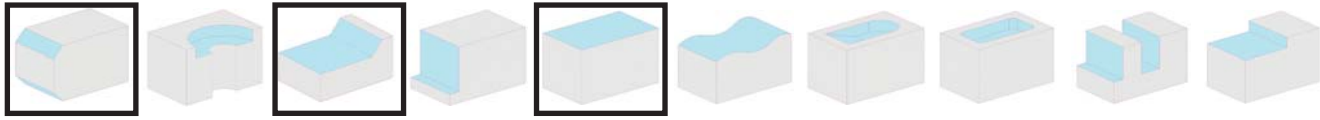
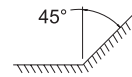
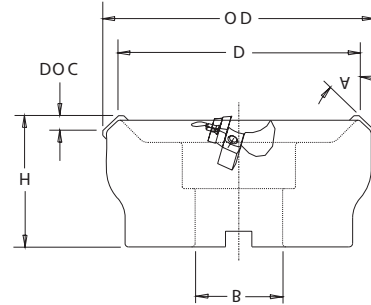


# FXS Series



## Face Mills

16° Pos Axial      Neg Radial      45° Dish



- High Performance - General Purpose Tooling

### FXS-45 Series - Dimensional Specifications

Product Number	D	OD	B	H	A	DOC	Insert	Teeth	Weight
3.00FXS45R5	3.00	3.67	1.25	2.25	45°	.310	SEC-53A5__	5	3.00
4.00FXS45R6	4.00	4.67	1.50	2.25	45°	.310	SEC-53A5__	6	4.50
5.00FXS45R6	5.00	5.67	1.50	2.25	45°	.310	SEC-53A5__	7	8.00
6.00FXS45R8	6.00	6.67	2.00	2.25	45°	.310	SEC-53A5__	7	11.00
8.00FXS45RU	8.00	9.40	2.50	2.25	45°	.310	SEC-53A5__	12	21.00

LEFT HAND cutters also available

Insert I.C. x Thickness	Insert Pg. 41	Seat	Seat Screw	Insert Lock	Lock Screw	Lock Screw Wrench
.625 x .188	SEC-53A5__	3502-1018-0001	3605-0001-0009	1570-2	1573	1557-PT8

### Machining Parameters

Material	SFPM	FPT	Primary	Secondary
PH Type Stainless Steel 17-4, 15-5, 13-8	350-850	.005-.018	SEC-53A5 GR 606jRm	SEAN-53AFTN GR 606jRm
Austenitic Stainless Steel 302, 304, 316	300-850	.003-.015	SEC-53A5 GR 586XRm	SEAN-53AFTN GR 586XRm
Alloyed Steel 4130, 4340, 5015	450-950	.005-.018	SEC-53A5 GR 606jRm	SEAN-53AFTN GR 606jRm
Carbon Steel 1018, 1020, 1215	500-1100	.005-.020	SEC-53A5 GR 606jRm	SEAN-53AFTN GR 606jRm
Nickel based Alloys A286, 718 Inconel, 625 Inconel	90-200	.005-.012	SEC-53A5 GR 586XRm	SEAN-53AFTN GR 586XRm
Titanium Alloys 3A1-2.5V, 5A1-6n-2Zr-1Mo., 6A1-4V	90-200	.005-.015	SEC-53A5 GR 586XRm	SEAN-53AFTN GR 586XRm

- Shear angle geometry allows machining of a broad range of workpiece materials
- Rugged design ensures tool integrity even during severe operations
- Non-rhythmic insert spacing counteracts harmonic vibration (chatter)
- 45° lead angle thins chip, smoothes entry and cutting action
- Designed with 5/8" IC inserts for greater DOC than JXS series
- Standard inserts available in NEW PVD TiAlN coated grades 586XRm and 606jRm



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