

PARTING TOOLS



TYPE	BLADE HEIGHT	INSERT TYPE	PRICE
TGB26-3S	26	TSC3	\$68
TGB32-3	32	TSC3	\$110
TGB32-4	32	TSC4	\$110
EDG-33B	KEY		\$21
INSERT (Pkt 10)	GRADE	WIDTH	PRICE
TSC3	TT8020	3	\$139
TSC4	TT8020	4	\$149



BLOCKS CODE	TOOL HEIGHT	BLADE SIZE	PRICE
(L027)	12mm	26mm	\$99
(L028)	16mm	26mm	\$99
(L029)	20mm	26mm	\$99
(L029B)	20mm	32mm	\$99
(L030)	25mm	32mm	\$99

CHASEMILL

ENDMILL



FACE MILL



TYPE	DIA	SHANK	LENGTH	INSERT	No.	PRICE
TE90AX-112-09	12	12	80	AXMT0903	1	\$257
TE90AX-216-09	16	16	90	AXMT0903	2	\$285
TE90AX-320-09	20	20	110	AXMT0903	3	\$320
TE90AX-325-09	25	20	110	AXMT0903	3	\$336
TE90AX-432-09	32	25	130	AXMT0903	4	\$357
TE90AX-540-09	40	32	130	AXMT0903	5	\$375

TYPE	DIA	BORE	INSERT	No.	PRICE
TFM90AX-650-22R-09	50	22	AXMT0903	6	\$461
TFM90AX-863-22R-09	63	22	AXMT0903	8	\$559
TFM90AX-1080-27R-09	80	27	AXMT0903	10	\$665

TYPE	DIA	BORE	INSERT	No.	PRICE
TFM90AP-550-22R-17	50	22	APKT1705	5	\$426
TFM90AP-663-22R-17	63	22	APKT1705	6	\$516
TFM90AP-780-27R-17	80	27	APKT1705	7	\$615
TFM90AP-8100-32R-17	100	32	APKT1705	8	\$680
TFM90AP-9125-40R-17	125	40	APKT1705	9	\$816
TFM90AP-10160-40R-17	160	40	APKT1705	10	\$999

Note: Inserts not included.

THREADING TOOLS EXTERNAL

TYPE	CENTRE HEIGHT	INSERT TYPE	PRICE
SER1212F16	12	16ER	\$132
SER1616H16	16	16ER	\$132
SER2020K16	20	16ER	\$147
SER2525M16	25	16ER	\$182
SER3232P16	32	16ER	\$202



THREADING DIAGRAM



THREADING INSERTS (Pkt 5)

TYPE	GRADE	l	x	y	mm	TPI	PRICE
16ERMAG55	TT9030	16.0	1.2	1.7	0.5-3.0	48-8	\$90
16ERMAG60	TT9030	16.0	1.2	1.7	0.5-3.0	48-8	\$90
16IRMAG55	TT9030	16.0	1.2	1.7	0.5-3.0	48-8	\$90
16IRMAG55	TT9030	16.0	1.2	1.7	0.5-3.0	48-8	\$90

INTERNAL

TYPE	MIN BORE	INSERT TYPE	PRICE
SIR0013M16	16	16IR	\$123
SIR0016P16	19	16IR	\$123
SIR0020P16	24	16IR	\$176
SIR0025R16	29	16IR	\$197
SIR0032S16	36	16IR	\$243

BORING BARS WITH HOLDERS

- Double-ended bars with 45° and 90° square holes
- Supplied fitted with screws and allen key
- HSS Tool bit not included with bars



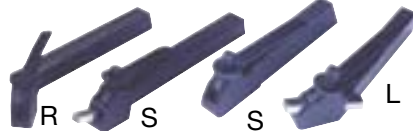
CODE	PRICE	NOM. SIZE-BAR LENGTH x DIA. Ø inches mm	NOM. SIZE-HOLDER LENGTH x SQUARE inches mm	TOOL BIT CAPACITY inches mm
(L100)	\$15	4 1/2 x 3/8 114 x 9.5	2 1/2 x 1/2 63 x 12.7	1/8 3
(L101)	\$17	5 1/4 x 7/16 133 x 11	2 1/2 x 5/8 63 x 16	3/16 4.7
(L102)	\$22	6 3/4 x 9/16 171 x 14.3	3 x 3/4 76 x 19	1/4 6.3
(L103)	\$32	9 x 3/4 228 x 19	3 3/4 x 1 95 x 25.4	5/16 8
(L104)	\$35	11 1/2 x 1 1/16 29 x 23.8	4 1/2 x 1 1/4 114 x 32	3/8 9.5

HIGH SPEED STEEL TOOLING

TURNING TOOL HOLDERS

L075 RANGE DROP-HEAD

L070 RANGE STANDARD



- Made from high grade steel
- Case-hardened and ground
- Supplied with without tool bit
- Available in straight (S), right (R) and left (L) hand shanks

CODE's	PRICE	SHANK SIZE W x H x L inches	TOOL BIT CAPACITY inches	STYLE
(L070R/L/S)	\$32	3/8 x 7/8 x 5	1/4	American
(L075R/L/S)	\$32	5/8 x 3/4 x 7 1/2	1/4	Drop Head

PARTING OFF HOLDERS: Standard

- Made to be used with HSS parting blades
- Supplied without parting blade

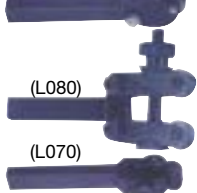


CODE	PRICE	SHANK SIZE (WIDTH x HEIGHT) inches mm	OVERALL LENGTH inches mm	BLADE (L011B) CAPACITY inches mm
(L073)	\$32	3/8 x 7/8 9.5 x 22	5 127	3/32 x 1/2 2.3 x 12.7

KNURLING TOOL HOLDERS

(L079)

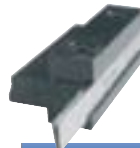
Diamond Pattern



CODE	PRICE	HOLDER SIZE (L x W x H) inches	No. of Knuckles on Head	PITCH
(L079)	\$32	4 7/8 x 5/8 x 5/8	2	Medium
(L080)	\$65	3 x 3/8 x 7/8	2	Medium
(L070)	\$65	6 1/2 x 3/8 x 7/8	6	Coarse, Med., Fine

PARTING OFF HOLDERS: Block Type

- Made to be used with HSS parting blades
- Unique extra-strong clamping power
- Can be used on both front and rear toolpost of the cross slide
- Supplied without parting blade



CODE	PRICE	HOLDER SIZE LENGTH WIDTH HEIGHT DEPTH	BLADE (L011B) CAPACITY inches
(L074)	\$49	70 34 10 16	3/32 x 1/2

HIGH SPEED STEEL BITS



1/8" sq. x 2 1/2" long	\$5	(L000B)
3/16" sq. x 2 1/2" long	\$5	(L001B)
1/4" sq. x 2 1/2" long	\$6	(L002B)
5/16" sq. x 2 1/2" long	\$6	(L003B)
3/8" sq. x 3" long	\$9	(L004B)
1/2" sq. x 4" long	\$14	(L005B)

PART OFF BLADE 5% COBALT
3/32" x 1/2" x 4" long \$23 (L011B)

6-PIECE TOOL KIT \$49.50 (L008)

10mm Brazed Tungsten Tipped suit AL-50 to AL-280P

Includes: Turning, boring, threading, parting tools

