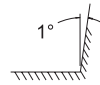
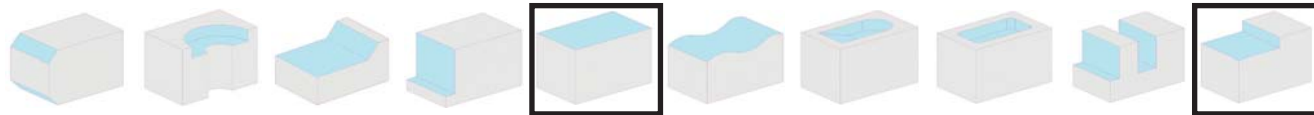
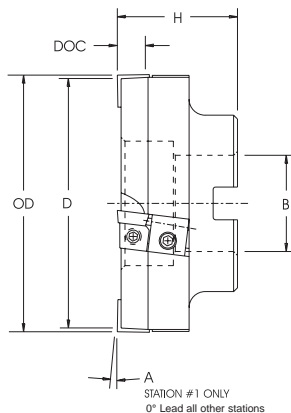
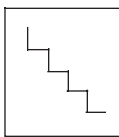


# 175 Series



## Free Cutting Geometry



7° Pos Axial  
Pos Radial  
1° Dish (Sta. 1)

• Stepped Face Mill

• Rough & Finish in one pass .150-.250 stock

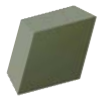
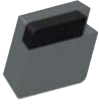
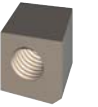




### 175 Series Dimensional Specifications

Product Number	D	OD	A	B	H	DOC	Insert	Inserts per Set	Effective Sets	Teeth	Weight
175F0300ASP4-100R	2.96	3.00	1°	1.00	1.875	.150-.250	SPC-43__	3	2	6	2.50
175F0400ASP4-150R	3.94	4.00	1°	1.50	1.875	.150-.250	SPC-43__	4	2	8	4.50
175F0500ASP4-150R	4.92	5.00	1°	1.50	1.875	.150-.250	SPC-43__	5	2	10	7.75
175F0600ASP4-150R	5.90	6.00	1°	1.50	1.875	.150-.250	SPC-43__	6	2	12	12.00
175F0800ASP4-200R	7.92	8.00	1°	2.00	1.875	.150-.250	SPC-43__	5	3	15	21.75
175F0800BSP4-200R	7.94	8.00	1°	2.00	1.875	.150-.250	SPC-43__	4	4	16	21.75

LEFT HAND cutters also available

### 175 Series Setting Specifications for Stepped Configuration Tooling

Tool	Station 1 (H)	Station 2 (H)	Station 3 (H)	Station 4 (H)	Station 5 (H)	Station 6 (H)
175F0300ASP4-100R	1.875	1.855	1.805	N/A	N/A	N/A
175F0400ASP4-150R	1.875	1.860	1.795	1.725	N/A	N/A
175F0500ASP4-150R	1.875	1.860	1.810	1.760	1.720	N/A
175F0600ASP4-150R	1.875	1.860	1.830	1.795	1.760	1.725
175F0800ASP4-200R	1.875	1.860	1.810	1.760	1.720	N/A
175F0800BSP4-200R	1.875	1.860	1.795	1.725	N/A	N/A

Insert I.C. x Thickness							
	Insert Pg. 61	Insert Pg. 51	Lock	Lock Screw	Anvoc	Lock Screw	Lock Screw Wrench
.500 x .188	SPC-43__	0502-2802-0001	1313R	1319	1314R	#8-32 x 5/8 SHCS	1557-PT8

### Machining Parameters

Material	SFPM	FPT	Primary	Secondary
Gray Cast Iron, G2500, G3000, G3500	800-4000*	.003-.025	SPC-433W630 GR LTC-1200	SPC-433W630 GR LTC-1000

\* 3600 SFPM MAX. unless really well guarded...

- Free cutting positive geometry is ideally suited for all gray cast iron materials
- Stepdex configuration generates metal removal rates up to 2 inch<sup>3</sup> per minute per unit of horsepower
- Stepdex provides excellent force and load management during overextended or weak setups
- Adjustable Anvoc allows for fine tuning the insert setting
- LOVEJOY S LTC-1200 Si<sub>3</sub>N<sub>4</sub> material operates in the advanced range machining parameters