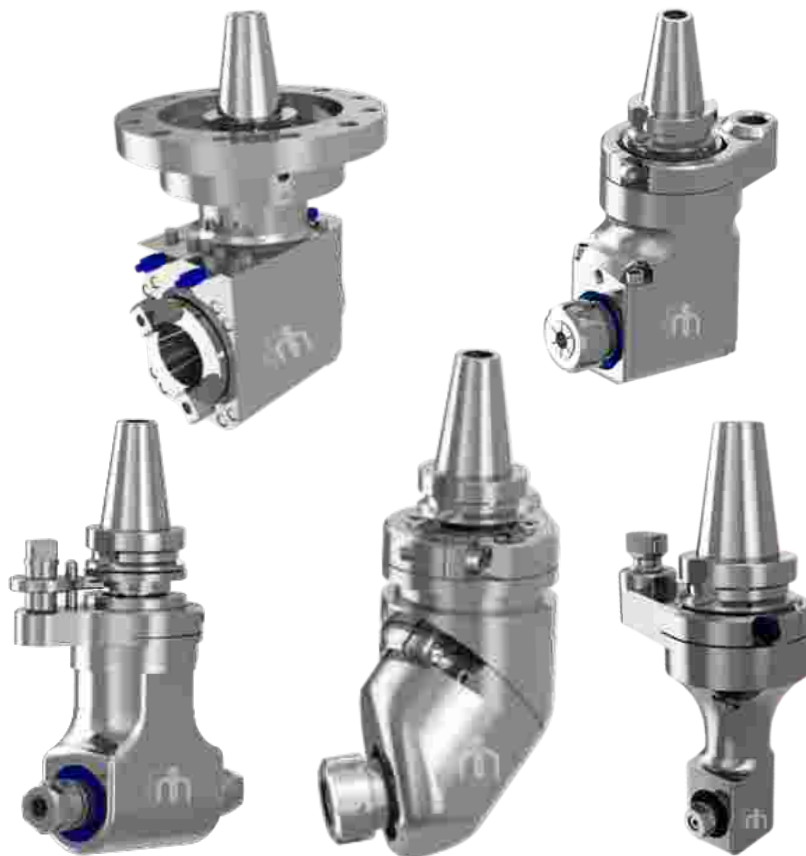




AATMA-NIRBHAR
BHARAT
#VOCAL FOR LOCAL



ANGLE HEADS

YOUR TOOLING PARTNER

#VOCAL FOR LOCAL

COMPANY PROFILE

99MNHance industrial Services have been the leader in the designing and manufacturing of high-quality right Angle Heads in, **Ahmedabad - Gujarat, India.**

We are an Indian manufacturer and supplier of precision metal cutting tools and machine tool accessories. 99mnhance Industrial Services are design and manufactures for high-precision tooling systems for the Automotive, Aerospace, Agriculture, Energy, and Medical industries among others.

99MNHance industrial Services belongs to the Morden technology and quality leaders for precision tools and specializes in the development and production of high-precision static and driven tools for all CNC lathes, CNC turn-/mill machines, and CNC machining centers. The range of products spans from static tool holders, driven tools up to highly complex customer-specific individual solutions. Angle heads are machine tool accessories used on vertical or horizontal milling machines and they can be automatically exchanged by the machine or mounted manually with a flange.

Harness your machine's current capabilities by adding an Angle Head. Without the expense of a new machine, you'll be able to perform vertical, horizontal, and angular operations on your machine without repositioning the workpiece.

Our mission is to find the best of the best and deliver it to our customers with a personal commitment to helping them install truly efficient solutions. We have exceptionally high standards for the products we represent. The result is an all-star line-up of products that deliver true and measurable performance advantages.

Products that are engineered to exacting standards and then manufactured with materials and craftsmanship that enable superior performance.



RELATED INDUSTRIES



AATMA-NIRBHAR
BHARAT

#VOCAL FOR LOCAL



Automotive



Automobile



Molding



3C Computer
Communication
Consumer



Woodworking



Fixture



99MNHance Industrial Services



Angle heads allow horizontal, vertical, and angular machining operations to be performed without repositioning the workpiece. This increases accuracy and productivity and can create new opportunities.

Angle heads come in different shapes and sizes, and each has its own set of capabilities and limitations.

Some angle heads are suitable for drilling, tapping, reaming, slotting, milling, and finish milling. They also can be ordered with extended reach, and a relatively new type of angle head is adjustable.

Machining in confined spaces. Angle heads add an additional axis to existing equipment that enables the machining of features that are otherwise impossible to access with the machine tool's milling spindle.

Delay/offset new machine purchase. A common misconception about angle heads is that they are no longer necessary with the advent of new 5- to 9-axis machine tools. The reality, however, is that adding an angle head to existing equipment means a shop can delay spending money on a new machine.

Fewer setups. Angle heads give machinists the ability to finish a part completely without moving it to another machine.

Create more complex parts. Complex part features can be performed by using an angle head. For example, using this type of equipment enables machinists to mill internal slots that are common in today's energy and construction components.

Reduce cycle times. An example of this is using an angle head to create slots with a slitting saw and angle head rather than a small end mill, which reduces machining time.

CUTTING METAL

1. Steel
2. Aluminum/
nonferrous metals

MANAGING EXPECTATIONS

1. Rigidity
2. Power
3. Cycle time

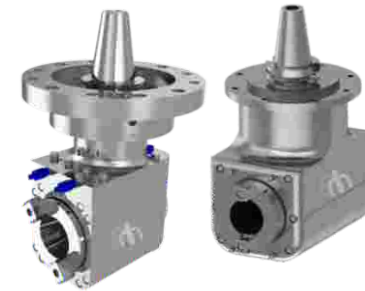




Karmika
(Standard Type)



Ghanrupa
(Slim Type)



Rudraha
(Heavy Duty)



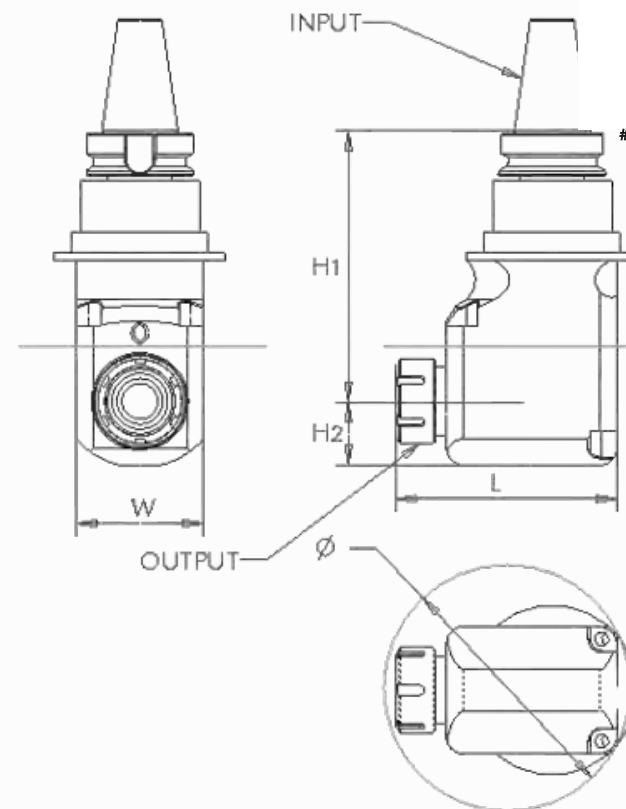
Uluk
(universal Head)



Customised



KARMIKA (STANDARD TYPE)

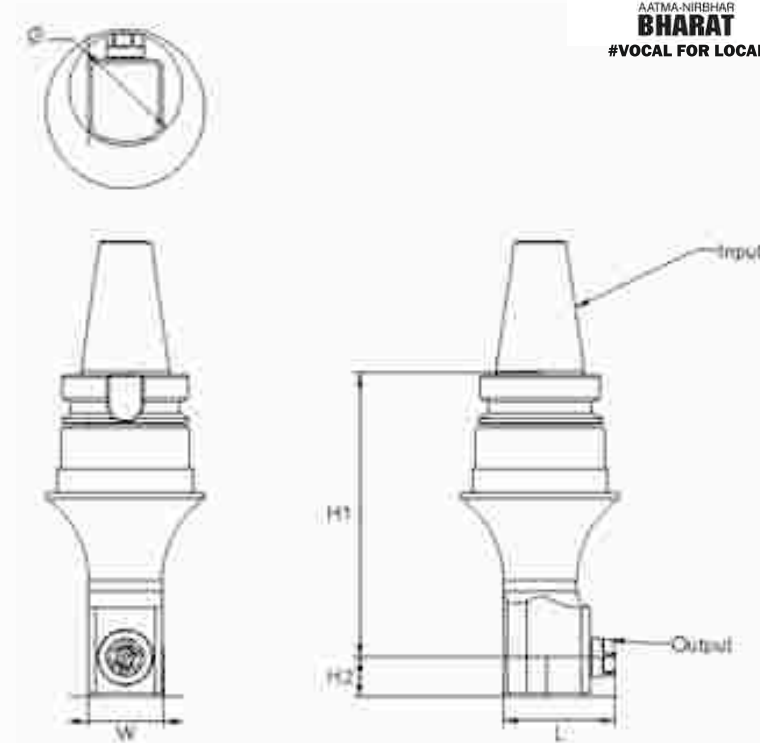







MODEL	INPUT	OUTPUT	CUTTER DIA Ø (mm)	L (mm)	H1 (mm)	H2 (mm)	W (mm)	DIAMETER Ø (mm)	RATIO ⚙️	RPM 🕒	MAXIMUM AXIAL LOAD (N) 🛠️	TORQUE (Nm) ⚙️	WEIGHT (Kg) 🏋️
kr4020STD160	Bt-40	Er-20	1-13	115	160	32	65	125	1:1	3500	300	20	7.8
Kr4025STD160	Bt-40	Er-25	1-16	120	160	32	70	135	1:1	3500	300	30	8.0
Kr4032STD160	Bt-40	Er-32	1-20	130	160	37.5	75	145	1:1	3000	350	35	8.9
Kr5040STD187	Bt-50	Er-40	3-26	176	187	45	95	190	1:1	3000	1250	50	17
Kr50SL32STD187	Bt-50	Side lock -32	NA	163	187	40	80	180	1:1	3000	1050	40	15
Kr50SL40STD187	Bt-50	Side lock -40	NA	176	187	45	95	190	1:1	3000	1250	50	17

Contact us if you are not find your Input or Output.



GHANRUPA (SLIM TYPE)

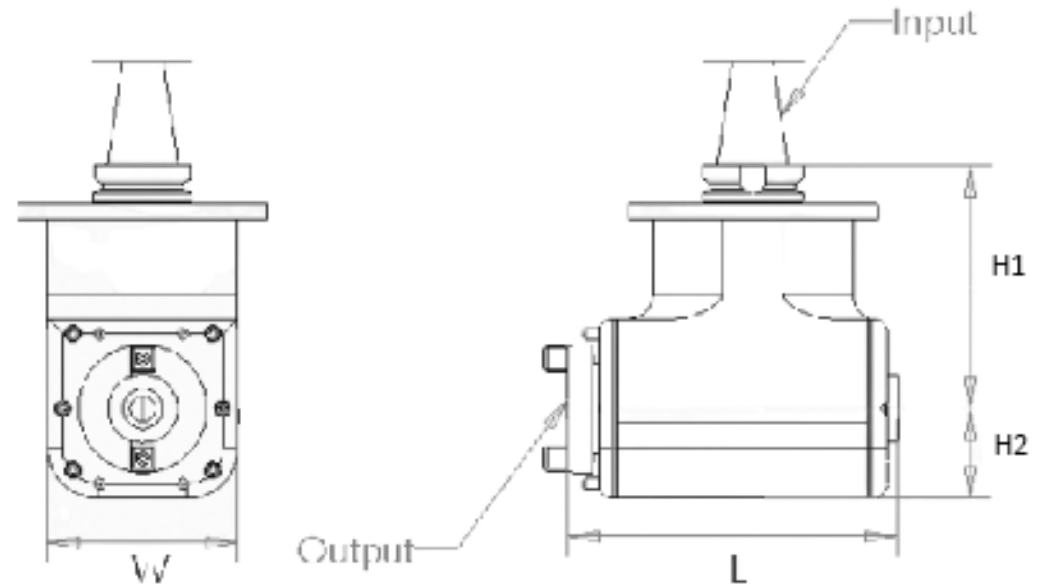
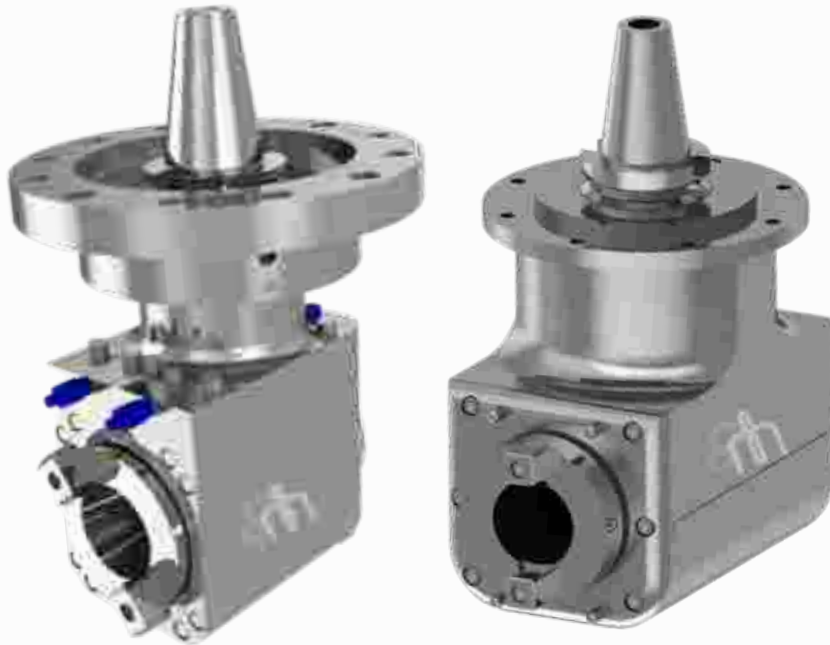







MODEL	INPUT	OUTPUT	CUTTER DIA Ø (mm)	L (mm)	H1 (mm)	H2 (mm)	W (mm)	DIAMETER Ø (mm)	RATIO 	RPM 	MAXIMUM AXIAL LOAD (N) 	TORQUE (Nm) 	WEIGHT (Kg) 
GH3011SLM132	BT-30	ER11	1-5	56	132	20	38	57	1:1	4000	50	5	2.5
GH4011SLM143	Bt-40	ER11	1-5	56	143	20	38	57	1:1	4000	50	7	3.2
GH4016SLM145	BT-40	ER16	1-10	65	145	25	47	70	1:1	4000	75	15	4.9
GH5016SLM145	BT-50	ER16	1-10	65	145	25	47	70	1:1	4000	85	20	5.8

Contact us if you are not find your Input or Output.



RUDRAHA (HEAVY DUTY)

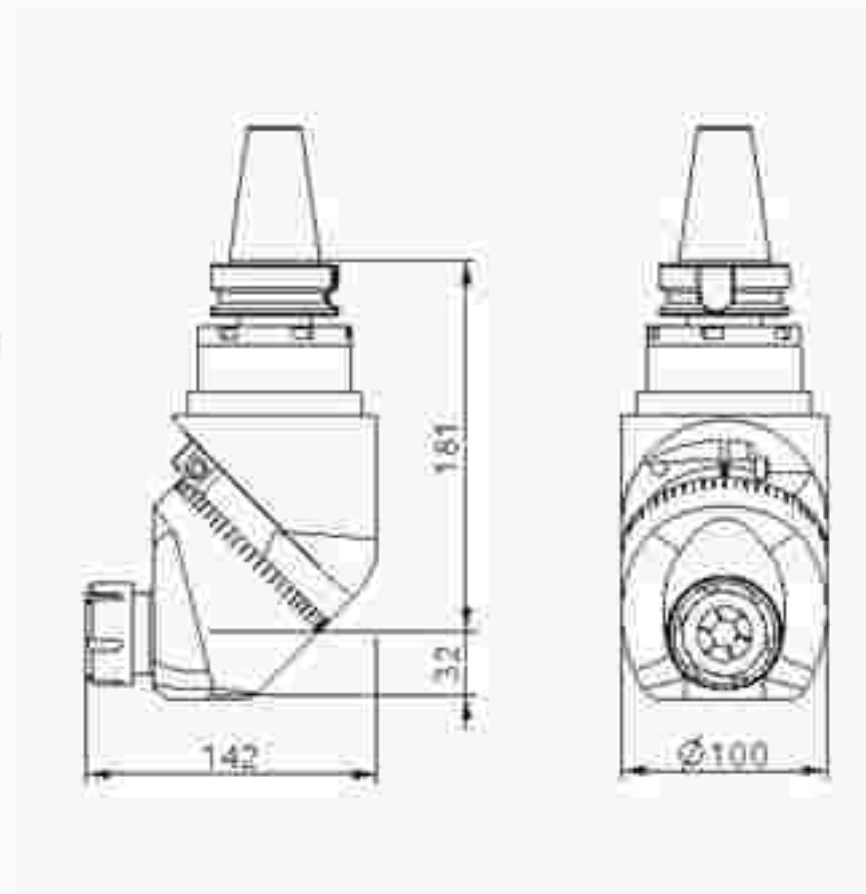







MODEL	INPUT	OUTPUT	L (mm)	H1 (mm)	H2 (mm)	W (mm)	RATIO 	RPM 	MAXIMUM AXIAL LOAD (N) 	TORQUE (Nm) 	WEIGHT (Kg) 
RD5050MOD245	BT-50	BT-50	320	245	90	190	1:1	150-2000	2000	100	<26
RD5040MOD220	BT-50	BT-40	250	220	65	140	1:1	150-2500	1800	90	<22
RD4040MOD220	BT-40	BT-40	250	220	65	140	1:1	150-2500	1700	80	<20

Contact us if you are not find your Input or Output.



ULUK (UNIVERSAL HEAD)



MODEL	INPUT	OUTPUT	L (mm)	H1 (mm)	H2 (mm)	W (mm)	RATIO 	RPM 	MAXIMUM AXIAL LOAD (N) 	TORQUE (Nm) 	WEIGHT (Kg) 	ANGLE ADJUSTMENT (degree)
ULUK4032UNI181	BT-40	ER-32	142	181	32	100	1:1	3000	350	20	<12	0-180

Contact us if you are not find your Input or Output.

OTHER ASSESSORIES



Guide Flange



Stop Block



Guide Pin



Storage Box



Marking Ring

OUR CUSTOMERS



KLINGELBERG



rotomotive
looks good. performs better.

TIMKEN



FINE SH
ENGINEERS F



Sumech Engineers



SACHKHAND
ENGINEERING WORKS





Our Distributor Partner for Telangana And Tamil Nadu



tvadvancetools@gmail.com



+91 9962515355



99mnhance Industrial Services

Enhancing your Business needs



#VOCAL FOR LOCAL



99mnhance Industrial Services
47, Nilkanth Estate, Vatva Phase - 1
Ahmedabad - 382445
Gujarat - India



+91- 635 130 3770
+91- 990 493 4585
www.99mnhance.com



info@99mnhance.com,
support@99mnhance.com
99mnhance@gmail.com

FOLLOW US ON



Design by
Nikinfotronics Technology
7226009690