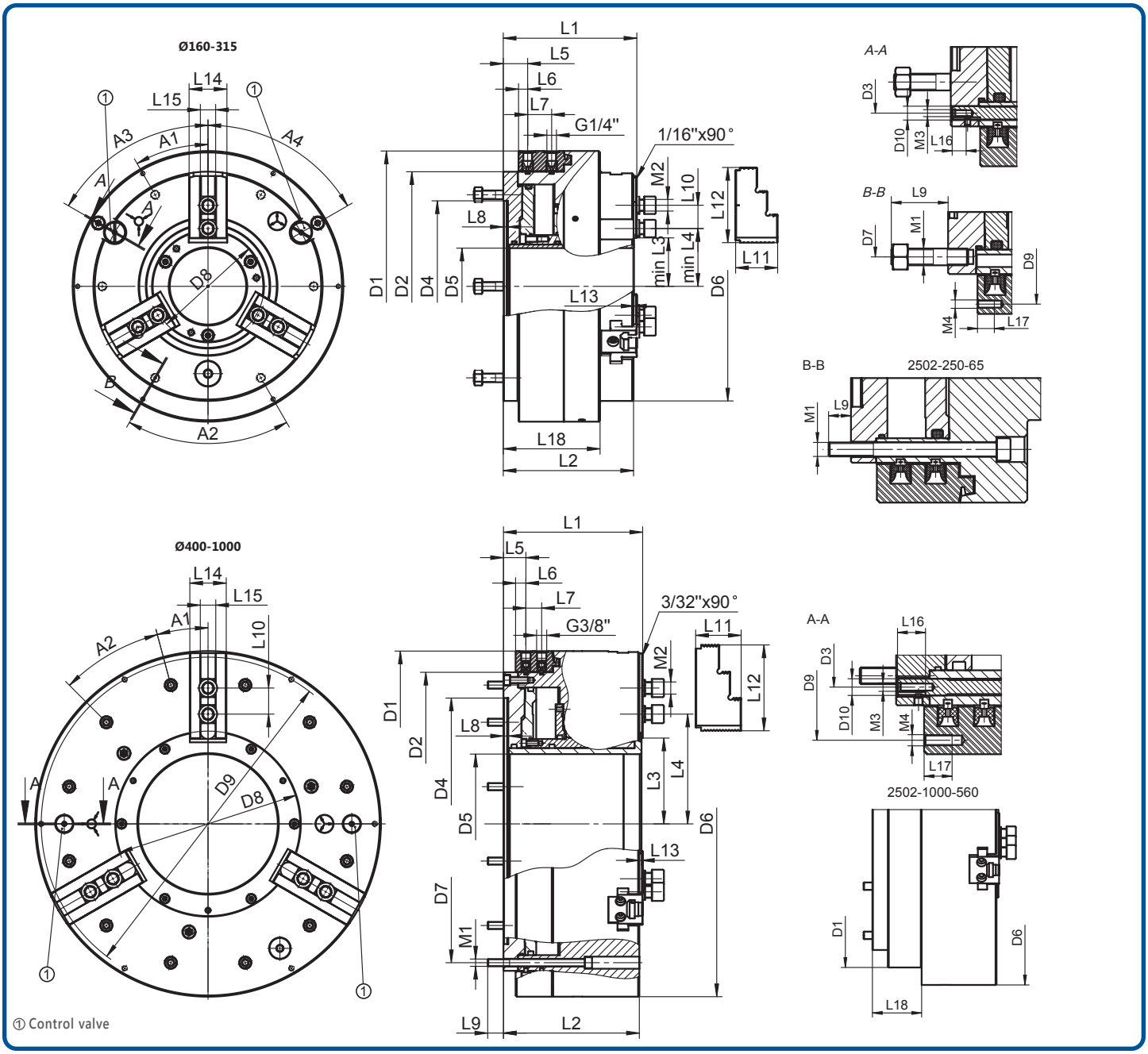
3-JAW POWER CHUCKS WITH PNEUMATIC CYLINDER

2502

- INSIDE AND OUTSIDE DIAMETER CLAMPING
- REVERSIBLE TOP JAWS

- The power chucks with an integrated pneumatic cylinder and a fixed pressure distributor (attached to the headstock) are designed for accurate turning of very long components such as pipes and similar workpieces
- The double spindle configuration increases clamping force and clamping stability
- Large through-hole
- Master jaws secured against throw-off
- Master jaws and drawbar lubricated directly
- Built-in non-return valve maintains a constant pressure flow in piston chambers in case of supply pressure drop
- Jaw stroke control device
- Air pressure safety control distributor in the clamping chamber
- Plain back mounting with clamping from the front
- G 6.3 Balance Grade



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- REVERSIBLE TOP JAWS

2502

Code No.	7-785-0600	7-785-0800	7-785-1000	7-785-1000R	7-785-1200R	7-785-1600R	7-785-2000R	7-785-2500R	7-785-3240R	7-785-3260R	7-785-4000R
Type	2502-160-38	2502-200-52	2502-250-65	2502-250-68	2502-315-105	2502-400-140	2502-500-230	2502-630-330	2502-800-365	2502-800-410	2502-1000-560
D1 [mm]	255	300	372	372	372	467	570	685	850	850	925
D2 [mm]	205	248	315	315	315	400	500	610	775	775	850
D3 [mm]	184	230	296	296	296	374	474	580	745	745	815
D4 [mm]	155	195	235	235	235	310	415	510	700	700	700
D5 [mm] Through-hole	38	52	65	68	105	140	230	330	365	410	560
D6 [mm]	168	210	254	254	315	467	570	685	850	850	1000
D7 [mm]	180	223.8	296	290.5	290.5	374	474	580	745	745	815
D8 [mm]	70	92	117	117	154	200	306	385	420	465	625
D9 [mm]	242	285	358	358	358	448	550	666	830	830	910
D10 [mm]	6	6	10	10	10	12	12	12	12	12	12
L1 [mm]	140.5	154	174	174	183.5	219	229.5	249	263.5	263.5	272
L2 [mm]	136.5	150	170	170	179	216.5	224	243	258	258	266
L3 [mm]	30.2	37.5	48.1	48	66.6	94.2	141.5	191.5	210	232.1	311.6
L4 [mm]	38.7	47	60.8	60	79	114.6	155	205.1	223.6	245.6	328.2
L5 [mm]	27.5	28.5	35.5	28	33.5	37	37	39.5	44.5	44.5	52.5
L6 [mm]	13	13.5	17	12.5	12.5	17	17	19.5	19.5	19.5	19.5
L7 [mm]	33	25	25	33	33	26	26	33	33	33	33
L8 [mm]	6.5	6.5	8	6.5	6.5	8	8	8	8	8	10
L9 [mm]	40	40	16	40	40	24	26	32	27	27	27
L10 [mm]	24	24.5	32	32	32	43	43	46	55	55	43
L11 [mm]	45	49	58	58	58	75	74	70	78	78	70
L12 [mm]	77	79	104	104	104	141.5	141.5	166.7	181.5	181.5	137
L13 [mm]	2.6	2.6	3	3	0.6	0.5	3.6	4.1	4.1	4.1	4.1
L14 [mm]	38	40	45	45	52	60	60	70	70	70	70
L15 [mm]	17	17	21	21	21	25.5	25.5	25.5	25.5	25.5	25.5
L16 [mm]	10	10	10	10	10	20	20	20	20	20	20
L17 [mm]	12	12	12	12	12	20	20	20	20	20	20
L18 [mm]	101.5	110	126	126	133	-	-	-	-	-	105.5
A1	30°	30°	30°	30°	30°	20°	15°	15°	15°	15°	15°
A2	60°	60°	60°	60°	60°	40°	30°	30°	30°	30°	30°
A3	60°	60°	60°	60°	60°	-	-	-	-	-	-
A4	60°	60°	60°	60°	60°	-	-	-	-	-	-
M1	6xM12	6xM12	6xM10	6xM12	6xM12	9xM12	12xM12	12xM16	12xM16	12xM16	12xM16
M2	M12	M12	M16	M16	M16	M20	M20	M20	M20	M20	M20
M3	M4	M4	M5	M5	M5	M6	M6	M6	M6	M6	M6
M4	6xM6	6xM6	6xM6	6xM6	6xM6	6xM8	6xM8	6xM8	6xM8	6xM8	6xM8
Jaw stroke [mm]	3.5	5	5	5	6	7	8.5	10	10	10	10
Operating pressure min./max. [MPa]	0.2/0.8	0.2/0.8	0.2/0.8	0.2/0.8	0.2/0.8	0.2/0.8	0.2/0.8	0.2/0.8	0.2/0.8	0.2/0.8	0.2/0.8
Clamping force (0,6 MPa) [kN]	43	68	87	87	100	180	220	200	412	400	250
Max. speed [rpm]	4,200	3,800	3,000	3,000	3,000	1,300	1,300	1,000	750	750	450
Moment of inertia [kgm²]	0.18	0.41	1.3	1.2	1.44	5.6	13	28.1	74.4	72.7	132
Weight without top jaws [lbs]	69.00	107.59	186.95	188.72	205.91	443.13	628.32	898.38	1,578.07	1,487.90	1,818.81