

INDEXABLE MILLING CUTTERS

B

LATHE CHUCKS
LIVE CENTERS

VICE JAWS
VICE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

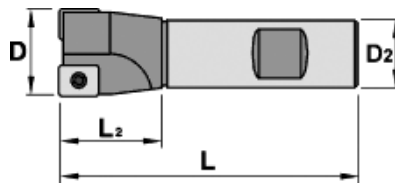
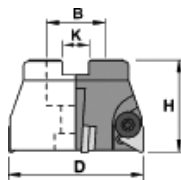
LATHE BUSHINGS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE



MILLING CUTTERS Using TP__ 22/32 Inserts

SHELL MILLS

Uses Insert	D	H	K	B	z	Reference	Part Number	Price Each	Clamp Screw	Wrench	Clamp
TP__32	1.5	1.75	0.250	0.50	3	0130.90.0150	SM-TP32-15-C	\$115.08	CA-1006	CA-5004	CA-2064
TP__32	2.0	1.75	0.312	0.75	4	0130.90.0200	SM-TP32-40-C	\$122.50			
TP__32	2.5	2.00	0.375	1.00	4	0130.90.0250	SM-TP32-25-C	\$150.18			
TP__32	3.0	2.00	0.375	1.00	5	0130.90.0300	SM-TP32-30-C	\$207.35			
TP__32	4.0	2.00	0.500	1.25	6	0130.90.0400	SM-TP32-40-C	\$265.86			

END MILLS

Uses Insert	D	D2	L	L2	z	Reference	Part Number	Price Each	Screw	Wrench	Clamp
TP__22	0.75	0.75	3.50	1.25	2	0120.21.0075	EM-TP22-75-35C	\$103.40	CA-1005	CA-5025	CA-2010
TP__22	1.00	1.00	3.50	1.25	2	0120.21.0100	EM-TP22-10-35C	\$103.40			
TP__32	1.00	1.00	3.50	1.25	2	0130.21.0100	EM-TP32-10-35C	\$103.40	CA-1016	CA-5004	CA-2064
TP__32	1.25	1.00	3.75	1.25	2	0130.21.0125	EM-TP32-12-37C	\$109.48			
TP__32	1.50	1.25	4.00	1.25	3	0130.21.0150	EM-TP32-15-40C	\$118.61			

INSERTS

		GRADE					
Inch No	Metric No	AH120	T3030	T325	NS540	TH10	UX30
TPU221	TPMN110304	-	-	-	TO-3076 \$2.25	TO-3078 \$2.25	TO-3079 \$2.25
TPU222	TPMN110308	-	-	TO-3081 \$2.94	-	TO-3083 \$2.25	TO-3084 \$2.25
TPU321	TPMN160304	TO-3085 \$4.19	TO-8023 \$4.11	TO-3087 \$4.19	-	TO-3089 \$3.21	TO-3090 \$3.21
TPU322	TPMN160308	TO-3091 \$4.19	-	TO-3093 \$4.19	TO-3097 \$3.21	TO-3095 \$3.21	TO-3096 \$3.21

INDEXABLE MILLING CUTTERS



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- FEATURES:**
- Uses APKT 1003 PDR Inserts (not included)
 - Durable and unique chrome nickel coated holder
 - Positive chip control

INDEXABLE MILLING CUTTERS

Nomenclature	Cutter Dia	Shank Dia	OAL	DOC	No. Of Flutes	Part Number	Price Each
BAAP 1216 2	3/8	1/2	3	1 1/2	1	MI-311216	\$89.34
BAAP 1616 2	1/2	1/2	3	1 1/2	1	MI-311616	\$99.85
BAAP 1816 2	5/8	1/2	3	1 1/2	2	MI-311816	\$110.36
BAAP 2424 2	3/4	3/4	4 3/8	2	3	MI-312424	\$152.40
BAAP 3224 2	1	3/4	4 3/8	2	4	MI-313224	\$162.91
BAAP 4024 2	1 1/4	3/4	4 3/8	2	5	MI-314024	\$242.78

Uses APKT 1003 PDR Inserts

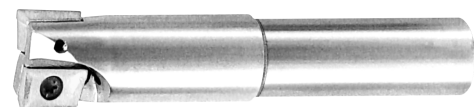
INDEXABLE COOLANT-THRU MILLING CUTTERS

Nomenclature	Cutter Dia	Shank Dia	OAL	DOC	No. Of Flutes	Part Number	Price Each
AAAP 1216 2	3/8	1/2	3	1 1/2	1	MI-301216	\$110.36
AAAP 1616 2	1/2	1/2	3	1 1/2	1	MI-301616	\$120.87
AAAP 1816 2	5/8	1/2	3	1 1/2	2	MI-301816	\$131.90
AAAP 2424 2	3/4	3/4	4 3/8	2	3	MI-302424	\$155.34
AAAP 3224 2	1	3/4	4 3/8	2	4	MI-303224	\$249.09
AAAP 4024 2	1 1/4	3/4	4 3/8	2	5	MI-304024	\$266.95

Uses APKT 1003 PDR Inserts

3 PIECE COOLANT-THRU MILLING SET

Shank Dia	Cutter Dia	No. Of Flutes	Description	Part Number	Set Price
1/2	3/8 1/2 5/8	1 1 2	Set of 3 pcs. AAAP with APKT 1003 PDR Insert, Torx Screw & Torx Key	MI-603003	\$245.00



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2010-11 Master Catalog

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