



SEMI-UNIVERSAL PRECISION DIVIDING HEADS

Model DSU

Indexing Possibilities

- Direct: With the front index plate of 24 stages are possible 2, 3, 4, 6, 8, 12 and 24 direct divisions
- Other direct indexing plates up to 36 divisions can be supplied as extra equipment

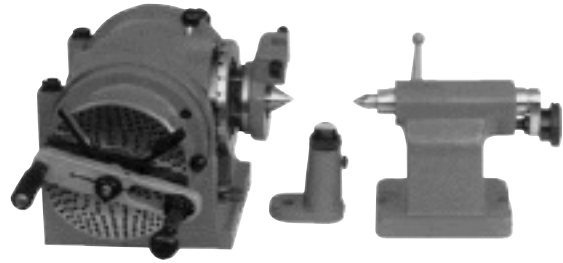
Description:

Dividing Heads "MECA" are closely protected so that chips or coolant liquids can't be infiltrated. Base frame and swivel head block are of stabilized cast iron with robust design that assures a work free of vibration. Headstock spindle is of nickel chrome steel hardened to 60 Rockwell C, internal and externally ground. Wormwheel in phosphor bronze accurately hobbled on a SYKES gear hobbing machine. Division worm is of nickel chrome steel case hardened and finely ground on MATRIX thread grinder, being carefully inspected on a Universal Measuring Machine SIP in order to assure pitch accuracy.

Test – Inspection:

"MECA" Dividing Heads are rigorously checked with a CARL ZEISS high precision Index – Tester being their accuracy within DIN/SALMON Standards (indexing error = 15 seconds). Thanks to the careful execution of every part, specially the worm and wormwheel, it is possible to reach to a such precision grade. A test-chart and diagram showing the test results are enclosed with each Dividing Head along with the operating handbook and index charts. All Dividing Heads described here are arranged to work on LEFT or RIGHT end of the milling machine table.

Standard Equipment DSU Model: – Carrier, centre, adjustable tailstock, adjustable steady, direct indexing 24 stage face plate, one dividing plate with holes in both sides, clamping bolts, set of spanners and operator's handbook.



Dimensions:

Model	A		B	Spindle Internal Taper	Hole Through Spindle	Nose External Taper	C	D	E	F	K	L	Div. Ratio	Weight in (kg.)		
	mm	in.												DU	DSU	
DSU-3100	100	4	200	M3	ø20	ASA2	165	155	230	14	5/8	130	130	1:40	58	45
DSU-3115	115	4-5/8	215	M3	ø20	ASA2	165	155	230	14	5/8	130	130	1:40	62	49
DSU-3125	125	5	240	M3	ø20	ASA2	165	155	230	14	5/8	130	130	1:40	78	58
DSU-4125	125	5	240	M4	ø27	ASA3	200	195	275	14	5/8	160	155	1:40	78	58
DSU-4150	150	6	265	M4	ø27	ASA3	215	195	275	14	5/8	160	155	1:40	85	65
DSU-4175	175	7	310	M4	ø27	ASA3	215	195	275	16	5/8	160	155	1:40	85	65
DSU-5175	175	7	310	M5	ø38	ASA4	255	230	355	18	5/8	170	155	1:40	117	91
DSU-5200	200	8	335	M5	ø38	ASA4	255	230	355	22	5/8	170	155	1:40	127	101
DSU-6200	200	8	335	M6	ø58	ASA5	295	255	415	18	5/8	215	205	1:40	155	134
DSU-6250	250	10	385	M6	ø58	ASA5	295	255	415	18	5/8	215	205	1:40	169	148
DSU-6315	315	12-3/8	-	M6	ø58	ASA5	295	255	415	22	5/8	215	205	1:40	-	-

Ordering Specifications:

When ordering Semi-Universal Dividing Heads Model DSU please quote width (F) of the Key. Standard dimensions, in chart above, are shown in **bold** type. If not quoted we will supply the standard sizes.

ORDERING SPECIFICATIONS

Model No.	Code No.	Price \$
DSU-3100	328-060	8,930.40
DSU-3115	328-065	9,141.80
DSU-3125	328-070	9,350.50
DSU-4125	328-075	10,288.40
DSU-4150	328-080	10,460.10
DSU-4175	328-085	10,534.20
DSU-5175	328-090	13,202.60
DSU-5200	328-095	13,477.40
DSU-6200	328-100	14,170.20
DSU-6250	328-105	14,861.40
DSU-6315	328-110	21,754.60

Flanges for Chucks

FLANGES FOR CHUCKS

Flange Dia.	ASA		Code No.	Price \$
	Spindle	Nose		
4-3/8	2	2	328-120	412.30
5	2	2	328-121	483.60
5	3	3	328-122	483.60
6	3	3	328-125	562.80
8	3	3	328-126	745.10
6	4	4	328-127	454.60
8	4	4	328-130	745.10
10	4	4	328-131	1,210.20
8	5	5	328-132	845.00
10	5	5	328-135	985.30
12	5	5	328-140	1,140.30