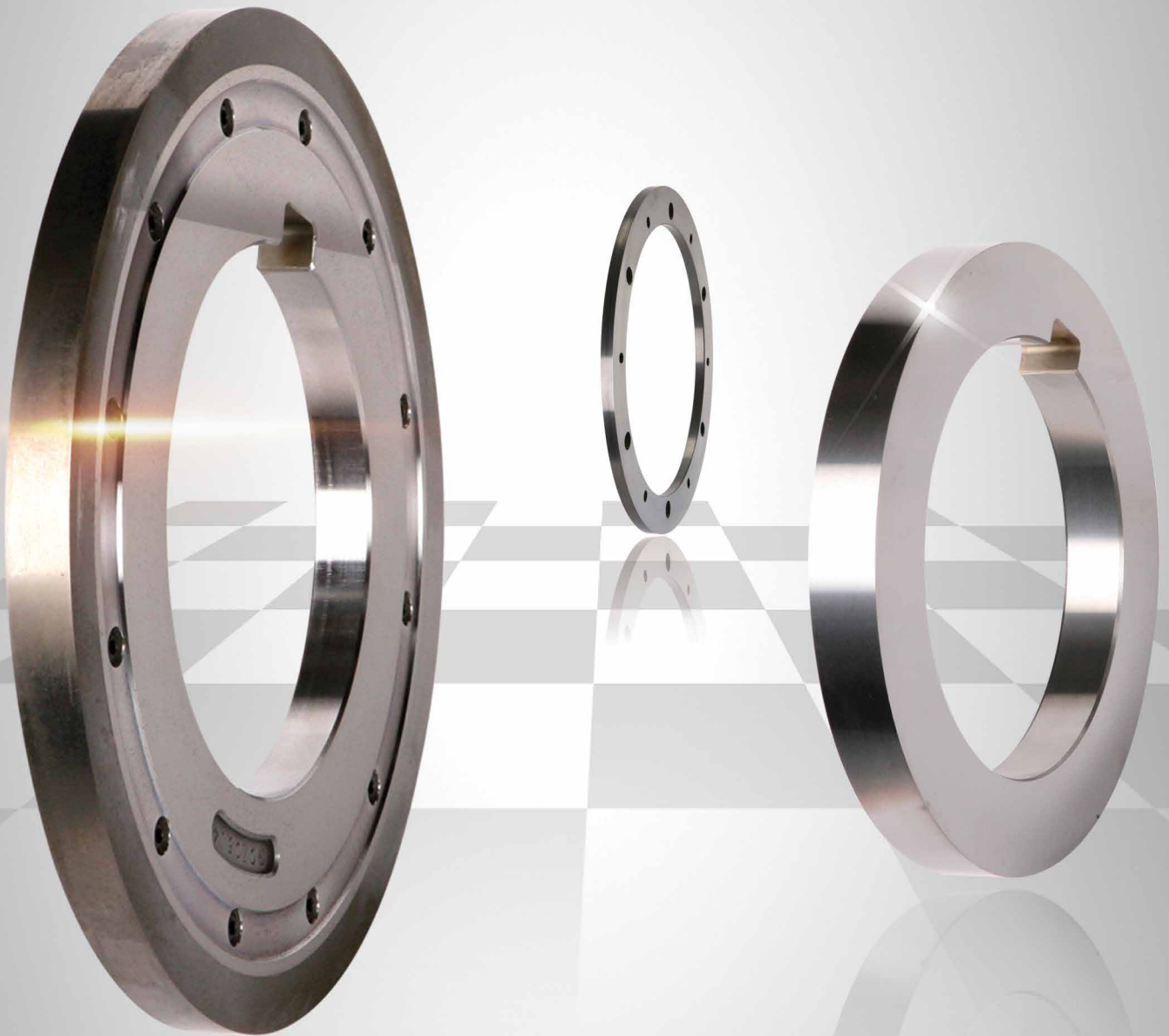


CARBIDE SLITTING KNIFE



CARBIDE SLITTING KNIFE



Feature



- Excellent wear resistance and tensile strength compared to steel knives.
- Longer tool life, clean cut surface and precise size control.

Standard Specification

unit: mm

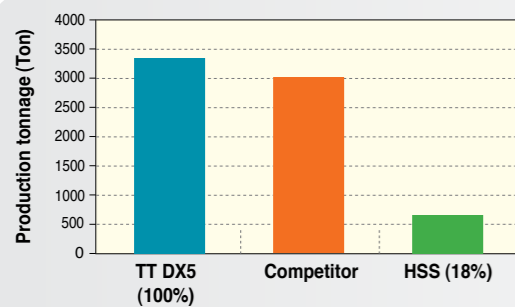
Type	O.D	I.D	Thickness	Parallelism (//)	Squareness (⊥)	Flatness (∇)	Concentricity (◎)
Trimming	292	165-203	20-40	0.005	0.005	0.005	0.02
	305	165-203		0.005	0.005	0.005	0.02
	310	165-203		0.005	0.005	0.005	0.02
	330	165-203		0.005	0.005	0.005	0.02
	350	165-203		0.005	0.005	0.005	0.02
Slitting	250	130-200	8-10	0.002	0.005	0.003	0.005
	330	200-260	8-10	0.002	0.005	0.003	0.005

O.D tolerance: H6 / I.D tolerance: H10

Grade

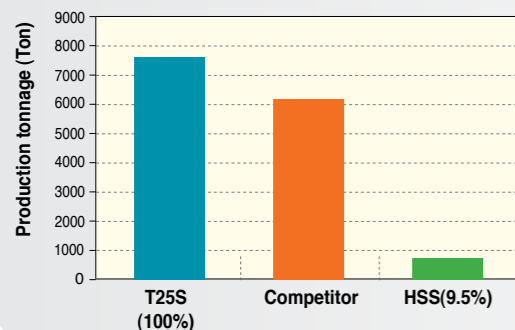
Grade	Composition			Physical properties			
	WC(%)	Co(%)	WC size(μm)	Density	Hardness(Hra)	TRS(N/mm ²)	Compressive Strength(kg/mm ²)
K20	94	6	1.3	15	92	2590	530
K30	91	9	1.3	14.7	90.6	2926	500
D20	88	12	1.3	14.3	90	3360	430
K45	87	13	2.4	14.2	88.5	3400	410
DX5	84	16	1.8	13.9	87.5	3640	410
T25S	75	25	6	13.0	83.7	2900	370

Cutting Performance



Working conditions

- Side trimming
- Workpiece: 0.7mm Steel Plate
- Workpiece tensile strength: 16~40kgf/mm²
- Line speed: 300m/min
- Tool life time : untill it wears 0.2mm



Working conditions

- Side Trimming
- Workpiece: 2.2mm Steel Plate
- Workpiece tensile strength: 16~40kgf/mm²
- Line speed: 300m/min
- Tool life time : untill it wears 0.2mm

Application

Application	Thickness (mm)	K20	K30	D20	K45	DX5	T25S
Nonferros metal		●	●				
Low carbon steel	1t >			●	●		
	1t <				●	●	●
Alloy steel	0.5t >			●	●	●	
	0.5-2.0					●	●
Silicon steel	0.5t >				●	●	
	0.5-1.5t					●	●
Stainless steel	0.5t >				●	●	
	0.5-2.0t					●	●

CARBIDE SLITTING KNIFE

World Headquarters

304 Yonggye 4-ri, Gachang-myeon,
Dalseong-gun, Daegu 711-864, KOREA
Tel: +82-53-760-7637
Fax: +82-53-768-9912
Web:<http://www.taegutec.com>



- English Version: IP 03/2015
- ©TaeguTec LTD.