

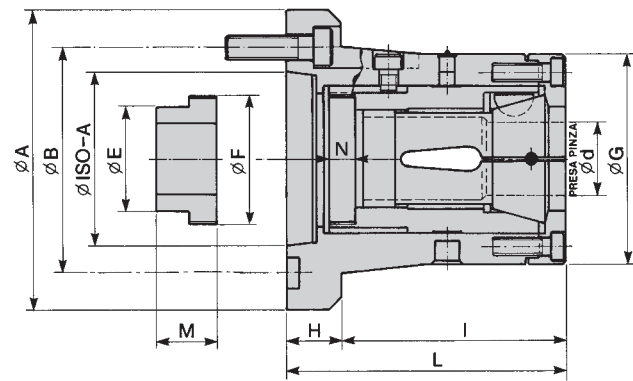
COLLET CHUCKS TYPE MSCTN



- MSCTN chucks are made from a block of steel hardened and tempered to 60 HRC, and are ground all over to ensure a long working life, precision and balance.
- MSCTN chucks come with ISO-A (DIN 55026) and flanged (AF) couplings.
- With the MSCTN chuck, ordinary collets and spring collets are opened and closed by means of a hydraulic or pneumatic cylinder fitted on the back of the lathe shaft.
- Collets come in the following types: BA single-taper, BD double-taper, BAS multi-diameter, BE draw-in, and PE-PET spring (see pages 12-13).
- Type BD double-taper collets are recommended for working bars.
- Jacobs, Crawford, Hainbuch, Hardinge, Riken, etc. collets can be mounted using suitable adaptors.

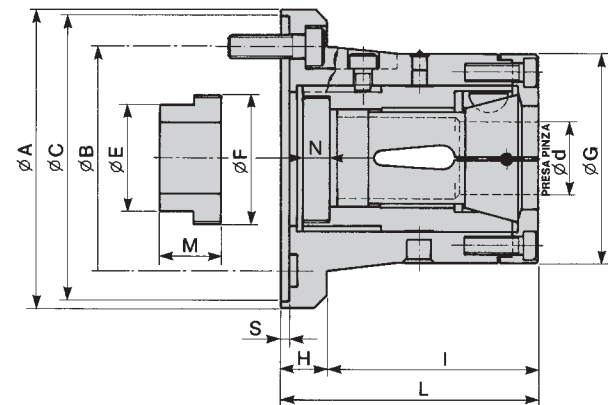


MSCTN/ISO-A COLLET CHUCK



CHUCK CODE	CHUCK MODEL	OVERALL DIMENSIONS													FORCE KN		MOMENT OF INERTIA PD ² KG.M ²	ROTATION SPEED RPM	WEIGHT KG
		A	B - N° OF HEX SCREWS	ISO-A	DIAMETER D MIN. ÷ MAX.	E	F	G	H	I	L	M	N	PULL OR THRUST	TORQUE				
001 004 032	MSCTN-32 / ISO-A 4"	115	82,6 - N. 3 / M10	63,513	3÷32	39	M48x1,5	88	25	96	121	30	14	35	56	0,035	8000	4,5	
001 004 042	MSCTN-42 / ISO-A 4"	115	82,6 - N. 3 / M10	63,513	4÷42	50	M52x1,5	98	25	103	128	30	14	45	72	0,0412	8000	4,5	
001 005 042	MSCTN-42 / ISO-A 5"	140	104,8 - N. 4 / M10	82,563	4÷42	50	M58x1,5	98	25	107	132	30	14	60	96	0,0563	8000	7	
001 005 052	MSCTN-52 / ISO-A 5"	140	104,8 - N. 4 / M10	82,563	4÷52	55	M68x1,5	108	25	107	132	40	14	60	96	0,0651	8000	7,5	
001 006 052	MSCTN-52 / ISO-A 6"	170	133,4 - N. 6 / M12	106,375	4÷52	55	M68x1,5	108	32	102	134	40	14	60	96	0,1144	8000	7,5	
001 006 060	MSCTN-60 / ISO-A 6"	170	133,4 - N. 6 / M12	106,375	4÷60	74	M82x1,5	130	26	125	151	40	14	100	160	0,1687	7000	13	
001 008 060	MSCTN-60 / ISO-A 8"	220	171,4 - N. 6 / M16	139,719	6÷60	74	M82x1,5	130	35	118	153	40	14	100	160	0,3309	7000	17,5	
001 006 070	MSCTN-70 / ISO-A 6"	170	133,4 - N. 6 / M12	106,375	6÷70	85	M100x1,5	145	26	130	156	40	14	100	160	0,2339	7000	13	
001 008 070	MSCTN-70 / ISO-A 8"	220	171,4 - N. 6 / M16	139,719	6÷70	85	M100x1,5	145	35	124	159	40	14	100	160	0,4061	7000	22	
001 008 080	MSCTN-80 / ISO-A 8"	220	171,4 - N. 6 / M16	139,719	6÷80	95	M115x1,5	175	35	144	179	40	16	150	240	0,6345	6000	25	
001 011 080	MSCTN-80 / ISO-A 11"	280	235 - N. 6 / M20	196,869	6÷80	95	M115x1,5	175	45	137	182	40	16	150	240	1,276	6000	39	
001 011 100	MSCTN-100 / ISO-A 11"	280	235 - N. 6 / M20	196,869	6÷100	113	M130x1,5	200	50	150	200	50	18	150	240	1,351	6000	40	
001 011 120	MSCTN-120 / ISO-A 11"	280	235 - N. 6 / M20	196,869	6÷120	140	M160x1,5	230	50	160	210	50	18	200	320	1,85	5000	48	

MSCTN/AF COLLET CHUCK



CHUCK CODE	CHUCK MODEL	OVERALL DIMENSIONS													FORCE KN		MOMENT OF INERTIA PD ² KG.M ²	ROTATION SPEED RPM	WEIGHT KG
		A	B - N° OF HEX SCREWS	C	DIAMETER D MIN. ÷ MAX.	E	F	G	H	I	L	M	N	S	PULL OR THRUST	TORQUE			
001 115 032	MSCTN-32 / AF-115	125	82,6 - N. 3 / M10	115	3÷32	39	M48x1,5	85	26	88	114	40	14	5	35	56	0,0357	8000	5
001 115 042	MSCTN-42 / AF-115	125	82,6 - N. 3 / M10	115	4÷42	50	M52x1,5	98	26	97	123	40	14	5	45	72	0,045	8000	6
001 140 042	MSCTN-42 / AF-140	150	104,8 - N. 4 / M10	140	4÷42	50	M58x1,5	98	26	97	123	40	14	5	60	96	0,0525	8000	7,5
001 140 052	MSCTN-52 / AF-140	150	104,8 - N. 4 / M10	140	4÷52	55	M68x1,5	108	26	97	123	40	14	5	60	96	0,0677	8000	7,5
001 170 052	MSCTN-52 / AF-170	180	133,4 - N. 6 / M12	170	4÷52	55	M68x1,5	108	26	97	123	40	14	5	60	96	0,1085	8000	9,5
001 170 060	MSCTN-60 / AF-170	180	133,4 - N. 6 / M12	170	4÷60	74	M82x1,5	130	26	114	140	40	14	5	100	160	0,1591	7000	13
001 220 060	MSCTN-60 / AF-220	230	171,4 - N. 6 / M16	220	4÷60	74	M82x1,5	130	30	110	140	40	14	5	100	160	0,3061	7000	16
001 170 070	MSCTN-70 / AF-170	180	133,4 - N. 6 / M12	170	6÷70	85	M100x1,5	145	26	119	145	50	14	5	100	160	0,2415	7000	13,5
001 220 070	MSCTN-70 / AF-220	230	171,4 - N. 6 / M16	220	6÷70	85	M100x1,5	145	30	115	145	50	14	5	100	160	0,3762	7000	18,5
001 220 080	MSCTN-80 / AF-220	230	171,4 - N. 6 / M16	220	6÷80	95	M115x1,5	175	37	125	162	50	16	5	150	240	0,6006	6000	25
001 280 080	MSCTN-80 / AF-280	290	235 - N. 6 / M20	280	6÷80	95	M115x1,5	175	41	123	164	50	16	6	150	240	1,239	6000	37
001 280 100	MSCTN-100 / AF-280	290	235 - N. 6 / M20	280	6÷100	113	M130x1,5	200	41	141	182	50	18	6	150	240	1,455	6000	40
001 280 120	MSCTN-120 / AF-280	290	235 - N. 6 / M20	280	6÷120	140	M160x1,5	230	45	147	192	50	18	6	200	320	1,79	5000	46
001 380 150	MSCTN-150 / AF-380	390	330,2 - N. 6 / M24	380	8÷150	174	M198x1,5	282	60	167	227	50	20	6	200	320	6,57	5000	105