

LX-Series

Features and Benefits

1. Simple design

Requires relatively few pocket components, while providing a durable product for optimum performance.

2. Easy indexing

Provides more "up" time as no complicated adjustments or expensive setting fixtures are required; additionally, the unique Lindsay pin-lock nest maintains the insert in the pocket instead of the chip pan during the indexing process.

3. Extra-deep chip gullets

Allow maximum chip flow for maximum productivity.

4. Utilizes the popular 80° diamond insert

The LX-Series bridges the gap between milling and turning departments allowing both departments to standardize on one insert shape — the 80° diamond.

5. Multi-geometries

The LX-Series accepts all ANSI standard 80° diamond inserts of the appropriate I.C. (size). This includes a broad selection of negative and positive rake configurations. The LX-Series Milling Cutter allows you to apply one cutter to a vast number of materials and part configurations. We believe the LX-Series Cutters are the most versatile on the market today!

6. Hardened wear-plates

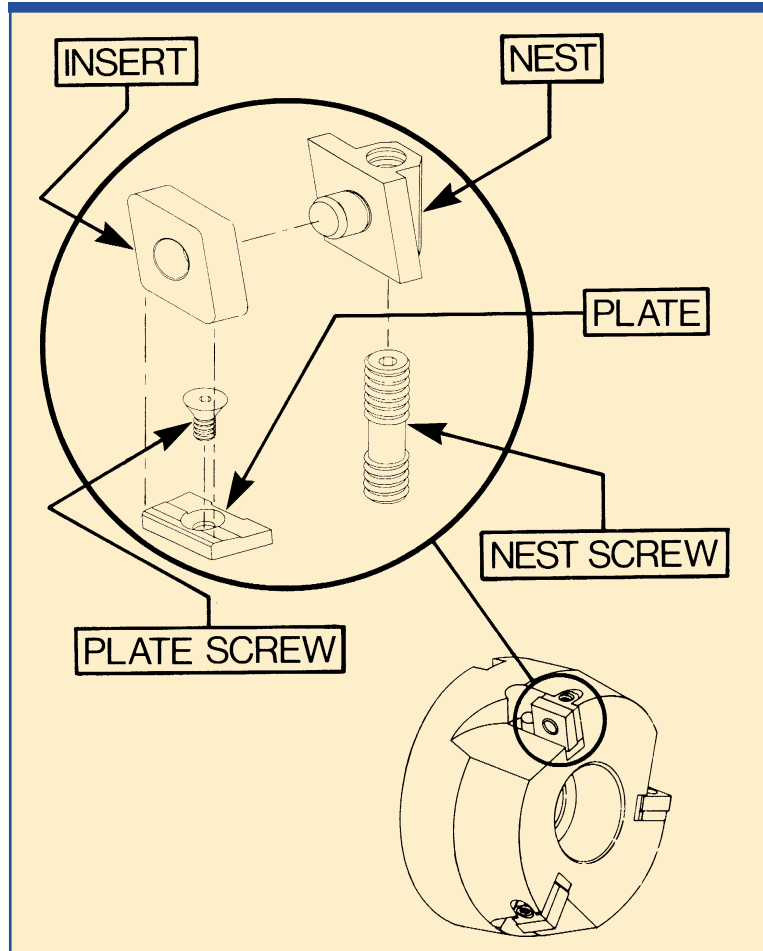
Usually overlooked by our competitors, these provide a key element to the longevity of the LX-Series Milling Cutter. The constant peening action of carbide against steel during a milling cutter operation deteriorates the locating area and lock-up abilities in most designs. However, in the LX-Series, the replaceable hardened wear plates eliminate body peening and actually enhance insert lock up and location.

7. Maximum insert face available for cut

A quick study of the products on the market today clearly reveals the lack of insert face available for heavy cuts and chip flows. In the LX-Series, however, nearly 90% of the insert is available for chip flow as well as the cut itself.

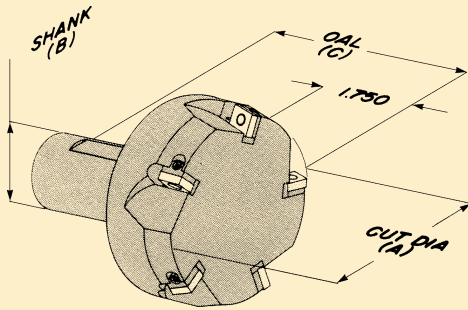
8. Indexable nests

Reduce the quantity of backup hardware necessary to support the LX-Series Cutter, as well as providing the machine operator "on the spot" repair capability for minor nest damage.



LX-Series

Integral Weldon Shank Milling Cutters



Cutter Diameter (A)	Lead Angle	Catalog Number	Insert I.C.	# of Inserts	Shank (B)	OAL (C)
1.5**	0-deg	LX-ISR-1.5-CN4-0-3(2)	1/2"	2	3/4"	3.78"
	15-deg	LX-ISR-1.5-CN4-15-3(2)				
2"	0-deg	LX-ISR-2-CN4-0-3(3)	1/2"	3	3/4"	3.78"
	15-deg	LX-ISR-2-CN4-15-3(3)				
2**	0-deg	LX-ISR-2-CN4-0-3(5)	1/2"	5	3/4"	3.78"
	15-deg	LX-ISR-2-CN4-15-3(5)				
3"	0-deg	LX-ISR-3-CN4-0-5(5)	1/2"	5	1 1/4"	4.00"
	15-deg	LX-ISR-3-CN4-15-5(5)				

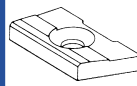
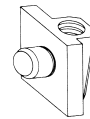


Plate
PT4



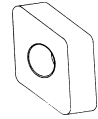
Plate Screw
PS4



Nest
0° – CN-43LX-OR
15° – CN-43LX-OL

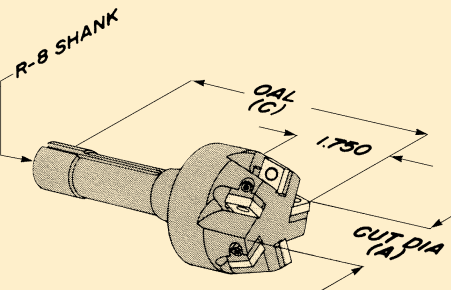


Nest Screw
NS4



Insert
CNMG-432

Integral R8 Shank Milling Cutters



Cutter Diameter (A)	Lead Angle	Catalog Number	Insert I.C.	# of Inserts	Shank	OAL (C)
2"	0-deg	LX-ISR-2-CN4-0-B(3)	1/2"	3	R8	5.78"
	15	LX-ISR-2-CN4-15-B(3)				
2**	0-deg	LX-ISR-2-CN4-0-B(5)	1/2"	5	R8	5.78"
	15	LX-ISR-2-CN4-15-B(5)				

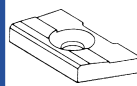
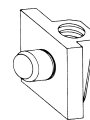


Plate
PT4



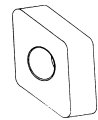
Plate Screw
PS4



Nest
0° – CN-43LX-OR
15° – CN-43LX-OL



Nest Screw
NS4



Insert
CNMG-432

* No plates or plate screws with this item

Note: To order left hand cutter, change catalog no. by changing 'R' (fifth digit) to 'L'.

• Designed for heavy cut operations

LX-Series

Shell Mills

Milling Cutters w/ 1/2" I.C. Inserts

Cutter Diameter (A)	Lead Angle	Catalog Number	Insert I.C.	# of Inserts	Bore (B)	Drive Slot (c)
3"	0-deg	LX-SNR-3-CN4-0-4(5)	1/2"	5	1.00"	3/8"
	15-deg	LX-SNR-3-CN4-15-4(5)				
4"	0-deg	LX-SNR-4-CN4-0-5(5)	1/2"	5	1.25"	1/2"
	15-deg	LX-SNR-4-CN4-15-5(5)				
5"	0-deg	LX-SNR-5-CN4-0-6(6)	1/2"	6	1.50"	5/8"
	15-deg	LX-SNR-5-CN4-15-6(6)				
6"	0-deg	LX-SNR-6-CN4-0-8(8)	1/2"	8	2.00"	3/4"
	15-deg	LX-SNR-6-CN4-15-8(8)				
8"	0-deg	LX-SNR-8-CN4-0-10(10)	1/2"	10	2.50"	1.00"
	15-deg	LX-SNR-8-CN4-15-10(10)				
10"	0-deg	LX-SNR-10-CN4-0-12(12)	1/2"	12	2.50"	1.00"
	15-deg	LX-SNR-10-CN4-15-12(12)				

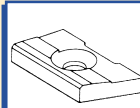
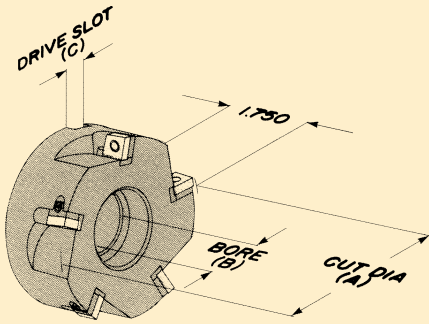
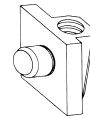


Plate
PT4



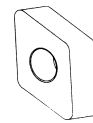
Plate Screw
PS4



Nest
0° – CN-43LX-OR
15° – CN-43LX-OL



Nest Screw
NS4



Insert
CNMG-432

Milling Cutters w/ 3/4" I.C. Inserts

Cutter Diameter (A)	Lead Angle	Catalog Number	Insert I.C.	# of Inserts	Bore (B)	Drive Slot (c)
4"	0-deg	LX-SNR-4-CN6-0-5(5)	3/4"	5	1.25"	1/2"
	15-deg	LX-SNR-4-CN6-15-5(5)				
5"	0-deg	LX-SNR-5-CN6-0-6(6)	3/4"	6	1.50"	5/8"
	15-deg	LX-SNR-5-CN6-15-6(6)				
6"	0-deg	LX-SNR-6-CN6-0-8(8)	3/4"	8	2.00"	3/4"
	15-deg	LX-SNR-6-CN6-15-8(8)				
8"	0-deg	LX-SNR-8-CN6-0-10(10)	3/4"	10	2.50"	1.00"
	15-deg	LX-SNR-8-CN6-15-10(10)				
10"	0-deg	LX-SNR-10-CN6-0-12(12)	3/4"	12	2.50"	1.00"
	15-deg	LX-SNR-10-CN6-15-12(12)				

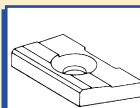
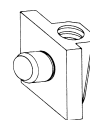


Plate
PT6



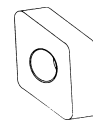
Plate Screw
PS6



Nest
0° – CN-64LX-OR
15° – CN-64LX-OL



Nest Screw
NS6



Insert
CNMG-643

• Designed for heavy cut operations

