

## DAVIS SERIES AF KEYWAY CUTTERS

**Series AF** Cutters are engineered for the higher speeds and feeds demanded by automatic cutting. The right combination of Rake, Relief and Face Relief angles results in faster cutting and better finishes. Series AF and AFS Cutters can also be used in all Davis Keyseaters. **Note:** Some AF and AFS Cutters must be altered to fit Model 5 Davis Keyseaters (up to Serial No. 5 -1363) at an additional cost. See Table below for specific Cutters. All Model 5 machines (Serial No. 5-1364 and higher) will accept AF and AFS Cutters without alteration.

**SERIES AF CUTTERS (ENGLISH)**

	AF No.	WIDTH	HEIGHT	PITCH	LENGTH
**	D-4200	1/16	3/8	5/16	16
**	D-4201	3/32	7/16	5/16	16
**	D-4202	1/8	7/16	5/16	16
**	D-4203	5/32	7/16	5/16	16
	D-4204	3/16	7/16	5/16	16
	D-4205	3/16	1/2	5/16	20
	D-4207	1/4	3/4	5/16	20
	D-4209	5/16	1	1/2	20
	D-4211	3/8	1	1/2	20
	D-4238	7/16	1	1/2	20
	D-4213	1/2	1	1/2	20
	D-4239	9/16	1	1/2	20
	D-4217	5/8	1	1/2	20
	D-4220	3/4	1	1/2	20
	D-4223	7/8	1	1/2	20
	D-4226	1	1	1/2	20
	D-4229	1-1/8	1-1/8	3/4	20
	D-4232	1-1/4	1-1/4	3/4	20
	D-4235	1-1/2	1-1/2	3/4	20

**SERIES AF CUTTERS (METRIC)**

	AF No.	WIDTH	HEIGHT	PITCH	LENGTH
**	D-4300	2mm	3/8	5/16	16
**	D-4301	3mm	3/8	5/16	16
**	D-4302	4mm	3/8	5/16	16
	D-4303	5mm	7/16	5/16	16
	D-4304	5mm	1/2	5/16	20
	D-4306	6mm	5/8	5/16	20
	D-4308	8mm	3/4	1/2	20
	D-4310	10mm	1	1/2	20
	D-4312	12mm	1	1/2	20
	D-4316	14mm	1	1/2	20
	D-4320	16mm	1	1/2	20
	D-4323	18mm	1	1/2	20
	D-4326	20mm	1	1/2	20
	D-4329	22mm	1	1/2	20
	D-4332	25mm	1	1/2	20
	D-4335	28mm	1-1/8	3/4	20
	D-4338	32mm	1-1/4	3/4	20
	D-4341	36mm	1-1/2	3/4	20

**Note:** For parts longer than 7", there are standard 24" and 30" long cutters available in the AFS Series

All Standard Cutters are ground .0005" to .0015" larger than the standard Keyway size.

\*\* Reinforced back 3/16" thick.

**To insure correct delivery specify correctly! Example:** D-4207 1/4" wide x 3/4" high x 20" long x 5/16" pitch AF.

All AF Cutters furnished with 10° rake and 3-1/2° relief angle, except between 1/16" and 3/16" sizes which are furnished with 10° rake and 6° relief angle. **SPECIALS: For sizes not listed above, and special shapes (90 degree angle cutters, radius cutters) consult the factory.**

**CUTTER ALTERATION REQUIRED FOR MODEL 5 DAVIS KEYSEATER (up to Ser. No. 5-1363)**

**Cutters Involved by Catalog No.**

D-4232, 4235, 4338, 4341

D-3800, 3801, 3810, 3811, 3820, 3821, 3830, 3831, 3840, 3841, 3850, 3851, 3852, 3860, 3861, 3862, 3870, 3871, 4900, 4901, 4910, 4911, 4920, 4921, 4930, 4931, 4940, 4941, 4950, 4951, 4960, 4961, 4970, 4971, 4972, 4980, 4981, 4982, 4990, 4991.