

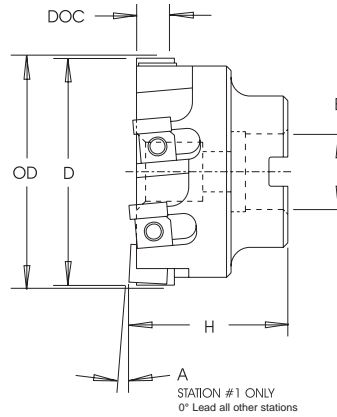
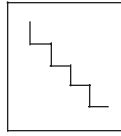
NBX Series



Strong Negative Geometry



• Stepped Face Mill



5° Neg Axial
Neg Radial
3° Dish (Sta. 1)

• Heavy Roughing applications .200-.350 stock

NBX Series - Face Mill Dimensional Specifications

Product Number	D	OD	A	B	H	DOC	Insert	Inserts per Set	Effective Sets	Teeth	Weight
4NBX24R6	3.88	4.00	3°	1.50	2.10	.200-.350	SNC-433W820	4	2	8	4.50
5NBX24R6	4.88	5.00	3°	1.50	2.10	.200-.350	SNC-433W820	4	2	8	8.00
5NBX34R6	4.88	5.00	3°	1.50	2.10	.200-.350	SNC-433W820	4	3	12	8.00
6NBX34R6	5.88	6.00	3°	1.50	2.10	.200-.350	SNC-433W820	4	3	12	12.25
8NBX44R8X	7.88	8.00	3°	2.00	2.10	.200-.350	SNC-433W820	4	4	16	23.00

LEFT HAND cutters also available

NBX Series Setting Specifications for Stepped Configuration Tooling

Tool	Station 1 (H)	Station 2 (H)	Station 3 (H)	Station 4 (H)
4NBX24R6	2.100	2.050	2.000	1.950
5NBX24R6	2.100	2.050	2.000	1.950
5NBX34R6	2.100	2.050	2.000	1.950
6NBX34R6	2.100	2.050	2.000	1.950
8NBX44R8X	2.100	2.050	2.000	1.950

Insert I.C. x Thickness	Insert Pg. 61	Lock	Lock Screw	Lock Screw Wrench
.500 x .188	SNC-433W820	3502-0935-0018 RH 3502-0935-0019 LH	1319	1557-PT8

Machining Parameters

Material	SFPM	FPT	Primary	Secondary
Gray Cast Iron G2500, G3000 and G3500	800-4000*	.003-.025	SNC-433W820 GR LTC-1200	SNC-433W820 GR LTC-1000

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

- Strong negative geometry provides superior edge strength during heavy metal removal applications
- Stepdex configuration generates metal removal rates up to 2 inch³ per minute per unit of horsepower
- Stepdex provides excellent force and load management for overextended or weak setups
- LOVEJOY'S LTC-1200 Si₃N₄ (silicon nitride) material provides extraordinary tool life
- LOVEJOY'S LTC-1200 Si₃N₄ material operates in the advanced range machining parameters
- A possible 8 Cutting edges can be obtained

