

**NEW**

Member IMC Group  
**Ingersoll**  
Cutting Tools

**RHINO•TURN**

EXTERNAL HOLDERS FOR SWISS-TYPE LATHES

**EXTERNAL HOLDERS WITH DOUBLE-SIDED INSERTS  
FOR SWISS-TYPE AUTOMATIC LATHES**

- Sleeve and external type holders •*
- Screw clamping •*
- Excellent chip evacuation •*
- Improved tool life and machining stability •*
- Wide range of applications •*



## **Product Overview**

The new external turning holders are compatible with **RhinoTurn** inserts for Swiss-type automatic lathes.

For Swiss-type automatic lathes, hook-lever type holders for conventional double-sided **RhinoTurn** inserts come as the only option in the miniature machining market. Now we offer sleeve holders and clamping holders with screw clamping for external machining, that generate higher precision and clamping force for Swiss-turn machining. The newly added holders (sleeve and square shank holders) are fitted with double-sided **RhinoTurn** inserts, with twice the number of corners compared to holders for ISO positive inserts.

The new **sleeve holders** can be mounted to the rear tool post for complex geometry applications in external machining. Available as **T-Burst** standard items and in several shank sizes, the new line accommodates all Swiss-type automatic lathes.

**Holders with square shank** are available for C, D, T and V type inserts to meet the demands of a variety of applications. Available in three shank sizes - 12, 16 and 20 mm - the external clamping holders are suited for Swiss turning. The external clamping holders are also available as standard **T-Burst** items to cover the widest range of Swiss turning applications.

## **Technical Features & Advantages**

### **Sleeve holders with screw-type clamping**

- Holders for D type inserts mount to the rear tool post
- Eliminates the shortage of tool posts when machining complex geometries
- T-Burst holders enable excellent chip evacuation, improved tool life and machining stability
- Available in all shank sizes for Swiss-type automatic lathes

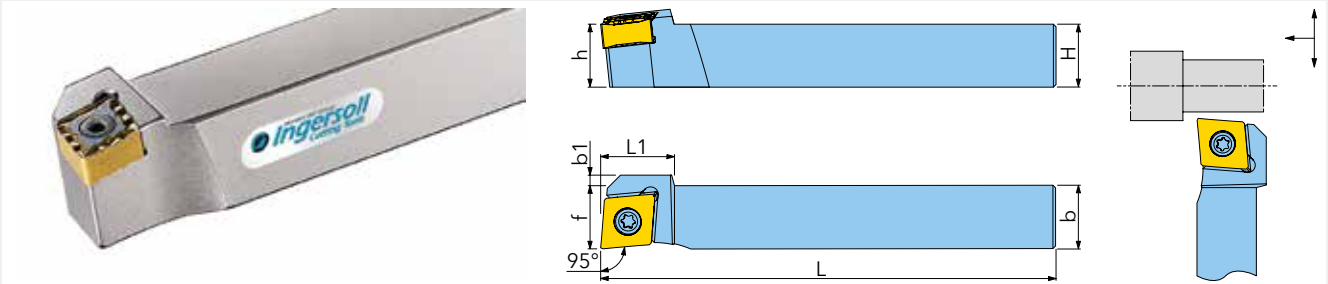
### **Square shank holders with screw-type clamping**



- Four holders for C, D, T and V type inserts are available to meet the wide range of applications
- Available in three shank sizes to suit all Swiss-type lathes: 12, 16 and 20 mm
- T-Burst holders enable excellent chip evacuation, improved tool life and machining stability



# RHINO•TURN SCLNR-RS

HOLDER WITH SCREW-TYPE CLAMPING  
FOR NEGATIVE 80° INSERTS CN\_ 0904\_

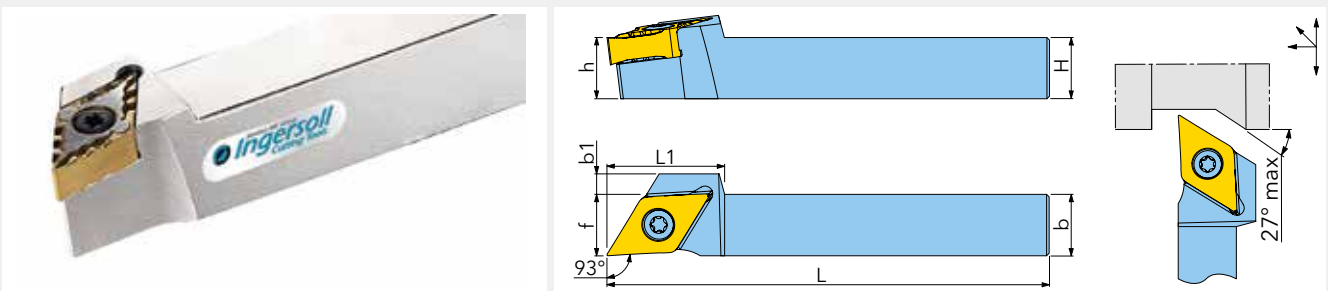


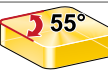

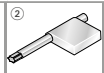
Designation	L	L1	H	f	h	b	b1	kg			
SCLNR 1212 K0904-RS	125	14	12	12	12	12	2	0,165	CN_G 0904_	TS 35083I/HG	T 10
SCLNR 1616 K0904-RS	125	14	16	16	16	16	-	0,270	CN_G 0904_	TS 35083I/HG	T 10
SCLNR 2020 K0904-RS	125	14	20	20	20	20	-	0,410	CN_G 0904_	TS 35083I/HG	T 10

① = insert screw ② = wrench

# RHINO•TURN SDJNR-RS

HOLDER WITH SCREW-TYPE CLAMPING  
FOR NEGATIVE 55° INSERTS DN\_ 1305\_

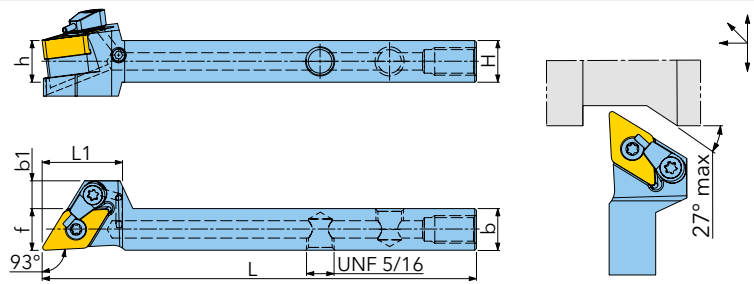


Designation	L	L1	H	f	h	b	b1	kg			
SDJNR 1212 K1305-RS	125	23	12	12	12	12	4	0,165	DN_G 1305_	TS 40G110I	T 15
SDJNR 1616 K1305-RS	125	23	16	16	16	16	-	0,270	DN_G 1305_	TS 40G110I	T 15
SDJNR 2020 K1305-RS	125	23	20	20	20	20	-	0,400	DN_G 1305_	TS 40G110I	T 15



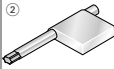



① = insert screw ② = wrench

# TOBURST SDJNR-RS-TB

HOLDER WITH SCREW-TYPE CLAMPING AND INTERNAL COOLANT FOR NEGATIVE 55° INSERTS DN\_ 1305\_



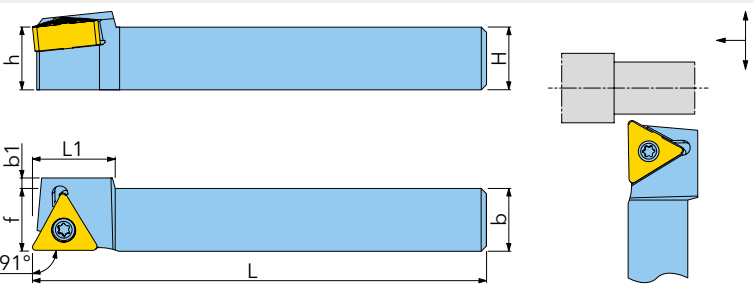
Designation	L	L1	H	f	h	b	b1	kg	IK
SDJNR 1212 K1305-RS-TB	125	23	12	12	12	12	8	0,175	✓
SDJNR 1616 K1305-RS-TB	125	23	16	16	16	16	4	0,270	✓


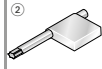
Designation						
SDJNR 1212 K1305-RS-TB	DN_G 1305_	TS 40G110I	T 15	S-CU-TB	PLG 5/16 UNF	L-W 5/32
SDJNR 1616 K1305-RS-TB	DN_G 1305_	TS 40G110I	T 15	S-CU-TB	PLG 5/16 UNF	L-W 5/32

① = insert screw ② = wrench ③ = cooling nozzle ④ = plug ⑤ = wrench

# RHINO TURN STGNR-RS

HOLDER WITH SCREW-TYPE CLAMPING FOR NEGATIVE 60° INSERTS TN\_ 1304\_

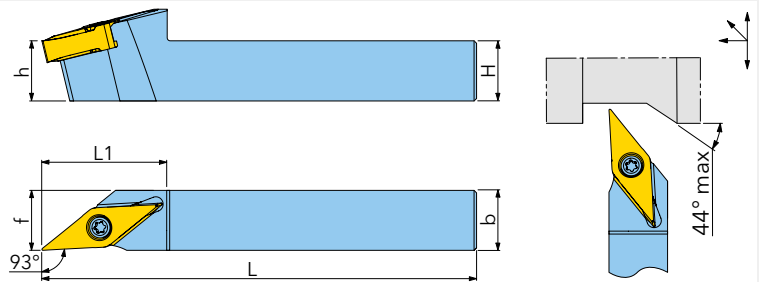


Designation	L	L1	H	f	h	b	b1	kg			
STGNR 1212 K1304-RS	125	16	12	12	12	12	2	0,165	TN_G 1304_	TS 30080I/HG	T 9
STGNR 1616 K1304-RS	125	16	16	16	16	16	-	0,270	TN_G 1304_	TS 30080I/HG	T 9
STGNR 2020 K1304-RS	125	16	20	20	20	20	-	0,415	TN_G 1304_	TS 30080I/HG	T 9

① = insert screw ② = wrench

# RHINO TURN SVJNR-RS

HOLDER WITH SCREW-TYPE CLAMPING  
FOR NEGATIVE 35° INSERTS VN\_X 1304\_

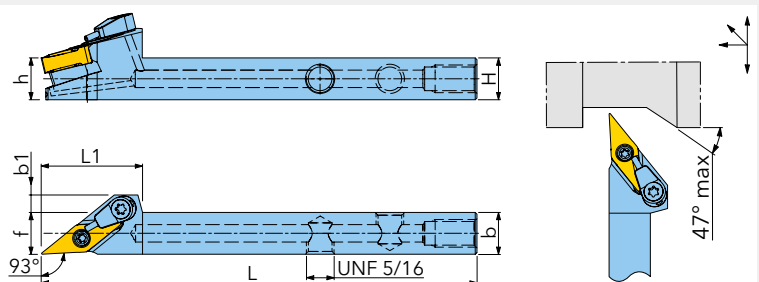


Designation	L	L1	H	f	h	b	kg			
SVJNR 1212 K1304-RS	125	25	12	12	12	12	0,155	VN_X 1304_	TS 30080I/HG	T 9
SVJNR 1616 K1304-RS	125	25	16	16	16	16	0,255	VN_X 1304_	TS 30080I/HG	T 9
SVJNR 2020 K1304-RS	125	25	20	20	20	20	0,375	VN_X 1304_	TS 30080I/HG	T 9

① = insert screw ② = wrench

# TOBURST SVJNR-RS-TB

HOLDER WITH SCREW-TYPE CLAMPING AND INTERNAL COOLANT  
FOR NEGATIVE 35° INSERTS VN\_X 1304\_



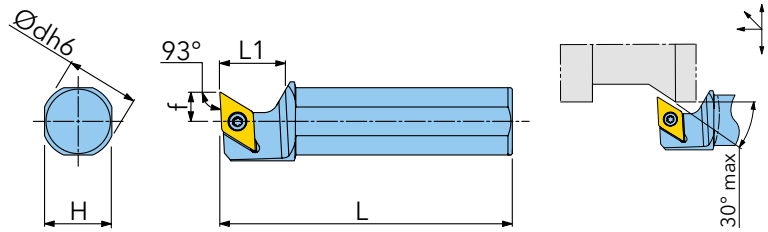
Designation	L	L1	H	f	h	b	b1	kg	IK
SVJNR 1212 K1304-RS-TB	125	29	12	12	12	12	5	0,160	✓
SVJNR 1616 K1304-RS-TB	125	29	16	16	16	16	1	0,255	✓

Designation						
SVJNR 1212 K1304-RS-TB	VN_X 1304_	TS 30080I/HG	T 9	S-CU-TB	PLG 5/16 UNF	L-W 5/32
SVJNR 1616 K1304-RS-TB	VN_X 1304_	TS 30080I/HG	T 9	S-CU-TB	PLG 5/16 UNF	L-W 5/32

① = insert screw ② = wrench ③ = coolant nozzle ④ = plug ⑤ = wrench

# RHINO TURN TMS-SDUNL

HOLDERS WITH SCREW-TYPE CLAMPING FOR SLEEVE ADAPPTIONS  
FOR POSITIVE 55° INSERTS DC\_ 1305\_

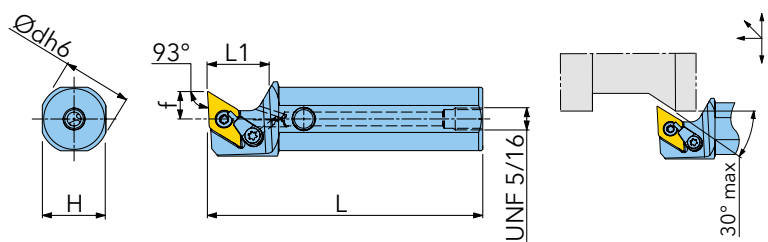


Designation	dh6	L	L1	H	f	kg			
TMS-16X SDUNL 1305	16	85	22	15	10	0,160	DN_G 1305_	TS 40G110I	T 15
TMS-19.05H SDUNL 1305	19,05	100	22	17	10	0,255	DN_G 1305_	TS 40G110I	T 15
TMS-20H SDUNL 1305	20	100	22	18	10	0,240	DN_G 1305_	TS 40G110I	T 15
TMS-22H SDUNL 1305	22	100	22	20	10	0,280	DN_G 1305_	TS 40G110I	T 15
TMS-25H SDUNL 1305	25	100	22	23	10	0,345	DN_G 1305_	TS 40G110I	T 15

① = inscrew screw ② = wrench

# TOBURST TMS-SDUNL-TB

HOLDERS WITH SCREW-TYPE CLAMPING AND INTERNAL COOLANT FOR SLEEVE ADAPPTIONS  
FOR POSITIVE 55° INSERTS DC\_ 1305\_



Designation	dh6	L	L1	H	f	kg							
TMS-25H SDUNL 1305-TB	25	100	22	23	10	0,355	✓	DN_G 1305_	TS 40G110I	T 15	S-CU-TB	PLG 5/16 UNF	L-W 5/32

① = insert screw ② = wrench ③ = coolant nozzle ④ = plug ⑤ = wrench

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