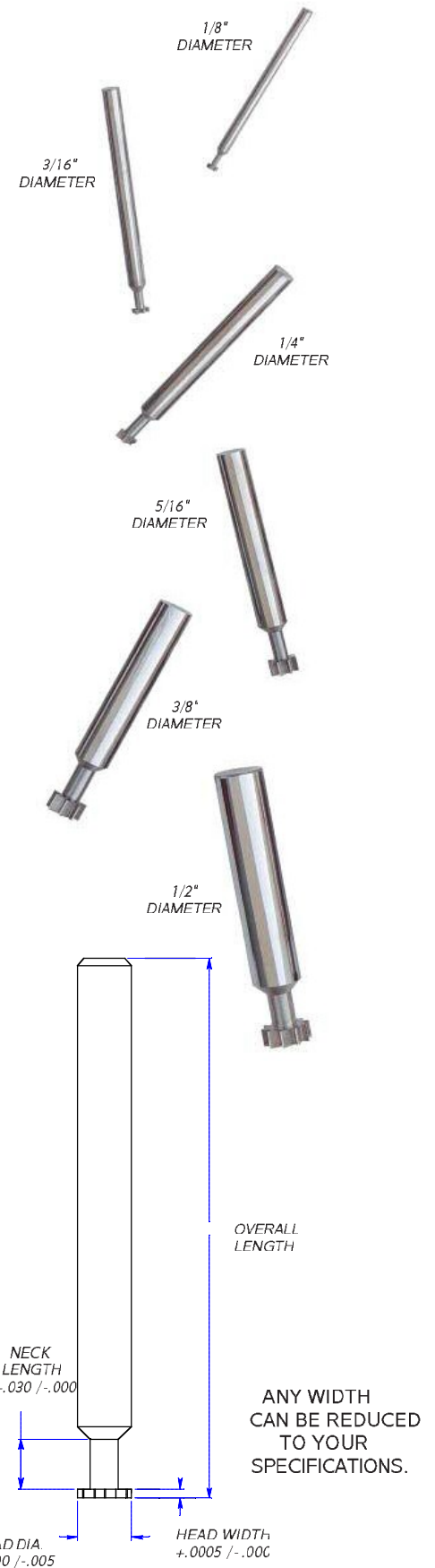


**SOLID CARBIDE KEY CUTTERS**

CUTTER DIAMETER + .000 / - .005	CUTTER WIDTH	ORDER EDP#	ALTiN COATED EDP#	NECK DIAMETER	NECK LENGTH	SHANK DIA.	# OF TEETH	OVERALL LENGTH
3/32	.010	76-0795	76-0795-C	.046	1/8	1/8	4	2"
	.015	76-0800	76-0800-C					
	.020	76-0802	76-0802-C					
	.025	76-0804	76-0804-C					
	.0312 (1/32)	76-0810	76-0810-C					
	.0394 (1 MM)	76-0812	76-0812-C					
	.0469 (3/64)	76-0815	76-0815-C					
	.0625 (1/16)	76-0820	76-0820-C					
1/8	.010	76-0825	76-0825-C	.060	1/8	1/8	6	2"
	.015	76-0900	76-0900-C					
	.020	76-0902	76-0902-C					
	.025	76-0904	76-0904-C					
	.030	76-0906	76-0906-C					
	.0312 (1/32)	76-0910	76-0910-C					
	.035	76-0912	76-0912-C					
	.0394 (1MM)	76-0914	76-0914-C					
	.0469 (3/64)	76-0920	76-0920-C					
	.050	76-0922	76-0922-C					
	.055	76-0924	76-0924-C					
	.0625 (1/16)	76-0926	76-0926-C					
5/32	.0781 (5/64)	76-0928	76-0928-C	.078	3/16	3/16	6	2-1/2
	.0938 (3/32)	76-0930	76-0930-C					
	.010	76-0932	76-0932-C					
	.015	76-0950	76-0950-C					
	.020	76-0952	76-0952-C					
	.025	76-0954	76-0954-C					
	.0312 (1/32)	76-0955	76-0955-C					
	.0394 (1MM)	76-0957	76-0957-C					
	.0469 (3/64)	76-0960	76-0960-C					
3/16	.0625 (1/16)	76-0962	76-0962-C	.094	3/16	3/16	6	2-1/2
	.0781 (5/64)	76-0963	76-0963-C					
	.0938 (3/32)	76-0964	76-0964-C					
	.010	76-0965	76-0965-C					
	.015	76-1050	76-1050-C					
	.020	76-1052	76-1052-C					
	.030	76-1054	76-1054-C					
	.0312 (1/32)	76-1055	76-1055-C					
	.0394 (1MM)	76-1057	76-1057-C					
	.040	76-1059	76-1059-C					
	.0469 (3/64)	76-1060	76-1060-C					
	.050	76-1062	76-1062-C					
	.0625 (1/16)	76-1065	76-1065-C					
	.0781 (5/64)	76-1067	76-1067-C					
1/4	.0787 (2MM)	76-1068	76-1068-C	.125	1/4	1/4	6	2-1/2
	.0934 (3/32)	76-1069	76-1069-C					
	.1250 (1/8)	76-1075	76-1075-C					
	.010	76-1095	76-1095-C					
	.015	76-1100	76-1100-C					
	.018	76-1105	76-1105-C					
	.020	76-1110	76-1110-C					
	.023	76-1115	76-1115-C					
	.025	76-1120	76-1120-C					
	.028	76-1125	76-1125-C					
	.030	76-1130	76-1130-C					
	.0312 (1/32)	76-1135	76-1135-C					

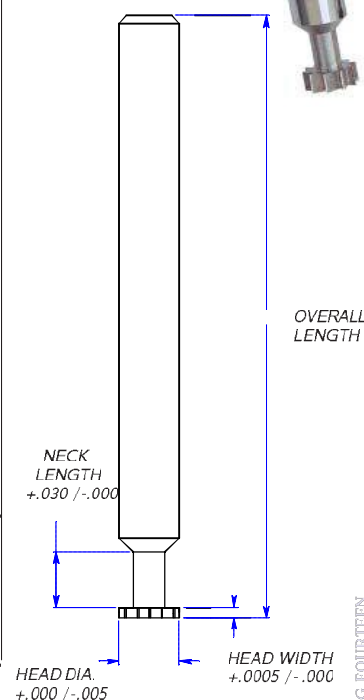


ANY WIDTH REDUCED TO YOUR SPECIFICATIONS.
SPECIALS, CORNER RADIUS, STAGGER TOOTH AND LEFT HAND AVAILABLE.

SOLID CARBIDE KEY CUTTERS

CUTTER DIAMETER	CUTTER WIDTH	ORDER EDP#	ALTIN COATED EDP#	NECK DIAMETER	NECK LENGTH	SHANK DIA.	# OF TEETH	OVERALL LENGTH
1/4 CONT.	.0350	76-1140	76-1140-C	.125	1/4	1/4	6	2-1/2
	.0380	76-1145	76-1145-C					
	.0394 (1MM)	76-1147	76-1147-C					
	.0400	76-1150	76-1150-C					
	.0469 (3/64)	76-1151	76-1151-C					
	.0500	76-1153	76-1153-C					
	.0600	76-1154	76-1154-C					
	.0625 (1/16)	76-1155	76-1155-C					
	.0781 (5/64)	76-1157	76-1157-C					
	.0787 (2MM)	76-1158	76-1158-C					
5/16	.0937 (3/32)	76-1159	76-1159-C	.150	5/16	5/16	8	2-1/2
	.0150	76-1160	76-1160-C					
	.0200	76-1165	76-1165-C					
	.0312 (1/32)	76-1170	76-1170-C					
	.0394 (1MM)	76-1172	76-1172-C					
	.0469 (3/64)	76-1175	76-1175-C					
	.0625 (1/16)	76-1180	76-1180-C					
	.0781 (5/64)	76-1182	76-1182-C					
	.0787 (2MM)	76-1184	76-1184-C					
	.0938 (3/32)	76-1185	76-1185-C					
3/8	.1250 (1/8)	76-1190	76-1190-C	.200	3/8	3/8	8	2-1/2
	.1562 (5/32)	76-1195	76-1195-C					
	.010	76-1197	76-1197-C					
	.015	76-1198	76-1198-C					
	.020	76-1199	76-1199-C					
	.0312 (1/32)	76-1200	76-1200-C					
	.0394 (1MM)	76-1202	76-1202-C					
	.0469 (3/64)	76-1205	76-1205-C					
	.0625 (1/16)	76-1210	76-1210-C					
	.0781 (5/64)	76-1212	76-1212-C					
1/2	.0787 (2MM)	76-1213	76-1213-C	.250	3/8	1/2	10	3"
	.0938 (3/32)	76-1215	76-1215-C					
	.1250 (1/8)	76-1220	76-1220-C					
	.1562 (5/32)	76-1225	76-1225-C					
	.1875 (3/16)	76-1230	76-1230-C					
	.015	76-1232	76-1232-C					
	.0312 (1/32)	76-1235	76-1235-C					
	.0394 (1MM)	76-1237	76-1237-C					
	.0468 (3/64)	76-1240	76-1240-C					
	.0625 (1/16)	76-1245	76-1245-C					
5/8	.0781 (5/64)	76-1247	76-1247-C	.300	1/2	5/8	10	3-1/2
	.0787 (2MM)	76-1248	76-1248-C					
	.0938 (3/32)	76-1250	76-1250-C					
	.1181 (3MM)	76-1252	76-1252-C					
	.1250 (1/8)	76-1255	76-1255-C					
	.1406 (9/64)	76-1257	76-1257-C					
	.1562 (5/32)	76-1260	76-1260-C					
	.1575 (4MM)	76-1262	76-1262-C					
	.1875 (3/16)	76-1265	76-1265-C					
	.1969 (5MM)	76-1267	76-1267-C					
5/8	.2344 (15/64)	76-1268	76-1268-C	.300	1/2	5/8	10	3-1/2
	.2362 (6MM)	76-1269	76-1269-C					
	.2500 (1/4)	76-1270	76-1270-C					
	.0625 (1/16)	76-1280	76-1280-C					
	.0938 (3/32)	76-1290	76-1290-C					
5/8	.1250 (1/8)	76-1300	76-1300-C	.300	1/2	5/8	10	3-1/2
	.1875 (3/16)	76-1310	76-1310-C					
	.2500 (1/4)	76-1320	76-1320-C					

ANY WIDTH CAN BE REDUCED TO YOUR SPECIFICATIONS.



KEY CUTTERS

SPEEDS AND FEEDS FOR KEY CUTTERS

MATERIAL	TYPE	SPEED SURFACE FEET PER MINUTE
PLASTIC	TEFLON	200
	NYLON	200
	PHENOLIC	180
	GLASS FILLED	150
MAGNESIUM	AZ,AM,EZ,ZE,HK	300
ALUMINUM	2021 THRU 6061	300
COPPER	101-707	100
	834-978	200
BRASS		250
BRONZE		230
CAST IRON	GRAY	180
	DUCTILE	140
	MALLEABLE	100
STEEL	1005-1029	180
	1030-1055	180
	1060-1095	170
	10L45-10L50	165
	12L13-12L15	160
	41L30-41L50	150
	4140-4150	140
	4140 (35 HRC)	130
	8617-8622	120
	M1-M6	110
	H10-H19	100
	D2-D7	90
	A2-A9, 01-07	80
	W1, W2	70
	M-50, 52100	60
TITANIUM	TI-9Al-6V	90
STAINLESS	201-385	100
	405-446	110
	15-5PH, 16-6PH, 14-4PH	120
NICKEL	NICKEL 200-230	80
MONEL		80
INCONEL		80
WASPALLOY		80
HASTELLOY		80

FORMULA FOR COMPUTING SPINDLE SPEED IS.

SURFACE FEET PER MINUTE FACTOR X 4 = ?

? DIVIDED BY DIAMETER OF CUTTER = ____ RPM

EXAMPLE CUTTING ALUMINUM
WITH A 3/4" KEY CUTTER

300 X 4 = 1200 divided by .750 = 1600 RPM

**SURFACE
FEET**

MULTIPLIER

**CUTTER
DIAMETER**

FORMULA FOR COMPUTING TABLE SPEED IS.

.001 X NUMBER OF TEETH IN CUTTER X RPM

EXAMPLE CUTTING ALUMINUM
WITH A 3/4" KEY CUTTER

.001 X 10 X 1600 = 16

MULTIPLIER

**NUMBER OF
TEETH**

RPM

INCHES PER MINUTE

NOTE: ALL SPEEDS AND FEEDS LISTED HERE ARE
PROVIDED FOR REFERENCE ONLY.