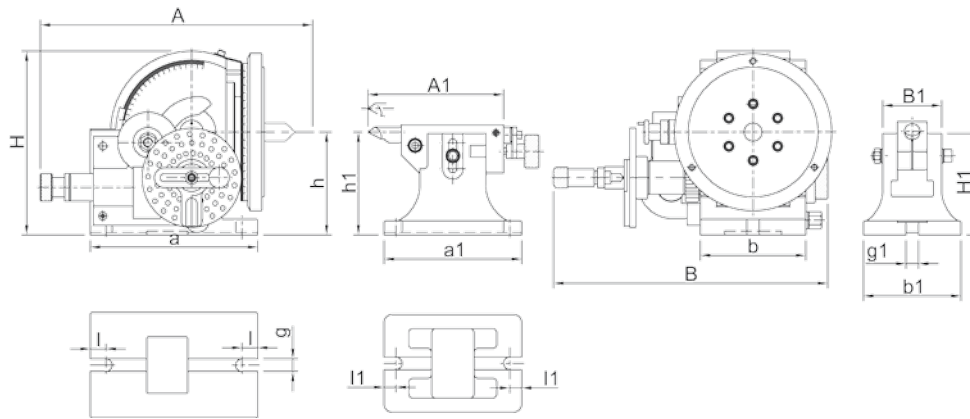


Universal Dividing Head



Tail Stock

Model	A1 (mm)	B1 (mm)	H1 (mm)	l1 (mm)	a1 (mm)	b1 (mm)	h1 (mm)	g1	Weight (kg)
BS-2	135-175	75	130	15	175	125	120-145	16	10

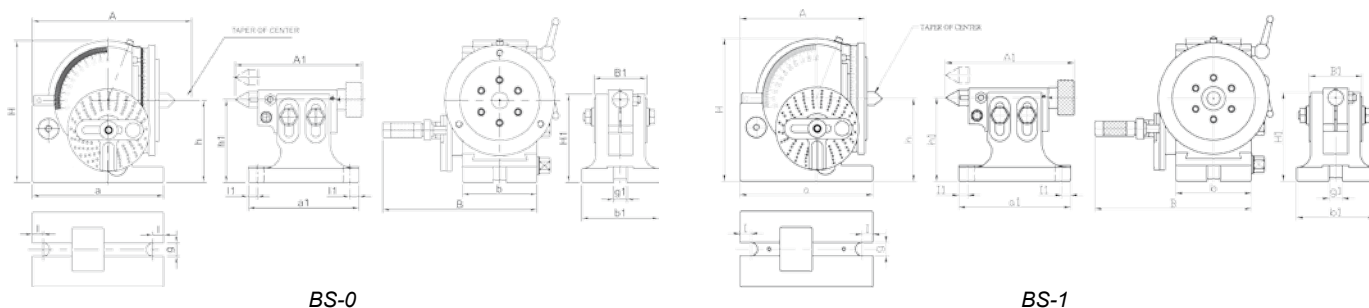
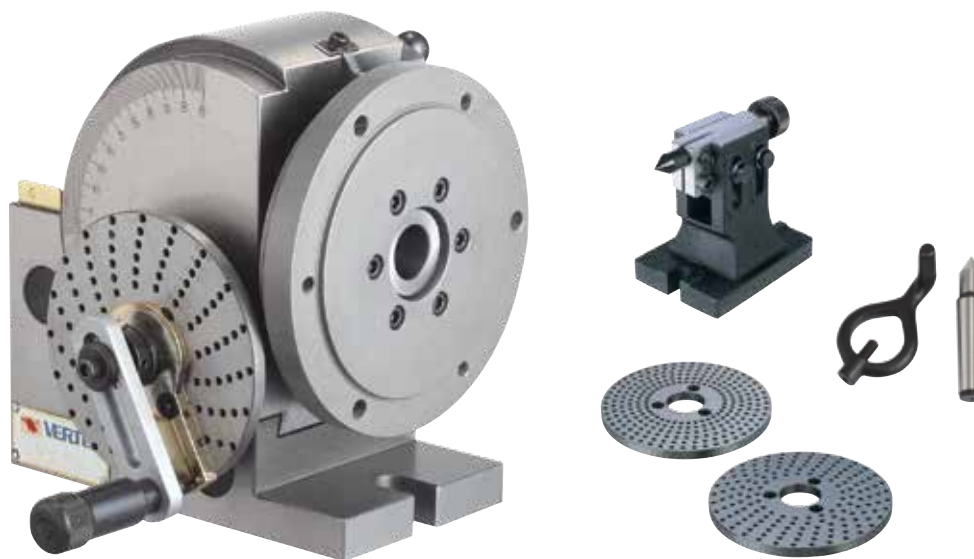
Standard Accessories: Dividing Plate A, B, C. Number of Holes of Dividing Plate (Worm Gear Reduction Ratio 40:1)

Number of Holes	Plate A	15	16	17	18	19	20
	Plate B	21	23	27	29	31	33
	Plate C	37	39	41	43	47	49

- Can be used for either direct or indirect dividing
- Three additional indexing plates included to provide the ability of indirect dividing of all divisions from 2 to 50 and also most common divisions up to 380
- Hardened and ground spindle is rigidly held in a taper roller bearing
- Hardened and ground worm
- Swivel head can be locked on any angle from 10° below horizontal to 90° vertical - precision fitting to base allows smooth rotation
- Threaded spindle nose and 24 hole dividing plate with easy conversion to fast direct indexing on numbers 2, 3, 4, 6, 8, 12 and 24

A (mm)	B (mm)	H (mm)	l (mm)	a (mm)	b (mm)	g (mm)	h (mm)	Center Taper (mm)	Spindle Through Hole (mm)	Code
359	340	235	20	212	135	16	134	MT4	25	277075

Semi-Universal Dividing Heads



BS-0

BS-1

Tail Stock

Model	A1 (mm)	B1 (mm)	H1 (mm)	l1 (mm)	a1 (mm)	b1 (mm)	h1 (mm)	g1	Weight (kg)
BS-0	155-180	64	107	11	134	94	80-108	16	4
BS-1	170-195	64	150	11	155	110	150-115	16	5.3

Standard Accessories: Dividing Plate A, B, C. Number of Holes of Dividing Plate (Worm Gear Reduction Ratio 40:1)

Number of Holes	Plate A	15	16	17	18	19	20
	Plate B	21	23	27	29	31	33
	Plate C	37	39	41	43	47	49

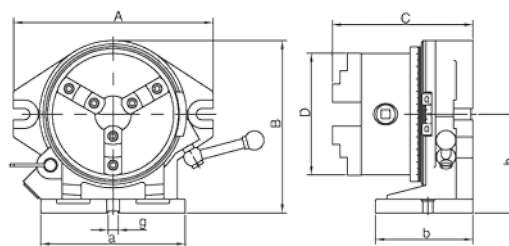
- A simplified type of universal index center
- Can be used for either direct or indirect dividing
- Three additional indexing plates included to provide the ability of indirect dividing of all divisions from 2 to 50 and also most common divisions up to 380
- Hardened and ground spindle is rigidly held in a taper roller bearing
- Hardened and ground worm
- Swivel head can be locked on any angle from 10° below horizontal to 90° vertical - precision fitting to base allows smooth rotation
- Threaded spindle nose and 24 hole dividing plate with easy conversion to fast direct indexing on numbers 2, 3, 4, 6, 8, 12 and 24

A (mm)	B (mm)	H (mm)	l (mm)	a (mm)	b (mm)	g (mm)	h (mm)	Center Taper (mm)	Spindle Through Hole (mm)	Code
177	188	173	13	160	91	16	100	MT2	18	277070
245	230	220	19	205	114	16	128	MT3	20	277072

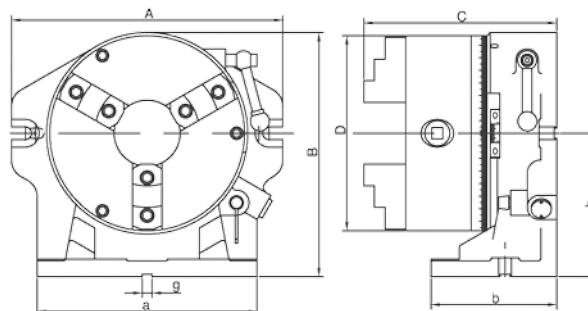
Simple Indexing Spacer



Masking Plates



CC-6

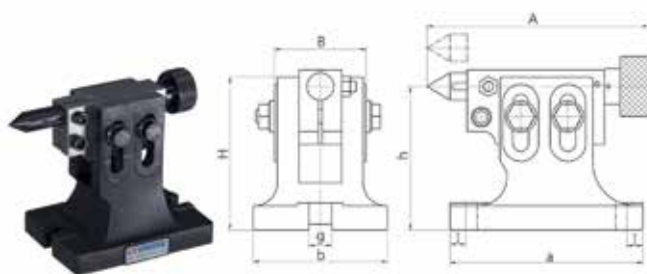


CC-8

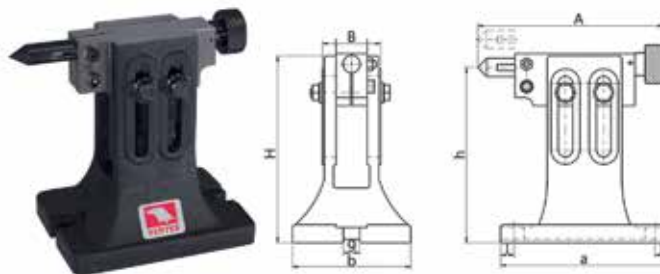
- Mount on milling machines, drilling machines and other machine tools where an indexing facility is required
- Designed for use in horizontal or vertical positions
- Large center through hole suitable for large and long workpieces
- May be used with 3-jaw chuck
- Rapid indexing and easy operation, sharp for mass production
- Simple index includes 3-jaw chuck, masking plates 2, 3, 4, 6, 8 and 12
- Using the key guide block the center can be corrected quickly and accurately

Model	Dividable Number	A (mm)	B (mm)	C (mm)	D (mm)	a (mm)	b (mm)	h (mm)	Ø Inner Jaw (mm)	g Guide Block (mm)	Ø Outer Jaw (mm)	Ø Turret Hole (mm)	Ø Chuck Hole (mm)	Weight (kg)	Code
CC-6	2, 3, 4, 6, 8, 12, 24	253	225	179	160	187	115	130	55-145	16	3-160	44	44	29.5	277080
CC-8	2, 3, 4, 6, 8, 12, 24	318	274	209	200	230	155	157	65-200	16	4-200	63	58	51.5	277082

Tail Stock for Indexing Spacers



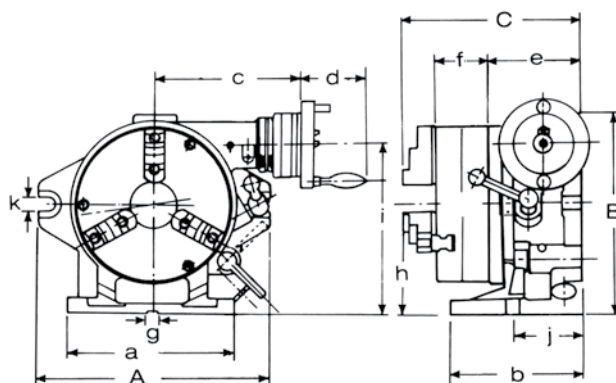
TS-1



TS-2, TS-3, TS-4

Model	Suitable for.....	Adjustable High-Low	A (mm)	B (mm)	H (mm)	I (mm)	a (mm)	b (mm)	g (mm)	Weight (kg)	Code
TS-1	HV-4, HV-6, VSI-4, VSI-5, BS-0, VUT-6, VU-100, VU-150	108-80	155-180	64	107	11	134	94	16	3.9	277092
TS-2	BS-1, CC-6, CS-6, HV-8	150-115	170-195	64	150	11	155	110	16	5.5	277094
TS-3	CS-8, HV-10, HV-12, CC-8, VUT-10, VUT-12, VU-200	205-130	210-235	64	205	13	185	138	16	8.1	277096
TS-4	HV-14, CC-12, HV-16	260-182	210-235	75	260	17	205	144	16	11.9	277084

Super Indexing Spacers



Masking Plates

Model	Chuck				Face Plate	
	Outer Diameter (mm)	Inner Jaw (mm)	Outer Jaw (mm)	Inner Diameter (mm)	Outer Diameter (mm)	Thickness (mm)
CS-6	160	4-42	10-156	44	203	50
CS-8	210	4-62	10-180	63	254	58

- 3-jaw chuck mounted
- In addition to all of the features of the simple indexing spacer, the super indexing spacer incorporates a worm gear and is supplied with a face plate. With the further addition of the optional dividing plate set, it can also be used as a dividing head.
- The worm gear is hardened and precision ground to minimize wear

Dividable Number	A (mm)	B (mm)	C (mm)	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)	h (mm)	i (mm)	j (mm)	k (mm)	Weight (kg)	Code
2, 3, 4, 6, 8, 12, 24	250	235	221	220	150	184	82	112	66	16	123	186	80	18	43.6	277088
2, 3, 4, 6, 8, 12, 24	310	285	243	225	160	201	82	125	75	16	155	232	90	18	78.3	277090

Dividing Plate Sets

- Set includes: indexing plate, crank handle, screws (3), sector and a "U" washer



DP-1

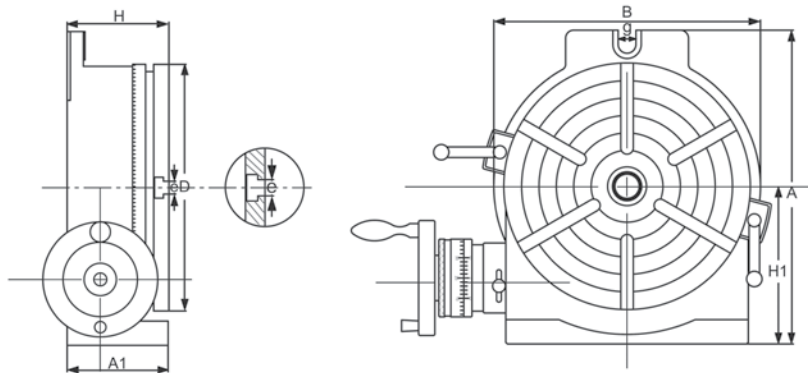


DP-2, DP-3, DP-4, DP-5

Model	Number of Holes	
	Holes	
DP-1	A Plate: 15, 16, 17, 18, 19, 20	
	B Plate: 21, 23, 27, 29, 31, 33	
	C Plate: 37, 39, 41, 43, 47, 49	
DP-2, DP-3, DP-4, DP-5	A Plate: 26, 28, 30, 32, 34, 37, 38, 39, 41, 43, 44, 46, 47, 49, 51, 53, 57, 59	
	B Plate: 61, 63, 67, 69, 71, 73, 77, 79, 81, 83, 87, 89, 91, 93, 97, 99	

Model	Suitable for.....	Weight (kg)	Code
DP-1	HV-4, HV-6, VUT-6, VU-100, VU-150	1.4	277100
DP-2	HV-8, VU-200	4.5	277102
DP-3	HV-10, HV-12, HV-14, HV-16, VUT-10, VUT-12	4.6	277104
DP-4	CS-6, CS-8	4.6	277101
DP-5	VU-300	4.6	277103

Horizontal/Vertical Rotary Table



The work table is graduated 360 degrees around its circumference and is driven by a precision worm and gear providing a 90:1 reduction ratio. One turn of the handle moves the table through four degrees. The dial is graduated in divisions of 1 minute and the vernier scale allows readings down to 10 seconds.

- The worm is hardened and precision ground to minimize wear of the worm gear
- Both the upper and lower surface of the rotary plates are precision ground
- Operation and service manual included

OPTIONAL ACCESSORIES:

- Tail Stock
- Dividing Plate Set
- 3-Jaw Chuck

Model	Table			Base Dimensions			Width of T-Slot	Bolt Slots	Load Capacity of Table (kg)		Center Taper	Weight (kg)		Code
	Outer Diameter		Height						Horizontal	Vertical		Net	Gross	
	A1 (mm)	D (mm)	H (mm)	H1 (mm)	A (mm)	B (mm)	e (mm)	g						
HV-6	78	150	80	102	205	163	11	17	40	20	MT2	12.1	12.7	277106
HV-8	100	205	102	135	265	219	14	17	80	40	MT3	24.7	26.2	277107
HV-10	106	254	109	163	321	276	14	17	90	50	MT3	35.5	37.3	277108
HV-12	123	305	125	194	388	330	16	18	120	60	MT4	58.7	69.8	277109
HV-16	128	406	130	258	503	435	16	18	140	70	MT4	106.4	123.1	277110