



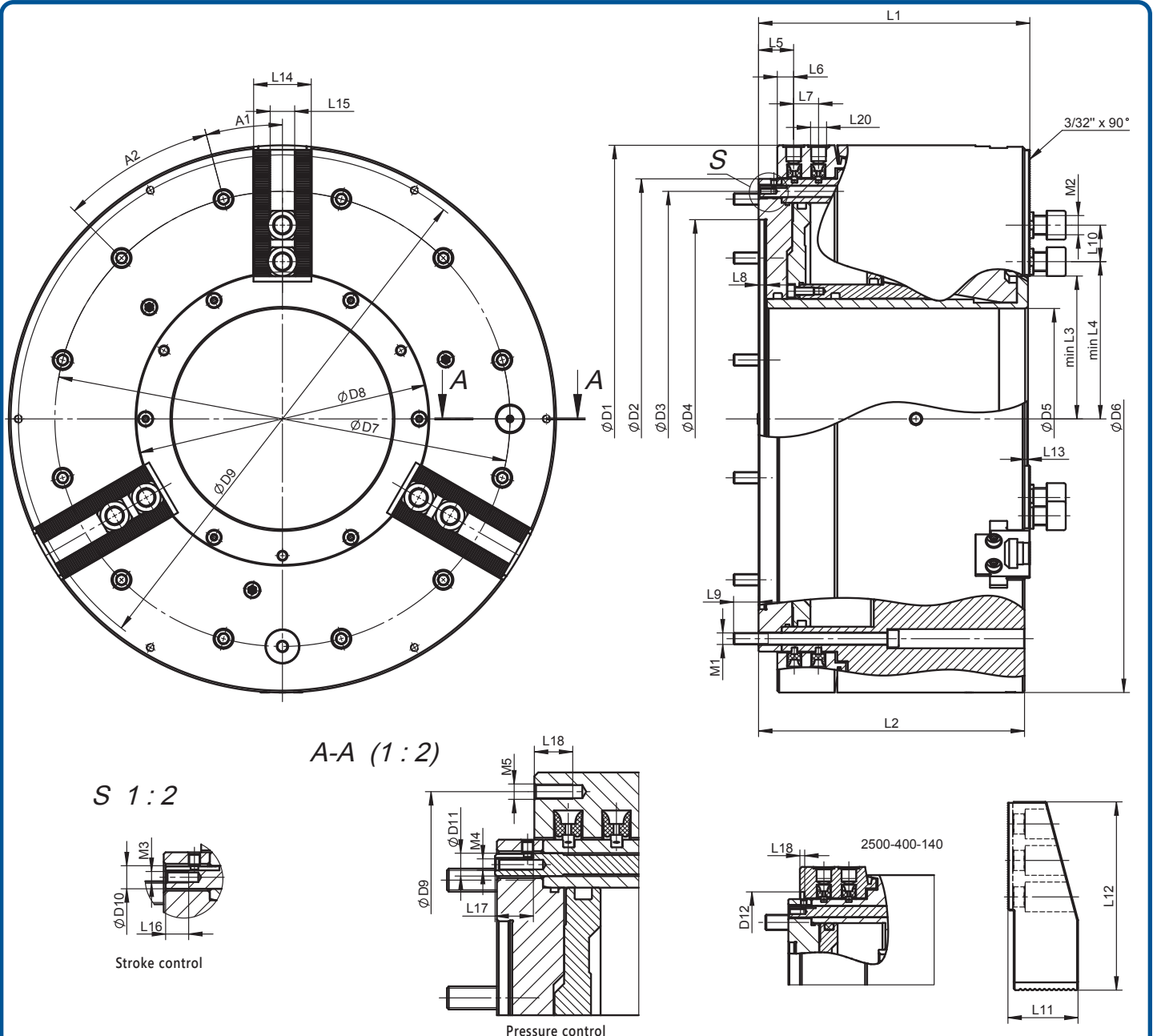
3-JAW POWER CHUCKS WITH PNEUMATIC CYLINDER

2500

- OUTSIDE DIAMETER CLAMPING
- RAPID IDLE AND SLOW CLAMPING STROKE



- 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



- OUTSIDE DIAMETER CLAMPING
- RAPID IDLE AND SLOW CLAMPING STROKE

Code No.	7-785-1600	7-785-2000	7-785-2500	7-785-3200	7-785-4000
Type	2500-400-140	2500-500-230	2500-630-325	2500-800-375	2500-1000-560
D1 [mm]	467	570	685	850	925
D2 [mm]	400	500	610	775	850
D3 [mm]	374	474	580	745	815
D4 [mm]	310	415	510	700	700
D5 [mm] Through-hole	140	230	325	375	560
D6 [mm]	450	570	685	850	1000
D7 [mm]	374	474	580	745	815
D8 [mm]	205	308	400	450	635
D9 [mm]	430	550	666	830	910
D10 [mm]	12	12	12	12	12
D11 [mm]	12	12	12	12	12
D12 [mm]	415	-	-	-	-
L1 [mm]	246.2	282.2	307.5	354	332
L2 [mm]	241	277	302	348.5	326.5
L3 [mm]	100	149	209	244	328
L4 [mm]	113.5	164	230	268	360
L5 [mm]	37	36.5	39.5	44.5	52.5
L6 [mm]	25	17	19.5	19.5	19.5
L7 [mm]	26	26	33	33	33
L8 [mm]	8	8	8	8	10
L9 [mm]	24	26	30	30	30
L10 [mm]	40	36	43	45	43
L11 [mm]	50	73	82	82	82
L12 [mm]	168	196	245	320	320
L13 [mm]	3.6	3.6	3.6	3.6	3.6
L14 [mm]	60	60	70	70	70
L15 [mm]	25.5	25.5	25.5	25.5	25.5
L16 [mm]	12	12	12	12	12
L17 [mm]	20	20	20	20	20
L18 [mm]	10	20	20	20	20
L19 [mm]	5	-	-	-	-
L20 [in]	3/8"	3/8"	3/8"	1/2"	1/2"
A1	20°	15°	15°	15°	15°
A2	40°	30°	30°	30°	30°
A3	30°	-	-	-	-
M1	9xM16	12xM12	12xM16	12xM16	12xM16
M2	M20	M20	M20	M20	M20
M3	M6	M6	M6	M6	M6
M4	M6	M6	M6	M6	M6
M5	6xM8	6xM8	6xM8	6xM8	6xM8
Jaw stroke [mm]	19	25.4	25.7	25.7	25.7
Clamping jaw stroke [mm]	7	8.6	8.6	8.6	8.6
Rapid jaw stroke [mm]	12	16.8	16.8	16.8	16.8
Operating pressure min./max. [MPa]	0.2/0.8	0.2/0.8	0.3/1	0.3/1	0.3/1
Clamping force (0,6 MPa) [kN]	130	180	200	200	170
Max. speed [rpm]	1,300	1,000	900	750	450
Moment of inertia [kgm²]	6.3	16.8	36	105	160
Weight without top jaws [kg]	485.90	750.89	1,388.91	2,138.48	2,116.44