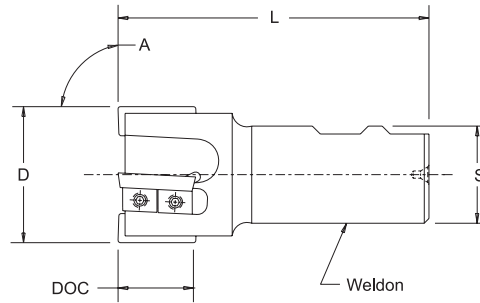


# EMX Series



## End Mills

3° Pos Axial Neg Radial 90° Shldr -to 2.00 dia  
 3° Pos Axial Pos Radial 90° Shldr -2.25 & up


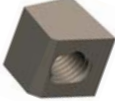




• 90° Shoulder - General Purpose Tooling

### EMX Series - Dimensional Specifications

Product Number	D	S	L	A	DOC	Insert	Teeth	Weight
1.5EMXRW5	1.50	1.25	4.00	90°	.960	FPE-343__R	3	1.25
2.0EMXRW5	2.00	1.25	4.00	90°	.960	FPE-443__R	4	1.75
2.5EMXRW5	2.50	1.25	4.00	90°	.960	FPE-443__R	4	2.25

LEFT HAND cutters also available

Insert I.C. x Thickness	Product Number				
		Insert Pg. 35	Insert Lock	Lock Screw	Lock Screw Wrench
.375 x .188	1.5EMXRW5	FPE-343__R	3502-0335-5005	1449	1557-PT6
.500 x .188	2.0EMXRW5	FPE-443__R	3502-0335-5006	1573	1557-PT8
.500 x .188	2.5EMXRW5	FPE-443__R	3502-0335-5006	1573	1557-PT8

### Machining Parameters

Material	SFPM	FPT	Primary	Secondary
Tool Steel, D2	250-350	.003-.010	FPE-__432RB GR LT-50	FPE-__432RB GR LTC-14
Ductile Cast Iron	400-800	.003-.010	FPE-__432R GR LT-40	FPE-__432R GR LTC-14
Medium Alloy Steel	300-700	.003-.010	FPE-__432RB GR LT-50	FPE-__432R GR LTC-14
Tool Steel, P20	300-700	.003-.010	FPE-__432RB GR LT-50	FPE-__432R GR LTC-14
Soft Alloy Steel	400-800	.003-.010	FPE-__432R GR LTC-10	FPE-__432R GR LTC-14
Gray Cast Iron, Class 30	200-500	.003-.010	FPE-__432R GR LTC-83	FPE-__432R GR LTC-21

- Positive/Negative geometry accommodates a variety of workpiece materials
- Engineered for balance and stability during deep peripheral or channel cuts
- True 90° shoulders can be generated using the standard FPE parallelogram insert
- The EMX design provides outstanding .960" LOC without stacked insert design mismatch
- 1.25" Weldon shanks make EMX ideal for use on all standard duty machine tools



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