

Holders

- Inch (.500" and .625")
- Metric (12mm and 16mm)

Inserts

- CNMG33x (Pressed to Size)
- CNGG33x (Peripheral Ground)
- Refer to website & catalog for more than 100 inserts to choose from

Features

- Double sided insert for economy
- Holders provide convenient, fast insert changes
- "Hook lever" design provides very stable, multidirectional clamping



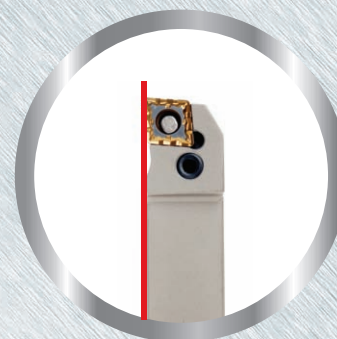
Swiss-Turn Holder For Small Component Machining

Ingersoll is pleased to introduce Gold-Rhino™ swiss-turn holders. These holders allow our new, economical double-sided 3/8" IC inserts to be utilized in small, precision component applications.

Gold-Rhino
Standard Holder



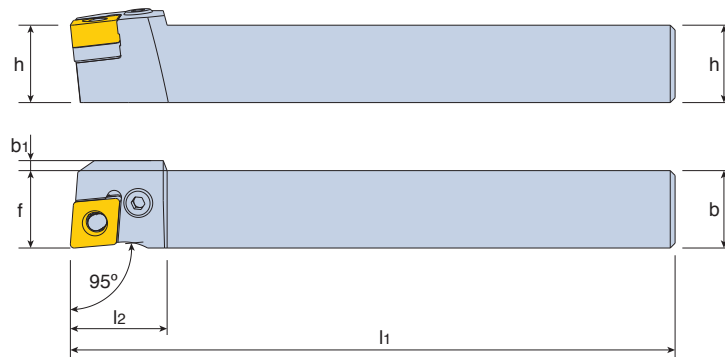
Gold-Rhino
Swiss-Turn Holder



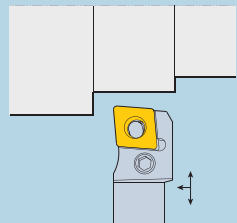
The HCLNR/L style holders feature an in-line design, and utilize a very stable, "hook lever" clamping system that provides excellent rigidity. The result is reduced vibration during machining, extended tool life of the insert and outstanding performance.

**NEW
PRODUCT
ANNOUNCEMENT
•2014•**

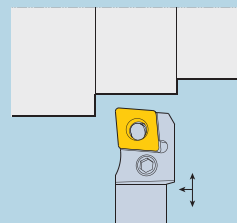
HCLNR/L-R



Inch Holders

Designation		Dimension (inch)								Insert
		R	L	h	b	b1	l1	l2	f	
	HCLNR/L 08-33C-SH	•	•	.500	.500	.079	5.0	.709	.500	CNMG 33 ☐ CNGG 33 ☐
	HCLNR/L 10-33C-SH	•	•	.625	.625	-	5.0	.787	.625	

Metric Holders

Designation		Dimension (mm)								Insert
		R	L	h	b	b1	l1	l2	f	
	HCLNR/L 1212K0904-RS	•	•	12	12	2	125	18	12	CNMG 33 ☐ CNGG 33 ☐
	HCLNR/L 1616K0904-RS	•	•	16	16	-	125	20	16	

Spare Parts

Designation	Components					
	Lever	Screw	Shim	Shim Pin	Snap Ring	Wrench
HCLNR/L 08-33C-SH						
HCLNR/L 1212K0904-RS						
HCLNR/L 10-33C-SH						
HCLNR/L 1616K0904-RS						