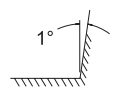
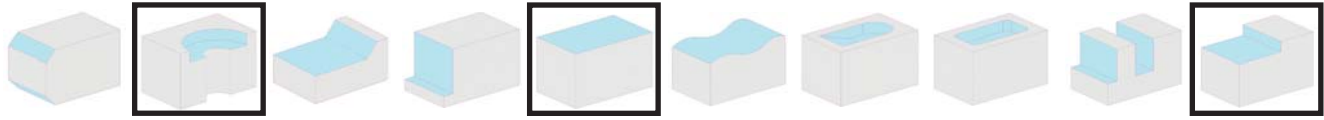
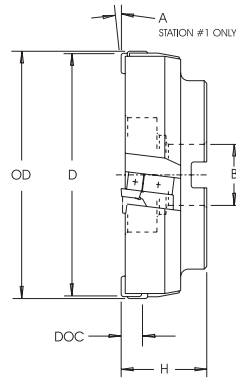
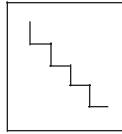


SX Series



Face Mills



7° Pos Axial
Pos Radial
A = 1° Dish (Sta. 1)
All others 0° lead

• Shurloc Anvil .188 thick inserts

SX Series - Dimensional Specifications

Product Number	D	OD	B	H	A	DOC	Insert	Teeth	Eff. Sets	Weight
3SX23R4	2.96	3.00	1.00	2.10	1°	.080-.150	SPE-43__	3	2	3.75
4SX24R6	3.94	4.00	1.50	2.10	1°	.130-.200	SPE-43__	4	2	6.25
5SX25R6	4.92	5.00	1.50	2.10	1°	.140-.220	SPE-43__	5	2	10.50
6SX26R6	5.90	6.00	1.50	2.10	1°	.150-.250	SPE-43__	6	2	15.75
8SX35R8X	7.92	8.00	2.00	2.10	1°	.150-.250	SPE-43__	5	3	28.00
8SX44R8X	7.94	8.00	2.00	2.10	1°	.150-.250	SPE-43__	4	4	28.00

LEFT HAND cutters also available

SX 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)
3SX23R4	2.100	2.080	2.030	N/A	N/A	N/A
4SX24R6	2.100	2.085	2.030	1.970	N/A	N/A
5SX25R6	2.100	2.085	2.035	1.990	1.945	N/A
6SX26R6	2.100	2.085	2.055	2.020	1.985	1.950
8SX35R8	2.100	2.085	2.035	1.990	1.945	N/A
8SX44R8	2.100	2.085	2.030	1.970	N/A	N/A

Insert I.C. x Thickness	Insert Pg. 43	Anvil	Adjusting Screw	Insert Lock	Lock Screw	Anvil Lock	Lock Screw BHCS	Lock Screw Wrench
.500 x .188	SPE-43__	1357RA 1357LA	1399	3502-0933-0031 RH 3502-0933-0032 LH	1573	1571	10-32 x 5/8	1557-PT8

Machining Parameters

Material	SFPM	FPT	Primary	Secondary
High Temp Alloy	60-100	.006-.009	SPE-432 GR 586XRm	SPE-432 GR LTC-10
Stainless Steel	400-700	.010-.018	SPE-432 GR 586XRm	SPE-432 GR LTC-10
Medium Alloy Steel	600-800	.012-.020	SPE-432 GR 606jRm	SPE-432 GR LTC-14
Mild Steel	600-1000	.015-.025	SPE-432 GR 606jRm	SPE-432 GR LTC-14
Cast Iron	500-700	.015-.025	SPE-432 GR 586XRm	SPE-432 GR LTC-21
Aluminum	2000-2400	.010-.015	SPE-432 GR 586XRm	SPE-432 GR LTC-21

- Free cutting positive geometry is ideally suited for all cast iron materials
- Stepdex configuration generates metal removal rates up to 2 inch³ per minute per unit of horsepower
- Stepdex configuration provides excellent force and load management during awkward, over extended or weak setups
- Self-locating precision anvils ensure quick accurate indexes and little down time
- LOVEJOY'S LTC-1000 operates in the advanced range machining parameters on Gray Iron