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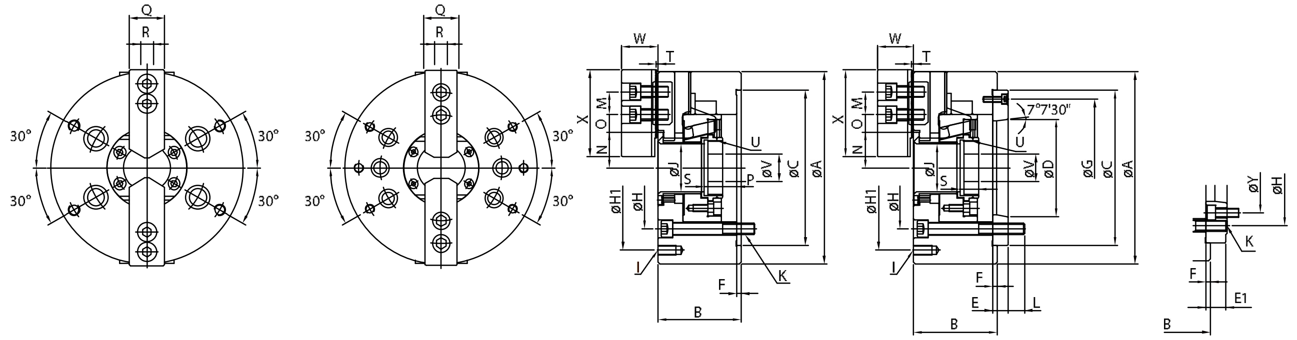
HYDRAULIC CHUCKS SERIES СЕРИЯ ГИДРАВЛИЧЕСКИХ ПАТРОНОВ

HYDRAULIC CHUCKS SERIES СЕРИЯ ГИДРАВЛИЧЕСКИХ ПАТРОНОВ

2-JAW HIGH SPEED HOLLOW POWER CHUCKS

ДВУХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

US2SH



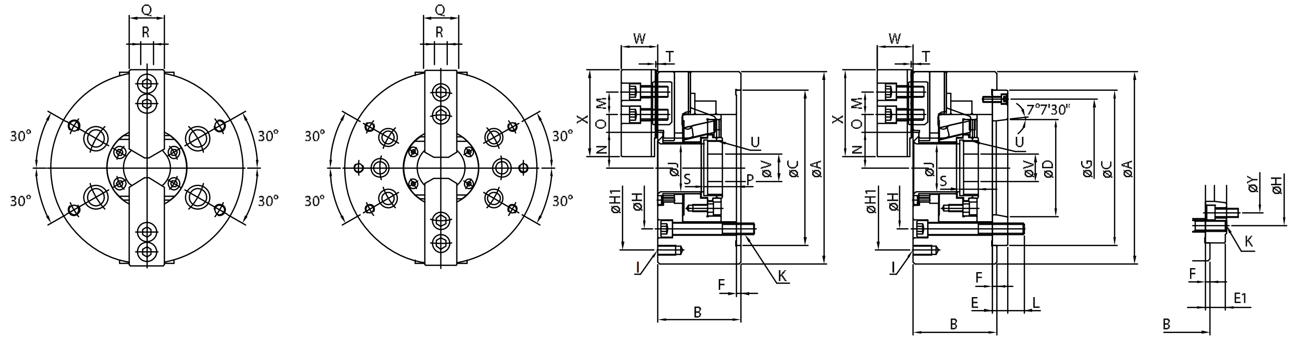
EDP.	Nose of Spindle	A	B	C (h6)	D	E	E1	F	G	H	H1	I	J	K	L
JC204H20	-	110	59	85	-	-	-	4	-	70.6	-	-	26	4-M10x1.5P	-
JC205H20	A2-4	135	60	110	63.513	20	-	4	96	82.6	PCDØ118	4-M8x1.25P	33	4-M10x1.5P	15
JC206H20	A2-5	169	81	140	82.563	15	-	5	116	104.8	PCDØ145	6-M10x1.5P	45	6-M10x1.5P	16
JC208H20	A2-6(A2-5)	210	91	170	106.375	17	23	5	150	133.4	PCDØ180	6-M10x1.5P	52	6-M12x1.75P	18
JC210H20	A2-8(A2-6)	254	100	220	139.719	18	28	5	190	171.4	PCDØ225	6-M12x1.75P	75	6-M16x2P	19
JC212H20	A2-8	304	110	220	139.719	18	-	6	190	171.4	PCDØ250	6-M12x1.75P	91	6-M16x2P	25
JC215H20	A2-11(A2-8)	381	133	300	196.869	22	33	6	260	235	PCDØ324	6-M12x1.75P	117.5	6-M20x2.5P	28

EDP.	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y	Thru--Hole [Dia-meter] (mm)	Plunger Stroke (mm)
JC204H20	14	23	20.3	11.5	6.7	3.5	-6.5	23	10	17.5	2	M32x1.5P	12	24	49.5	-	26	10
JC205H20	14	26.2	23.5	19	6	1	-9	25	10	20	2	M40x1.5P	12	31.5	62	-	33	10
JC206H20	20	32.35	29.6	24	7	11	-1	31	12	19	2	M55x2P	20	37.5	73	-	45	12
JC208H20	25	39.1	35.4	30	10	14.5	-1.5	35	14	20.5	2	M60x2P	30	39.5	95	104.8	52	16
JC210H20	30	51.5	47.1	34	12	8.5	-10.5	40	16	25	2	M85x2P	40	43	110	133.4	75	19
JC212H20	30	61.6	56.3	46	12	8	-15	50	21	28	2	M100x2P	50	51	129	-	91	23
JC215H20	43	82.3	77	46	13	7.5	-16	62	22	42.5	5	M130x2P	48	66.5	165	171.4	117.5	23

2-JAW HIGH SPEED HOLLOW POWER CHUCKS

ДВУХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

US2SH

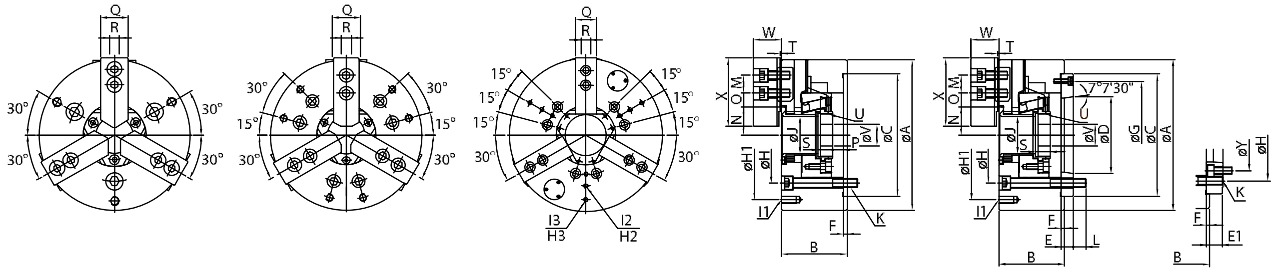


EDP.	Jaw Stroke [Diameter] (mm)	Max. Speed r.p.m.(min-1)	Max. Pull Force kgf (KN)	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2(Mpa)	Weight (kg)	Mat-ching Cylinder	Gripping Range
JC204H20	5.4	8000	920 (9)	1930 (19)	15.5 (1.5)	3.6	P0928	Ø7~Ø110
JC205H20	5.4	7000	1120 (11)	2340 (23)	19 (1.9)	6.5	P1036	Ø10~Ø135
JC206H20	5.5	6000	1420 (14)	3770 (37)	18.5 (1.8)	13.1	P1246	Ø13~Ø169
JC208H20	7.4	5000	2240 (22)	5710 (56)	17 (1.7)	23.0	P1552	Ø13~Ø210
JC210H20	8.8	4200	2850 (28)	7440 (73)	18 (1.8)	35.9	P1875	Ø30~Ø254
JC212H20	10.6	3300	3670 (36)	9690 (95)	18 (1.8)	56.6	P2091	Ø35~Ø304
JC215H20	10.6	2500	4790 (47)	12130 (119)	17 (1.7)	103.2	P2511	Ø35~Ø38

3-JAW HIGH SPEED HOLLOW POWER CHUCKS

ТРЁХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

US3SH



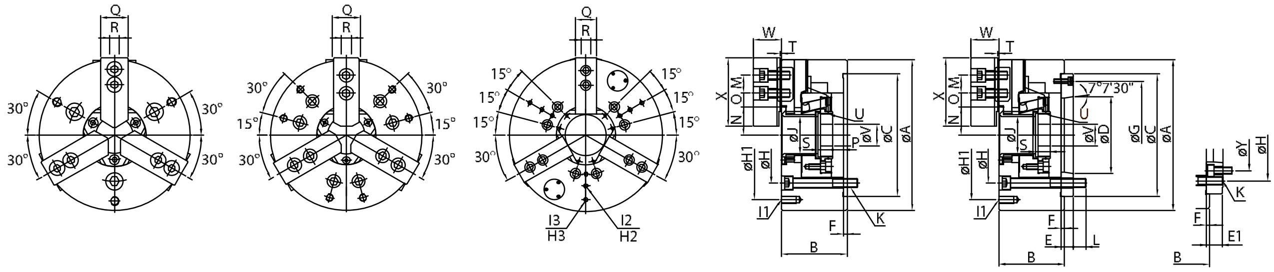
EDP.	Nose of Spin-dle	A	B	C (h6)	D	E	E1	F	G	H	H1	I1	H2	I2	H3
JC204H30	-	110	59	85	-	-	-	4	-	70.6	-	-	-	-	-
JC205H30	A2-4	135	60	110	63.513	20	-	4	96	82.6	Ø118	3-M8×1.25P	-	-	-
JC206H30	A2-5	169	81	140	82.563	15	-	5	116	104.8	Ø145	6-M10×1.5P	-	-	-
JC208H30	A2-6(A2-5)	210	91	170	106.375	17	23	5	150	133.4	Ø180	6-M10×1.5P	-	-	-
JC210H30	A2-8(A2-6)	254	100	220	139.719	18	28	5	190	171.4	Ø225	6-M12×1.75P	-	-	-
JC212H30	A2-8	304	110	220	139.719	18	-	6	190	171.4	Ø250	6-M12×1.75P	-	-	-
JC215H30	A2-11(A2-8)	381	133	300	196.869	22	33	6	260	235	-	-	Ø230	3-M12×1.75P	Ø300
JC218H30	A2-11(A2-8)	450	133	300	196.869	22	33	6	260	235	Ø230	3-M12×1.75P	Ø300	3-M12×1.75P	Ø380
JC221H30	A2-15(A2-11)	530	140	380	285.775	27	41	6	330.2	330.2	Ø300	3-M16×2P	Ø380	3-M16×2P	Ø460
JC224H30	A2-20(A2-15)	610	149	520	412.745	27	42	6	463.6	463.6	Ø350	3-M16×2P	Ø450	3-M16×2P	Ø550
JC210BHH30	A2-8(A2-6)	254	100	220	139.719	18	28	5	190	171.4	-	-	Ø160	3-M12×1.75P	Ø220
JC212BHH30	A2-8	304	108	220	139.719	18	-	6	190	171.4	-	-	Ø170	3-M16×2P	Ø260

EDP.	I3	J	K	L	M	N max.	N min	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X
JC204H30	-	26	3-M10×1.5P	-	14	23	20.3	11.5	6.7	3.5	-6.5	23	10	17.5	2	M32×1.5P	12	24	49.5
JC205H30	-	33	3-M10×1.5P	15	14	26.2	23.5	19	6	1	-9	25	10	20	2	M40×1.5P	12	31.5	62
JC206H30	-	45	6-M10×1.5P	16	20	32.35	29.6	24	7	11	-1	31	12	19	2	M55×2P	20	37.5	73
JC208H30	-	52	6-M12×1.75P	18	25	39.1	35.4	30	10	14.5	-1.5	35	14	20.5	2	M60×2P	30	39.5	95
JC210H30	-	75	6-M16×2P	19	30	51.5	47.1	34	12	8.5	-10.5	40	16	25	2	M85×2P	40	43	110
JC212H30	-	91	6-M16×2P	25	30	61.6	56.3	46	12	8	-15	50	21	28	2	M100×2P	50	51	129
JC215H30	3-M12×1.75P	117.5	6-M20×2.5P	28	43	82.3	77	46	13	7.5	-16	62	22	42.5	5	M130×2P	48	66.5	165
JC218H30	3-M12×1.75P	120	6-M20×2.5P	28	43	83.8	78.5	78	18	7.5	-16	62	22	42.5	5	M130×2P	48	66.5	165
JC221H30	3-M16×2P	180	6-M24×3P	33	60	119.6	114.3	63.3	21.3	10.5	-13	65	25	42.5	5	M195×2P	80	73.5	180
JC224H30	3-M16×2P	205	6-M24×3P	37	60	134.4	128.4	87.3	21.3	13.5	-11	65	25	42.5	5	M220×3P	80	73.5	180
JC210BHH30	3-M12×1.75P	78	6-M16×2P	24	30	53.1	48.6	33.55	11.05	8.95	-10.55	40	16	25	2	M87×2P	40	43	110
JC212BHH30	3-M16×2P	93	6-M16×2P	27	30	63.7	58.7	45.55	12.55	8.65	-13.05	50	21	26	2	M103×2P	50	51	129

3-JAW HIGH SPEED HOLLOW POWER CHUCKS

ТРЁХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

US3SH

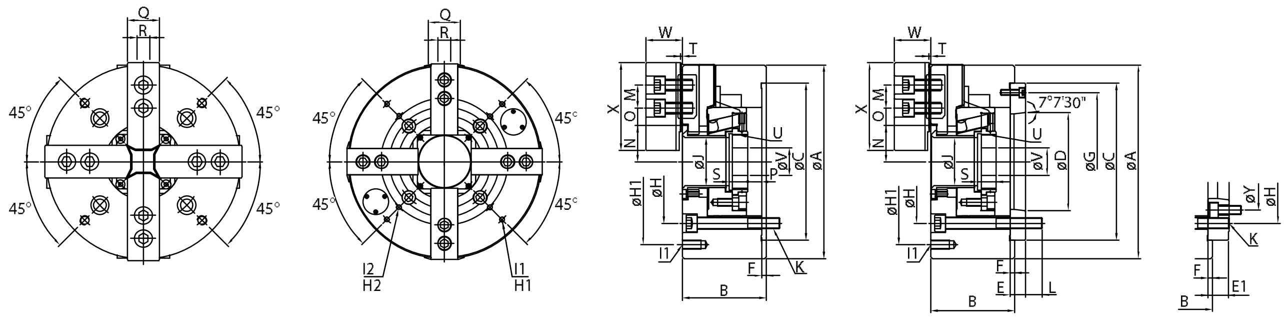


EDP.	Y	Thru-Hole [Diameter] (mm)	Plunger Stroke (mm)	Jaw Stroke [Diameter] (mm)	Max. Speed r.p.m. (min-1)	Max. Pull Force kgf (KN)	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2(Mpa)	Weight (kg)	Matching Cylinder	Gripping Range
JC204H30	-	26	10	5.4	8000	1428(14)	2850(28)	24(2.3)	3.8	P0928	Ø7~Ø110
JC205H30	-	33	10	5.4	7000	1730(17)	3570(35)	29(2.8)	6.1	P1036	Ø10~Ø135
JC206H30	-	45	12	5.5	6000	2140(21)	5710(56)	28(2.7)	12.5	P1246	Ø13~Ø169
JC208H30	104.8	52	16	7.4	5000	3360(33)	8360(82)	26(2.5)	21.9	P1552	Ø13~Ø210
JC210H30	133.4	75	19	8.8	4200	4280(42)	11010(108)	27(2.6)	33.7	P1875	Ø30~Ø254
JC212H30	-	91	23	10.6	3300	5500(54)	14380(141)	27(2.6)	55.3	P2091	Ø35~Ø304
JC215H30	171.4	117.5	23	10.6	2500	7140(70)	18250(179)	24.5(2.4)	106.8	P2511	Ø35~Ø381
JC218H30	171.4	120	23	10.6	2000	7140(70)	18250(179)	24.5(2.4)	152	P2511	Ø40~Ø450
JC221H30	235	180	23	10.6	1700	9080(89)	23760(233)	31.5(3.0)	195.2	P3420	Ø115~Ø530
JC224H30	330.2	205	26	12	1400	9080(89)	23760(233)	31.5(3.0)	269.4	P3420	Ø140~Ø610
JC210BHH30	133.4	78	19.5	9	4200	4280(42)	11010(108)	27(2.6)	36.7	P1878	Ø30~Ø254
JC212BHH30	-	93	21	10	3300	5500(54)	14380(141)	28(2.7)	57.4	P2093	Ø35~Ø304

4-JAW HIGH SPEED HOLLOW POWER CHUCKS

ЧЕТЫРЁХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

US4SH



EDP.	Nose of Spindle	A	B	C (h6)	D	E	E1	F	G	H	H1	I1	H2	I2
JC206H40	A2-5	169	81	140	82.563	15	-	5	116	104.8	Ø145	4-M10×1.5P	--	--
JC208H40	A2-6(A2-5)	210	91	170	106.375	17	23	5	150	133.4	Ø180	4-M10×1.5P	--	--
JC210H40	A2-8(A2-6)	254	100	220	139.719	18	28	5	190	171.4	Ø225	4-M12×1.75P	--	--
JC212H40	A2-8	304	110	220	139.719	18	-	6	190	171.4	Ø250	4-M12×1.75P	--	--
JC215H40	A2-11(A2-8)	381	133	300	196.869	22	33	6	260	235	Ø324	4-M12×1.75P	--	--
JC218H40	A2-11(A2-8)	450	133	300	196.869	22	33	6	260	235	Ø300	4-M12×1.75P	Ø380	4-M12×1.75P

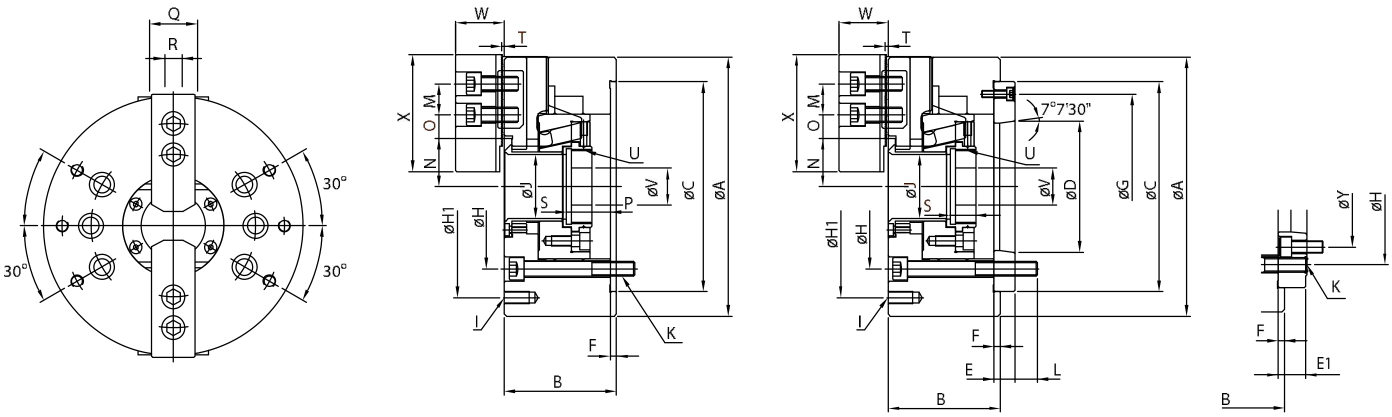
EDP.	J	K	L	M	N max.	N min	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y
JC206H40	45	4-M10×1.5P	16	20	32.35	29.6	24	7	11	-1	31	12	19	2	M55×2P	20	37.5	73	-
JC208H40	52	4-M12×1.75P	18	25	39.1	35.4	30	10	14.5	-1.5	35	14	20.5	2	M60×2P	30	39.5	95	104.8
JC210H40	75	4-M16×2P	19	30	51.5	47.1	34	12	8.5	-10.5	40	16	25	2	M85×2P	40	43	110	133.4
JC212H40	91	4-M16×2P	25	30	61.6	56.3	46	12	8	-15	50	21	28	2	M100×2P	50	51	129	-
JC215H40	117.5	4-M20×2.5P	28	43	82.3	77	46	13	7	-16	62	22	42.5	5	M130×2P	48	66.5	165	171.4
JC218H40	120	4-M20×2.5P	28	43	83.8	78.5	78	16.5	7	-16	62	22	42.5	5	M130×2P	48	66.5	165	171.4

EDP.	Thru-Hole [Diameter] (mm)	Plunger Stroke (mm)	Jaw Stroke [Diameter] (mm)	Max. Speed r.p.m. (min-1)	Max. Pull Force kgf (KN)	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/ cm2(Mpa)	Weight (kg)	Matching Cylinder	Gripping Range
JC206H40	45	12	5.5	4500	1630 (16)	4180 (41)	21 (2.1)	14.2	P1246	Ø22~Ø169
JC208H40	52	16	7.4	3600	2440 (24)	6010 (59)	19 (1.9)	24.5	P1552	Ø25~Ø210
JC210H40	75	19	8.8	3200	3160 (31)	8050 (79)	20 (2.0)	38.1	P1875	Ø28~Ø254
JC212H40	91	23	10.6	2500	4080 (40)	10400 (102)	20 (2.0)	60.5	P2091	Ø35~Ø304
JC215H40	117.5	23	10.6	1800	5400 (53)	13600 (134)	19 (1.9)	111.5	P2511	Ø63~Ø381
JC218H40	120	23	10.6	1500	5400 (53)	13600 (134)	19 (1.9)	164.5	P2511	Ø80~Ø450

2-JAW LONG STROKE HOLLOW POWER CHUCK

ДВУХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ И ДЛИННЫМ ХОДОМ КУЛАЧКОВ

US2LS



EDP.	Nose of Spindle	A	B	C (h6)	D	E	E1	F	G	H	H1	I	J	K	L
JC206H20	A2-5	173	87	140	82.563	15	-	5	116	104.8	Ø145	6-M10×1.5P	45	6-M10×1.5P	15
JC208H20	A2-6(A2-5)	215	103	170	106.375	17	23	5	150	133.4	Ø180	6-M10×1.5P	52	6-M12×1.75P	21
JC210H20	A2-8(A2-6)	256	112	220	139.719	18	28	5	190	171.4	Ø225	6-M12×1.75P	75	6-M16×2P	22

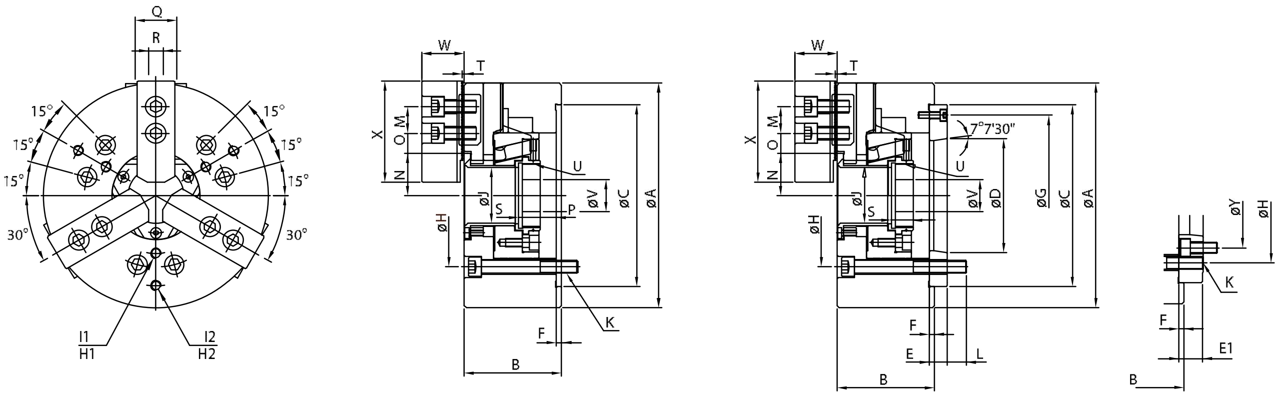
EDP.	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y	Thru--Hole [Dia-meter] (mm)	Plunger Stroke (mm)
JC206H20	20	39.07	33.46	21.05	10.55	11	-4	31	12	19	2	M55×2P	20	37.5	73	-	45	15
JC208H20	25	47.85	39.66	25.05	13.05	14.5	-7.5	35	14	20.5	2	M60×2P	30	39.5	95	104.8	52	22
JC210H20	30	61.34	52.06	29.05	12.55	8.5	-16.5	40	16	25	2	M85×2P	40	43	110	133.4	75	25

EDP.	Jaw Stroke [Diameter] (mm)	Max. Speed r.p.m.(min-1)	Max. Pull Force kgf (KN)	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2(Mpa)	Weight (kg)	Mat-ching Cylinder	Gripping Range
JC206H20	10.8	4300	1420 (14	2650 (26)	18.5(1.8)	14.5	P1246	Ø20~Ø173
JC208H20	16	3500	2240 (22)	3870 (38)	17 (1.7)	26.4	P1552	Ø25~Ø215
JC210H20	18	3000	2850 (28)	4990 (49)	18 (1.8)	39.5	P1875	Ø40~Ø256

3-JAW LONG STROKE HOLLOW POWER CHUCKS

ТРЁХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ И ДЛИННЫМ ХОДОМ КУЛАЧКОВ

US3LS



EDP.	Nose of Spindle	A	B	C (h6)	D	E	E1	F	G	H	H1	I1	H2
JC206LS	A2-5	173	87	140	82.563	15	-	5	116	104.8	Ø90	3-M8×1.25P	Ø140
JC208LS	A2-6(A2-5)	215	103	170	106.375	17	23	5	150	133.4	Ø120	3-M8×1.25P	Ø170
JC210LS	A2-8(A2-6)	256	112	220	139.719	18	28	5	190	171.4	Ø160	3-M12×1.75P	Ø220

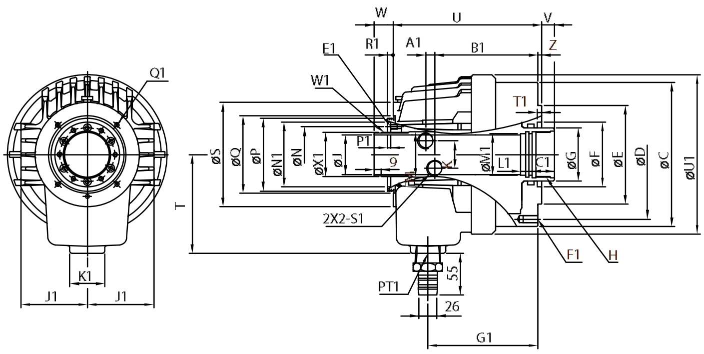
EDP.	I2	J	K	L	M	N max.	N min	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X
JC206LS	3-M8×1.25P	45	6-M10×1.5P	15	20	39.07	33.46	21.05	10.55	11	-4	31	12	19	2	M55×2P	20	37.5	73
JC208LS	3-M8×1.25P	52	6-M12×1.75P	21	25	47.85	39.66	25.05	13.05	14.5	-7.5	35	14	20.5	2	M60×2P	30	39.5	95
JC210LS	3-M12×1.75P	75	6-M16×2P	22	30	61.34	52.06	29.05	12.55	8.5	-16.5	40	16	25	2	M85×2P	40	43	110

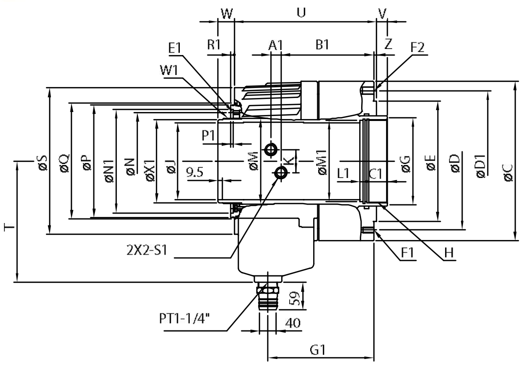
EDP.	Y	Thru-Hole [Diameter] (mm)	Plunger Stroke (mm)	Jaw Stroke [Diameter] (mm)	Max. Speed r.p.m. (min-1)	Max. Pull Force kgf (KN)	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2(Mpa)	Weight (kg)	Matching Cylinder	Gripping Range
JC206LS	-	45	15	10.8	4300	2140(21)	4080(40)	28(2.7)	14.9	P1246	Ø20~Ø173
JC208LS	104.8	52	22	16	3500	3360(33)	5910(58)	26(2.5)	37	P1552	Ø25~Ø215
JC210LS	133.4	75	25	18	3000	4280(42)	7540(74)	27(2.6)	40.6	P1875	Ø40~Ø256

SUPER HIGH SPEED HOLLOW ROTARY HYDRAULIC CYLINDERS

ВЫСОКОСКОРОСТНЫЕ ГИДРОЦИЛИНДРЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

RHCSS





EDP.	A1	B1	C	C1	D	D1	E (h7)	E1	F	F1	F2	G	G1	H	J	J1	K
HC0928	9	109	120	25	100	-	80	8-M5x0.8P	60	6-M8x1.25P	-	45	114	M38x1.5P	28	60	25
HC1036	11	120	136	25	115	-	100	6-M5x0.8P	65	6-M10x1.5P	-	48	126	M42x1.5P	36	68	32
HC1246	12	126.5	155	30	130	-	100	6-M6x1P	80	12-M10x1.5P	-	65	133	M55x2P	46	76	36
HC1552	12	136	190	30	170	-	130	6-M6x1P	85	12-M10x1.5P	-	70	145	M60x2P	52	87.5	36
HC1875	17.5	154.5	215	35	190	-	160	6-M6x1P	125	12-M10x1.5P	-	95	163.5	M85x2P	75	101	36
HC1878	17.5	154.5	215	35	190	-	160	6-M6x1P	125	12-M12x1.5P	-	98.5	163.5	M87x2P	78	101	36
HC2091	21	168	240	35	215	-	180	6-M6x1P	140	12-M12x1.75P	-	110	183	M100x2P	91	110	36
HC2093	21	168	240	35	215	-	180	6-M6x1P	140	12-M12x1.75P	-	115	183	M103x2P	93	110	36
HC2511	27	191	310	45	275	-	230	6-M6x1P	166	12-M16x2P	-	140	218	M130x2P	117.5	135	40
HC2816	22	201	345	45	298	305	260	6-M8x1.25P	220	12-M12x1.75P	12-M16x2P	195	229	M180x3P	166.5	180	50
HC3420	22	223	405	45	360	-	320	6-M8x1.25P	260	12-M20x2.5P	-	235	247	M220x3P	205	210	50
HC2816L	22	217	345	45	298	305	260	6-M8x1.25P	220	12-M12x1.75P	12-M16x2P	195	245	M180x3P	166.5	180	50

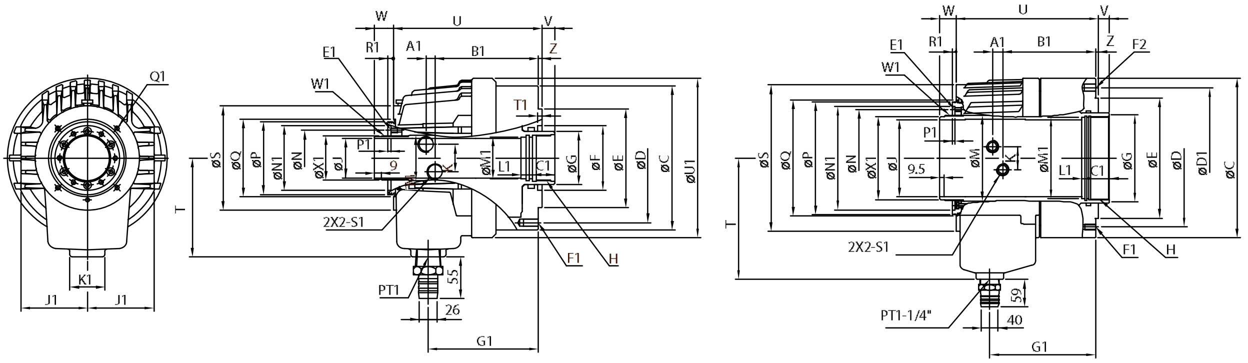
EDP.	K1	L1	M	M1
HC0928	46	15	34.6	34
HC1036	46	15	44.6	38
HC1246	46	15	52.9	50
HC1552	46	15	59.6	55
HC1875	46	15	84.6	80
HC1878	46	15	84.6	83
HC2091	46	15	99.6	95
HC2093	46	15	99.6	100
HC2511	46	15	134.6	125
HC2816	60	15	185	176.5
HC3420	60	20	225	210
HC2816L	60	15	185	176.5

1. Compact & Lightweight: Aluminum-Alloy made outer structure makes the weight lighter than the traditional rotary cylinders; meanwhile, the compactness and miniaturization enhance the stability and lower the burden of machines.
2. Large Thru-hole Diameter: With large open center, gripping range of Bar stock can be increased.
3. Built-in Check Valve: With built-in " check valve", work pieces can be effectively prevented from fl ying out during abrupt failure of pressure.
4. Easy for Heat Dissipation: The well-designed radiator fi ns can achieve good performance of Heat Dissipation of Cylinders.

SUPER HIGH SPEED HOLLOW ROTARY HYDRAULIC CYLINDERS

ВЫСОКОСКОРОСТНЫЕ ГИДРОЦИЛИНДРЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

RHCSS



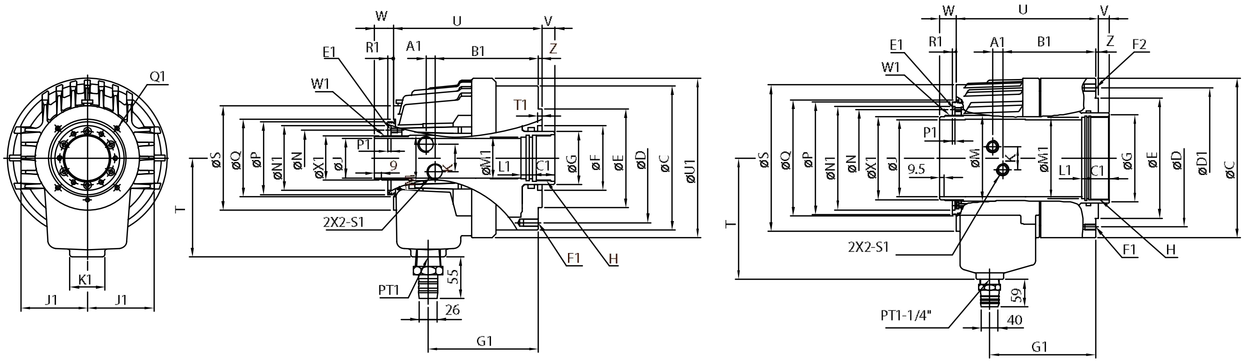
EDP.	N	N1	P	P1	Q	Q1	R1	S	S1	T	T1	U	U1	V max.	V min.	W max.	W1
HC0928	44	53	59	4	64.8	4-M4x0.7P(PCD Ø76)	5	95	PT1/4	105	4	159	137	9.05	-0.95	33.95	M34x1.5P
HC1036	55	64	73	6	80	4-M5x0.8P(PCD Ø88)	5	105	PT3/8	115	6	179	154	10	-5	39	M44x1.5P
HC1246	64	76	85	4	90	4-M5x0.8P(PCD Ø98)	6	116	PT1/2	115	6	184	172	10	-5	40	M52x1.5 P
HC1552	73	85	96	4	102	4-M6x1P(PCD Ø110)	7	135	PT1/2	130	6	196	210	17	-5	47	M58x1.5P
HC1875	98	108	121	4	131	4-M6x1P(PCD Ø155)	7	165	PT1/2	160	4	230	235	20	-5	50	M84x2P
HC1878	98	108	121	4	131	4-M6x1P(PCD Ø155)	7	165	PT1/2	160	4	230	235	20	-5	50	M84x2P
HC2091	108	120	138	4	147	4-M6x1P(PCD Ø165)	7	180	PT1/2	185	6	253	260	25	-5	55	M99x2P
HC2093	108	120	138	4	147	4-M6x1P(PCD Ø165)	7	180	PT1/2	185	6	253	260	25	-5	55	M99x2P
HC2511	148	160	178	5	184	4-M6x1P(PCD Ø206)	7	230	PT1/2	210	7	304	302	24	-6	55	M134x2P
HC2816	210	224	244	5	250	6-M6x1P(PCD Ø275)	7	310	PT3/4	262.5	-	308	-	24	-6	65	M185x3P
HC3420	250	264	284	5	290	6-M6x1P(PCD Ø315)	7	365	PT3/4	330	6	334	-	36	-6	77	M225x3P
HC2816L	210	224	244	5	250	6-M6x1P(PCD Ø275)	7	310	PT3/4	262.5	6	324	-	36	-6	77	M185x3P

EDP.	W min.	X1	Z	Piston Stroke (mm)
HC0928	23.95	31.8	5	10
HC1036	24	42	5	15
HC1246	25	50	5	15
HC1552	25	56	5	22
HC1875	25	81	5	25
HC1878	25	81	5	25
HC2091	25	96	5	30
HC2093	25	96	5	30
HC2511	25	130	6	30
HC2816	35	180	6	30
HC3420	35	220	6	42
HC2816L	35	180	6	42

SUPER HIGH SPEED HOLLOW ROTARY HYDRAULIC CYLINDERS

ВЫСОКОСКОРОСТНЫЕ ГИДРОЦИЛИНДРЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

RHCSS

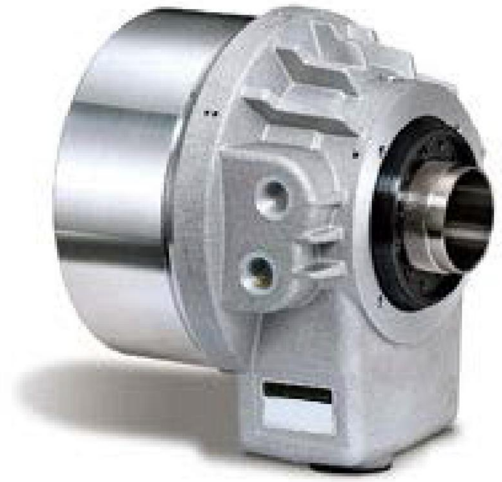


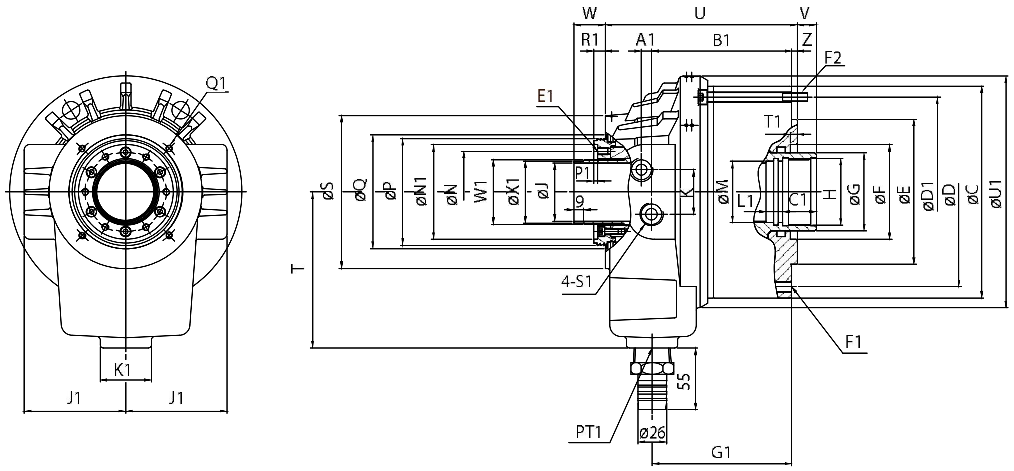
EDP.	Max. Speed r.p.m. (min-1)	Piston Dia (mm)	Moment of Inertia (kg. m2)	Oil Leakage Rate (ı/min)	Max. Pressure kgf/cm2 (Mpa)	Piston Area (cm2)		Max. Operating Force		Weight (kg)
						Push Side	Pull Side	Push Side kgf (KN)	Pull Side kgf (KN)	
HC0928	8000	90	0.008	3.0	40 (3.9)	54	47.5	2000 (19.6)	1750 (17.2)	6.5
HC1036	8000	105	0.012	3.0	40 (3.9)	70	68	2500 (24.5)	2400 (23.5)	9.0
HC1246	7000	125	0.019	3.0	40 (3.9)	100	89	3700 (36.2)	3200 (31.3)	11.9
HC1552	6200	155	0.053	3.9	40 (3.9)	160	150	5900 (57.8)	5500 (53.9)	17.3
HC1875	4700	180	0.096	4.2	40 (3.9)	198	183	7200 (70.5)	6700 (65.6)	26.1
HC1878	4700	180	0.096	4.2	40 (3.9)	198	178	7200 (70.5)	6500 (63.7)	25.5
HC2091	3800	205	0.16	4.5	40 (3.9)	252	235	9200 (90.1)	8600 (84.3)	33.3
HC2093	3800	205	0.16	4.5	40 (3.9)	252	226	9200 (90.1)	8313 (81.5)	32.9
HC2511	2800	250	0.5	7.0	40 (3.9)	348	336	12400 (121.5)	12000 (117.6)	63.0
HC2816	2000	280	1.6	8.4	40 (3.9)	346	317	12200 (119.6)	11200 (109.8)	96.3
HC3420	1600	340	3.2	10	35 (3.6)	510	474	15100 (148)	14100 (138.2)	-
HC2816L	2000	280	1.6	8.4	40 (3.9)	346	317	12200 (119.6)	11200 (109.8)	100.6

SUPER HIGH SPEED HOLLOW ROTARY HYDRAULIC CYLINDERS

ВЫСОКОСКОРОСТНЫЕ ГИДРОЦИЛИНДРЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

RHCSS





EDP.	A1	B1	C	C1	D	D1	E (h7)	E1	F	F1	F2	G	G1	H	J	J1	K
HC1246S	9	117.7	165	30	130	147	100	M6×1P	80	12-M10×1.5P	6-M8x1.25P	65	117	M55×2P	46	80	40
HC1552S	9	125.7	190	30	170	170	130	M6×1P	85	12-M10×1.5P	6-M 8x1.25P	70	125	M60×2P	52	91	40
HC1875S	11.6	143	215	35	190	196	160	M6×1P	125	12-M10×1.5P	6-M10x1.5P	95	143	M85×2P	75	107	40

EDP.	K1	L1	M	N	N1	P	P1	Q	Q1	R1	S	S1	T	T1	U	J1	K
HC1246S	46	15	50	64	76	85	4	90	4-M5x0.8P(PCDØ98)	10.5	121	PT 1/2	125	6	164.2	80	40
HC1552S	46	15	55	73	85	96	4	102	4-M6x1P(PCDØ110)	10.5	137	PT 1/2	140	6	172.2	91	40
HC1875S	46	15	80	98	108	120	4	126	4-M6x1P(PCDØ155)	10.5	165	PT 1/2	170	4	197.3	107	40

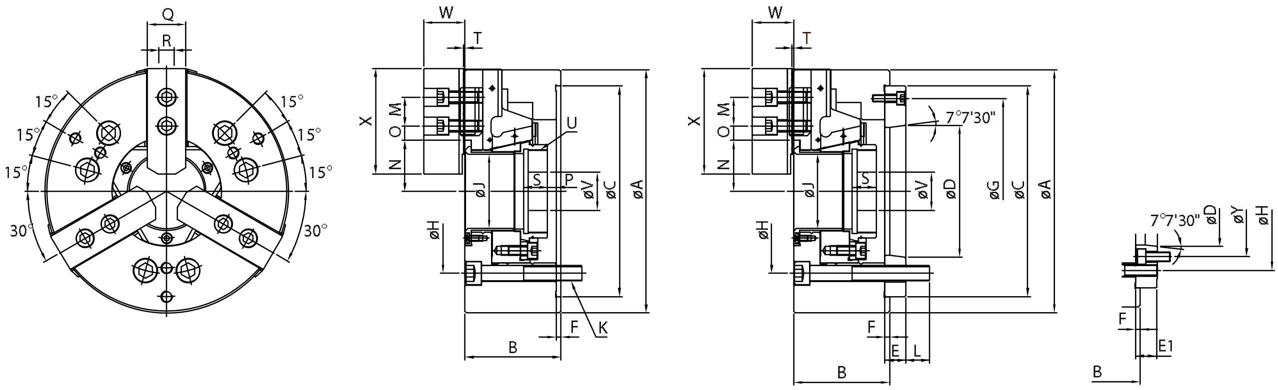
EDP.	U1	V max	V min	W max	W1	W min	X1	Z	Piston Stroke (mm)	Max. Speed r.p.m.(min-1)	Piston Dia (mm)
HC1246S	180	10.05	-4.95	44.25	M52x1.5P	29.25	49.8	5	15	7000	125
HC1552S	205	17.05	-4.95	50.15	M58x1.5P	28.15	55.8	5	22	6200	155
HC1875S	231	20.05	-4.95	53.15	M84x2P	28.15	80.8	5	25	4700	180

EDP.	Moment of Inertia (kg.m2)	Oil Leakage Rate (l/min)	Max. Pressure	Piston Area (cm2)		Max. Operating Force	
			Kgf/cm2 (Mpa)	Push Side	Pull Side	Push Side Kgf (KN)	Pull Side Kgf (KN)
HC1246S	0.019	3.0	40 (3.9)	100	89	3700 (36.2)	3200 (31.3)
HC1552S	0.053	3.9	40 (3.9)	160	150	5900 (57.8)	5500 (53.9)
HC1875S	0.096	4.2	40 (3.9)	198	183	7200 (70.5)	6700 (65.6)

LARGE THROUGH HOLE 3-JAW HIGH SPEED POWER CHUCK

ТРЁХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С БОЛЬШИМ ПРОХОДНЫМ ОТВЕРСТИЕМ

US3LT



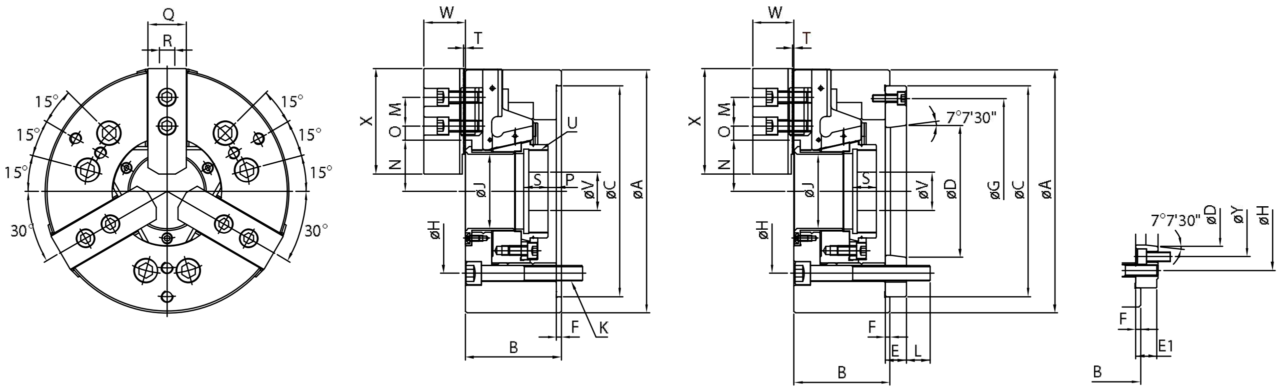
EDP.	Nose of Spindle	A	B	C (h6)	D	E	E1	F	G	H	J	K
JC206H31	A2-5	170	81	140	Ø82.563	-	20	5	-	Ø122	52	6-M10×1.5P
JC208H31	A2-6	215	91	170	Ø106.375	-	22	5	-	Ø150	66	6-M12×1.75P
JC210H31	A2-8	256	100	220	Ø139.719	-	28	5	-	Ø180	81	6-M16×2P
JC212H31	A2-11(A2-8)	315	108	300	Ø139.719	22	33	5	260	Ø235	106	6-M20×2.5P
JC215H31	A2-15(A2-11)	405	133	380	Ø285.775	27	41	6	330.2	Ø330.2	142	6-M24×3P
JC218H31	A2-15(A2-11)	455	134	380	Ø196.869	27	41	6	330.2	Ø330.2	166.5	6-M24×3P

EDP.	L	M	N max.	N min.	O max	O min.	P max.	P min.	Q	R	S	T	U
JC206H31	-	20	36.35	33.6	21.1	9.1	7	-5	31	12	23	2	M60 x 2P
JC208H31	-	25	46.6	42.9	26.6	11.6	10	-6	35	14	25	2	M75 x 2P
JC210H31	-	30	54.6	50.1	33.1	13.6	8.5	-10.5	40	16	25	2	M90 x 2P
JC212H31	27	30	69.7	64.3	45.6	12.6	8	-15	50	21	28	2	M115 x 2P
JC215H31	32	43	95.1	89.5	43.55	16.55	8	-15	62	22	42.5	5	M155 x 2P
JC218H31	32	43	108.29	102.45	35.55	16.55	11.5	-13	62	22	38	5	M180 x 3P

LARGE THROUGH HOLE 3-JAW HIGH SPEED POWER CHUCK

ТРЁХКУЛАЧКОВЫЕ ВЫСОКОСКОРОСТНЫЕ ПАТРОНЫ С БОЛЬШИМ ПРОХОДНЫМ ОТВЕРСТИЕМ

US3LT



EDP.	V	W	X	Y	Thru-Hole [Diameter] (mm)	Plunger Stroke (mm)	Jaw Stroke [Diameter] (mm)	Max. Speed r.p.m. (min-1)
JC206H31	20	37.5	73	104.8	52	12	5.5	6000
JC208H31	30	39.5	80	133.4	66	16	7.4	5000
JC210H31	40	43	110	171.4	81	19	8.8	4200
JC212H31	50	51	129	171.4	106	23	10.6	3400
JC215H31	80	66	165	235	142	23	10.6	2500
JC218H31	80	66	165	235	166.5	24.5	11.3	2000

EDP.	Max. Pull Force		Max. Gripping Force		Max. Hydr. Pressure		Weight (kg)	Matching Cylinder	Gripping Range
	kgf	(KN)	kgf	(KN)	kgf/cm2	(Mpa)			
JC206H31	2200	(21.5)	5900	-58	21	(2.0)	12.3	P1452S	Ø13~Ø170
JC208H31	3400	-33	8800	-86	26	(2.5)	21.7	P1666S	Ø50~Ø215
JC210H31	4300	-42	11100	-109	29	(2.8)	33.6	P1881S	Ø34~Ø254
JC212H31	5600	-55	14580	-143	18	(1.8)	57.7	P2511	Ø50~Ø315
JC215H31	7240	-71	18250	-179	26	(2.5)	-	P2816	Ø60~Ø405
JC218H31	7240	-71	18250	-179	26	(2.5)	165	P2816	Ø80~Ø455

LARGE THROUGH HOLE SUPER THIN HOLLOW ROTARY HYDRAULIC CYLINDER

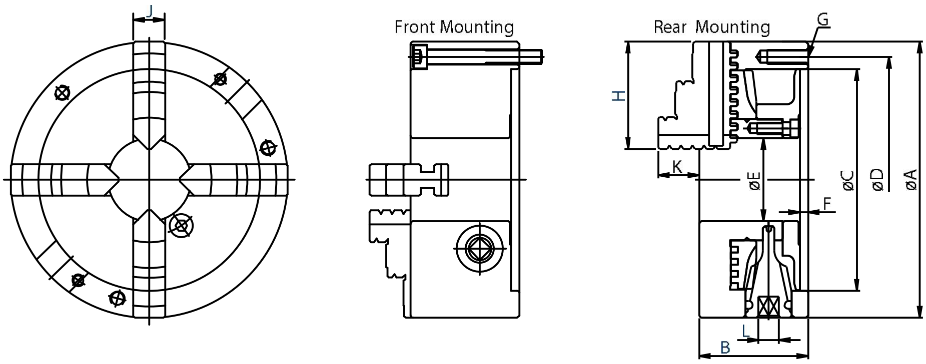
КОМПАКТНЫЕ ГИДРОЦИЛИНДРЫ С БОЛЬШИМ ПРОХОДНЫМ ОТВЕРСТИЕМ

RHCLT

1.Super thin & Lightweight:
Super thin outer structure makes the weight lighter than the traditional rotary cylinders;
meanwhile, the compactness and miniaturization lower the burden of machines.

2.Large Thru-hole Diameter: With large open center, gripping range of Bar stock can be increased.

3.Built-in Check Valve:
With built-in " check valve", work pieces can be effectively prevented from flying out during abrupt failure of pressure.



EDP.	A1	B1	C	C1	D	E	E1	F	F1	F2	G	G1	H	H1
HC1452S	9	109.2	180	30	165	140	M6×1P	85	12-M10×1.5P	6-M8×1.25P	70	113.9	M60×2P	120
HC1666S	9	120.7	209	35	190	168	M6×1P	95	12-M12×1.75P	6-M10×1.5P	85	125.4	M75×2P	145
HC1881S	10.7	133.7	222	35	205	168	M6×1P	110	12-M12×1.75P	6-M10×1.5P	100	139.2	M90×2P	166

EDP.	J	J1	K	K1	L1	M1	N	N1	P	P1	Q	Q1	R1	S	S1	T	T1	U
HC1452S	52	83	40	46	15	55	73	85	96	4	102	M6 x 1P	10.5	137	PT 1/2	130	4	155.7
HC1666S	66	99	40	46	15	70	88	100	111	4	117	M6 x 1P	10.5	161	PT 1/2	150	5	170.2
HC1881S	81	107.5	40	46	15	85	103	113	126	4	132	M6 x 1P	10.5	176	PT 1/2	175	5	189.2

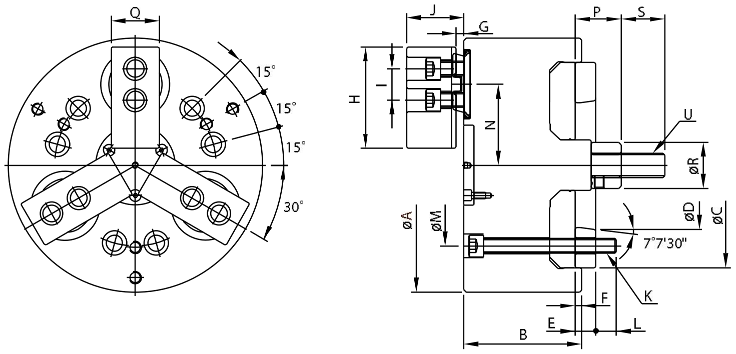
EDP.	U1	V max	V min	W max	W1	W min	X1	Z	Piston Stroke (mm)	Max. Speed r.p.m.(min-1)	Piston Dia (mm)
HC1452S	201	17	-3	48.2	M58x1.5P	28.2	55.8	5	20	6500	145
HC1666S	229	19	-3	50.2	M74x1.5P	28.2	71.8	5	22	5600	165
HC1881S	244	21.1	-3.9	53.2	M89x2P	28.2	85.8	5	25	4800	180

EDP.	Moment of Inertia (kg.m2)	Oil Leakage Rate (l/min)	Max. Pressure Kgf/cm2 (Mpa)	Piston Area (cm2)		Max. Operating Force		Weight
				Push Side	Pull Side	Push Side Kgf (KN)	Pull Side Kgf (KN)	
HC1452S	0.035	3.9	40(3.9)	137	126	4860(47.6)	4464(43.7)	12.3
HC1666S	0.07	4	40(3.9)	170	157	6048(59.3)	5580(54.7)	17.4
HC1881S	0.09	4.3	40(3.9)	191	175	6804(66.7)	6264(61.4)	21.9

PULL BACK POWER CHUCKS

ВТЯГИВАЮЩИЕ ТОКАРНЫЕ ПАТРОНЫ

US3PB



EDP.	A	B	C	D	E	F	G max.	G min	H	J max.	J min
JC06H31	169	83	140	82.563	15	5	15	5	70	46	36
JC08H31	210	97	170	106.375	17	5	16.5	6.5	84	57	47
JC10H31	254	110	220	139.719	18	5	22	6	100	68	52
JC12H31	304	125	220	139.719	18	5	21.5	5.5	120	72.5	56.5

EDP.	I	K	L	M	N max.	N min	P max.	P min	Q	R
JC06H31	-	6-M10×1.5P	14	104.8	56.65	54	33	23	35	32
JC08H31	26	6-M12×1.75P	17	133.4	69.65	67	38	28	40	38
JC10H31	32	6-M16×2P	24	171.4	87.8	82	48	32	50	50
JC12H31	36	6-M16×2P	20	171.4	102.8	97	47	31	60	52

Pull back feature of radial gripping will lead to almost no work piece uplifting displacement;
Pull Back Power Chucks are ideal for machining casting and forging parts;

1. By appressing the gripped work piece to the surface, Pull Back Power Chucks are suitable for heavy machining.
2. Chuck Actuators with cylindrical structure are durable and ensures high gripping repeatability.
3. Accurate self-centering and pull back features are adequate for precise length control machining requirements.
4. Optional components can be selected for detecting the right position on an automated loading machine.

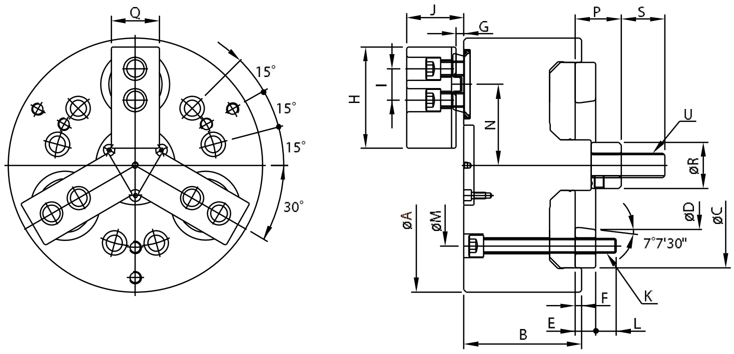
Втягивающие патроны идеально подходят для обработки литых и штампованых деталей;

1. Возможность дожатия детали к опорной поверхности, даёт возможность ведения тяжёлой обработки.
2. Конструкция характеризуется превосходной точностью, износостойкостью и качеством зажима.
3. Самоцентрирующая и втягивающая функции позволяют точно регулировать длину обработки.
4. Для определения правильности положения при автоматизированной подаче детали на станок, могут быть выбраны любые элементы.

PULL BACK POWER CHUCKS

ВТЯГИВАЮЩИЕ ТОКАРНЫЕ ПАТРОНЫ

US3PB



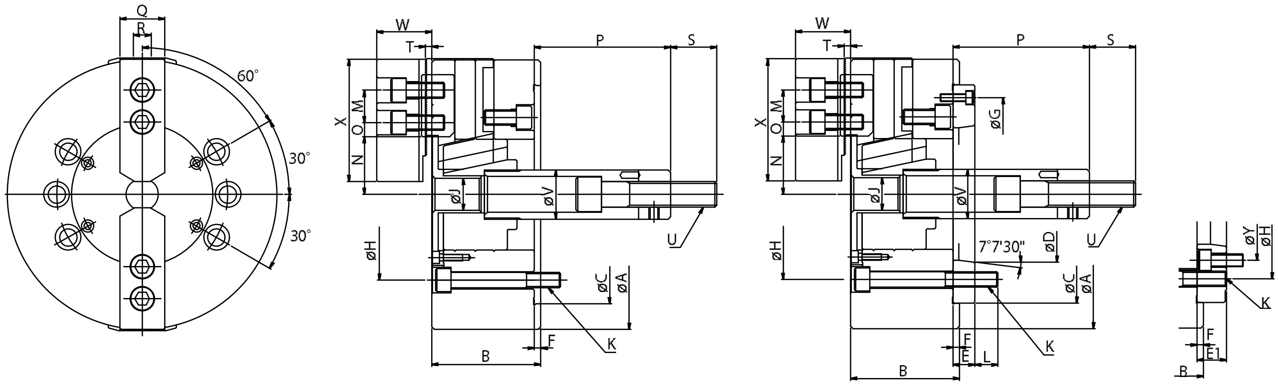
EDP.	S	U	Plunger Stroke (mm)	Jaw Stroke (Diameter) mm	Max. Speed r.p.m (min-1)	Max. Pull Force kgf (KN)
JC06H31	36	M16×2P	10	5.3	3500	1420 (14)
JC08H31	36	M20×2.5P	10	5.3	3000	2240 (22)
JC10H31	46	M24×3P	16	11.6	2500	3160 (31)
JC12H31	50	M27×3P	16	11.6	2000	4480 (44)

EDP.	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2 (Mpa)	Weight (kg)	Matching Cylinder	Gripping Range
JC06H31	2950 (29)	22 (2.2)	15.4	L1020	Ø35~Ø160
JC08H31	4890 (48)	22 (2.2)	27.8	L1225	Ø40~Ø210
JC10H31	4990 (49)	30 (2.9)	45.9	L1225	Ø50~Ø254
JC12H31	7240 (71)	30 (2.9)	75.7	L1530	Ø50~Ø304

2-JAW SOLID POWER CHUCKS

ДВУХКУЛАЧКОВЫЕ ПАТРОНЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

US2SP



EDP.	Nose of Spindle	A	B	C (h6)	D	E	E1	F	G	H	J
JC06H20	A2-5	165	74	140	82.563	15	-	5	116	104.8	21
JC08H20	A2-6(A2-5)	210	85	170	106.375	17	23	5	150	133.4	25
JC10H20	A2-8(A2-6)	254	89	220	139.719	18	28	5	190	171.4	34
JC12H20	A2-8	304	106	220	139.719	18	-	6	190	171.4	34

EDP.	K	L	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S
JC06H20	6-M10×1.5P	14	20	37.8	33.25	15.1	9.1	101.5	81.5	31	12	36
JC08H20	6-M12×1.75P	18	25	46.3	41.9	22.1	10.1	127	106	35	14	36
JC10H20	6-M16×2P	25	30	51.4	47	30.6	9.6	158	133	40	16	36
JC12H20	6-M16×2P	25	30	60.7	55.45	48.6	12.6	163	133	50	18	36

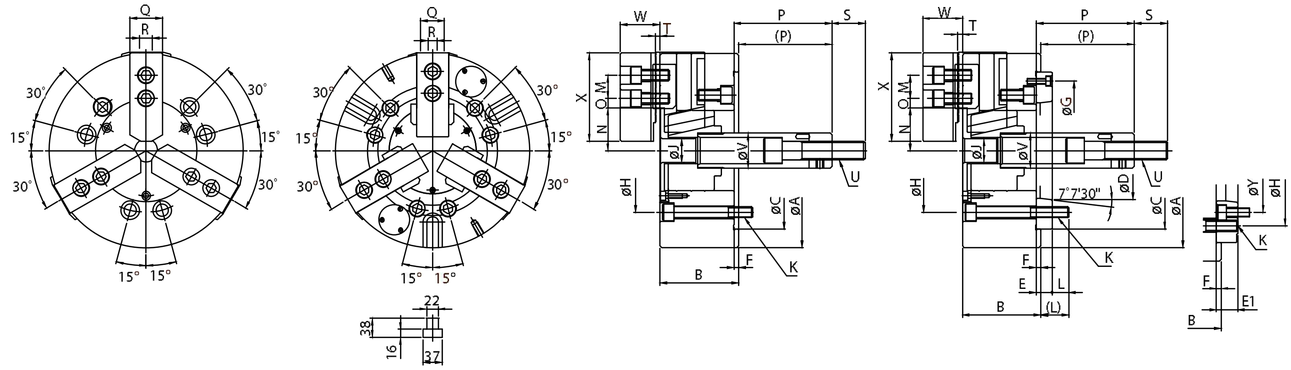
EDP.	T	U	V	W	X	Y	Plunger Stroke (mm)	Jaw Stroke [Diameter] (mm)	Max. Speed r.p.m (min-1)
JC06H20	4	M16×2P	34	39	73	-	20	8.5	5000
JC08H20	5	M20×2.5P	38	42	95	104.8	21	8.8	4000
JC10H20	5	M20×2.5P	45	46	110	133.4	25	8.8	3500
JC12H20	5	M20×2.5P	50	54	129	-	30	10.5	3000

EDP.	Max. Pull Force kgf (KN)	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2 (Mpa)	Weight (kg)	Matching Cylinder	Gripping Range
JC06H20	1220 (12)	3460 (34)	17 (1.7)	11.1	L1020 (L1020R)	Ø9~Ø165
JC08H20	1630 (16)	4990 (49)	16 (1.6)	21.3	L1225 (L1225R)	Ø12~Ø210
JC10H20	1930 (19)	7140 (70)	19 (1.9)	32.6	L1225 (L1225R)	Ø15~Ø254
JC12H20	2750 (27)	10300 (101)	20 (2.0)	57.0	L1530 (L1530R)	Ø20~Ø304

3-JAW SOLID POWER CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

US3SP



EDP.	Nose of Spindle	A	B	C (h6)	D	E	E1	F	G	H
JC05H30	A2-4	135	55	80	63.513	-	-	7	-	100
JC06H30	A2-5	165	74	140	82.563	15	-	5	116	104.8
JC08H30	A2-6(A2-5)	210	85	170	106.375	17	23	5	150	133.4
JC10H30	A2-8(A2-6)	254	89	220	139.719	18	28	5	190	171.4
JC12H30	A2-8	304	106	220	139.719	18	-	6	190	171.4
JC15H30	A2-11	381	114	300	196.869	22	-	6	260	235
JC18H30	A2-11	450	114	300	196.869	22	-	6	260	235

EDP.	J	K	L	M	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W
JC05H30	-	3-M8×1.25P	14	14	30.4	27.2	17.1	9.6	9	-6	25	10	35	2	M12×1.75P	28	31
JC06H30	21	6-M10×1.5P	14	20	37.8	33.25	15.1	9.1	101.5	81.5	31	12	36	4	M16×2P	34	39
JC08H30	25	6-M12×1.75P	18	25	46.3	41.9	22.1	10.1	127	106	35	14	36	5	M20×2.5P	38	42
JC10H30	34	6-M16×2P	25	30	51.4	47	30.6	9.6	158	133	40	16	36	5	M20×2.5P	45	46
JC12H30	34	6-M16×2P	25	30	60.7	55.45	48.6	12.6	163	133	50	18	36	5	M20×2.5P	50	54
JC15H30	-	6-M20×2.5P	32	43	69.05	60.97	58.05	40.05	104	69	62	25.5	55	7	M30×3.5P	60	68
JC18H30	-	6-M20×2.5P	32	43	99.46	91.38	58.05	40.05	92	57	62	25.5	55	7	M30×3.5P	60	68

3-JAW SOLID POWER CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

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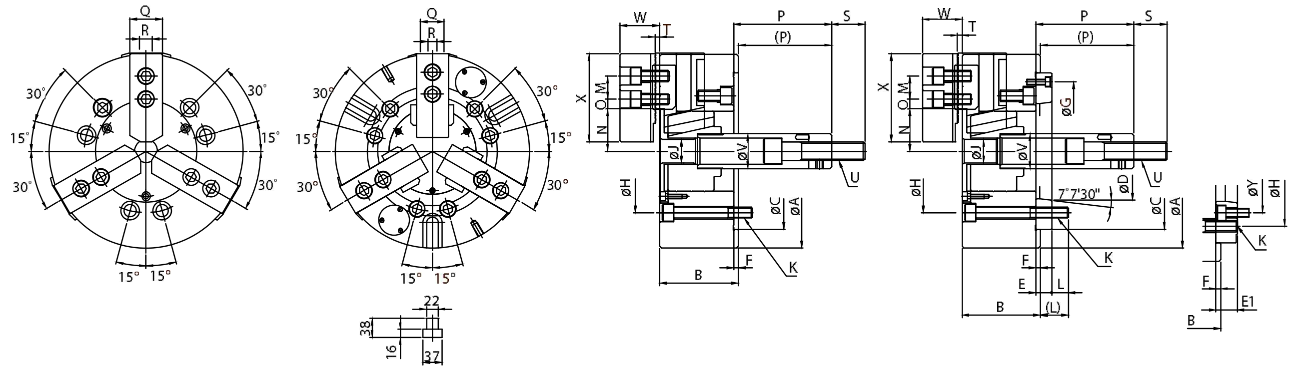

EDP.	X	Y	Plunger Stroke (mm)	Jaw Stroke (Diameter) mm	Max. Speed r.p.m (min-1)	Max. Pull Force kgf (KN)	Max. Grip-ping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2(M-pa)	Weight (kg)	Matching Cylinder	Gripping Range
JC05H30	62	-	15	6.4	5500	800 (7.8)	2450 (24)	25 (2.5)	6	L0815	Ø8~Ø135
JC06H30	73	-	20	8.5	5000	1730 (17)	5200 (51)	25 (2.5)	11.4	L1020(L1020R)	Ø18~Ø165
JC08H30	95	104.8	21	8.8	4600	2440 (24)	7440 (73)	25 (2.5)	21.9	L1225(L1225R)	Ø12~Ø210
JC10H30	110	133.4	25	8.8	4000	2850 (28)	10810 (106)	29 (2.8)	33.4	L1225(L1225R)	Ø16~Ø254
JC12H30	129	-	30	10.5	3200	4080 (40)	15500 (152)	29 (2.8)	58.5	L1530(L1530R)	Ø18~Ø304
JC15H30	165	-	35	16	3000	8260 (81)	25290 (248)	32 (3.1)	100.6	L2035(L2035R)	Ø68~Ø381
JC18H30	165	-	35	16	2700	8260 (81)	25290 (248)	32 (3.1)	134.3	L2035(L2035R)	Ø100~Ø450

3-JAW SOLID POWER CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

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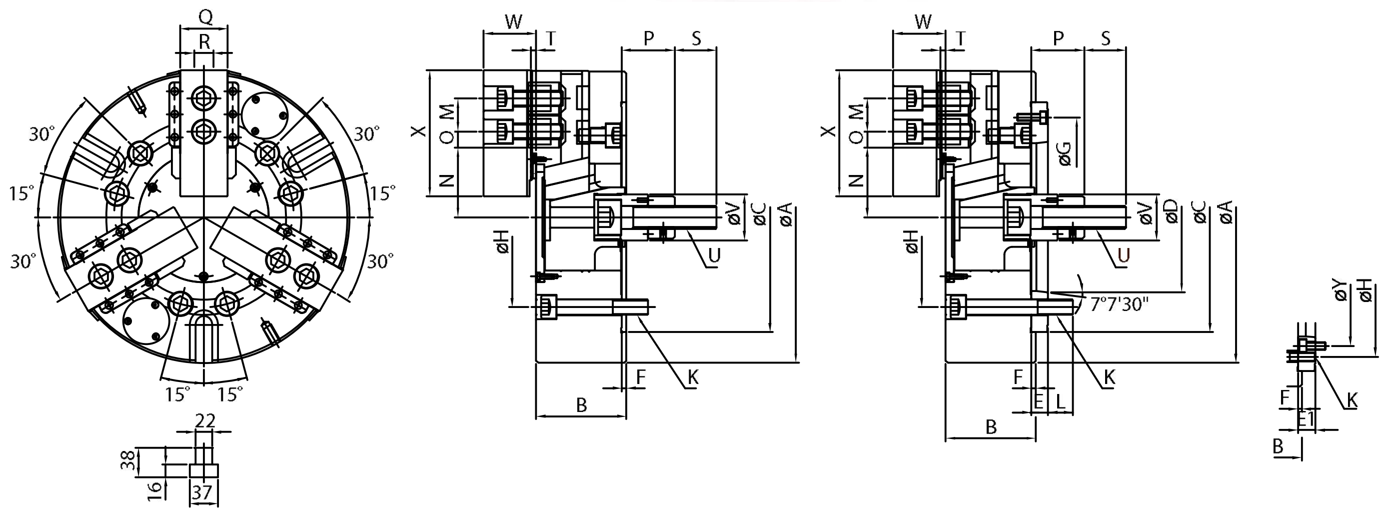

EDP.	Nose of Spindle	A	B	C (h6)	D	E	E1	F	G	H	K	L	M
JC15DP	A2-11	381	118	300	196.869	22	-	6	260	235	6-M20x2.5P	32	43
JC18DP	A2-11	450	118	300	196.869	22	-	6	260	235	6-M20x2.5P	32	43
JC21DP	A2-15(A2-11)	530	129	380	285.775	27	41	6	330.2	330.2	6-M24x3P	33	60
JC24DP	A2-15(A2-11)	610	129	380	285.775	27	41	6	330.2	330.2	6-M24x3P	33	60
JC32DP	A2-15(A2-11)	800	129	380	285.775	27	41	6	330.2	330.2	6-M24x3P	33	60

EDP.	N max.	N min.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y
JC15DP	69.05	60.97	58.05	40.05	104	69	62	25.5	55	7	M30x3.5P	60	68	165	-
JC18DP	99.46	91.38	58.05	40.05	92	57	62	25.5	55	7	M30x3.5P	60	68	165	-
JC21DP	80.49	72.41	101.8	41.8	96.95	61.95	65	25	55	7	M30x3.5P	60	75.5	180	235
JC24DP	119.49	111.41	101.8	41.8	96.95	61.95	65	25	55	7	M30x3.5P	60	75.5	180	235
JC32DP	119.49	111.39	197.8	41.8	97	61.95	65	25	55	7	M30x3.5P	60	75.5	180	235

EDP.	Plunger Stroke (mm)	Jaw Stroke (Diameter) mm	Max. Speed r.p.m (min-1)	Max. Pull Force kgf (KN)	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/ cm2(Mpa)	Matching Cylinder	Gripping Range
JC15DP	35	16	3000	8260 (81)	25290 (248)	32 (3.1)	L2035(L2035RE)	Ø68~Ø381
JC18DP	35	16	2700	8260 (81)	25290 (248)	32 (3.1)	L2035(L2035RE)	Ø100~Ø450
JC21DP	35	16	1900	8650 (85)	27000 (265)	33 (3.2)	L2035(L2035RE)	Ø80~Ø530
JC24DP	35	16	1700	8650 (85)	27000 (265)	33 (3.2)	L2035(L2035RE)	Ø155~Ø610
JC32DP	35	16	1100	8650 (85)	27000 (265)	33 (3.2)	L2035(L2035RE)	Ø155~Ø800

HYDRAULIC
PNEUMATIC
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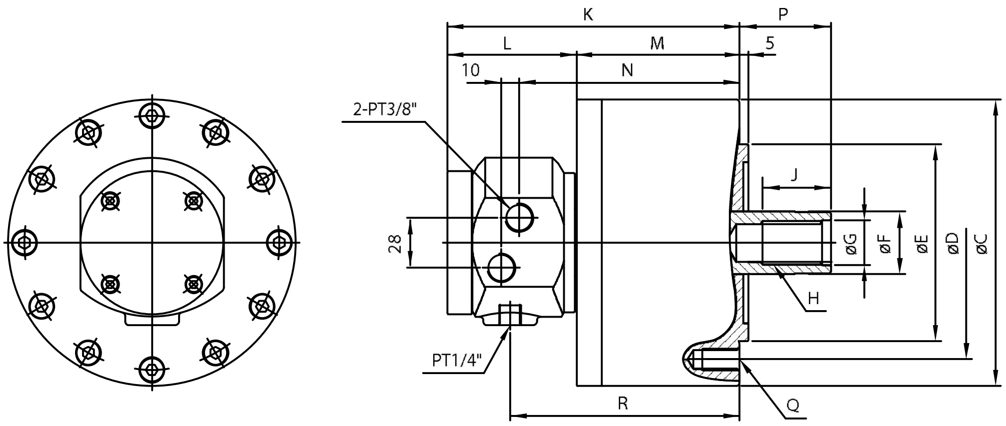
SCROLL
SUPER THIN
STEEL BODY
DIN

SOLID ROTARY HYDRAULIC CYLINDERS

ВРАЩАЮЩИЕСЯ ГИДРАВЛИЧЕСКИЕ ЗАЖИМНЫЕ ЦИЛИНДРЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

RHSR



EDP.	A	B	C	D	E (h7)	F	G	H	J	K	L
HC0815L	75	15	115	90	65	30	21	M20×2.5P	35	137	72
HC1020L	105	20	135	100	80	30	21	M20×2.5P	35	155	72
HC1225L	125	25	160	130	110	35	25	M24×3P	45	163	72
HC1530L	150	30	190	130	110	45	31	M30×3.5P	45	173	72
HC2035L	200	35	245	145	120	55	37	M36×4P	60	191.5	72

EDP.	M	N	P max.	P min.	Q	R	Piston Stroke (mm)	Max. Speed r.p.m (min-1)
HC0815L	65	97	46	31	6-M8×1.25P	102	15	6000
HC1020L	83	115	45	25	6-M10×1.5P	120	20	5500
HC1225L	91	123	51	26	6-M12×1.75P	128	25	5500
HC1530L	101	133	56	26	12-M12×1.75P	138	30	4000
HC2035L	119.5	151.5	69	34	12-M16×2P	156.5	35	4000

EDP.	Moment of Inertia (kg. m2)	Oil Leakage Rate (ι/min)	Max. Pressure kgf/cm2 (Mpa)	Piston Area (cm2)		Max. Push Force		Weight (kg)
				Push Side	Pull Side	kgf	(KN)	
HC0815L	0.006	0.8	40 (3.9)	44	37	1600	(15.7)	4.2
HC1020L	0.013	0.8	40 (3.9)	86	79	3200	(31.4)	5.9
HC1225L	0.023	0.8	40 (3.9)	122	113	4600	(45.1)	8.1
HC1530L	0.048	0.8	40 (3.9)	176	160	6500	(63.7)	11.9
HC2035L	0.098	0.8	40 (3.9)	314	290	11800	(115.6)	21.4

SOLID ROTARY HYDRAULIC CYLINDERS

ВРАЩАЮЩИЕСЯ ГИДРАВЛИЧЕСКИЕ ЗАЖИМНЫЕ ЦИЛИНДРЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

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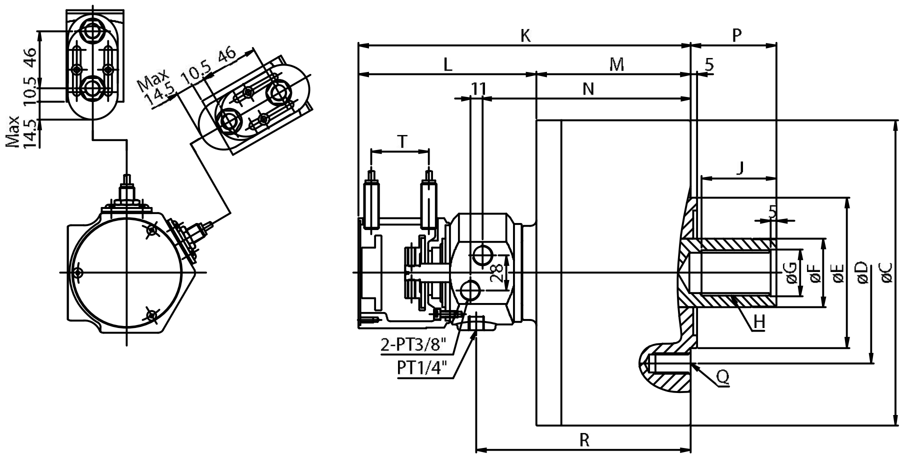


EDP.	A	B	C	D	E (h7)	F	G max. (H8)	H
HC1020RE	105	20	135	100	80	30	21	M20×2.5P
HC1025RE	125	25	160	130	110	35	25	M24×3P
HC1530RE	150	30	190	130	110	45	31	M30×3.5P
HC2035RE	200	35	245	145	120	55	37	M36×4P

EDP.	J	K	L	M	N	P max.	P min.
HC1020RE	35	172	86	86	132	45	25
HC1025RE	45	180	86	94	140	51	26
HC1530RE	45	189	84	105	149	56	26
HC2035RE	60	206.5	83	123.5	166.5	69	34

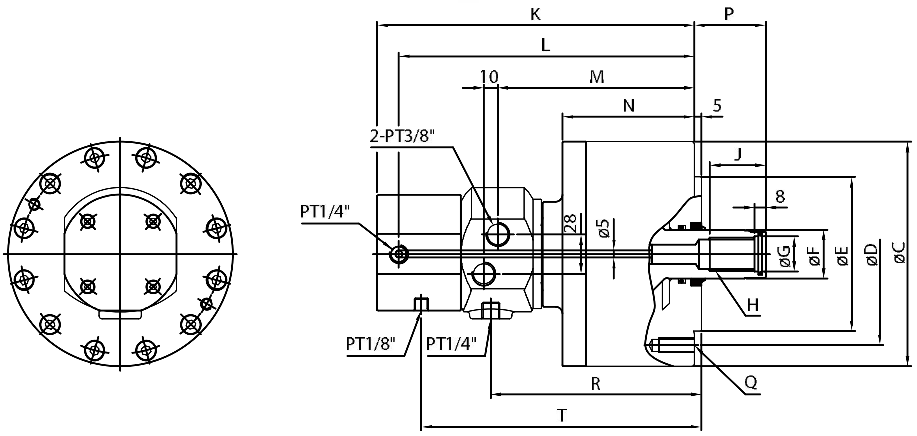
EDP.	Q	R	Piston Stroke (mm)	Max. Speed r.p.m (min-1)	Moment of Inertia (kg. m2)	Oil Leakage Rate (ι/min)	Max. Pressure kgf/cm2(Mpa)
HC1020RE	6-M10×1.5P	137	20	6000	0.013	0.8	40 (3.9)
HC1025RE	6-M12×1.75P	145	25	6000	0.023	0.8	40 (3.9)
HC1530RE	12-M12×1.75P	154	30	5500	0.048	0.8	40 (3.9)
HC2035RE	12-M16×2P	171.5	35	5500	0.098	0.8	40 (3.9)

EDP.	Piston Area (cm2)		Max. Push Force		Weight (kg)
	Push Side	Pull Side	kgf	(KN)	
HC1020RE	86	79	3200	(31.4)	6.6
HC1025RE	122	113	4600	(45.1)	8.8
HC1530RE	176	160	6500	(63.7)	12.8
HC2035RE	314	290	11800	(115.6)	22.5

SOLID ROTARY HYDRAULIC CYLINDERS

ВРАЩАЮЩИЕСЯ ГИДРАВЛИЧЕСКИЕ ЗАЖИМНЫЕ ЦИЛИНДРЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

RHSR



EDP.	A	B	C	D	E (h7)	F	G (H8)	H
HC1020RC	105	20	135	100	80	30	21	M20×2.5P
HC1025RC	125	25	160	130	110	35	25	M24×3P
HC1530RC	150	30	190	130	110	45	31	M30×3.5P
HC2035RC	200	35	245	145	120	55	37	M36×4P

EDP.	J	K	L	M	N	P max.	P min.
HC1020RC	35	231.5	145.5	86	132	45	25
HC1025RC	45	239.5	145.5	94	140	51	26
HC1530RC	45	248.5	143.5	105	149	56	26
HC2035RC	60	266	142.5	123.5	166.5	69	34

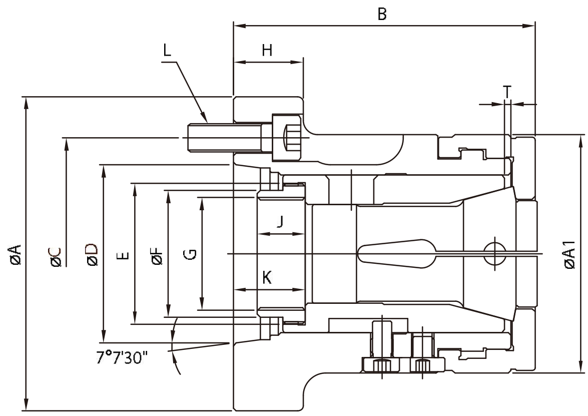
EDP.	Q	R	T	Piston Stroke (mm)	Max. Speed r.p.m (min-1)	Moment of Inertia (kg. m2)	P min.
HC1020RC	6-M10×1.5P	137	46	20	6000	0.013	25
HC1025RC	6-M12×1.75P	145	46	25	6000	0.023	26
HC1530RC	12-M12×1.75P	154	46	30	5500	0.048	26
HC2035RC	12-M16×2P	171.5	46	35	5500	0.098	34

EDP.	Oil Leakage Rate (ı/min)	Max. Pressure kgf/cm2 (Mpa)	Piston Area (cm2)		Max. Push Force	
			Push Side	Pull Side	kgf	(KN)
HC1020RC	0.8	40 (3.9)	84	79	3100	(30.4)
HC1025RC	0.8	40 (3.9)	120	113	4500	(44.1)
HC1530RC	0.8	40 (3.9)	174	160	6400	(62.7)
HC2035RC	0.8	40 (3.9)	312	290	11700	(114.7)

COLLET CHUCK

ЦАНГИ

CCSR



EDP.	A	A1	B	C	D	E	F	G max.	H	J	K max.	K min.	L	T
CH30A4	112	85	107.5	82.6	63.513	M50x1.5P	45	M40x1.5P	25	17	28	23	3-M10x1.5P	2.3
CH42A5	135	100	127	104.8	82.563	M66x1.5P	60	M55x2P	27	25	34	28	4-M10x1.5P	3.2
CH42A6	165	100	127	133.4	106.375	M66x1.5P	65.8	M60x2P	32	25	34	28	4-M12x1.75P	3.2
CH60A6	165	130	150	133.4	106.375	M90x1.5P	82	M75x2P	27	30	38	32	4-M12x1.75P	3.2

EDP.	Sleeve Stroke (mm)	Max. Speed r.p.m (min-1)	Matching Cylinder	Matching Collet Ref		Gripping Range			Max. Push. Force	Max. Gripping Force	Weight (kg)
				Spring Collet	Multibore Collet	Round	Hexagonal	Square	kgf (KN)	kgf (KN)	
CH30A4	5	7000	P1036	163E	M-669	Ø3~Ø30	4~27	5~20	2040 (20)	4488 (44)	4.0
CH42A5	6	6000	P1246	173E	M-673	Ø3~Ø42	6~36	6~30	2550 (25)	5610 (55)	6.2
CH42A6	6	6000	P1552	173E	M-673	Ø3~Ø42	6~36	6~30	2550 (25)	5610 (55)	7.6
CH60A6	6	5000	P1875	185E	M-677	Ø4~Ø60	8~52	7~42	3060 (30)	6630 (65)	11.1

2 ACTUATING AXES SELF-CENTERING SOLID AIR CHUCK FIXTURES

СТАЦИОНАРНЫЕ САМОЦЕНТРИРУЮЩИЕ ПНЕВМАТИЧЕСКИЕ ПАТРОНЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

US4SC

2 actuating axes self-centering solid air chuck fi xtures is great for machining center. Two pairs of jaws clamp one after another to assure a workpiece to be locked completely.

1. Rust-proof for Pneumatic Cylinder
Inside wall of cylinder being rustproof treated; cylinder can work under wet or high moisture circumstances without rusty or seized trouble.
2. Dusts-proof and Waterproof
Dust-proof and Waterproof structure prevents work-chips and coolant water from entering into inside of chuck cylinder to maintain its accuracy and lead to longer service life.
3. 4-jaw Clamping and Self-centering 4-jaw clamping are steadier for machining. Two pairs of jaws are moved independently to assure complete lock and self-centering.
4. Easy for Clamping Work Pieces of Different Lengths on Opposite Sides
Can fi rmly clamp all kinds of work pieces that are not equilateraly produced by casting, forging, and sawing process.
5. Flange Design
Flange is convenient for locking chuck on T-slot of worktable.
6. Clamping Special Shaped Work Pieces
Without designing and making special clamping fi xtures, special shaped work pieces can be clamp precisely only by forming soft jaws to meet the purpose.
7. Hard Jaws and Soft Jaws are Interchangeable with Those of CNC Lathes
Hard jaws and soft jaws are same as those of Power Chucks, therefore; they are interchangeable to reduce cost of spare jaws.

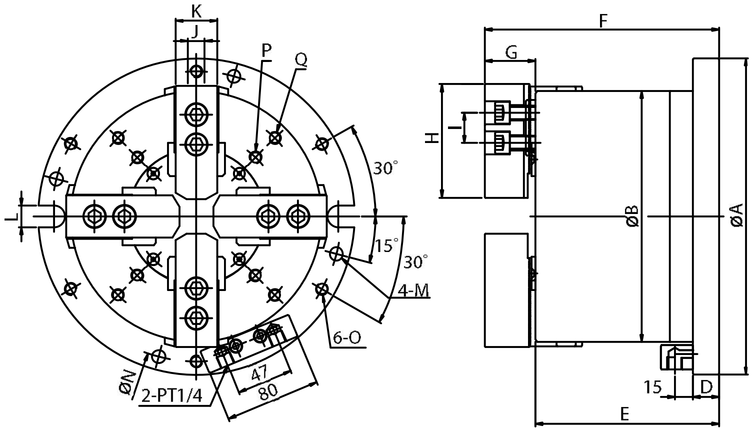
Самоцентрирующие непроходные стационарные пневматические 2-осевые патроны, идеально подходят для обрабатывающих центров.

2. Водо- и пыленепроницаемость
Конструкция предотвращает попадание жидкости, стружки или других загрязнений внутрь цилиндра патрона, что обеспечивает сохранение его точности и дольшую эксплуатацию.
3. Четырёхкулачковый зажим и центрирование
Большая стабильность обработки, две пары независимо плавающих кулачков позволяют точно центрировать деталь, сохраняя прочность зажима
4. Простота эксплуатации
Возможность зажима асимметричных деталей.
5. Наличие крепёжного фланца, значительно упрощает соединение в Т-образных пазах рабочего стола
6. Возможность закрепления атипичных форм деталей
Для точного закрепления нестандартных форм деталей, не требуется проектирование и применение дополнительных установочных элементов.
7. Твёрдые и мягкие кулачки, можно взаимозаменять с аналогами для токарных станков с ЧПУ.
Это исключает потребность приобретения дополнительных
комплектов кулачков.

2 ACTUATING AXES SELF-CENTERING SOLID AIR CHUCK FIXTURES

СТАЦИОНАРНЫЕ САМОЦЕНТРИРУЮЩИЕ ПНЕВМАТИЧЕСКИЕ ПАТРОНЫ БЕЗ ПРОХОДНОГО ОТВЕРСТИЯ

US4SC



EDP.	A	B	D	E	F	G	H	I	J	K	L	M	N
JC06P40N	224	175	20	130	170	40	73	20	12	31	18	Ø11	Ø202
JC08P40N	265	210	22	154	196	42	95	25	14	35	18	Ø11	Ø243
JC10P40N	315	250	25	176	222	46	110	30	16	40	18	Ø13	Ø285

EDP.	O	P	Q	A Piston Area (cm2)	
				Push Side	Pull Side
JC06P40N	M10×1.5P (PCDØ202)	4- M8×1.25P (PCDØ124)	4- M8×1.25P (PCD Ø156)	127	108
JC08P40N	M10×1.5P (PCDØ243)	4- M10×1.5P (PCDØ140)	4- M10×1.5P (PCD Ø186)	184	157
JC10P40N	M12×1.75P (PCDØ285)	4- M10×1.5P (PCDØ176)	4- M10×1.5P (PCD Ø224)	270	239

EDP.	B Piston Area (cm2)		Plunger Stroke (mm)	Jaw Stroke (Diameter) mm	Gripping Force At Air Pressure 7kgf/cm2(0.7Mpa)		Weight (kg)	Gripping Range
	Push Side	Pull Side			kgf	(KN)		
JC06P40N	122	117	12	5.5	4500	(44)	24.8	Ø25~Ø175
JC08P40N	176	169	16	7.4	6400	(63)	41.3	Ø30~Ø210
JC10P40N	254	241	19	8.8	9500	(93)	65.6	Ø35~Ø250

HYDRAULIC
PNEUMATIC
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SCROLL
SUPER THIN
STEEL BODY
DIN

HOLLOW POWER CHUCK FIXTURES

СТАЦИОНАРНЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

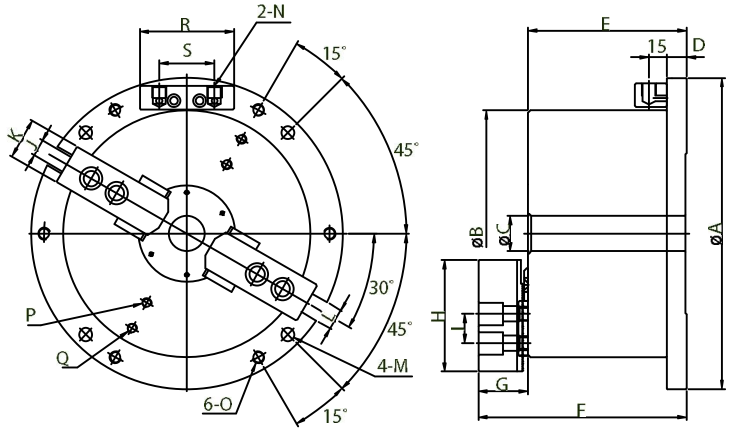
With built-in type cylinder, it is ideal for machining application on working table
1. Rust-proof for Pneumatic Cylinder
Inside wall of cylinder being rustproof treated; cylinder can work under wet or high moisture circumstances without rusty and seized trouble.
2. Dusts-proof and Waterproof
Dust-proof and Waterproof structure prevents work-chips and coolant water to enter into inside of chucks. Thus longer life is consequential. High effi ciency and less working pressure can be achieved by less trouble, and consistency of quality.
3. Available for Quick Fixture Change
MO Chucks can be easily fi xed on a plate fi xture for quick changes.
4. Benefi t of Built-in Cylinder
The cylinder is connected to chuck itself directly for obtaining better stability, less space, and higher machining effi ciency.
5. Flange Design
The fl ange makes it easy to be locked on T-slot of worktable.
6. Hard jaws and Soft jaws are Interchangeable with those of Power Chucks.
Hard jaws and Soft jaws are same as those of Power Chucks, therefore; they are interchangeable to reduce cost of spare jaws.

Со встроенным цилиндром, идеальны для применения при обработке на рабочем столе
1. Стойкость к ржавчине
Пневматический цилиндр не чувствителен к сырости; возможность работы в мокрых условиях, без угрозы появления ржавчины или блокировки
2. Водо- и пыленепроницаемость
Конструкция предотвращает попадание жидкости, стружки или других загрязнений внутрь цилиндра патрона, что обеспечивает сохранение его точности и дольшую эксплуатацию.
3. Быстрый монтаж и демонтаж патрона
4. Преимущества встроенного цилиндра
Цилиндр совмещённый с патроном для большей стабильности, обеспечивает более эффективную обработку и занимает меньше места.
5. Наличие крепёжного фланца, значительно упрощает соединение в Т-образных пазах рабочего стола
6. Твёрдые и мягкие кулачки такие же, как для механизированных патронов. Это исключает потребность приобретения дополнительных комплектов кулачков.

2-JAW HOLLOW POWER CHUCK FIXTURES

СТАЦИОНАРНЫЕ ДВУХКУЛАЧКОВЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

US2CF



EDP.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S
JC04N2	157	115	-	15	77.5	104	26	49.5	14	10	23	13	Ø9(PCD Ø135)	PT1/8	M8×1.25P	2-M8×1.25P (PCDØ90)	64	47
JC05N2	185	135	-	15	95	128	33	62	14	10	25	13	Ø9(PCD Ø165)	PT1/4	M8×1.25P	2-M8×1.25P (PCDØ100)	80	47
JC06N2	224	169	25	16	118	158	40	73	20	12	31	18	Ø11(PCD Ø202)	PT1/4	M10×1.5P	2-M8×1.25P (PCDØ134)	80	47
JC08N2	265	210	30	20	138	180	42	95	25	14	35	18	Ø11(PCD Ø243)	PT1/4	M10×1.5P	2-M10×1.5P (PCDØ136)	80	47
JC10N2	315	254	52	23	150	196	46	110	30	16	40	18	Ø13(PCD Ø285)	PT1/4	M12×1.75P	2-M12×1.75P (PCDØ170)	80	47

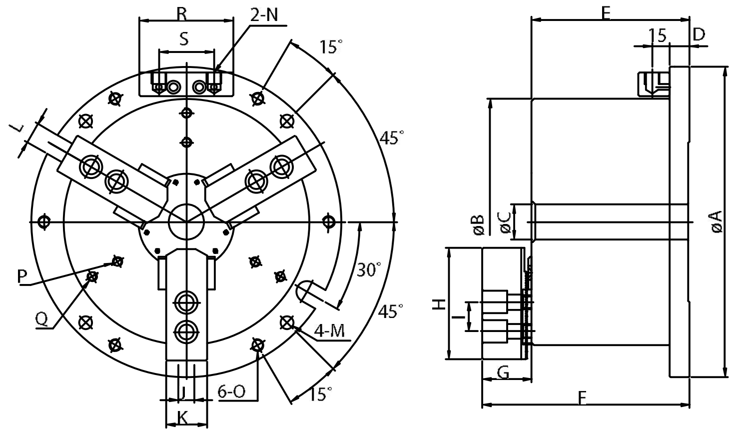
EDP.	Q	Piston Area (cm2)	Plunger Stroke (mm)	Jaw Stroke (Diameter) mm	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2 (Mpa)	Gripping Force At Air Pressure 7 kgf/cm2 (0.7Mpa)	Weight (kg)	Gripping Range
JC04N2	-	57	9	3.8	1900 (18.6)	12 (1.2)	1100 (10.8)	6.9	Ø9~Ø115
JC05N2	-	74	10	5.4	2620 (25.6)	16 (1.6)	1300 (12.7)	11.2	Ø12~Ø135
JC06N2	-	97	12	5.5	4030 (39.5)	16 (1.6)	2000 (19.6)	21.0	Ø15~Ø169
JC08N2	2-M10×1.5P (PCDØ186)	156	16	7.4	6480 (63.5)	16 (1.6)	3300 (32.3)	36.8	Ø20~Ø210
JC10N2	2-M12×1.75P (PCDØ230)	235	19	8.8	9760 (95.6)	16 (1.6)	4800 (47.0)	56.4	Ø33~Ø254

HYDRAULIC PNEUMATIC Pasrts and Acc SCROLL SUPER THIN STEEL BODY DIN

3-JAW HOLLOW POWER CHUCK FIXTURES

СТАЦИОНАРНЫЕ ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

US3CF



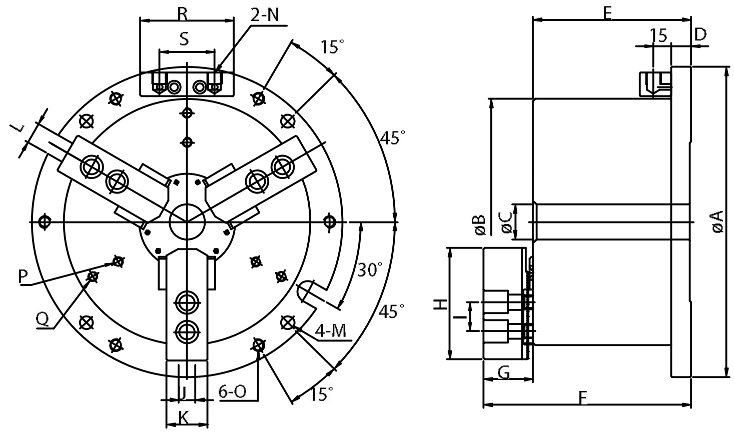
EDP.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
JC04N3	157	115	-	15	77.5	104	26	49.5	14	10	23	13	Ø9(PCD Ø135)	PT1/8	M8×1.25P
JC05N3	185	135	-	15	95	128	33	62	14	10	25	13	Ø9(PCD Ø165)	PT1/4	M8×1.25P
JC06N3	224	169	25	16	118	158	40	73	20	12	31	18	Ø11(PCD Ø202)	PT1/4	M10×1.5P
JC08N3	265	210	30	20	138	180	42	95	25	14	35	18	Ø11(PCD Ø243)	PT1/4	M10×1.5P
JC09N3	315	254	52	23	150	196	46	110	30	16	40	18	Ø13(PCD Ø285)	PT1/4	M12×1.75P
JC10N3	375	304	80	23	165	219	54	129	30	21	50	18	Ø17(PCD Ø340)	PT3/8	M16×2P
JC11N3	265	210	30	20	138	180	42	95	25	14	35	18	Ø11(PCD Ø243)	PT1/4	M10×1.5P

EDP.	P	R	S
JC04N3	3-M8×1.25P (PCDØ90)	64	47
JC05N3	3-M8×1.25P (PCDØ100)	80	47
JC06N3	3-M8×1.25P (PCDØ134)	80	47
JC08N3	3-M10×1.5P (PCDØ136)	80	47
JC09N3	3-M12×1.75P (PCDØ170)	80	47
JC10N3	3-M12×1.75P (PCDØ200)	80	55
JC11N3	3-M10×1.5P (PCDØ135)	80	47

3-JAW HOLLOW POWER CHUCK FIXTURES

СТАЦИОНАРНЫЕ ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ С ПРОХОДНЫМ ОТВЕРСТИЕМ

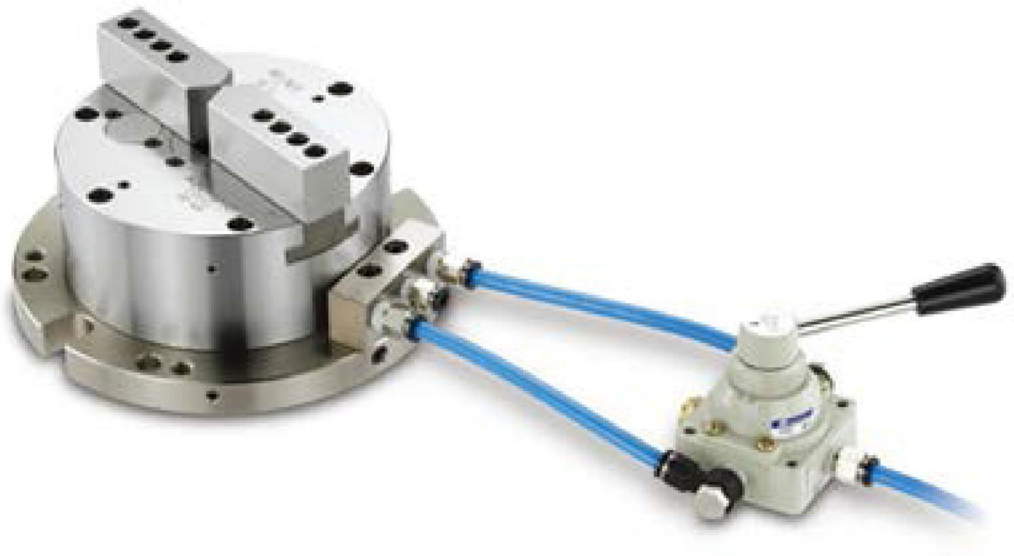
US3CF



EDP.	Q	Piston Area (cm2)	Plunger Stroke (mm)	Jaw Stroke (Diameter) mm	Max. Gripping Force kgf (KN)	Max. Hydr. Pressure kgf/cm2 (Mpa)	Gripping Force At Air Pressure 7 kgf/cm2 (0.7Mpa)	Weight (kg)	Gripping Range
JC04N3	-	57	9	3.8	2400 (23.5)	15 (1.5)	1100 (10.8)	7.05	Ø9~Ø115
JC05N3	-	74	10	5.4	3285 (32.2)	20 (2.0)	1300 (12.7)	11.2	Ø12~Ø135
JC06N3	-	97	12	5.5	5040 (49.4)	20 (2.0)	2000 (19.6)	21.0	Ø15~Ø169
JC08N3	3-M10×1.5P (PCDØ186)	156	16	7.4	8100 (79.4)	20 (2.0)	3300 (32.3)	36.8	Ø20~Ø210
JC09N3	3-M12×1.75P (PCDØ230)	235	19	8.8	12210 (119.7)	20 (2.0)	4800 (47.0)	56.4	Ø33~Ø254
JC10N3	3-M12×1.75P (PCDØ260)	292	23	10.6	14500 (142.1)	20 (2.0)	5100 (50.0)	88.5	Ø40~Ø304
JC11N3	3-M10×1.5P (PCDØ186)	156	16.5	12	5202 (51)	20 (2.0)	1836 (18)	37.6	Ø20~Ø210

SUPER PRECISION AIR CHUCK FIXTURES

ПРЕЦИЗИОННЫЕ ПНЕВМАТИЧЕСКИЕ СТАЦИОНАРНЫЕ ПАТРОНЫ



Precision Air Chuck is able to achieve superior coaxiality and repeatability of 1/t<m.
1. Pre-machined tapped holes and lubrication path:
There are tapped holes for fi xing jigs, thus, additional screw machining is not necessary, and pre-machined lubrication path can connect to auto-lubrication unit to lubricate the chuck automatically.
2. Built-in Cylinder:
Connect cylinder directly to the chuck for stable gripping.
3. Precise soft jaw positioning:
It's easy to remount soft jaw to the correct position with dowel pins on it.
4. High gripping precision brings better quality and effi ciency.
Good coaxiality and repeatability of gripping are able to achieve the accuracy of 1μm, machining processes can be simplifi ed or shortened to make high precision machining with high effi ciency come true.
5. Available for Quick Fixture Change.
Chucks can be easily fi xed on a plate fi xture for quick changes.
6. Flange Design
The fl ange makes it easy to be locked on T-slot of worktable.

Пневматический прецизионный патрон, способен удерживать соосность и повторяемость на уровне 1/t<m.
1. Резьбовые отверстия и смазочные каналы
Готовые резьбовые отверстия для патронов не требуют дополнительных операций а предварительно выполненные смазочные отверстия, можно подключить к источнику смазки
2. Встроенный цилиндр
Для обеспечения стабильности, цилиндр совмещён с патроном
3. Точное позиционирование мягких кулачков и простая замена.
4. Высокая точность крепления обеспечивает качественную, эффективную обработку
5. Быстросменность приспособления
6. Фланцевая конструкция упрощает крепление в Т-образных пазах рабочего стола

2-JAW SUPER PRECISION AIR CHUCK FIXTURES

ПРЕЦИЗИОННЫЕ ПНЕВМАТИЧЕСКИЕ ДВУХКУЛАЧКОВЫЕ СТАЦИОНАРНЫЕ ПАТРОНЫ

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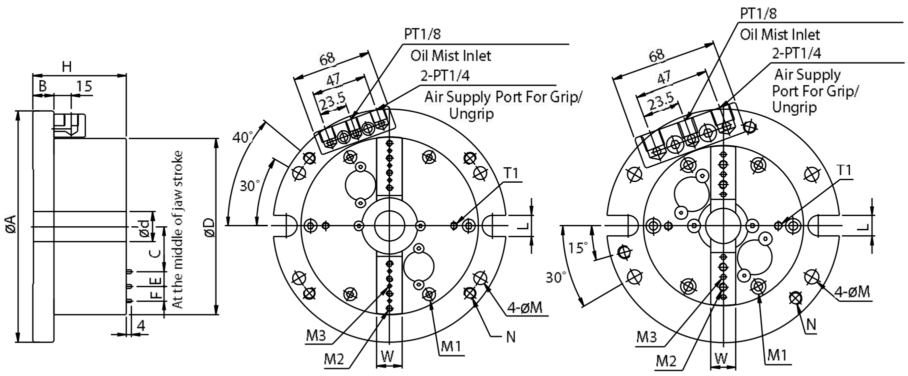


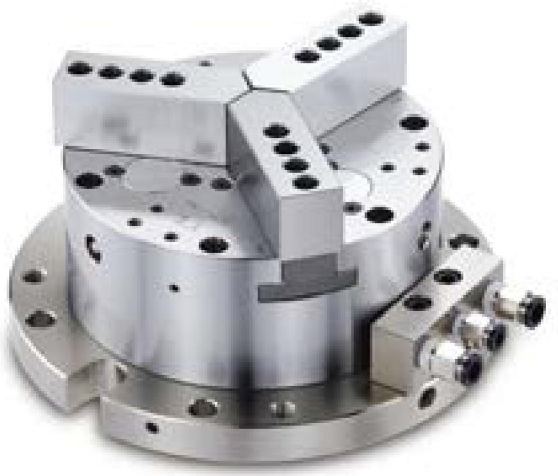
EDP	A	B	C	D	d (H7)	E	F	H	W	L	M	M1	M2	M3
JC04P21	148	17	20.75	101.6	18	12.7	12.7	80	16	13	Ø9 (PCDØ130)	6- M5×0.8P(PCDØ88.9)	4-M5×0.8P	6-Ø3.18
JC06P21	200	18	39.75	152.4	26	12.7	12.7	81	22	18	Ø11 (PCDØ180)	6-M6×1P(PCDØ135.89)	8-M5×0.8P	6-Ø3.18

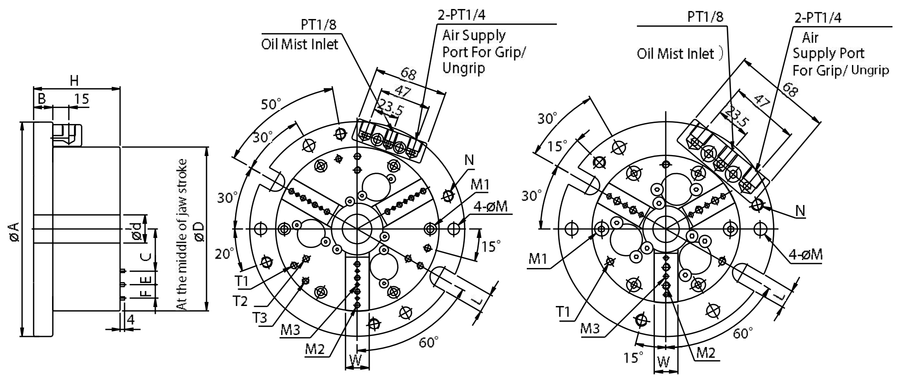
EDP.	N	T1	Jaw Stroke (Diameter) mm	Gripping Force At Air Pressure 7 kgf/cm2 (0.7Mpa)	Weight (kg)
JC04P21	3-M8×1.25P	2-M5×0.8P (PCDØ70)	3	310 (3.1)	6
JC06P21	4-M10×1.5P	2-M6×1P (PCDØ110)	3	790 (7.8)	12.6

3-JAW SUPER PRECISION AIR CHUCK FIXTURES

ПРЕЦИЗИОННЫЕ ПНЕВМАТИЧЕСКИЕ ТРЁХКУЛАЧКОВЫЕ СТАЦИОНАРНЫЕ ПАТРОНЫ

US3AF





EDP	A	B	C	D	d (H7)	E	F	H	W	L	M
JC04P31	148	17	20.75	101.6	18	12.7	12.7	80	16	13	Ø9 (PCDØ130)
JC06P31	200	18	39.75	152.4	26	12.7	12.7	81	22	18	Ø11 (PCDØ180)

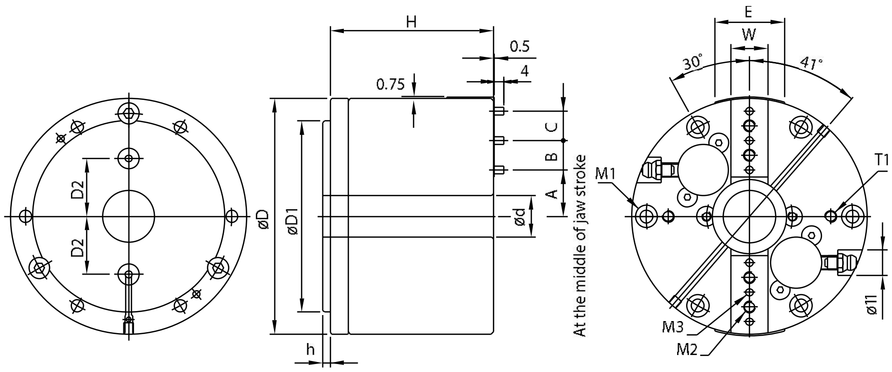
EDP.	M1	M2	M3	N	T1	T2	T3
JC04P31	6- M5×0.8P (PCDØ88.9)	6-M5×0.8P	9-Ø3.18	3-M8×1.25P	3-M5×0.8P (PCDØ88.9)	-	-
JC06P31	6-M6×1P (PCDØ135.89)	12-M5×0.8P	9-Ø3.18	4-M10×1.5P	3-M6×1P (PCDØ135.89)	3-M6×1P (PCD Ø110)	3- M6×1P (PCD Ø135.89)

EDP.	Jaw Stroke (Diameter) mm	Gripping Force At Air Pressure 7 kgf/cm2 (0.7Mpa)	Weight (kg)
JC04P31	3	310 (3.1)	6.2
JC06P31	3	790 (7.8)	13

2-JAW SUPER PRECISION AIR CHUCKS

ПРЕЦИЗИОННЫЕ ДВУХКУЛАЧКОВЫЕ ПНЕВМАТИЧЕСКИЕ ПАТРОНЫ

US2AC



EDP	A	B	C	D	E	D1	d (H7)	D2	H	h
JC04P22	20.75	12.7	12.7	101.6	30	82.55	18	25	70.3	3.2
JC06P22	39.75	12.7	12.7	152.4	40	124.97	26	34.5	70.3	3.2
JC08P21	65.75	25.4	-	203.2	45	167.64	50	50	99.5	7.0

EDP.	M1	M2	M3	W	T1
JC04P22	6-M5×0.8P(PCD Ø88.9)	4-M5×0.8P	6-Ø3.18	16	2-M5×0.8P (PCDØ70)
JC06P22	6-M6×1P(PCD Ø135.89)	8-M5×0.8P	6-Ø3.18	22	2-M6×1P (PCDØ110)
JC08P21	6-M10×1.5P(PCD Ø182.88)	4-M10×1.5P	4-Ø6.36	25	2-M8×1.25P (PCDØ150)

EDP.	Jaw Stroke (Diameter) mm	Gripping Force At Air Pressure 7 kgf/cm2 (0.7Mpa)	Max. Speed r.p.m (min-1)	Weight (kg)
JC04P22	3	310 (3.1)	3500	4.2
JC06P22	3	790 (7.8)	3500	9.5
JC08P21	3	1450 (14.3)	3000	25.1

HYDRAULIC
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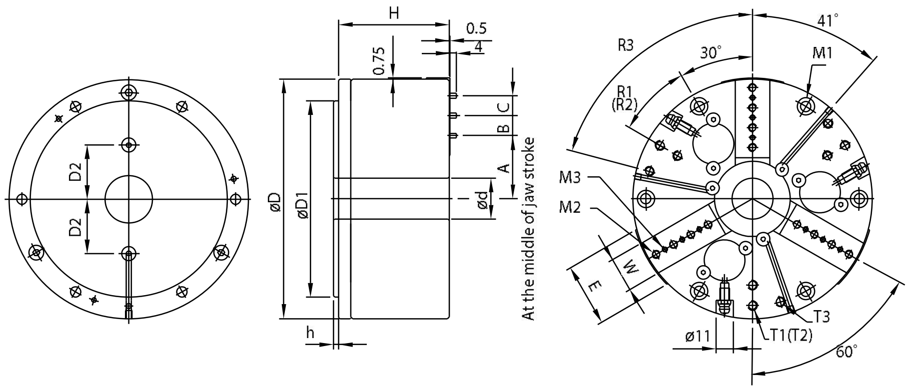
STEEL BODY
DIN

3-JAW SUPER PRECISION AIR CHUCKS

ПРЕЦИЗИОННЫЕ ТРЁХКУЛАЧКОВЫЕ ПНЕВМАТИЧЕСКИЕ ПАТРОНЫ

US3AC



EDP	A	B	C	D	E	D1	d (H7)	D2	H	h	W	M1
JC04P32	20.75	12.7	12.7	101.6	30	82.55	18	25	70.3	3.2	16	6-M5×0.8P(PCD Ø88.9)
JC06P32	39.75	12.7	12.7	152.4	40	124.97	26	34.5	70.3	3.2	22	6-M6×1P(PCD Ø135.89)
JC08P32	65.75	25.4	-	203.2	45	167.64	50	50	99.5	7.0	25	6-M10×1.5P(PCD Ø182.88)

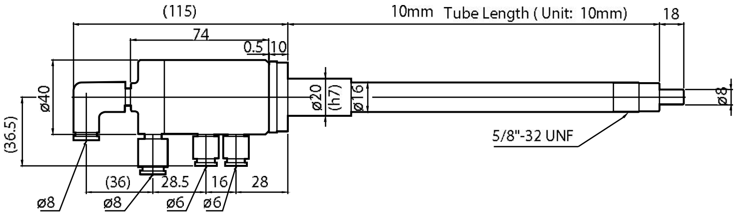
EDP.	M2	M3	T1	T2	T3	R1
JC04P32	6-M5×0.8P	9-Ø3.18	3-M5×0.8P (PCD Ø88.9)	-	-	30°
JC06P32	12-M5×0.8P	9-Ø3.18	3-M6×1P (PCD Ø135.89)	3-M6×1P (PCD Ø110)	3-M6×1P (PCD Ø135.89)	30°
JC08P32	6-M10×1.5P	6-Ø6.36	3-M8×1.25P (PCD Ø182.88)	3-M8×1.25P (PCD Ø150)	3-M8×1.25P (PCD Ø100)	30°

EDP.	R2	R3	Jaw Stroke (Diameter) mm	Gripping Force At Air Pressure 7 kgf/cm2 (0.7Mpa)	Max. Speed r.p.m (min-1)	Weight (kg)
JC04P32	-	-	3	310 (3.1)	4500	4.4
JC06P32	30°	75°	3	790 (7.8)	4200	9.8
JC08P32	30°	30°	3	1450 (14.3)	2500	26.3

AIR FEED TUBE

МОДУЛЬ ПОДАЧИ ВОЗДУХА

AFT1



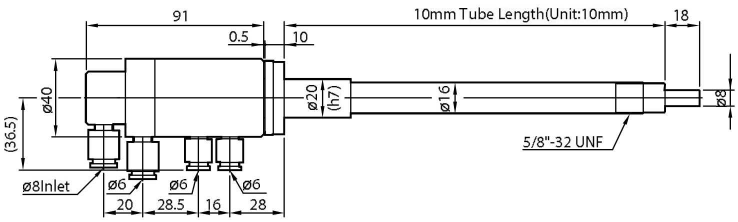
Ex. Fill in 50 for requied length of 500 mm.
30 mm is optional for the length of ø8 fitting.
Пример: принять 50 для длины 500 mm
30 mm опционально для длины соединения ø8

EDP	Max. Speed	Recommended Lubricant
AT1XX18	8000 min^{-1}	VG6 or Equal

AIR FEED TUBE (FOR GRINDING MACHINES)

МОДУЛЬ ПОДАЧИ ВОЗДУХА (ДЛЯ ШЛИФОВАЛЬНЫХ МАШИН)

AFT2



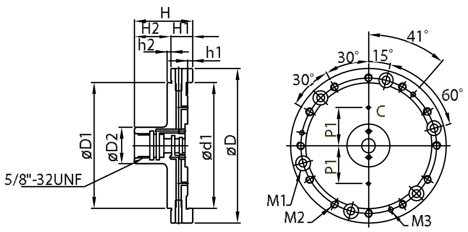
Ex. Fill in 50 for requied length of 500 mm.
30 mm is optional for the length of ø8 fitting.
Пример: принять 50 для длины 500 mm
30 mm опционально для длины соединения ø8

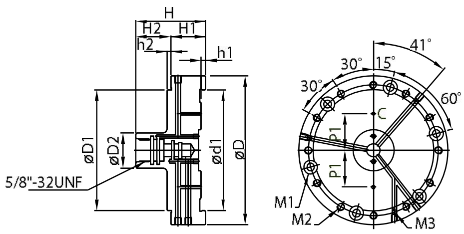
EDP	Max. Speed	Recommended Lubricant
AT2XX18	8000 min^{-1}	VG6 or Equal

MOUNTING PLATES

КРЕПЁЖНЫЕ ФЛАНЦЫ

TMMP



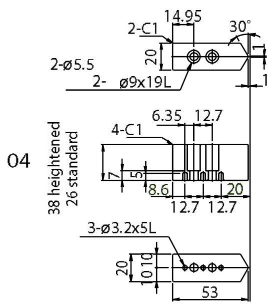


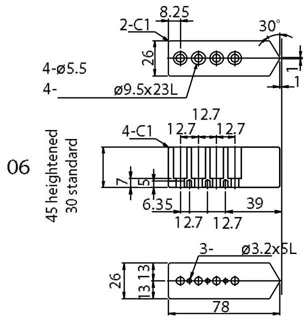
EDP	D	D1 (h7)	D2	d1 (H7)	P1	H	H1	H2	h1	h2	M1	M2	M3
MPP0400	101.6	82.55	24	82.55	25	38	14	24	3.2	2.5	6-M5×0.8P (PCD Ø88.9)	12-M5×0.8P (PCD Ø88.9)	3-Ø3 (PCD Ø88.9)
MPP0600	152.4	124.97	24	124.97	34.5	38	14	24	3.2	2.5	6-M6×1P (PCD Ø135.89)	12-M6×1P (PCD Ø135.89)	3-Ø3 (PCD Ø135.89)
MPP0800	203.2	167.64	30	167.64	50	54	25	29	7.0	5.0	6-M10×1.5P (PCD Ø182.88)	6-M10×1.5P (PCDØ182.88)	3-Ø4 (PCDØ182.88)
MPP1040	101.6	82.55	24	82.55	25	48	24	24	3.2	2.5	6-M5×0.8P (PCD Ø88.9)	12-M5×0.8P (PCD Ø88.9)	3-Ø3 (PCD Ø88.9)
MPP1060	152.4	124.97	24	124.97	34.5	48	24	24	3.2	2.5	6-M6×1P (PCD Ø135.89)	12-M6×1P (PCD Ø135.89)	3-Ø3 (PCD Ø135.89)

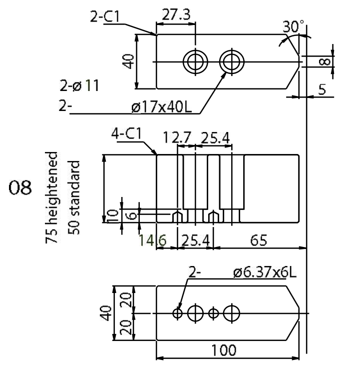
SOFT JAWS FOR SUPER PRECISION CHUCKS

МЯГКИЕ КУЛАЧКИ ДЛЯ ВЫСОКОТОЧНЫХ ПАТРОНОВ

SSPC



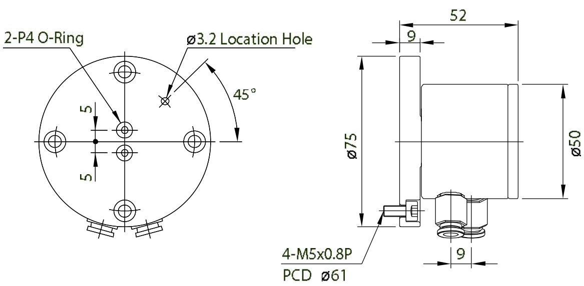


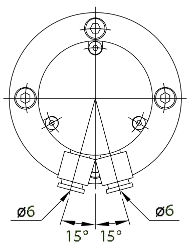


AIR FEED TUBE

МОДУЛЬ ПОДАЧИ ВОЗДУХА

AFT

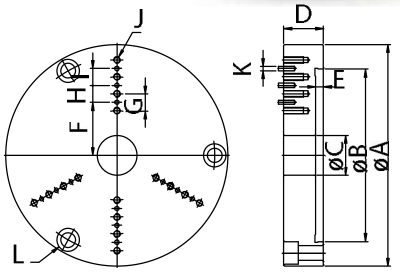




FORMING RINGS (FOR SOFT JAWS OF SUPER PRECISION AIR CHUCKS)

ФЛАНЦЫ ДЛЯ МЯГКИХ ПРЕЦИЗИОННЫХ КУЛАЧКОВ ПНЕВМАТИЧЕСКИХ ПАТРОНОВ

FRAC

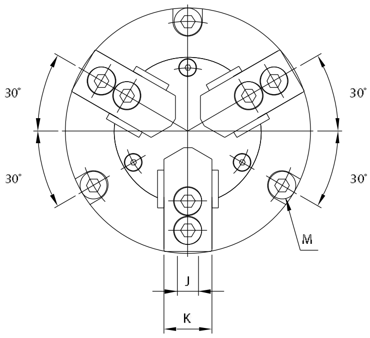


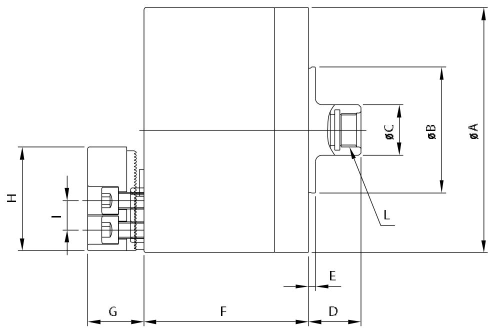
EDP	A	B	C	D	E	F	G	H	I	J	K	L	Weight (kg)
RP04	112	80	22	30	6	21	12.7	12.7	12.7	6-M5×0.8P	9-φ3.175	3-M8×1.25P	1.9
RP06	167	130	30	30	6	40	12.7	12.7	12.7	12- M5×0.8P	9-φ3.175	3- M10×1.5P	4.3
RP08	203	160	54	35	6	66	25.4	25.4	-	6-M10×1.5P	6-φ6.35	3-M10×1.5P	7.2

3-JAW AIR CHUCK FIXTURES

ТРЁХКУЛАЧКОВЫЕ ПНЕВМАТИЧЕСКИЕ ПАТРОНЫ

US3PF





EDP	A	B	C	D	E	F	G	H	I	J	L	K	M
JC04N	117	60	24	25	3.5	78.5	26.7	49.5	14	10	5/8"-32UNF	23	3-M8×1.25P(PCDØ104)
JC06N	138	60	24	25	3.5	102.5	33.6	62	14	10	5/8"-32UNF	25	6-M8×1.25P(PCDØ122)
JC08N	173	80	24	25	3.5	134	40.6	73	20	12	5/8"-32UNF	31	6-M8×1.25P(PCDØ155)
JC10N	214	110	30	29	5	153.5	42.5	95	25	14	5/8"-32UNF	35	6-M10×1.5P(PCDØ193)

EDP.	Piston Area (cm2)	Plunger Stroke (mm)	Jaw Stroke (Diameter) mm	Gripping Force	Max. Speed	Gripping
JC04N	57	9	3.8	1100 (10.8)	3800	Ø10~Ø117
JC06N	74	10	5.4	1300(12.7)	3000	Ø12~Ø135
JC08N	97	12	5.5	2000(19.6)	2300	Ø15~Ø169
JC10N	156	16	7.4	3300(32.3)	2100	Ø20~Ø210

ROTARY AIR CHUCK FIXTURES

ВРАЩАЮЩИЕСЯ ПНЕВМАТИЧЕСКИЕ ПАТРОНЫ

RACF

It's Ideal for dividing or cutting work pieces by mounting the chuck on indexing table or rotary table. The distinctive feature is that the chuck rotates with the spindle of indexing table or rotary table.

1. Rustproof treated cylinder:
The cylinder won't get rusty and seized even in wet or high moisture working environment.
2. Dust and water proof cover:
Prevent metal chips or coolant from entering inside of chuck cylinder to maintain its accuracy and lead to longer service life.
3. Integral pneumatic cylinder:
Connect chuck and built-in cylinder to each other directly; thus enables operation stability. Moreover, it is more convenient for installation and operation since the use of draw tube and draw bar are no longer necessary.
4. Airtight type cylinder:
For the cylinder is leak proof; the chuck can maintain stable clamping while it clamps or rotates work piece.
5. Easy for connection with air source:
After Connecting to compressed air source, fi x the chuck on any direction at one's convenience. It will rotate clockwise and counterclockwise freely as well.

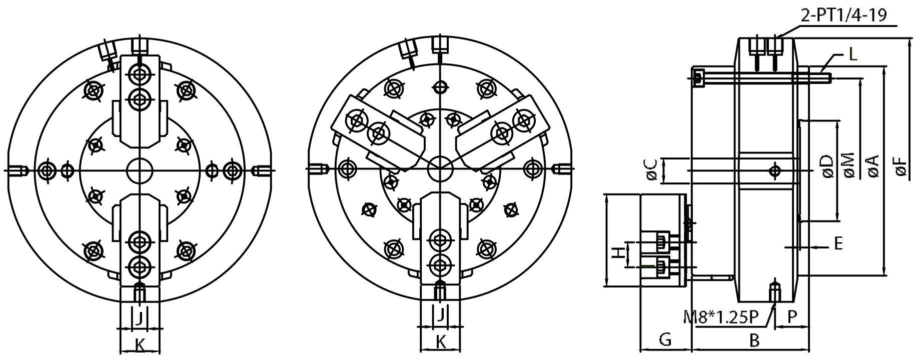
Идеально подходит для обработки на делительном или поворотном столе Отличительной чертой является вращение патрона вместе со шпинделем поворотного или делительного стола.

1. Цилиндр не чувствителен к ржавчине
Не ржавеет, не затирается даже мокрой или высоковлажной среде
2. Герметичность
Не допускает внутреннего загрязнения патрона (стружка, охлаждение итп.), сохраняя точность и износостойкость
3. Встроенный пневматический цилиндр
Непосредственно соединяет патрон со встроенным цилиндром для обеспечения стабильности работы.
4. Герметичный пневматический цилиндр
5. Простое подлключение к источнику сжатого воздуха

ROTARY AIR CHUCK FIXTURES

ВРАЩАЮЩИЕСЯ ПНЕВМАТИЧЕСКИЕ ПАТРОНЫ

RACF



EDP	A	B	C	D	E	F	G	H	I	J	K	L
JC04N	140	85	16	60	6	180	33	62	14	10	25	6-M8×1.25P
JC06N	170	93	20	80	7	210	40	73	20	12	31	6-M8×1.25P
JC08N	215	112	30	110	8	250	42	95	25	14	35	6-M10×1.5P
JC10N	255	120	43	140	8	290	46	110	30	16	40	6-M10×1.5P
JC05TN	140	85	16	60	6	180	33	62	14	10	25	6-M8×1.25P
JC06TN	170	93	20	80	7	210	40	73	20	12	31	6-M8×1.25P

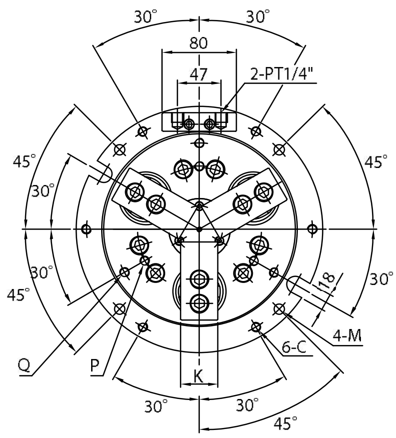
EDP	M	P	Thru-Hole (Diameter) mm	Piston Area (cm2)	Plunger Stroke (mm)	Jaw Stroke (Diameter) mm
JC04N	Ø118	27	16	74	10	4.6
JC06N	Ø147	27	20	120	13	5.5
JC08N	Ø185	28	30	190	16	6.8
JC10N	Ø220	30.5	43	280	19	8.0
JC05TN	Ø118	27	16	74	10	4.6
JC06TN	Ø147	27	20	120	13	5.5

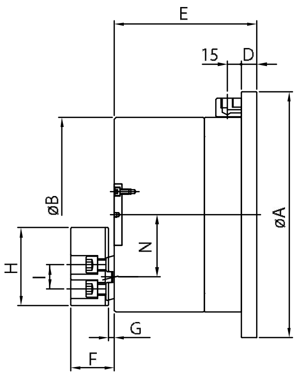
EDP	Max.Speed r.p.m (min-1)	Max. Pressure kgf/cm2 (Mpa)	Gripping Force At Air Pressure 7kgf/cm2 (0.7Mpa) kgf (KN)	Gripping Range	Weight (kg)
JC04N	51	7 (0.7)	1340 (13.1)	Ø4-Ø136	9.3
JC06N	41	7 (0.7)	2330 (22.8)	Ø25-Ø166	15.5
JC08N	33	7 (0.7)	3730 (36.5)	Ø33-Ø215	28.5
JC10N	26	7 (0.7)	5480 (53.7)	Ø43-Ø255	42.3
JC05TN	51	7 (0.7)	1340 (13.1)	Ø4-Ø136	9.0
JC06TN	41	7 (0.7)	2330 (22.8)	Ø25-Ø166	15.0

3-JAW AIR CHUCK FIXTURES

ТРЁХКУЛАЧКОВЫЕ ПНЕВМАТИЧЕСКИЕ ПАТРОНЫ

US3PO





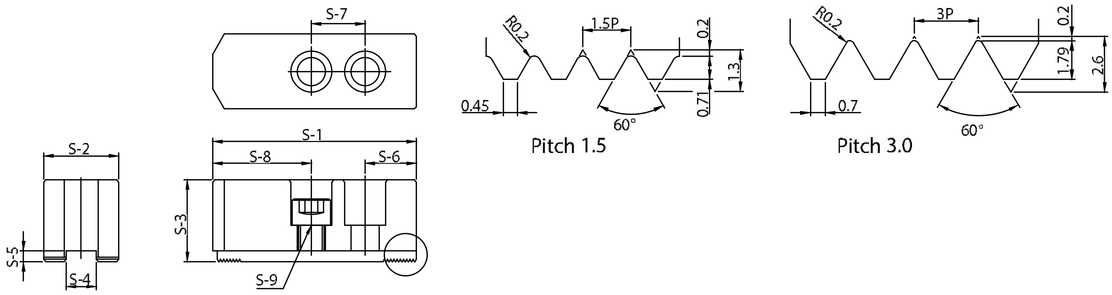
EDP	A	B	C	D	E	F Max.	F min.	G Max.	G min.	H	I	K	M
PLJC06	224	169	M10x1.5P(PCDØ202)	17	140	45.65	35.65	14.65	4.65	70	-	35	Ø11(PCD 202)
PLJC08	265	210	M10x1.5P(PCDØ243)	17	154	57.15	47.15	16.15	6.15	84	26	40	Ø11(PCD 243)
PLJC10	315	254	M12x1.75P(PCDØ285)	20	185	67.6	51.6	21.6	5.6	100	32	50	Ø13(PCD 285)

EDP.	N max.	N min.	P	Q	Piston Area (cm2)	Plunger Stroke (mm)	Jaw Stroke [Diameter] (mm)
PLJC06	56.69	54.01	3-M6x1P(PCDØ80)	3-M6x1P(PCDØ120)	91	10	5.3
PLJC08	69.56	66.88	3-M10x1.5P(PCDØ136)	3-M10x1.5P(PCDØ186)	160	10	5.3
PLJC10	87.44	81.61	3-M12x1.75P(PCDØ170)	3-M12x1.75P(PCDØ230)	215	16	11.6

SOFT JAWS FOR HYDRAULIC CHUCKS

МЯГКИЕ КУЛАЧКИ ДЛЯ ГИДРАВЛИЧЕСКИХ ПАТРОНОВ

SSHS

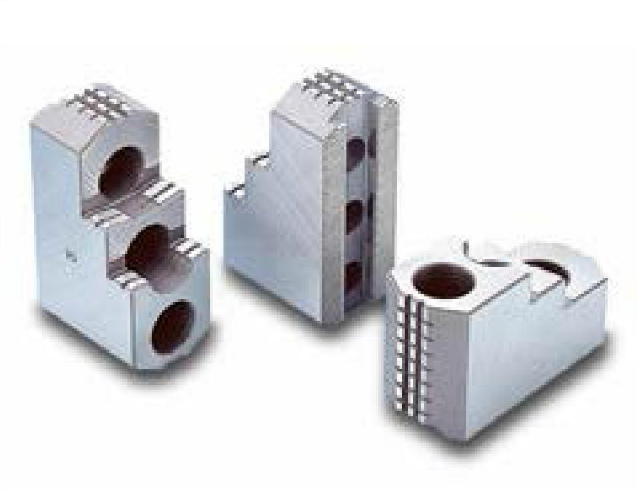


EDP	S-1	S-2	S-3	S-4	S-5	S-6	S-7	S-8	S-9	Serration Pitch	Weight (kg)
J04S00	49.5	23	23	10	4.5	10	14	25.5	M8×1.25P	1.5 × 60°	0.42
J05S00	62	25	30	10	4.5	10	14	38	M8 ×1.25P	1.5 × 60°	0.85
J06S00	73	31	36	12	5	15	20	38	M10 ×1.5P	1.5 × 60°	1.5
J08S00	95	35	38	14	5	24	25	46	M12×1.75P	1.5 × 60°	2.4
J10S00	110	40	42	16	5	30	30	50	M12×1.75P	1.5 × 60°	3.6
J12S00	129	50	50	21(18)	6	39	30	60	M16×2P(M14×2P)	1.5 × 60°	6.1
J15S00	165	62	62	22(25.5)	8(5)	37	43	85	M20×2.5P	1.5 × 60°	12.5
J18S00	165	62	62	22(25.5)	8(5)	37	43	85	M20×2.5P	1.5 × 60°	12.5
J21S00	180	65	70	25	9	40	60	80	M20×2.5P	3.0× 60°	16.2
J24S00	180	65	70	25	9	40	60	80	M20×2.5P	3.0× 60°	16.2
J32S00	180	65	70	25	9	40	60	80	M20×2.5P	3.0× 60°	16.2

HARD JAWS FOR HYDRAULIC CHUCKS

ТВЁРДЫЕ КУЛАЧКИ ДЛЯ ГИДРАВЛИЧЕСКИХ ПАТРОНОВ

SSHH



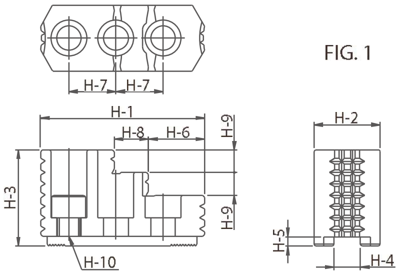


FIG. 1

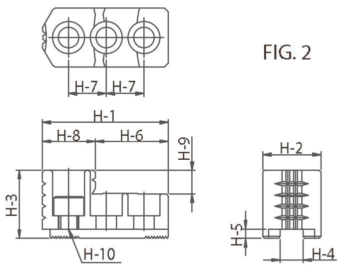


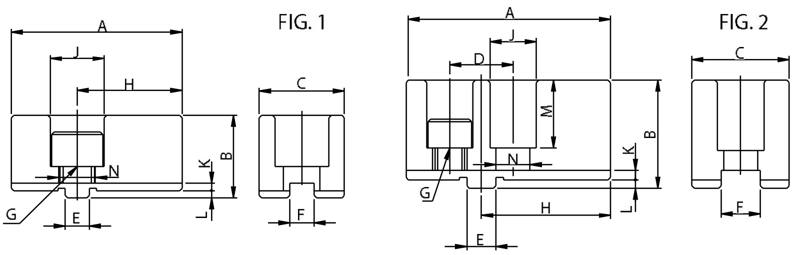
FIG. 2

EDP	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	Serration Pitch	Weight (kg)	Reference Drawing
	53	23	28	10	4	29	14	24	10	M8×1.25P	1.5 x 60°	0.4	Fig-2
	53	23	28	10	4	29	14	24	10	M8×1.25P	1.5 x 60°	0.4	Fig-2
	67	31	36	12	5	39	20	28	12	M10×1.5P	1.5 x 60°	0.95	Fig-2
	87	35	51	14	5	29.5	25	18	12	M12×1.75P	1.5 x 60°	1.9	Fig-1
	101	40	54	16	5	45.5	30	18	13	M12×1.75P	1.5 x 60°	2.8	Fig-1
	108	50	67	21(18)	4(5)	49	30	20	16	M16×2P(M14x2P)	1.5 x 60°	3.5	Fig-1
	143	62	86	22(25.5)	8(5)	55	43	38	20	M20x2.5P	1.5 x 60°	9.5	Fig-1
	143	62	86	22(25.5)	8(5)	55	43	38	20	M20x2.5P	1.5 x 60°	9.5	Fig-1
	159.5	80	90	25	9	97.5	50	62	40	M20x2.5P	3.0x 60°	15.3	Fig-2
	159.5	80	90	25	9	97.5	50	62	40	M20x2.5P	3.0x 60°	15.3	Fig-2
	159.5	80	90	25	9	97.5	50	62	40	M20x2.5P	3.0x 60°	15.3	Fig-2

SOFT JAWS FOR PULL BACK POWER CHUCKS

МЯГКИЕ КУЛАЧКИ ДЛЯ ВТЯГИВАЮЩИХ ТОКАРНЫХ ПАТРОНОВ

SSBP



EDP	A	B	C	D	E	F	G	H	J	K	L	M	N	Reference Drawing
J06SP1	70	34	35	-	10	10	M14×2P	43	23	3.0	3.0	21	15.5	Fig-1
J08SP1	84	44.5	40	26	12	16	M12×1.75P	53	20	3.5	3.5	29	13.5	Fig-2
J10SP1	100	49.5	50	32	15	18	M14×2P	62	23	3.5	3.5	32	15.5	Fig-2
J12SP1	120	54.5	60	36	17	20	M16×2P	78	26	3.5	3.5	36	17.5	Fig-2

MOUNTING PLATES

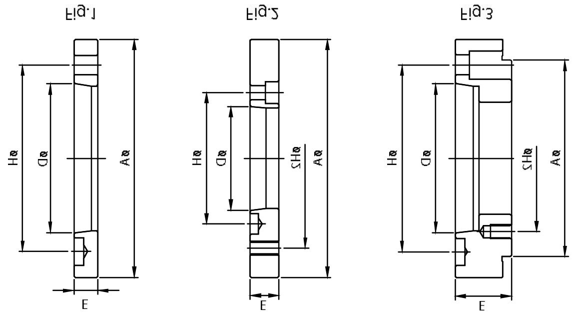
КРЕПЁЖНЫЕ ФЛАНЦЫ

MPTM

Fig.1

Fig.2

Fig.3



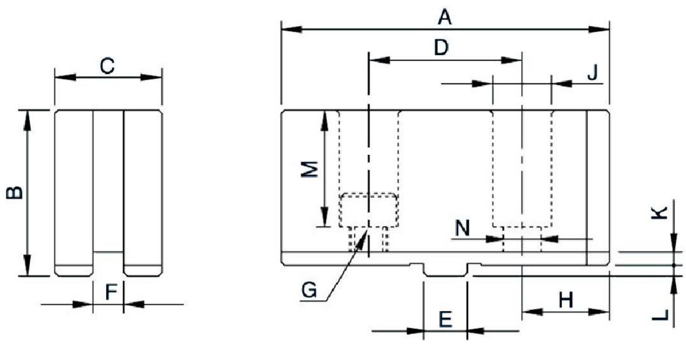
EDP	Nose of Spindle	A	H	H2	E	Reference Drawing
MP05A24	A24	110	82.6	-	20	Fig-1
MP06A25	A25	140	104.8	-	15	Fig-1
MP08A26	A26	170	133.4	-	17	Fig-1
MP10A28	A28	220	171.4	-	18	Fig-1
MP12A28	A28	220	171.4	-	18	Fig-1
MP5A211	A211	300	235	-	22	Fig-1
MP8A211	A211	300	235	-	22	Fig-1
MP1A215	A215	380	330.2	-	27	Fig-1
MP4A220	A220	520	463.6	-	27	Fig-1
MP2A215	A215	380	330.2	-	27	Fig-1

EDP	Nose of Spindle	A	H	H2	E	Reference Drawing
MP04A24	A24	85	82.6	70.6	40	Fig-3
MP05A25	A25	110	104.8	82.6	45	Fig-3
MP06A24	A24	140	82.6	104.8	20	Fig-2
MP06A26	A26	140	133.4	104.8	40	Fig-3
MP08A25	A25	170	104.8	133.4	23	Fig-2
MP08A28	A28	170	171.4	133.4	45	Fig-3
MP10A26	A26	220	133.4	171.4	28	Fig-2
MP12A26	A26	220	133.4	171.4	28	Fig-2
MP2A211	A211	220	235	171.4	54	Fig-3
MP15A28	A28	300	171.4	235	33	Fig-2
MP18A28	A28	300	171.4	235	33	Fig-2
MP21A28	A28	380	171.4	330.2	41	Fig-2
MP1A211	A211	380	235	330.2	41	Fig-2
MP4A211	A211	520	235	463.6	42	Fig-2
MP4A215	A215	520	330.2	463.6	42	Fig-2
MP2A211	A211	380	235	330.2	41	Fig-2

POWER SOFT JAWS

МЯГКИЕ КУЛАЧКИ

SSPJ

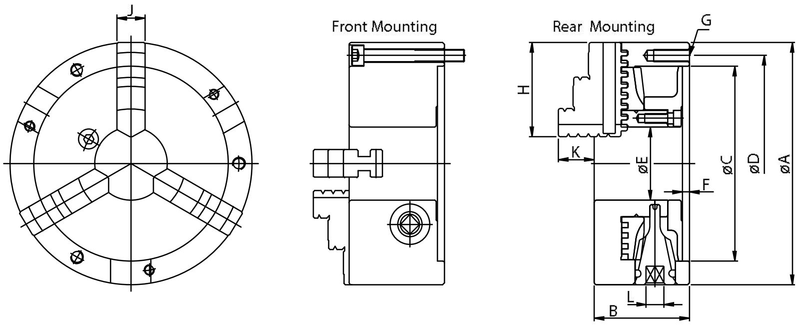


EDP	A	B	C	D	E	F	G	H	J	K	L	M	N	Weight (kg)
J04SP0	52	30	19	24	9.53	7.94	M6x1P	14	11	3	2.5	21	7	0.45
J05SP0	62	35	24	32	12.68	7.94	M8x1.25P	15	14	3.5	3	24	9	0.9
J06SP0	73	37	26	38.1	12.68	7.94	M8×1.25P	17.45	14	3.5	3	25	9	1.3
J07SP0	95	48	31	44.4	12.68	7.94	M10×1.5P	25.3	17	3.8	3	34	11	2.6
J09SP0	110	48	37	54	19.03	12.7	M12×1.75P	28	19	4.2	3	34	13	3.6
J12SP0	125	54	42	63.5	19.03	12.7	M12×1.75P	30.75	19	4.2	3	38	13	5.5
J16SP0	160	70	50	76.2	19.03	12.7	M16×2P	41.9	25	5.5	6	48	17	10.4
J24SP0	160	80	55	76.2	19.03	12.7	M20×2.5P	41.9	32	5.5	6	58	21	-

3-JAW SCROLL CHUCKS

ТРЁХКУЛАЧКОВЫЙ ПАТРОН СО СПИРАЛЬНЫМ ДИСКОМ

US3TS

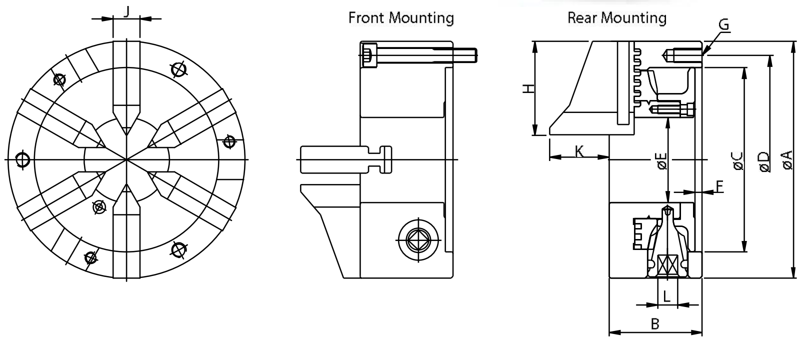


EDP	A	B	C	D	E	F	G	H	J	K	L	Max. Speed	Max. Gripping Diameter		Weight (kg)
													O.D. Clamping	I.D. Clamping	
JC03R30	85	45	60	73	16	3.5	3-M6x1P	35	11	15	7	2500	Ø2-Ø70	Ø24-Ø64	1.5
JC04R30	112	58	80	95	24	4.5	3-M8x1.25P	42	14	17	8	2500	Ø3-Ø90	Ø32-Ø84	3.3
JC05R30	132	60	100	115	32	4.5	3-M8x1.25P	50	16	20	8	2500	Ø3-Ø110	Ø35-Ø100	4.6
JC06R30	167	66	130	147	45	5	3-M10x1.5P	65	19	23	10	2000	Ø4-Ø160	Ø48-Ø150	7.9
JC07R30	193	76	155	172	58	5	3-M10x1.5P	75	22	28	11	2000	Ø4-Ø180	Ø56-Ø170	12.0
JC08R30	203	76	160	176	58	5	3-M10x1.5P	75	22	28	11	2000	Ø4-Ø180	Ø56-Ø170	13.3
JC09R30	233	84	190	210	70	5.5	3-M12x1.75P	85	24	34.5	12	2000	Ø5-Ø220	Ø62-Ø210	19.3
JC10R30	273	86	230	250	89	5.5	3-M12x1.75P	98	28	39	12	1800	Ø6-Ø260	Ø70-Ø250	26.2
JC12R30	310	96	260	285	105	7	3-M12x1.75P	110	30	45	14	1800	Ø10-Ø300	Ø86-Ø290	37.6
JC14R30	355	112	300	328	127	7	6-M12x1.75P	132	35	50	15	1500	Ø12-Ø350	Ø96-Ø230	57.2
JC16R30	405	122	345	375	160	8	6-M14x2P	146	40	56	15	1500	Ø14-Ø400	Ø100-Ø380	80.7

6-JAW CHUCKS FOR MACHINING THIN WALLED WORKPIECES

ШЕСТИКУЛАЧКОВЫЕ ПАТРОН СО СПИРАЛЬНЫМ ДИСКОМ ДЛЯ ТОНКОСТЕННЫХ ДЕТАЛЕЙ

US6TW

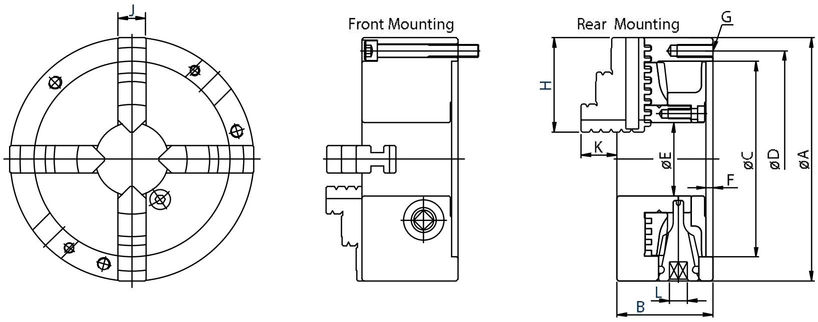


EDP	A	B	C	D	E	F	G	H	J	K	L	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter O.D. Clamping	Weight (kg)
JC04R60	112	58	80	95	32	4.5	3-M8×1.25P	45	14	46	8	1200	Ø2-Ø32	3.8
JC06R60	167	65	130	147	60	5.0	3-M10×1.5P	66	19	43	10	1200	Ø3-Ø60	8.2

4-JAW SCROLL CHUCKS

ЧЕТЫРЁХКУЛАЧКОВЫЕ ПАТРОНЫ СО СПИРАЛЬНЫМ ДИСКОМ

US4TS

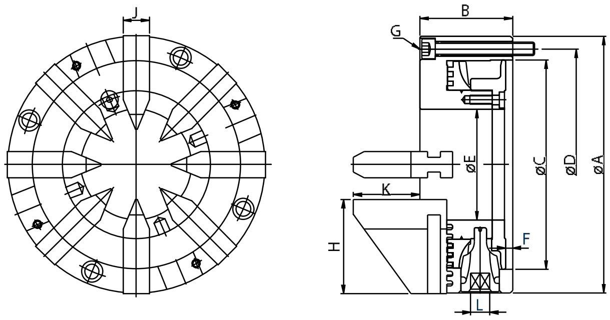


EDP	A	B	C	D	E	F	G	H	J	K	L	Max. Speed	Max. Gripping Diameter r.p.m. (min-1)	O.D. Clamping	Weight (kg)
JC07R40	193	76	155	172	58	5	3-M10×1.5P	75	22	28	11	2000	Ø4-Ø180	Ø56-Ø170	12.1
JC09R40	233	84	190	210	70	5.5	3-M12×1.75P	85	24	34.5	12	2000	Ø5-Ø220	Ø62-Ø210	19.4
JC12R40	310	96	260	285	105	7	3-M12×1.75P	110	30	45	14	1800	Ø10-Ø300	Ø86-Ø290	38.1
JC16R40	405	122	345	375	160	8	6-M14×2P	146	40	56	15	1500	Ø14-Ø400	Ø100-Ø380	82.4

8-JAW CHUCKS FOR MACHINING THIN WALLED WORKPIECES

ВОСЬМИКУЛАЧКОВЫЕ ПАТРОНЫ СО СПИРАЛЬНЫМ ДИСКОМ ДЛЯ ОБРАБОТКИ ТОНКОСТЕННЫХ ДЕТАЛЕЙ

US8TW

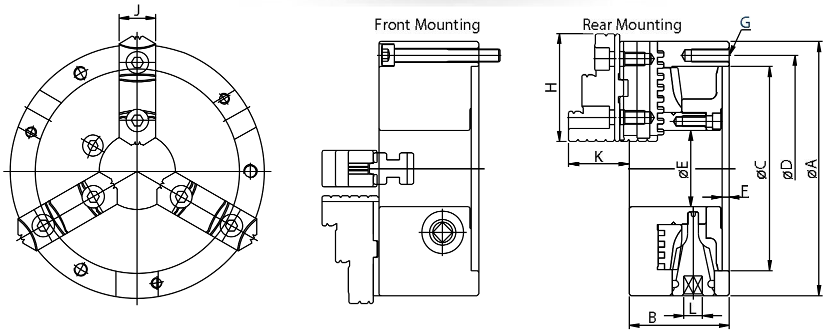


EDP	A	B	C	D	E	F	G	H	J	K	L	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter O.D. Clamping	Weight (kg)
JC09R60	233	84	190	210	100	5.5	4-M12×1.75P	85	24	60	12	1000	Ø7-Ø100	21

3-JAW POWERFUL TYPE SCROLL CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ СО СПИРАЛЬНЫМ ДИСКОМ ДЛЯ ТЯЖЁЛОЙ ОБРАБОТКИ

US3PT



EDP	A	B	C	D	E	F	G	H	J	K	L	Max. Speed	Max. Gripping Diameter		Weight (kg)
													r.p.m. (min-1)	O.D. Clamping	
JC04R31	112	58	80	95	24	4.5	3-M8x1.25P	47	19	31.5	8	2500	Ø3-Ø100	Ø35-Ø93	3.45
JC05R31	132	60	100	115	32	4.5	3-M8x1.25P	57	24	36	8	2500	Ø3-Ø123	Ø43-Ø122	5.0
JC06R31	167	66	130	147	45	5	3-M10×1.5P	68	26	39	10	2000	Ø8-Ø160	Ø55-Ø150	8.6
JC07R31	193	76	155	172	58	5	3-M10×1.5P	82	28	43	11	2000	Ø8-Ø180	Ø62-Ø170	12.8
JC08R31	203	76	160	176	58	5	3-M10×1.5P	82	28	43	11	2000	Ø8-Ø180	Ø62-Ø170	14.1
JC09R31	233	84	190	210	70	5.5	3-M12×1.75P	93	32	50	12	2000	Ø11-Ø220	Ø70-Ø210	20.4
JC10R31	273	86	230	250	89	5.5	3-M12×1.75P	102	32	54.5	12	1800	Ø12-Ø260	Ø80-Ø250	26.7
JC12R31	310	96	260	285	105	7	3-M12×1.75P	118	40	56	14	1800	Ø15-Ø300	Ø90-Ø290	39.3
JC14R31	355	122	300	328	127	7	6-M12×1.75P	139	45	70.5	15	1500	Ø25-Ø350	Ø110-Ø230	60.7
JC16R31	405	122	345	375	160	8	6-M14×2P	150	50	75	15	1500	Ø30-Ø400	Ø110-Ø380	82.3
JC20R31	500	140	420	458	205	5.5	6-M16×2P	140	55	84	19	1000	Ø25-Ø480	Ø125-Ø460	145.5

3-JAW A1,A2 TYPE CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ, ТИП А1, А2

US3TA

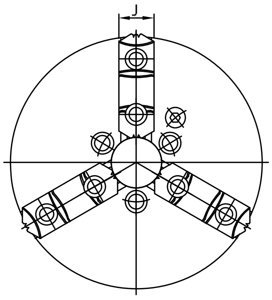


Fig.1 A1 type

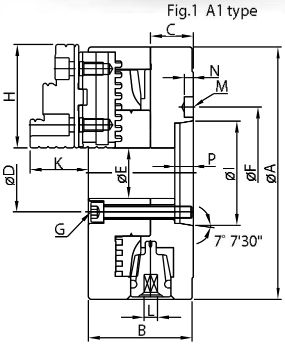
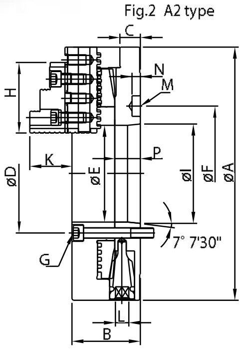


Fig.2 A2 type



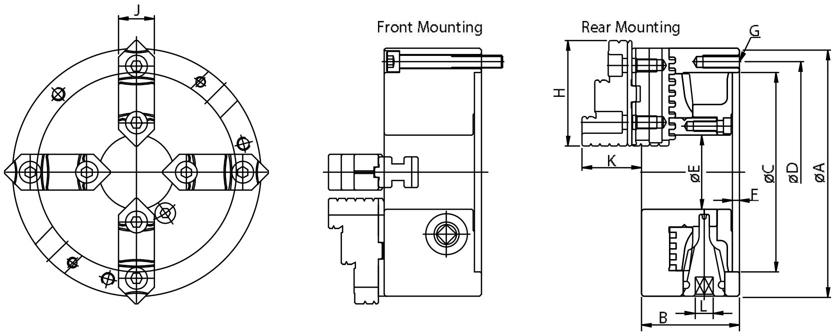
EDP	A	B	C	D	E	F	G	H	I	J	K	L	P	M	N
JC1508R30	200	83	33.5	61.9	40	Ø104.8	3-M10×1.5P	82	82.563	28	43	11	14.29	Ø16.3	6.8
JC1608R30	200	83	33.5	82.6	56	Ø133.4	3-M12×1.75P	82	106.375	28	43	11	15.88	Ø19.3	6.8
JC1610R30	255	91.5	36.5	82.6	56	Ø133.4	3-M12×1.75P	93	106.375	32	50	12	15.88	Ø19.3	6.8
JC2120R30	500	135	40	235	190.5	Ø235	6-M20×2.5P	140	196.869	55	84	19	-	Ø29.4	10.7

EDP	Max. Speed	Max. Gripping Diameter		Weight	Reference Drawing
		r.p.m. (min-1)	O.D. Clamping		
JC1508R30	2000	Ø8-Ø180	Ø62-Ø170	17.4	fig.1
JC1608R30	2000	Ø8-Ø180	Ø62-Ø170	18	fig.1
JC1610R30	1800	Ø11-Ø240	Ø70-Ø230	30.6	fig.1
JC2120R30	1000	Ø25-Ø480	Ø125-Ø460	161.5	fig.2

4-JAW POWERFUL TYPE SCROLL CHUCKS

ЧЕТЫРЁХКУЛАЧКОВЫЕ ПАТРОНЫ СО СПИРАЛЬНЫМ ДИСКОМ ДЛЯ ТЯЖЁЛОЙ ОБРАБОТКИ

US4PT

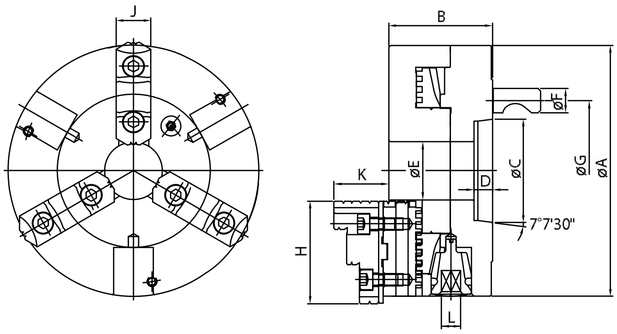


EDP	A	B	C	D	E	F	G	H	J	K	L	Max. Speed	Max. Gripping Diameter r.p.m. (min-1)	O.D. Clamping	Weight (kg)
JC07R41	193	76	155	172	58	5	3-M10×1.5P	82	28	43	11	2000	Ø8-Ø180	Ø62-Ø170	12.7
JC09R41	233	84	190	210	70	5.5	3-M12×1.75P	93	32	50	12	2000	Ø11-Ø220	Ø70-Ø210	20.8
JC12R41	310	96	260	285	105	7	3-M12×1.75P	118	40	56	14	1800	Ø15-Ø300	Ø90-Ø290	43
JC16R41	405	122	345	375	160	8	6-M14×2P	150	50	75	15	1500	Ø30-Ø400	Ø110-Ø380	86.7
JC20R41	500	140	420	458	205	5.5	6-M16×2P	140	55	84	19	1000	Ø25-Ø480	Ø125-Ø460	149

3-JAW D1 TYPE CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ, ТИП D1

US3TD

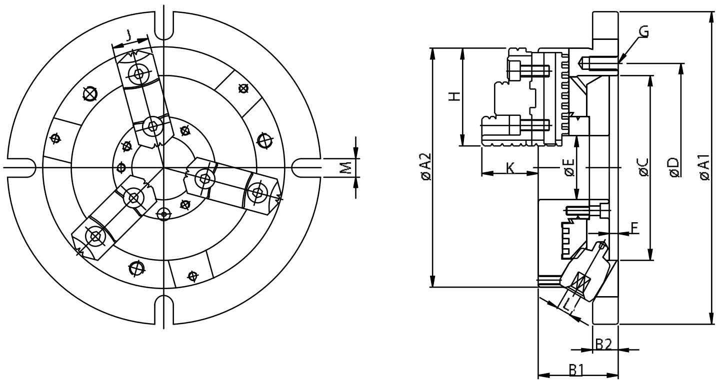


EDP	A	B	C	D	E	F	G	H	J	K	L	Max. Speed	Max. Gripping Diameter		Weight (kg)
													r.p.m. (min-1)	O.D. Clamping	
JC1508N	200	83	82.563	15	46	19	104.8	82	28	43	11	2000	Ø8-Ø180	Ø62-Ø170	17.8
JC1608N	200	83	106.375	16	58	22.2	133.4	82	28	43	11	2000	Ø8-Ø180	Ø62-Ø170	17.3
JC1610N	255	94	106.375	16	76	22.2	133.4	93	32	50	12	1800	Ø11-Ø240	Ø70-Ø230	31.3
JC1810N	255	94	139.719	18	76	25.4	171.4	93	32	50	12	1800	Ø11-Ø240	Ø70-Ø230	30.9
JC1812N	310	105	139.719	18	103	25.4	171.4	118	40	56	14	1800	Ø15-Ø300	Ø90-Ø290	51.1
JC1120N	500	135	196.869	-	190.5	30.2	235	140	55	84	19	1000	Ø25-Ø480	Ø125-Ø460	165.5

POWERFUL TYPE SUPER THIN CHUCKS

ОЧЕНЬ ПЛОСКИЕ ПАТРОНЫ ДЛЯ ТЯЖЁЛОЙ ОБРАБОТКИ

PUSTC



EDP	A1	A2	B1	B2	C	D	E	F	G	H
JC06R30T	220	170	58	18	130	147	45	6	3-M10×1.5P	68
JC08R30T	270	210	65	20	155	172	60	6	3-M10×1.5P	82
JC10R30T	315	255	73	20	190	210	80	6	3-M12×1.75P	93
JC12R30T	370	305	80	22	250	285	105	5	3-M12×1.75P	118

EDP	J	K	L	Max. Speed	Max. Gripping Diameter		Weight (kg)
					r.p.m. (min-1)	O.D. Clamping	
JC06R30T	26	40	10	13	Ø8~Ø160	Ø48~Ø150	10.6
JC08R30T	28	43	11	13	Ø11~Ø200	Ø62~Ø190	18.1
JC10R30T	32	52	12	16	Ø12~Ø250	Ø72~Ø240	27.9
JC12R30T	40	59	14	18	Ø15~Ø300	Ø86~Ø290	42.9

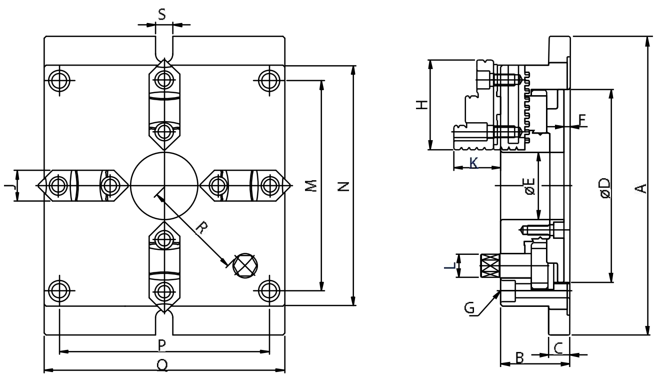
SUPER THIN CHUCKS

1. The handle with an angle of 30 degrees is much convenient for operations.
2. The "super thin thickness" design of chucks increase the "allowable distance" of machining operations.
3. Chuck fl ange makes loading and unloading operations simpler and more convenient.
4. Hard jaws and Soft jaws can be used alternatively.

SUPER THIN SQUARE CHUCKS

ПЛОСКИЕ ПАТРОНЫ КВАДРАТНЫЕ

PUTSC



EDP	A	B	C	D	E	F	G	H	J	K	L	M
JC06R40T	215	57	18	130	40	5.5	4-M10×1.5P	68	26	39	14	144
JC08R40T	250	65	20	160	55	6	4-M12×1.75P	82	28	43	17	174
JC10R40T	310	72	22	200	70	6	4-M14×2P	93	32	50	21	218
JC12R40T	380	85	25	260	100	7	4-M16×2P	118	40	56	23	274

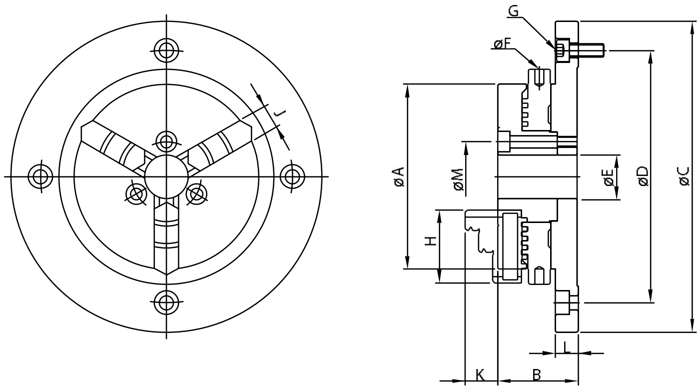
EDP	N	P	Q	R	S	Max. Gripping Diameter		Weight (kg)
						r.p.m. (min-1)	O.D. Clamping	
JC06R40T	165	144	165	66	18	Ø4~Ø128	Ø55~Ø128	11.4
JC08R40T	200	174	200	83	18	Ø5~Ø162	Ø62~Ø162	18.6
JC10R40T	250	218	250	104	18	Ø6~Ø200	Ø72~Ø200	31.6
JC12R40T	310	274	310	135	22	Ø10~Ø265	Ø90~Ø265	56.6

1. MC chucks are precisely ground, the tolerances of W,X,Y,Z among chucks are within 0.05mm.
2. Soft jaws can be used alternatively for machining special shaped work pieces, to substitute for designing and making a lot of jigs for this purpose.
3. The repetitive gripping accuracy with the hard jaws are within 0.02mm.
4. Parallel gripping accuracy with hard jaws can be controlled within 0.05mm after aligning sides of chucks.

SUPER THIN CHUCKS

ПЛОСКИЕ ПАТРОНЫ

PUS



EDP	A	B	C	D	E	F	G	H	J	K	L	M	Max. Gripping Diameter O.D. Clamping	Max. Gripping Diameter I.D. Clamping	Weight (kg)
JC02R30T	63	28	118	100	16	4	4-M5×0.8P	27	8	13	8	26	Ø0.8~Ø63	Ø23~Ø58	1.2
JC03R30T	85	37	143	116	20	4	4-M6×1P	35	11	15	10.5	32	Ø1~Ø81	Ø31~Ø70	2.9
JC04R30T	110	39	168	140	26	5	4-M6×1P	42	14	19	10	40	Ø1~Ø100	Ø36~Ø90	4.3
JC05R30T	130	45	202	168	32	6	4-M8×1.25P	50	16	21	11.5	49	Ø1.5~Ø116	Ø43~Ø106	6.2
JC06R30T	160	52	248	208	50	8	4-M10×1.5P	65	19	26	15	70	Ø1.5~Ø160	Ø52~Ø148	11.1

SUPER THIN CHUCKS

1. By the compactness comes from " Light, Thin, Short, Small" designing concept; the chucks are most fitting to hold work pieces for measuring.
2. Just rotate the chuck knob directly for gripping and loosening, A handle is not necessary to be used.
3. Chuck body is made of very durable steel.
4. Jaws can be reversibly used; gripping of various sizes becomes much convenient.
5. 2" chucks can even grip up to the smallest size of 0.08mm.

СУПЕРТОНКИЕ ПАТРОНЫ

1. Конструкция спроектирована по принципу „лёгкий, плоский, короткий, небольшой"; данные патроны особенно подходят для зажима деталей, обрабатываемых при измерении.
2. Зажим не требует ключа.
3. Корпус патрона исполнен из чрезвычайно износостойкой стали.
4. Сменные кулачки (мягкие, твёрдые); очень удобно при обработке разноплановых форм деталей.
5. 2-дюймовые патроны приспособлены для зажима деталей с размерами 0.08 mm.

STEEL BODY CHUCKS

ПАТРОНЫ, СТАЛЬНОЙ КОРПУС

Top jaws can be adjusted back and forth easily, thus increasing gripping range

Верхние кулачки можно легко и разнопланово переустанавливать, что позволяет увеличить диапазон крепления в патроне

The chuck can be used as a „Forming plate" for machining soft jaws

Патрон может действовать как „формирующий фактор", при обработке с мягкими кулачками

Hard jaws are interchangable with those of power chucks

Твёрдые кулачки взаимозаменяемы с кулачками для механизированных патронов

Hard jaws are interchangable with those of power chucks

Твёрдые кулачки взаимозаменяемы с кулачками для механизированных патронов

Optional accesory: Mounting plate.

Дополнительные комплектующие: Присоединительные фланцы

STEEL BODY CHUCKS:

1. Can be used as a "Forming plate" for machining soft jaws.
2. Hard jaws and soft jaws can be adjusted just like on a power Chuck to increase the gripping range.
3. Hard jaws as well as Soft jaws are interchangeable with those of power chucks.
4. Chuck Body is made of steel to enhance safety operations for high speed machining.
5. The Chuck Handle can be operated easily and smoothly.

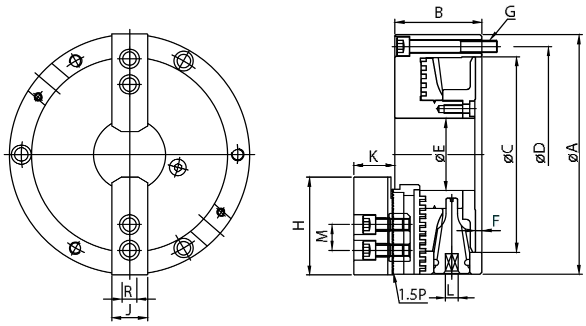
ПАТРОНЫ СО СТАЛЬНЫМ КОРПУСОМ

1. Могут применяться в качестве „формирующих" при обработке с мягкими кулачками.
2. Твёрдые и мягкие кулачки, можно устанавливать так же, как в механизированных патронах, для увеличения диапазона зажима.
3. Твёрдые и мягкие кулачки взаимозаменяемы с кулачками механизированных патронов.
4. Стальной корпус обеспечивает безопасное применение патрона при больших скоростях.
5. Удобство использования ключа патрона

2-JAW STEEL BODY CHUCKS

ДВУХКУЛАЧКОВЫЕ ПАТРОНЫ, СТАЛЬНОЙ КОРПУС

US2SB



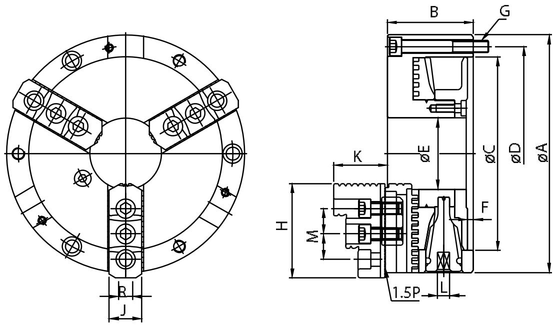
EDP	A	B	C	D	E	F	G	H	J	K	L
JC07R20T	193	78	155	172	58	5	3-M10×1.5P	73	31	38	11
JC09R20T	233	85	190	210	70	5.5	3-M12×1.75P	95	35	40	12

EDP	M	R	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter		Weight (kg)
				O.D. Clamping	I.D. Clamping	
JC07R20T	20	12	3200	Ø8~Ø235	Ø66~Ø235	14.4
JC09R20T	25	14	2800	Ø11Ø280	Ø85~Ø280	22.3

3-JAW STEEL BODY CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ, СТАЛЬНОЙ КОРПУС

US3SB



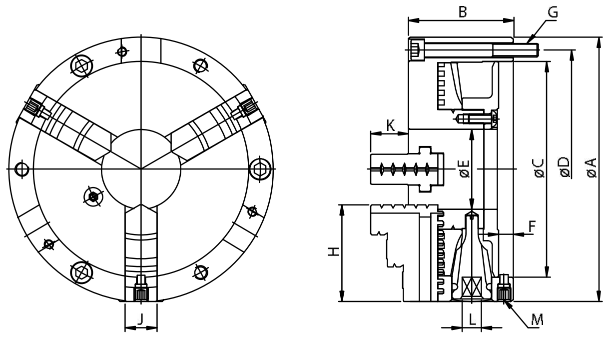
EDP	A	B	C	D	E	F	G	H	J	K	L
JC07R30T	193	78	155	172	58	5	3-M10×1.5P	78	28	46	11
JC09R30T	233	85	190	210	70	5.5	3-M12×1.75P	92	32	52	12
JC10R31T	275	91	230	250	89	5.5	3-M12×1.75P	101.5	37	56	12
JC12R31T	310	104	260	285	105	7	3-M12×1.75P	116	47	67	14

EDP	M	R	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter		Weight (kg)
				O.D. Clamping	I.D. Clamping	
JC07R30T	20	12	3200	Ø8~Ø235	Ø66~Ø235	13.1
JC09R30T	25	14	2800	Ø11~Ø280	Ø85~Ø280	21.2
JC10R31T	30	16	2400	Ø12~Ø330	Ø92~Ø330	30.5
JC12R31T	30	21	2100	Ø15~Ø370	Ø104~Ø370	46.1

3-JAW ADJUSTMENT STEEL BODY SCROLL CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ, СТАЛЬНОЙ РЕГУЛИРУЕМЫЙ КОРПУС СО СПИРАЛЬНЫМ ДИСКОМ

US3BS



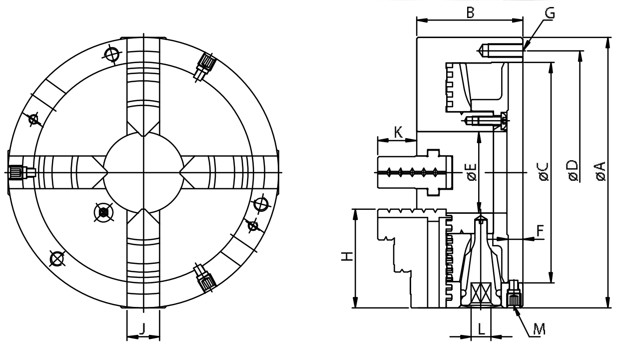
EDP	A	B	C	D	E	F	G	H	J	K	L
JC06R32	167	75.5	130	147	45	12	3-M10×1.5P	65	22	28	10
JC07R32	193	85	155	172	58	12	3-M10×1.5P	75	24	28.5	11
JC09R32	233	92	190	210	70	12.5	3-M12×1.75P	85	28	33	12
JC10R32	275	98	230	250	89	12.5	3-M12×1.75P	98	30	38	12
JC12R32	310	111	260	285	105	14	3-M12×1.75P	110	32	45	14

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter		Weight (kg)
			O.D. Clamping	I.D. Clamping	
JC06R32	3-M12×1.75P	4000	Ø4~Ø160	Ø48~Ø150	10.4
JC07R32	3-M12×1.75P	3500	Ø4~Ø1 80	Ø56~Ø170	12.9
JC09R32	3-M12×1.75P	2900	Ø5~Ø220	Ø62~Ø210	20.4
JC10R32	3-M12×1.75P	2500	Ø6~Ø260	Ø70~Ø250	29.3
JC12R32	3-M12×1.75P	2200	Ø10~Ø300	Ø86~Ø290	43.7

4-JAW ADJUSTMENT STEEL BODY SCROLL CHUCKS

ЧЕТЫРЁХКУЛАЧКОВЫЕ ПАТРОНЫ, СТАЛЬНОЙ РЕГУЛИРУЕМЫЙ КОРПУС СО СПИРАЛЬНЫМ ДИСКОМ

US4BS



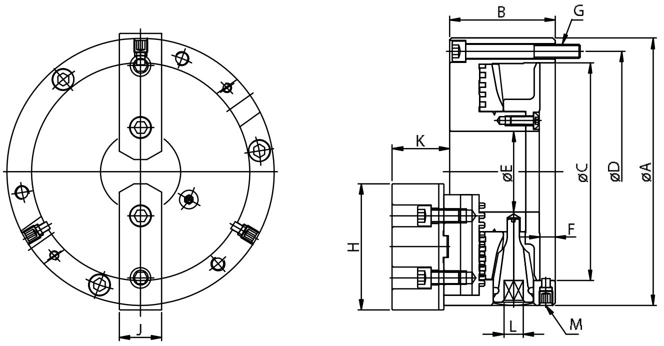
EDP	A	B	C	D	E	F	G	H	J	K	L
JC07R42	193	85	155	172	58	12	3-M10×1.5P	75	24	28.5	11
JC09R42	233	92	190	210	70	12.5	3-M12×1.75P	85	28	33	12
JC10R42	275	98	230	250	89	12.5	3-M12×1.75P	98	30	38	12
JC12R42	310	111	260	285	105	14	3-M12×1.75P	110	32	45	14

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter		Weight (kg)
			O.D. Clamping	I.D. Clamping	
JC07R42	3-M12×1.75P	3500	Ø4~Ø1 80	Ø56~Ø170	13.2
JC09R42	3-M12×1.75P	2900	Ø5~Ø220	Ø62~Ø210	20.7
JC10R42	3-M12×1.75P	2500	Ø6~Ø260	Ø70~Ø250	29.8
JC12R42	3-M12×1.75P	2200	Ø10~Ø300	Ø86~Ø290	44.4

2-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

ДВУХКУЛАЧКОВЫЕ ПАТРОНЫ, СТАЛЬНОЙ РЕГУЛИРУЕМЫЙ КОРПУС, ДЛЯ ТЯЖЁЛОЙ ОБРАБОТКИ

US2AS



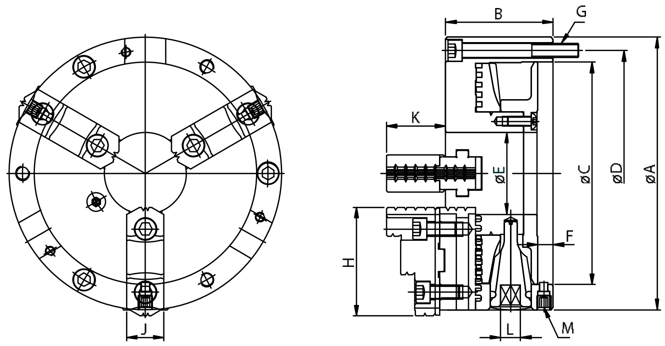
EDP	A	B	C	D	E	F	G	H	J	K	L
JC07R20	193	85	155	172	58	12	3-M10×1.5P	95	31	49.5	11
JC09R20	233	92	190	210	70	12.5	3-M12×1.75P	110	37	50	12

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter		Weight (kg)
			O.D. Clamping	I.D. Clamping	
JC07R20	3-M12×1.75P	3500	Ø10~Ø180	Ø70~Ø170	14.6
JC09R20	3-M12×1.75P	2900	Ø12~Ø220	Ø80~Ø210	22.4

3-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

ТРЁХКУЛАЧКОВЫЕ ПАТРОНЫ, СТАЛЬНОЙ РЕГУЛИРУЕМЫЙ КОРПУС, ДЛЯ ТЯЖЁЛОЙ ОБРАБОТКИ

US3AS



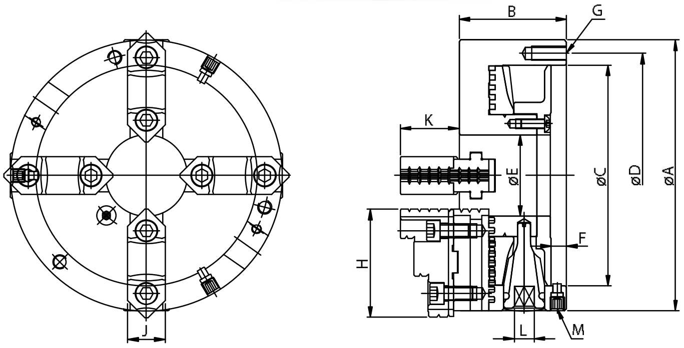
EDP	A	B	C	D	E	F	G	H	J	K	L
JC06R33	167	75.5	130	147	45	12	3-M10×1.5P	68	26	39	10
JC07R33	193	85	155	172	58	12	3-M10×1.5P	82	28	43	11
JC09R33	233	92	190	210	70	12.5	3-M12×1.75P	93	32	51	12
JC10R33	275	98	230	250	89	12.5	3-M12×1.75P	102	35	54	12
JC12R33	310	111	260	285	105	14	3-M12×1.75P	118	40	58	14

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter		Weight (kg)
			O.D. Clamping	I.D. Clamping	
JC06R33	3-M12×1.75P	4000	Ø8~Ø160	Ø55~Ø150	9.7
JC07R33	3-M12×1.75P	3500	Ø8~Ø180	Ø62~Ø170	13.6
JC09R33	3-M12×1.75P	2900	Ø11~Ø220	Ø70~Ø210	21.5
JC10R33	3-M12×1.75P	2500	Ø12~Ø260	Ø80~Ø250	30.4
JC12R33	3-M12×1.75P	2200	Ø15~Ø300	Ø90~Ø290	45.4

4-JAW POWERFUL TYPE ADJUSTMENT STEEL BODY CHUCKS

ЧЕТЫРЁХКУЛАЧКОВЫЕ ПАТРОНЫ, СТАЛЬНОЙ РЕГУЛИРУЕМЫЙ КОРПУС, ДЛЯ ТЯЖЁЛОЙ ОБРАБОТКИ

US4AS

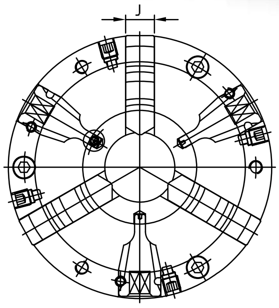


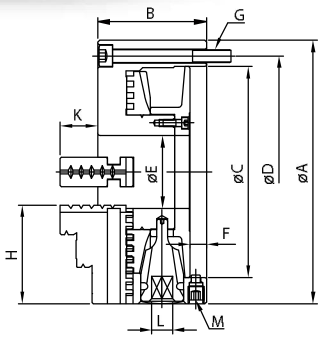
EDP	A	B	C	D	E	F	G	H	J	K	L
JC07R43	193	85	155	172	58	12	3-M10×1.5P	82	28	43	11
JC09R43	233	92	190	210	70	12.5	3-M12×1.75P	93	32	51	12
JC10R43	275	98	230	250	89	12.5	3-M12×1.75P	102	35	54	12
JC12R43	310	111	260	285	105	14	3-M12×1.75P	118	40	58	14

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter		Weight (kg)
			O.D. Clamping	I.D. Clamping	
JC07R43	3-M12×1.75P	3500	Ø8~Ø180	Ø62~Ø170	14.1
JC09R43	3-M12×1.75P	2900	Ø11~Ø220	Ø70~Ø210	22
JC10R43	3-M12×1.75P	2500	Ø12~Ø260	Ø80~Ø250	33.5
JC12R43	3-M12×1.75P	2200	Ø15~Ø300	Ø90~Ø290	46.1

3-JAW ADJUSTMENT STEEL BODY SCROLL CHUCKS

US3BC



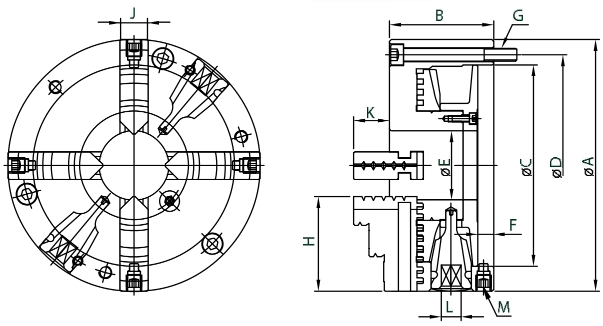


EDP	A	B	C	D	E	F	G	H	J	K	L
JC04J3	100	60	70	83	20	10	3-M8×1.25P	42	14	17	8
JC05J3	125	65	95	108	32	10.5	3-M8×1.25P	50	16	20	8
JC06J3	160	72.5	125	140	42	12	3-M10×1.5P	65	19	23	10
JC08J3	200	82.5	160	176	55	12	3-M10×1.5P	75	22	28	11
JC10J3	250	91	200	224	76	13	3-M12×1.75P	98	28	38.5	12
JC12J3	315	103	260	286	103	14	3-M16×2P	110	30	44.5	14
JC15J3	400	122	330	362	136	15	3-M16×2P	146	40	56	17

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter	
			O.D. Clamping	I.D. Clamping
JC04J3	4-M8×1.25P	5200	Ø3-Ø95	Ø30-Ø83
JC05J3	4-M10×1.5P	4800	Ø3-Ø122	Ø35-Ø111
JC06J3	4-M12×1.75P	4200	Ø4-Ø160	Ø46-Ø155
JC08J3	4-M12×1.75P	3500	Ø4-Ø197	Ø51-Ø184
JC10J3	4-M12×1.75P	2600	Ø6-Ø267	Ø70-Ø252
JC12J3	4-M12×1.75P	2200	Ø10-Ø325	Ø81-Ø308
JC15J3	4-M12×1.75P	1600	Ø14-Ø428	Ø106-Ø410

4-JAW ADJUSTMENT STEEL BODY SCROLL CHUCKS

US4BC

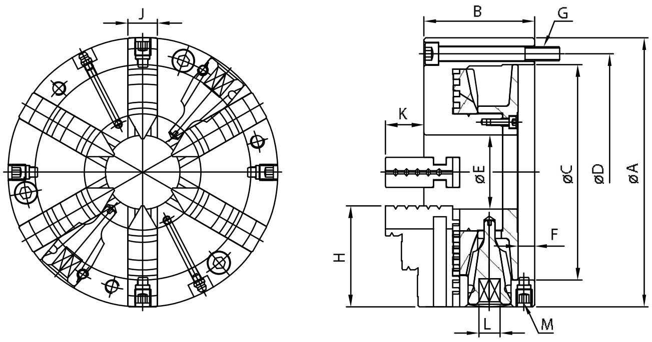


EDP	A	B	C	D	E	F	G	H	J	K	L
JC08J4	200	82.5	160	176	55	12	3-M10×1.5P	75	22	28	11
JC10J4	250	91	200	224	76	13	3-M12×1.75P	98	28	38.5	12
JC12J4	315	103	260	286	103	14	3-M16×2P	110	30	44.5	14
JC15J4	400	122	330	362	136	15	3-M16×2P	146	40	56	17

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter	
			O.D. Clamping	I.D. Clamping
JC08J4	4-M12×1.75P	3500	Ø4-Ø197	Ø51-Ø184
JC10J4	4-M12×1.75P	2600	Ø6-Ø265	Ø70-Ø250
JC12J4	4-M12×1.75P	2200	Ø10-Ø325	Ø81-Ø308
JC15J4	4-M12×1.75P	1600	Ø14-Ø408	Ø106-Ø389

6-JAW ADJUSTMENT STEEL BODY SCROLL CHUCKS

US6BC

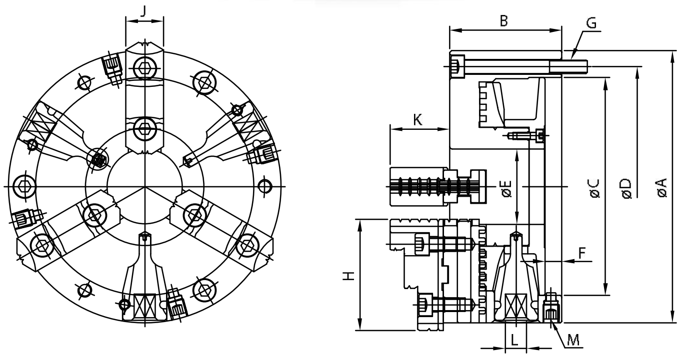


EDP	A	B	C	D	E	F	G	H	J	K	L
JC08J6	200	82.5	160	176	55	12	3-M10×1.5P	75	22	28	11
JC10J6	250	91	200	224	76	13	3-M12×1.75P	98	28	38.5	12
JC12J6	315	103	260	286	103	14	3-M16×2P	110	30	44.5	14
JC15J6	400	122	330	362	136	15	3-M16×2P	146	40	56	17

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter	
			O.D. Clamping	I.D. Clamping
JC08J6	4-M12×1.75P	2900	Ø4-Ø183	Ø51-Ø170
JC10J6	4-M12×1.75P	2200	Ø6-Ø249	Ø70-Ø233
JC12J6	4-M12×1.75P	1800	Ø10-Ø305	Ø81-Ø288
JC15J6	4-M12×1.75P	1300	Ø14-Ø406	Ø105-Ø387

3-JAW POWERFUL ADJUSTMENT STEEL BODY CHUCKS

US3PC



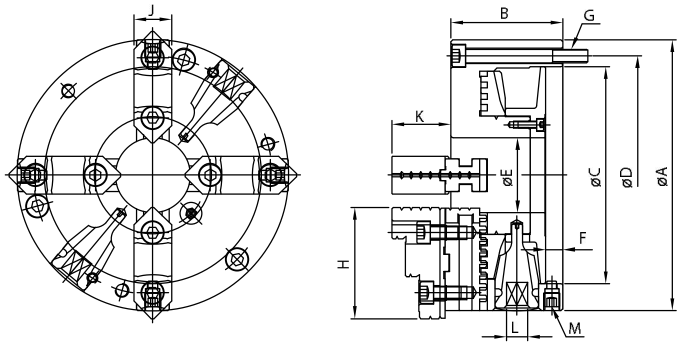
EDP	A	B	C	D	E	F	G	H	J	K	L
JC05PJ3	125	65	95	108	32	10.5	3-M8×1.25P	57	24	36	8
JC06PJ3	160	72.5	125	140	42	12	3-M10×1.5P	68	26	38.5	10
JC08PJ3	200	82.5	160	176	55	12	3-M10×1.5P	82	28	43	11
JC10PJ3	250	91	200	224	76	13	3-M12×1.75P	102	35	54.5	12
JC12PJ3	315	103	260	286	103	14	3-M16×2P	117.5	40	56.5	14
JC15PJ3	400	122	330	362	136	15	3-M16×2P	150	50	74.5	17

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter	
			O.D. Clamping	I.D. Clamping
JC05PJ3	4-M10×1.5P	4800	Ø3-Ø121	Ø44-Ø120
JC06PJ3	4-M12×1.75P	4200	Ø8-Ø169	Ø50-Ø158
JC08PJ3	4-M12×1.75P	3500	Ø8-Ø206	Ø58-Ø191
JC10PJ3	4-M12×1.75P	2600	Ø12-Ø266	Ø77-Ø250
JC12PJ3	4-M12×1.75P	2200	Ø15-Ø340	Ø85-Ø313
JC15PJ3	4-M12×1.75P	1600	Ø30-Ø440	Ø123-Ø416

HYDRAULIC
PNEUMATIC
Pasrts and Acc
SCROLL
SUPER THIN
STEEL BODY
DIN

4-JAW POWERFUL ADJUSTMENT STEEL BODY CHUCKS

US4PC

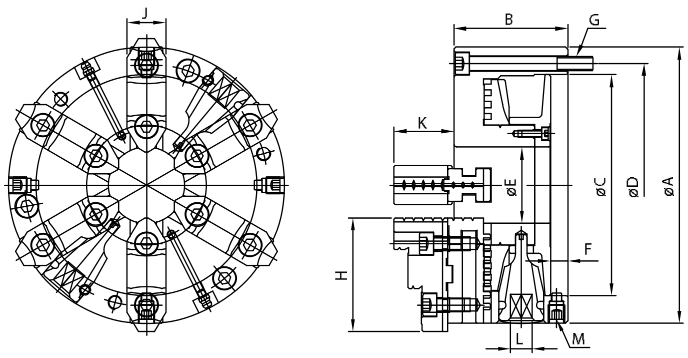


EDP	A	B	C	D	E	F	G	H	J	K	L
JC08PJ4	200	82.5	160	176	55	12	3-M10×1.5P	82	28	43	11
JC10PJ4	250	91	200	224	76	13	3-M12×1.75P	102	35	54.5	12
JC12PJ4	315	103	260	286	103	14	3-M16×2P	117.5	40	56.5	14
JC15PJ4	400	122	330	362	136	15	3-M16×2P	150	50	74.5	17

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter	
			O.D. Clamping	I.D. Clamping
JC08PJ4	4-M12×1.75P	3500	Ø8-Ø205	Ø59-Ø190
JC10PJ4	4-M12×1.75P	2600	Ø12-Ø265	Ø78-Ø249
JC12PJ4	4-M12×1.75P	2200	Ø15-Ø323	Ø86-Ø296
JC15PJ4	4-M12×1.75P	1600	Ø30-Ø419	Ø124-Ø396

6-JAW POWERFUL ADJUSTMENT STEEL BODY CHUCKS

US6PC



EDP	A	B	C	D	E	F	G	H	J	K	L
JC08PJ6	200	82.5	160	176	55	12	3-M10×1.5P	82	28	43	11
JC10PJ6	250	91	200	224	76	13	3-M12×1.75P	102	35	54.5	12
JC12PJ6	315	103	260	286	103	14	3-M16×2P	117.5	40	56.5	14
JC15PJ6	400	122	330	362	136	15	3-M16×2P	150	50	74.5	17

EDP	M	Max. Speed r.p.m. (min-1)	Max. Gripping Diameter	
			O.D. Clamping	I.D. Clamping
JC08PJ6	4-M12×1.75P	2900	Ø17-Ø193	Ø67-Ø178
JC10PJ6	4-M12×1.75P	2200	Ø19-Ø248	Ø84-Ø232
JC12PJ6	4-M12×1.75P	1800	Ø23-Ø323	Ø93-Ø296
JC15PJ6	4-M12×1.75P	1300	Ø30-Ø419	Ø124-Ø396