

Steel Selection & Performance

We offer a wide selection of fine made knives for cutting nearly any type of wooden material. Our knives are made to exceed industry standard and provide trouble free long run performance even under heavy feed rates. Knives are true high grade A.I.S.I. mill run steels that are salt bath hardened and triple draw stress relieved for greater consistency. Knives are precision ground and corrugated on advanced CNC creep feed crush grinders for perfect bar to bar consistency.

Standard grades offered are:

D2-HCHC- High Carbon & High Chrome: Our D2 (AISI) knives offer the best value for many moulding producers and planer mills. It is easy to grind and resists nicks in knotty soft woods. D2 contains 12% chromium to resist chemical erosion when cutting wet cedar or redwood. Great for softwoods and shorter runs in hardwoods.

V2-HSS: High Speed Steel: V2 is our newest breed of HSS with extra Vanadium for long life. V2 offers nearly same wear life and performance as M2-HSS, but at about 25% lower cost. V2 has a 63 HRC and is easy to profile shape. Great for most long runs in soft or hardwoods.

M2-HSS: High Speed Steel: Our true grade M2-HSS (AISI) steel offers 25% longer run times than D2-HCHC grade. Great for long runs in most soft and hardwoods.

T1-HSS: High Speed Steel: Our T1 (AISI) steel offers 25% longer run times than M2-HSS. T1 is a well liked common European grade made of 18% Tungsten (W) for extra long runs and better resistance to abrasive glue lines. T1 is popular for mills that run mostly hardwoods or for softwood mills that want the ultimate in knife and cutting performance.

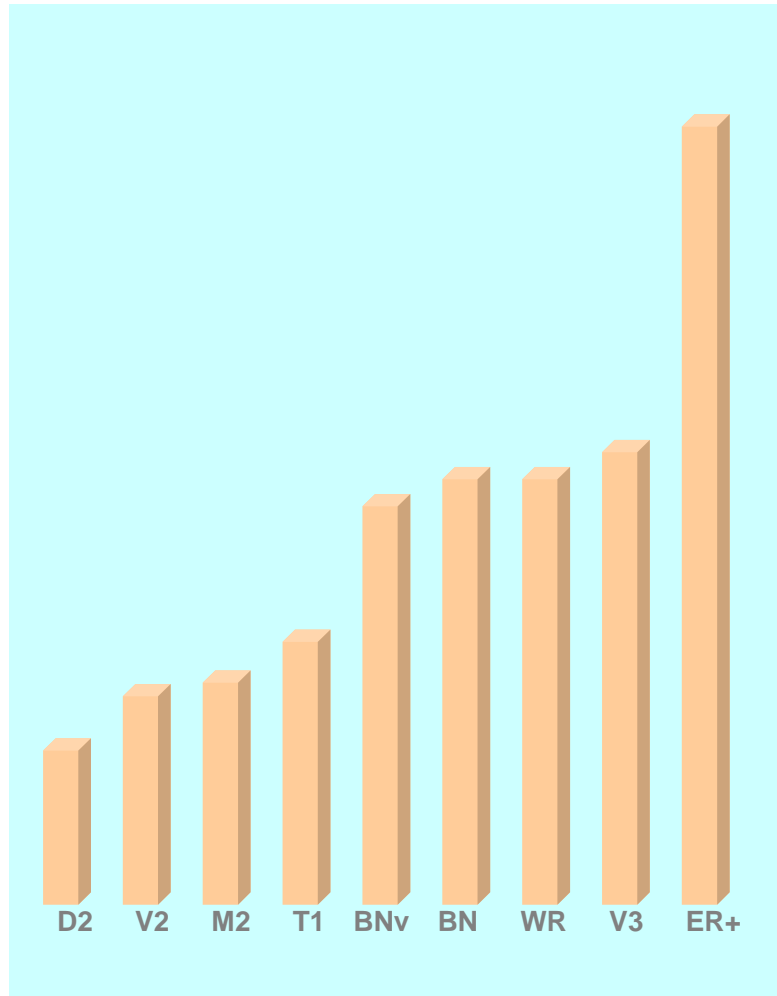
BN-HSS: BN-HSS is our premium HSS with case hardened and black oxide to resist pitch build up. BN-HSS offers up to 100% tool life increases over standard M2-HSS, without being harder to profile shape. BN-HSS features a long wearing cutting edge that is more than 72 HRC. Great for long runs and stubborn hardwoods.

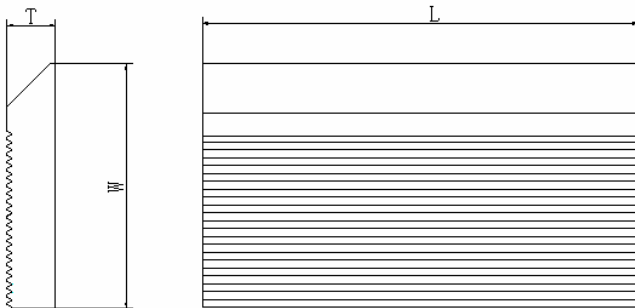
BNv-HSS: Similar to BN grade but more value added. It has the same cost with M2 grade but offers up to 80% tool life increase over standard M2-HSS.

V3-HSS: High Speed Steel: V3-HSS offers up to 100% longer tool life over M2-HSS. This super alloy steel is great for long runs or on tough hardwoods. V3-HSS is like M42/T15-HSS and wears longer than M3-HSS. V3-HSS has 66 HRC hardness which is one of the hardest HSS offered.

WR-HSS: For the ultimate value and long tool life you have to try our RW coated knives. By applying the hard long wearing coating to the face of HSS you can increase wear life 100% at a small additional cost. This line of steel is great for most hardwoods and can triple tool life in wet woods that contain tannic acids (oak, cedar, redwood).

ER+ (Endurance Super Run coated grade) : The best option for extended production time and tool life. An excellent choice for cutting problem hardwoods and for super long production runs. ER+ grade can also run some MDF to 240 linear meters before dulling. It has been proven to be one of the best choices for the top grade HSS steel in the market before you go to the carbide.





Corrugated Knives

--- HCHC and HSS steel

Application:

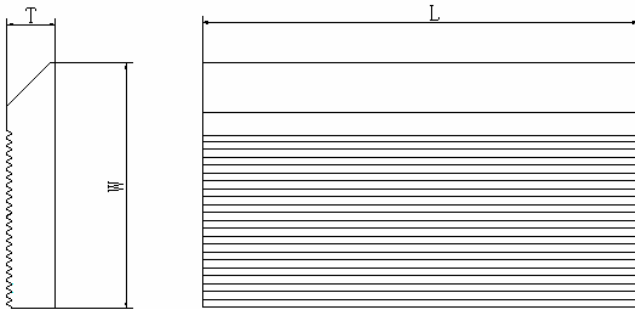
For softwood and hardwood, profiling and planing.

Features:

- True high grade A.I.S.I. mill run steels.
- Heat-treated with triple tempers for greater consistency.
- Precision ground with CNC grinding machines.
- A full line of the thicknesses and widths at the length of up to 25" or 650mm.
- Standard 16-60 ° corrugations and 16-90 ° corrugations as an option.

Size L x W x T	ID No. D2	ID No. V2	ID No. M2	ID No. T1	ID No. V3
25" x 1-1/4" x 5/32"					
25" x 1-1/2" x 5/32"					
25" x 1-3/4" x 5/32"					
25" x 1-1/2" x 3/16"	K011 01011		K011 03001	K011 04002	
25" x 1-3/4" x 3/16"	K011 01012		K011 03002	K011 04003	
25" x 2" x 3/16"	K011 01013		K011 03003	K011 04004	
25" x 1-1/4" x 1/4"	K011 01020	K011 02001	K011 03004	K011 04005	
25" x 1-1/2" x 1/4"	K011 01021	K011 02002	K011 03005	K011 04006	K011 06002
25" x 1-3/4" x 1/4"	K011 01022	K011 02003	K011 03006	K011 04007	K011 06003
25" x 2" x 1/4"	K011 01023	K011 02004	K011 03007	K011 04008	K011 06004
25" x 2-1/4" x 1/4"	K011 01024	K011 02005	K011 03008	K011 04009	
25" x 2-1/2" x 1/4"	K011 01025	K011 02006	K011 03009	K011 04010	
25" x 1-1/2" x 5/16"	K011 01042	K011 02009	K011 03012	K011 04051	K011 06009
25" x 1-3/4" x 5/16"	K011 01043	K011 02010	K011 03013	K011 04052	K011 06010
25" x 2" x 5/16"	K011 01044	K011 02011	K011 03014	K011 04053	K011 06011
25" x 2-1/4" x 5/16"	K011 01045	K011 02012	K011 03015	K011 04054	K011 06012
25" x 2-1/2" x 5/16"	K011 01046	K011 02013	K011 03016	K011 04055	K011 06013
25" x 3" x 5/16"	K011 01048	K011 02015	K011 03018	K011 04057	
25" x 3-1/4" x 5/16"	K011 01049	K011 02016	K011 03019		
25" x 3-1/2" x 5/16"	K011 01050	K011 02017	K011 03020		

Size L x W x T	ID No. D2	ID No. V2	ID No. M2	ID No. T1	ID No. V3
650x30x4			K011 03068		
650x35x4				K011 04110	
650x40x4		K011 02030	K011 03059	K011 04063	
650x35x5				K011 04101	
650x40x5				K011 04124	
650x50x5					
650x40x6		K011 02032	K011 03041	K011 04030	
650x50x6		K011 02033	K011 03042	K011 04031	
650x60x6		K011 02034	K011 03043	K011 04032	
650x40x8		K011 02026	K011 03092	K011 04034	
650x50x8		K011 02029	K011 03045	K011 04035	
650x60x8		K011 02035	K011 03046	K011 04036	
650x70x8		K011 02036	K011 03047	K011 04037	



Corrugated Knives

--- HSS steel with special treatment

Application:

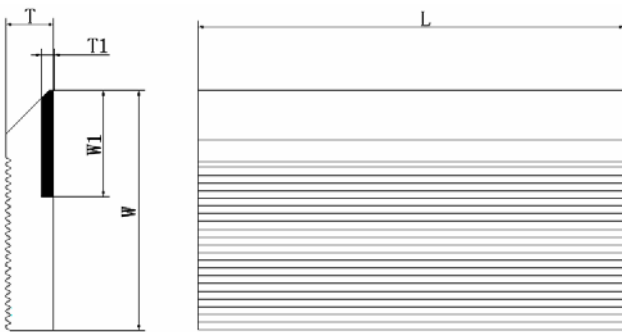
For hard wood, profiling and planing.

Features:

- For cutting problem hardwoods and super long production runs.
- Provide the ultimate value and long tool life.
- Precision ground with CNC grinding machines.
- A full line of the thicknesses and widths at the length of up to 25" or 650mm.
- Standard 16-60 ° corrugations and 16-90 ° corrugations as an option.

Size L x W x T	ID No. BNv	ID No. BN	ID No. WR	ID No. ER+	ID No.
25" x 1-1/4" x 5/32"					
25" x 1-1/2" x 5/32"					
25" x 1-3/4" x 5/32"					
25" x 1-1/2" x 3/16"		K011 05001			
25" x 1-3/4" x 3/16"		K011 05002			
25" x 2" x 3/16"		K011 05003			
25" x 1-1/4" x 1/4"		K011 05004	K011 12010		
25" x 1-1/2" x 1/4"	K011 18027	K011 05005	K011 12011		
25" x 1-3/4" x 1/4"	K011 18013	K011 05006	K011 12012		
25" x 2" x 1/4"	K011 18014	K011 05007	K011 12013		
25" x 2-1/4" x 1/4"	K011 18028	K011 05008	K011 12014		
25" x 2-1/2" x 1/4"		K011 05009	K011 12015		
25" x 1-1/2" x 5/16"	K011 18009	K011 05012	K011 12018	K011 21017	
25" x 1-3/4" x 5/16"	K011 18010	K011 05013	K011 12019	K011 21018	
25" x 2" x 5/16"	K011 18011	K011 05014	K011 12020	K011 21019	
25" x 2-1/4" x 5/16"	K011 18015	K011 05015	K011 12021	K011 21020	
25" x 2-1/2" x 5/16"	K011 18012	K011 05016	K011 12022		
25" x 3" x 5/16"	K011 18016	K011 05018	K011 12024		
25" x 3-1/4" x 5/16"		K011 05019			
25" x 3-1/2" x 5/16"		K011 05020			

Size L x W x T	ID No. BNv	ID No. BN	ID No. WR	ID No. ER+	ID No.
650x30x4		K011 05028			
650x35x4					
650x40x4	K011 18001	K011 05029			
650x35x5					
650x40x5					
650x50x5					
650x40x6	K011 18003	K011 05021			
650x50x6	K011 18004	K011 05022			
650x60x6	K011 18005	K011 05023			
650x40x8	K011 18006	K011 05024		*	
650x50x8	K011 18007	K011 05025		K011 21025	
650x60x8	K011 18008	K011 05026		K011 21026	
650x70x8		K011 05027			



Corrugated Knives

--- Carbide inlay (TCT)

Application:

For hardwood, long run surfacing and MDF profiles.

Features:

- For cutting problem hardwoods and super long production runs.
- Provide the ultimate value and long tool life.
- Precision ground with CNC grinding machines.
- A full line of the thicknesses and widths at the length of up to 25" or 650mm.
- Standard 16-60 ° corrugations and 16-90 ° corrugations as an option.

Size L x W x T	ID No. TCT/10x1	ID No. TCT/15x1.5	ID No. TCT/20x1.5	ID No. TCT/25x1.5	ID No. TCT/35x2
25" x 1-1/4" x 3/16"	*				
25" x 1-1/2" x 3/16"		K011 08060			
25" x 1-1/4" x 1/4"	K011 08002				
25" x 1-1/2" x 1/4"		K011 08004			
25" x 1-3/4" x 1/4"			K011 08070		
25" x 2" x 1/4"				K011 08008	
25" x 1-1/2" x 5/16"		K011 08020			
25" x 1-3/4" x 5/16"			K011 08022		
25" x 2" x 5/16"				K011 08024	
25" x 2-1/2" x 5/16"					*
650x30x5	*				
650x40x5		*			
650x40x6		K011 08057			
650x50x6				*	
650x40x8		*			
650x50x8				*	
650x60x8					*