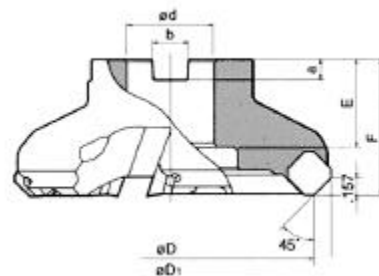


## TAD JETMILL 45



### TAD SERIES JETMILL 45 45° Lead High Positive Face Mill

- Low Cutting Forces
- High Positive Design
- Very free Cutting
- Applicable In Any Material
- Excellent Chip Control



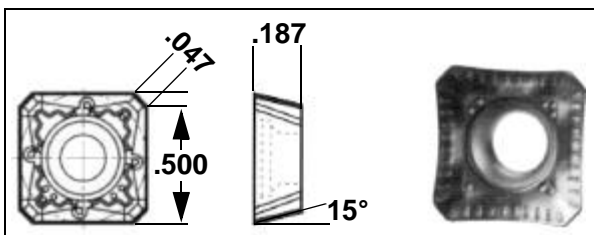
<b>Corner Angle</b>		<b>45°</b>
<b>Rake Angle</b>	Axial	+20°
	Radial	-16° ~ -10°

**B**

Reference Number	No. Of Teeth	Inside Cutting Dia	Outside Cutting Dia	Shank Dia	Dimensions (Inch)				Wt. Lbs.	Max. Rpm	Part Number	Price Each
		D (in)	D1 (in)		d (in)	E	F	a				
TAD12050RBU	4	2.000	2.539	0.750	0.750	1.563	0.197	0.315	0.9	6265	TO-TAD12050RBU	234.00
TAD12080RB	6	3.150	3.701	1.000	1.024	1.969	0.236	0.374	2.4	4177	TO-TAD12080RB	330.72
TAD12100RB	7	3.937	4.488	1.250	1.260	1.969	0.315	0.500	3.3	3132	TO-TAD12100RB	401.44
TAD12125RB	9	4.921	5.472	1.500	1.496	2.480	0.394	0.626	6	2506	TO-TAD12125RB	506.48

## INSERTS

**D**



INSERTS FOR TAD JETMILL 45				
Reference Number	Class	Grade	Part Number	Price Each
SDMT1204AFPN-MJ	M	AH120	TO-2121	\$8.16
SDMT1204AFPN-ML	M	AH120	TO-2123	\$8.49
SDGT1204AFFN-AJ	G	TH10	TO-2094	\$11.86

### REPLACEMENT PARTS

**B**

Part	TO-TAD12050RBU	TO-TAD12080RB TO-TAD12100RB TO-TAD12125RB	Price Each
Screw	TO-CSTB3.5TS	TO-CSTB3.5T	1.14
Shim Screw	-	TO-DTS5-3.5	4.46
Shim	-	TO-FSSA42	7.80
Shim Wrench	-	TO-P-3.5	0.52
Insert Wrench	TO-T-20D	TO-T-20D	7.16

### RECOMMENDED CUTTING CONDITIONS

Work Materials	Recommended Grade	Chip Breaker	Roughing		Finishing	
			sfm	ipt	sfm	ipt
Mild Steels	AH120	MJ	400~800	0.004~0.012	400~800	0.004~0.014
Alloy Steels/300HB	AH120	MJ	300~600	0.002~0.010	350~700	0.002~0.012
Stainless Steels	AH120	ML	500~750	0.004~0.010	600~825	0.004~0.012
Die Steels	AH120	MJ	300~500	0.002~0.010	300~600	0.002~0.012
Cast Irons	AH120	MJ	300~800	0.004~0.008	300~800	0.004~0.010
Super Alloys	AH120	ML	100~200	0.002~0.006	150~250	0.002~0.006
Aluminum Alloys	TH10	AJ	800~2500	0.004~0.014	1500~3300	0.002~0.008

Call Us Today For All Of Your Machine Tool Needs!



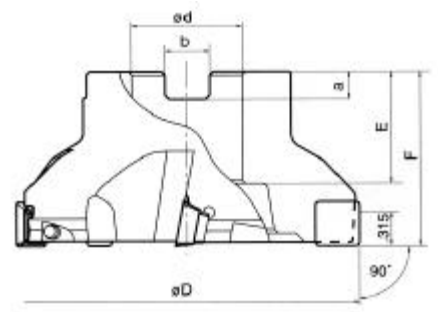
# MILLING CUTTERS

## TPD JETMILL 90



### TPD SERIES JETMILL90 90° Lead High Positive Shoulder Mill

- Low Cutting Forces
- High Positive Design
- Very free Cutting
- Applicable In Any Material
- Excellent Chip Control

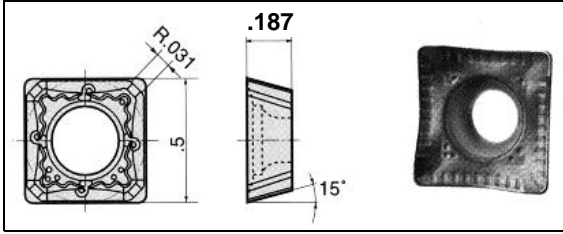


<b>Corner Angle</b>		<b>90°</b>
<b>Rake Angle</b>	Axial	+10°
	Radial	-8.5°~-3.5°

Reference Number	No. Of Teeth	Cutting Dia D (in)	Dimensions (Inch)					Wt. Lbs.	Max. Rpm	Part Number	Price Each
			d	E	F	a	b				
TPD12050RBU	4	2.000	0.750	0.750	1.563	0.197	0.315	0.6	6265	TO-TPD12050RBU	234.00
TPD12080RB	6	3.150	1.000	1.024	1.969	0.236	0.374	1.5	4177	TO-TPD12080RB	330.72
TPD12100RB	7	3.937	1.250	1.260	1.969	0.315	0.500	2.4	3132	TO-TPD12100RB	401.44
TPD12125RB	9	4.921	1.500	1.496	2.480	0.394	0.626	4.6	2506	TO-TPD12125RB	506.48

B

## INSERTS



INSERTS FOR TPD JETMILL 90				
Reference Number	Class	Grade	Part Number	Price Each
SDMT1204PDSR-MJ	M	AH120	TO-2127	\$5.52
SDMT1204PDPR-ML	M	AH120	TO-2125	\$5.52
SDGT1204PDFR-AJ	G	TH10	TO-2095	\$7.71

D

REPLACEMENT PARTS			
Part	TO-TPD12050RBU	TO-TPD12080RB TO-TPD12100R8 TO-TPD12125RB	Price Each
Screw	TO-CSTB3.5TS	TO-CSTB3.5T	1.14
Shim Screw	-	TO-DTS5-3.5	4.46
Shim	-	TO-FSSP42	7.80
Shim Wrench	-	TO-P-3.5	0.52
Insert Wrench	TO-T-20D	TO-T-20D	7.16

B

RECOMMENDED CUTTING CONDITIONS						
Work Materials	Recommended Grade	Chip Breaker	Roughing		Finishing	
			sfm	ipt	sfm	ipt
Mild Steels	AH120	ML	400~800	0.002~0.008	450~825	0.002~0.008
Alloy Steels/ 300HB	AH120	MJ	300~700	0.002~0.008	300~800	0.002~0.010
Stainless Steels	AH120	ML	300~600	0.002~0.005	300~700	0.002~0.008
Die Steels	AH120	MJ	300~500	0.002~0.008	300~600	0.002~0.008
Cast Irons	AH120	MJ	300~800	0.004~0.007	300~800	0.004~0.008
Super Alloys	AH120	ML	100~200	0.002~0.006	125~225	0.002~0.006
Aluminum Alloys	TH10	AJ	800~2500	0.004~0.014	1500~3300	0.002~0.008

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