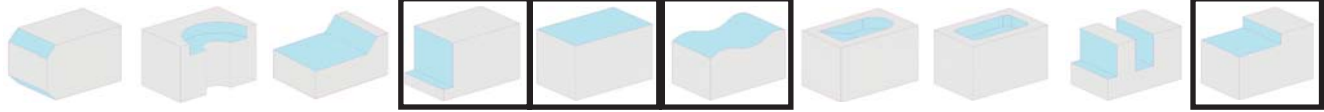


EMS Series

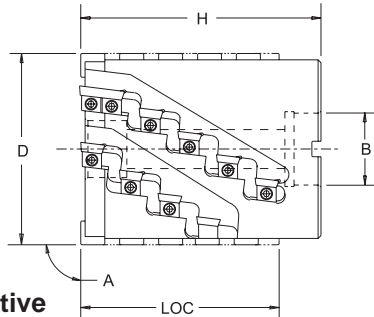


Slab Mills

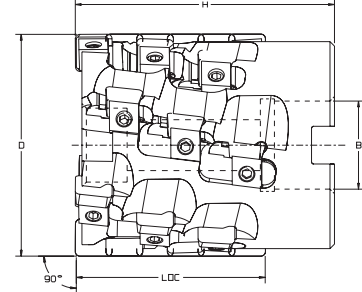
7° Pos Axial Neg Radial 0° Lead - Sta. 1
7° Pos Axial Pos Radial 0° Lead - Others



-B style full effective cut at face



Standard Slab Mill



• Engineered for Heavy Metal Removal

EMS Series - Dimensional Specifications

Product Number	D	B	H	A	LOC	Insert	Teeth	Effective Flutes	Weight
3.0-2.5EMSR5	3.00	1.25	3.50	90°	2.50	SPXV-43__ / SPE-43__	18	3	4.50
4.0-2.5EMSR6-B	4.00	1.50	3.50	90°	2.50	SPXV-43__ / SPE-43__ / FPE-443__	24	4	9.00

LEFT HAND cutters also available

Insert I.C. x Thickness	Product Number	Mounting Bolt	Insert Pg. 46	Insert Pg. 43	Insert Pg. 35	Insert Lock	Lock Screw	Lock Screw Wrench
.500 x .188	3.0-2.5EMSR5 4.0-2.5EMSR6-B	5/8-18 x 2.50 3/4-16 x 2.50	SPXV-43__	SPE-43__	FPE-4434R	3502-0935-5003	1573	1557-PT8

Machining Parameters

Material	SFPM	FPT	Primary	Secondary
Tool Steel, D2-D7	200-350	.003-.012	SPXV-432B GR LT-50	SPE-432B GR LT-50
Alloy Steel Heat Treat 44Rc	100-175	.003-.012	SPXV-432B GR LT-40	SPE-432B GR LT-40
Medium Alloy Steel	300-550	.003-.012	SPXV-432B GR LT-50	SPE-432B GR LT-50
Tool Steel, P20	300-550	.003-.012	SPXV-432B GR LT-50	SPE-432B GR LT-50
Soft Alloy Steel	350-700	.003-.012	SPXV-432B GR LT-50	SPE-432B GR LT-50
PH Type Stainless Steel 17-4, 15-5, 13-8	300-550	.003-.012	SPXV-432B GR LT-50	SPE-432B GR LTC-14
Austenitic Stainless Steel	300-850	.003-.012	SPXV-432B GR LT-50	SPE-432B GR LTC-14

- Multipurpose geometry suitable for a broad range of workpiece materials
- Excellent overall length to diameter ratio ensures necessary rigidity and stiffness
- Available in shell end mount or integral shank to accommodate most machine tools
- Inserts available in NEW PVD TiAlN coated grades 586XRm and 606jRm



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