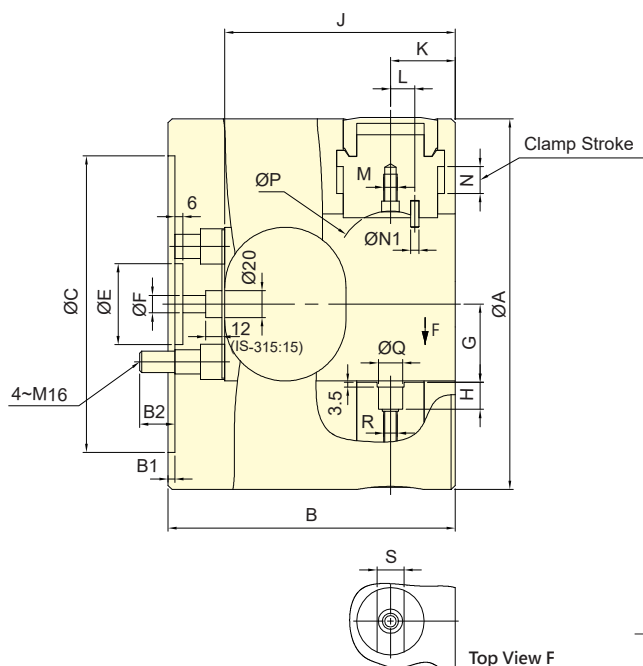
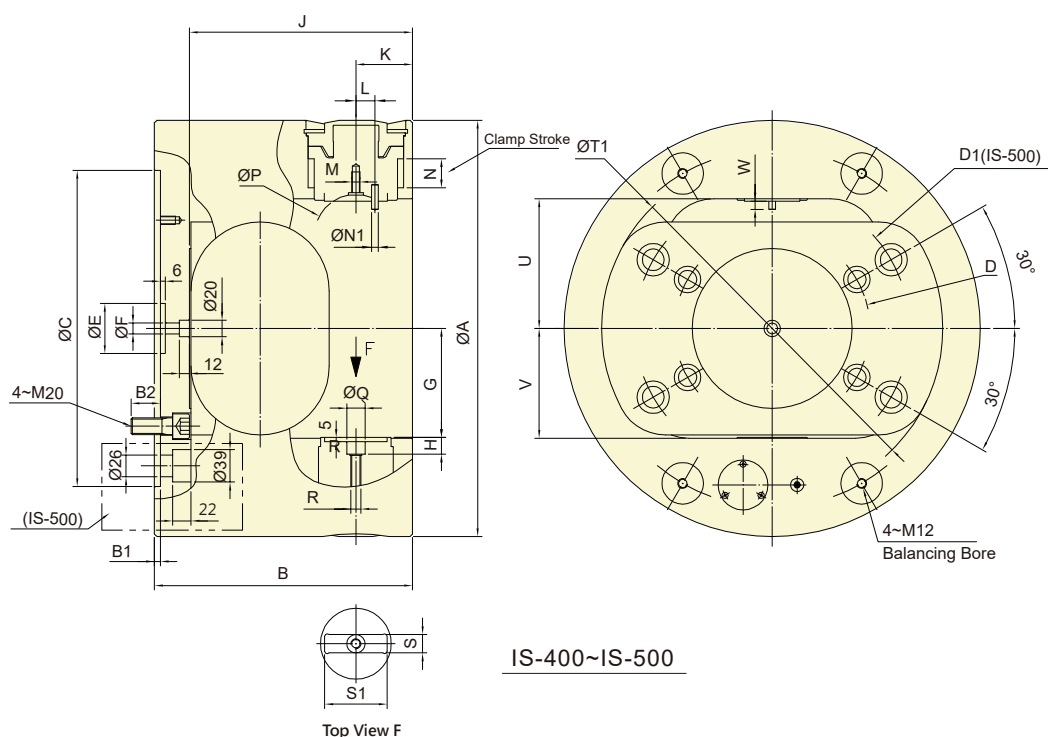




- Indexing operates during the spindle rotation, can perform a quick change between multiple working axes.
- All parts of chuck hardened, ground and lubricated directly.
- Sealed against swarf, chips and coolant.
- High rigidity and high repeatability precision.
- Unique indexing system and hydraulic system, with pressure detection device in chuck, high reliability.



IS-254~IS-315



IS-400~IS-500

SPECIFICATIONS

Model	Index Angle	Jaw stroke	Chuck Area Dia Max.	Chuck Area Len Max.	Max. pressure	Max. Clamping force	Max. speed	Moment of inertia	Weight	ROTATING JOINT	Main Spindle Bore	Clamp Jaw Weight
	Deg	mm	mm	mm	kgf/cm ²	kN (kgf)	min ⁻¹ (r.p.m.)	kg · m ²	kg		mm	kg
IS-254	4x90°	20	65	160	45	19.5(1990)	3100	0.41	41	IRJ-5E1	61 and above	0.6
IS-275	4x90°	20	80	220	45	25.4(2590)	2500	0.61	52	IRJ-5E1	61 and above	1.2
IS-315	4x90°	20	100	230	45	25.0(2550)	1200	1.13	76	IRJ-5E1	61 and above	1.8
*IS-400	4x90°	30	170	260	45	34.5(3510)	1000	15.0	145	IRJ-5E1	61 and above	4.0
*IS-500	4x90°	35	220	310	45	45.7(4660)	1000	25.4	230	IRJ-5E1	61 and above	6.0

DIMENSIONS

Model	A	B	B1	B2	C(H6)	D	D1	E	F	G	H	J	K
IS-254	254	190	5	23	220	171.4	-	60	13	47.5	18	155	48
IS-275	275	213	5	26	220	171.4	-	60	13	58	20	171	48
IS-315	315	232	5	22	220	171.4	-	60	13	71	18.5	187	50
*IS-400	400	260	6	30	300	235	-	60	13	99	20	220	60
*IS-500	500	310	7	35	380	235	330.2	60	13	131	20	268	68

Model	L	M	N	N1	P	Q(H7)	R	S(H7)	S1	T	T1	U	V	W
IS-254	13	M8	20	5	40	18	M10	20	-	106	-	57	46.5	5.5
IS-275	18	M10	20	6	80	18	M10	20	-	125	-	67	57	7
IS-315	18	M10	20	6	75	24	M12	25	-	136	-	85	70	7.5
*IS-400	23	M10	30	8	100	22	M12	22	60	-	330	112	100	10
*IS-500	23	M10	35	8	100	22	M12	22	75	-	410	156	132	10



*Index Angle 8x45o or Specific Angle, Please contact AUTOGRIP for more detailed information. Thanks.

The maximum rotational speed can only be achieved when the hydraulic pressure is at its maximum. Additionally, the operating pressure and the weight of the clamping fixture must not exceed the values shown in the table above.

Indexing can be performed while the spindle is rotating. However, when indexing at high rotational speeds, it is recommended to reduce the speed by 50% to avoid vibration caused by imbalance when the workpiece is in an intermediate position. Furthermore, depending on the shape of the workpiece, indexing during spindle rotation may not be possible.

The "*" model is produced upon order, with no stock available.