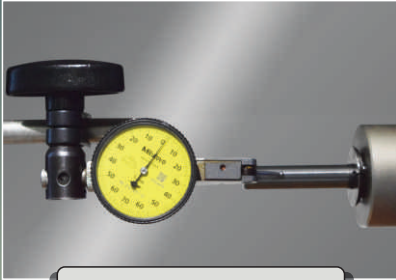




NARITAA



Runout Accuracy $\leq 3\mu\text{m}$ at 2.5 D or max. 50 mm in length



Extremely fast tool changing with a turn of 'T' wrench



Our Hydraulic Holders are Gel filled



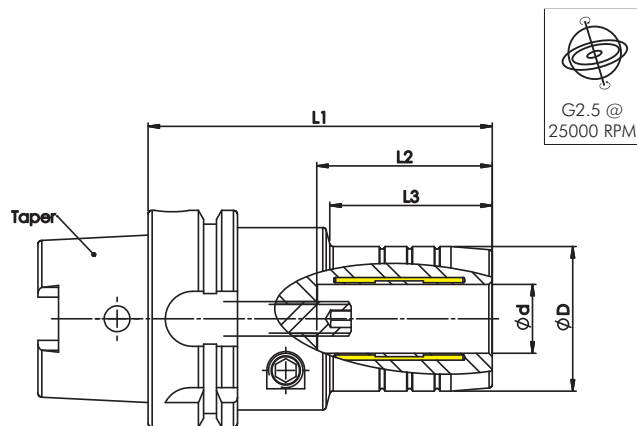
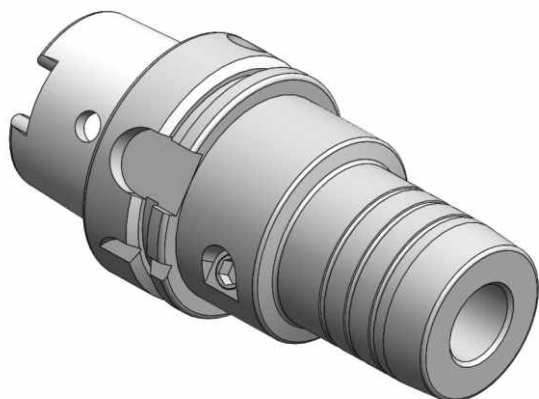
SERVICE AFTER SALES AVAILABLE



HydNar™

HYDRAULIC CLAMPING TOOL HOLDERS

HSK-A Hydraulic Clamping Tool Holders - HydNar



Taper	Ordering Code	d	D	L1	L2	L3	Wt. in Kgs.
HSK A50	511.050.38.06.70	6	26	70	37	23	0.6
	511.050.38.08.70	8	28	70	37	24	0.6
	511.050.38.10.80	10	30	80	41	30	0.7
	511.050.38.12.85	12	32	85	46	40	0.7
	511.050.38.14.90	14	34	90	46	40	0.8
	511.050.38.16.90	16	38	90	49	28	0.8
	511.050.38.20.100	20	42	100	51	28	1
HSK A63	511.063.38.06.70	6	26	70	37	23	1
	511.063.38.08.70	8	28	70	37	24	1.0
	511.063.38.10.80	10	30	80	41	30	1.1
	511.063.38.12.85	12	32	85	46	40	1.1
	511.063.38.14.90	14	34	90	46	40	1.1
	511.063.38.16.90	16	38	90	49	28	1.2
	511.063.38.20.100	20	42	100	51	28	1.4
	511.063.38.25.110	25	58	110	57	50	1.8
HSK A100	511.100.38.32.110	32	60	110	61	-	1.9
	511.100.38.06.75	6	26	75	37	23	2.5
	511.100.38.08.75	8	28	75	37	24	2.5
	511.100.38.10.90	10	30	90	41	30	2.8
	511.100.38.12.95	12	32	95	46	40	2.7
	511.100.38.14.95	14	34	95	46	40	2.7
	511.100.38.16.100	16	38	100	49	45	3.0
	511.100.38.20.105	20	42	105	51	43	3
	511.100.38.25.110	25	58	110	57	50	3.7
512.100.38.32.110	32	64	110	61	60	3.7	

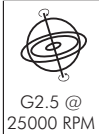
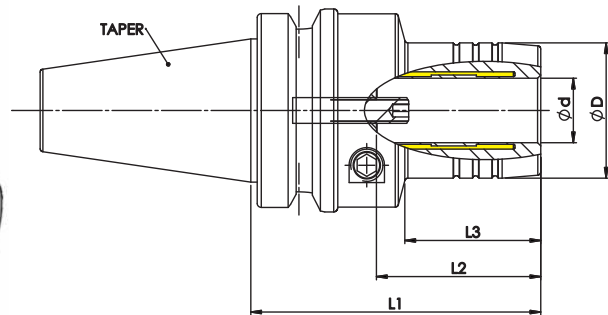
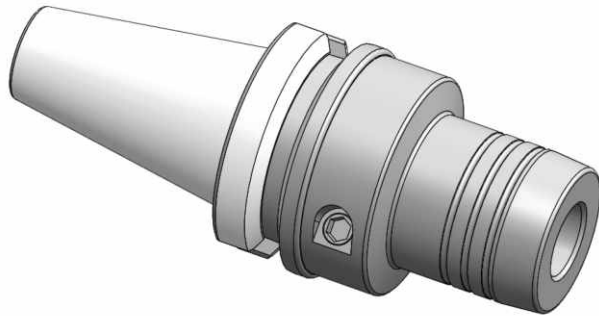
Accessories



Note : DIN 69893-1 HSK Form-B,C,D,E,F, Tool Holders are Available on Request
Special Designs and Sizes are Available on Request

BT MAS 403 (JIS B 6339)
Hydraulic Clamping Tool Holders - HydNar

Form -AD



Taper	Ordering Code	d	D	L1	L2	L3	Wt. in Kgs.
BT 30	512.030.38.06.70	6	26	70	37	23	0.7
	512.030.38.08.70	8	28	70	37	24	0.7
	512.030.38.10.80	10	30	80	41	30	0.7
	512.030.38.12.85	12	32	85	46	40	0.7
	512.030.38.14.90	14	34	90	46	40	0.8
	512.030.38.16.90	16	38	90	49	28	0.9
	512.030.38.20.100	20	42	100	51	28	0.9
BT 40	512.040.38.06.70	6	26	70	37	23	1.3
	512.040.38.08.70	8	28	70	37	24	1.3
	512.040.38.10.80	10	30	80	41	30	1.4
	512.040.38.12.85	12	32	85	46	40	1.5
	512.040.38.14.90	14	34	90	46	40	1.5
	512.040.38.16.90	16	38	90	49	28	1.7
	512.040.38.20.100	20	42	100	51	28	1.7
	512.040.38.25.110	25	58	110	57	50	2.2
512.040.38.32.110	32	60	110	61	-	2.3	
BT 50	512.050.38.06.75	6	26	75	37	23	4.1
	512.050.38.08.75	8	28	75	37	24	4.1
	512.050.38.10.90	10	30	90	41	30	4.2
	512.050.38.12.95	12	32	95	46	40	4.1
	512.050.38.14.95	14	34	95	46	40	4.1
	512.050.38.16.100	16	38	100	49	45	4.3
	512.050.38.20.105	20	42	105	51	43	4.6
	512.050.38.25.110	25	58	110	57	50	5.0
	512.050.38.32.110	32	64	110	61	60	5.1

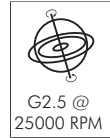
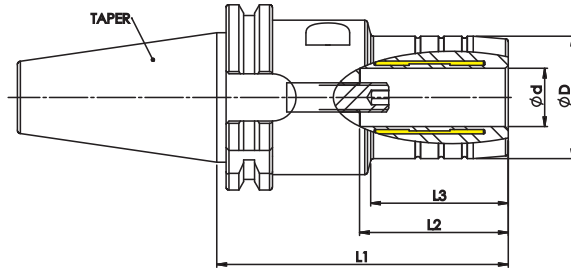
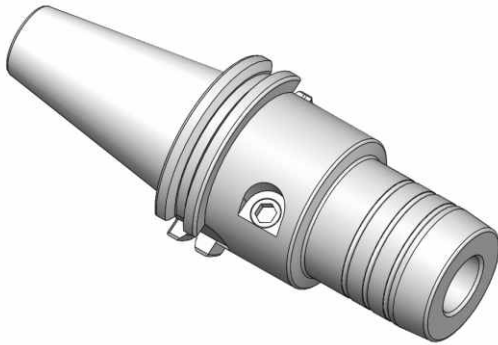
Accessories


HydNar Sleeve

Note : Flange through Coolant Available on Request
Special Designs and Sizes are Available on Request

SK (DIN 69871)

Hydraulic Clamping Tool Holders



Taper	Ordering Code	d	D	L1	L2	L3	Wt. in Kgs.
SK 40	513.040.38.06.70	6	26	70	37	23	1.3
	513.040.38.08.70	8	28	70	37	24	1.3
	513.040.38.10.80	10	30	80	41	30	1.4
	513.040.38.12.85	12	32	85	46	40	1.5
	513.040.38.14.90	14	34	90	46	40	1.5
	513.040.38.16.90	16	38	90	49	28	1.7
	513.040.38.20.100	20	42	100	51	28	1.7
	513.040.38.25.110	25	58	110	57	50	2.2
	513.040.38.32.110	32	60	110	61	23	2.3
SK 50	513.050.38.06.75	6	26	75	37	24	4.1
	513.050.38.08.75	8	28	75	37	30	4.1
	513.050.38.10.90	10	30	90	41	40	4.2
	513.050.38.12.95	12	32	95	46	40	4.1
	513.050.38.14.95	14	34	95	46	45	4.1
	513.050.38.16.100	16	38	100	49	43	4.3
	513.050.38.20.105	20	42	105	51	50	4.6
	513.050.38.25.110	25	58	110	57	60	5.0
	513.050.38.32.110	32	64	110	61		5.1

Note : Flange through Coolant Available on Request
Special Designs and Sizes are Available on Request

Cautions :

- 1) Cutting tools should be checked for any damages before inserting in the holder
- 2) Cutting Tools to be inserted should have shank tolerance of h6.
- 3) Parallel shank should be in cylindrical form instead of Weldon type (Flat Type).
- 4) Don't tighten the clamping screw without inserting the cutting tool in tool holder.

Accessories



HydNar Sleeve

HydNar Sleeve



ID	12	20	25	32
3	HGS 12-3	HGS 20-3	HGS 25-3	HGS 32-3
4	HGS 12-4	HGS 20-4	HGS 25-4	HGS 32-4
5	HGS 12-5	HGS 20-5	HGS 25-5	HGS 32-5
6	HGS 12-6	HGS 20-6	HGS 25-6	HGS 32-6
8	HGS 12-8	HGS 20-8	HGS 25-8	HGS 32-8
10		HGS 20-10	HGS 25-10	HGS 32-10
12		HGS 20-12	HGS 25-12	HGS 32-12
14		HGS 20-14	HGS 25-14	HGS 32-14
16		HGS 20-16	HGS 25-16	HGS 32-16
20			HGS 25-20	HGS 32-20
25				HGS 32-25

Overview

'Matching the right technology to a given application is the art of metalworking'

Hydnar holder design assures easy and secure tool clamping. The simplicity of assembling the tool with a turn of 'T' wrench saves more time. Runout accuracy will be phenomenal due to the self concentricity done by the expanding internal sleeve and in result, Hydnar holders are more suitable to use in high precision machining applications of Aerospace, Automotive, Medical and Die & Mould Industries.

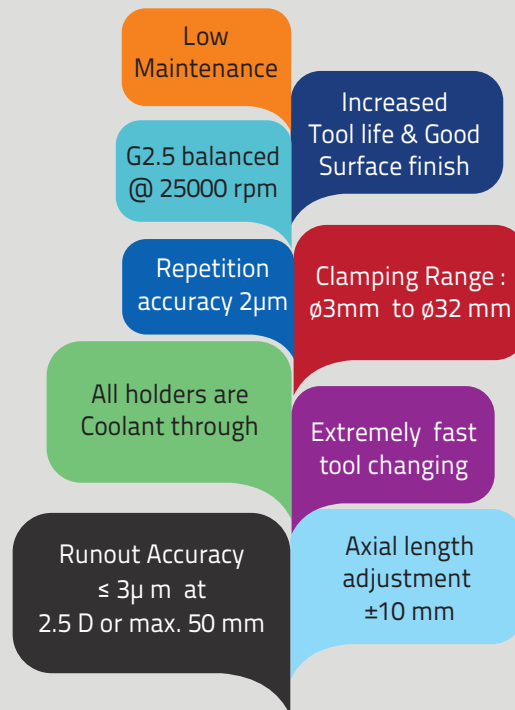


HydNar™

Operating Principle

The hydraulic tool holder works by using gel to expand a sleeve to secure a cutting tool. A close fit between the cutter and the sleeve increases the gripping power. The expansion sleeve is actuated in all directions by the hydraulic gel and tends to center the cutter. Good concentricity between the tool holder and the cutter is necessary for reduced runout of the tool tip—especially critical in higher speed applications.

Key Features






NARITAA TOOLING PRIVATE LIMITED

Mfrs.: CNC Tool holding Systems & Boring Bars

No. 16/3 Lakshmi Thottam, Lakshmpuram Back Side,
Chinnavedampatti, Maniyakaranpalayam Road,
Coimbatore - 641 049. Tamil Nadu. INDIA.

Phone : + 91 422 4349842 Mobile : + 91 98420 05552
E-mail : sales@naritaatooling.in / ps@naritaatooling.in
Web : www.naritaatooling.in

 Naritaa Tooling Private Limited
 Naritaa Tooling
 naritaa_tool

