

/ MSCPE/AF Collet Holders with PET COLLETS



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The chuck for the main head (Main spindle) or counter-head (Sub spindle) for lathes equipped with a posterior cylinder.

Opening and closing of the expandable collets on the Mscpe chuck takes place through hydraulic or pneumatic cylinders applied later on the late shaft.

PE-PET expandable collets, with cusps, etc., may be mounted by simply replacing the appropriate adapters.

These are especially indicated for operations of holding parts on internal holes of pipes, electric motors, cylinders, etc...

The Mscpe chucks are made from a block of steel, galvanized and tempered at 60HRC and are totally adapted to ensure the maximum duration, precision, and balance. The Mscpe chucks are made with ISO-A (DIN 55026) and flange (AF) adapters.

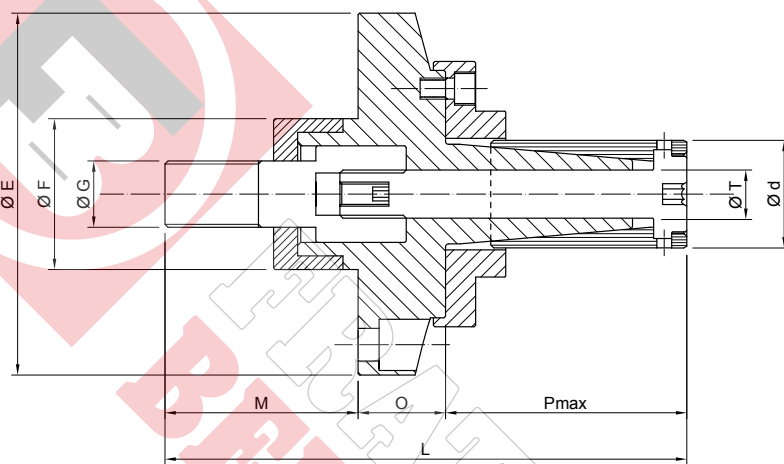
ARTICLE	ADAPTER TYPE	DIMENSIONS							KG
		A	B-N°VITI TCE	C	E	F	N	H	
07 115 125 0070	MSCPE 125 / AF-115	125	82,6 - N. 6 / M10	115	60	50	40	70	4
07 140 150 0070	MSCPE 150 / AF-140	150	104,8 - N. 6 / M10	140	79	50	40	70	6
07 170 180 0070	MSCPE 180 / AF-170	180	133,4 - N.6 / M12	170	102	50	40	70	9
07 220 230 0370	MSCPE 230 / AF-220	230	171,4 - N.6 / M16	220	135	50	40	70	16

/ PET COLLET HOLDERS ADAPTER

The adapter, entirely made from a block of galvanized, tempered and adjusted steel, is mounted on MSCPE chuck (or another prepared chuck).

Every collet class (PE A type; B type; C type, etc...) needs a specific adapter.

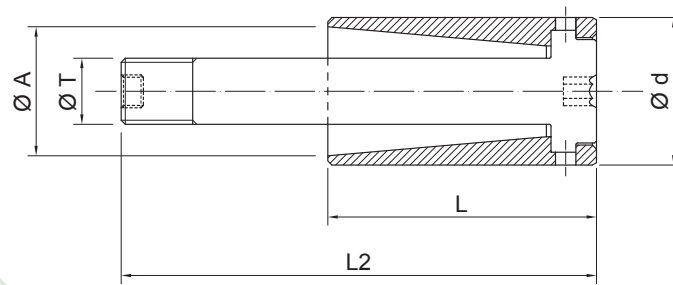
it has the task of bringing expandable collet with its tapered rod and piece stop flange, preventing collet from expanding too much thanks to a stroke limiter.



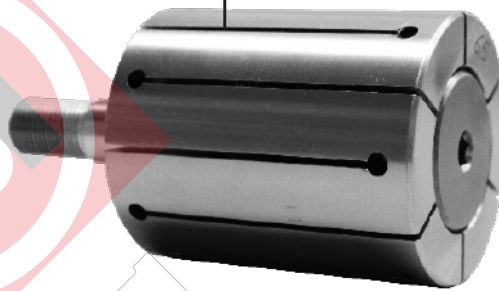
/ Pet collet holders adapter

ARTICLE	ADAPTER TYPE	Collet Type PE	DIMENSIONS									MAX. DIAM. EXPANSION	MAX. (KG) TRACTION FORCE
			Diameter Range Ø d min. ÷ max.	E	F	G	L	M	O	P MAX	T		
380 020 000	MSCPET-A	A	15÷20	105	50	M22x1,5	143	67	26	50	7	0,5	550
380 025 000	MSCPET-B	B	20÷25	105	50	M22x1,5	148	67	26	55	10	0,5	1600
380 030 000	MSCPET-C	C	25÷30	105	50	M22x1,5	153	64	29	60	12	1	2300
380 035 000	MSCPET-D	D	30÷35	105	50	M22x1,5	158	64	29	65	14	1	3200
380 050 000	MSCPET-E	E	35÷50	120	50	M22x1,5	173	64	29	80	16	1	4500
380 065 000	MSCPET-F	F	50÷65	140	50	M22x1,5	193	63	35	95	18	2	4500
380 080 000	MSCPET-G	G	65÷80	147	50	M22x1,5	203	63	25	115	22	2	4500
380 100 000	MSCPET-H	H	80÷100	157	50	M22x1,5	220	63	22	135	25	2	4500
380 125 000	MSCPET-I	I	100÷125	187	50	M22x1,5	238	63	25	150	30	2	4500
380 150 000	MSCPET-L	L	125÷150	207	50	M22x1,5	253	63	25	165	30	2	5000
380 175 000	MSCPET-M	M	150÷175	247	50	M22x1,5	278	63	25	190	30	2	5000
380 200 000	MSCPET-N	N	175÷200	277	50	M22x1,5	303	63	25	215	30	2	5000

/ EXPANDABLE PET COLLECT



PET COLL EXP



It's a dynamic collet where the expansion is due to the recession of the collet on the adapter's conical hub, accordingly it's capable to immobilize the mounted piece.

ARTICLE	ADAPTER TYPE	COLLET TYPE	DIMENSIONS					MAX. DIAM. EXPANSION
			Diameter Range Ø d min. ÷ max.	Ø A	Ø T	L	L2	
65 020 00	MSCPET-A	A	15÷20	13,5	M6x1	35	83	0,5
65 025 00	MSCPET-B	B	20÷25	18,5	M10x1,5	40	98	0,5
65 030 00	MSCPET-C	C	25÷30	23	M12x1,5	45	103	1
65 035 00	MSCPET-D	D	30÷35	27	M14x1,5	50	108	1
65 050 00	MSCPET-E	E	35÷50	31	M16x1,5	65	115	1
65 065 00	MSCPET-F	F	50÷65	45	M16x1,5	80	130	2
65 080 00	MSCPET-G	G	65÷80	60	M16x1,5	100	140	2
65 100 00	MSCPET-H	H	80÷100	73	M16x1,5	120	157	2
65 125 00	MSCPET-I	I	100÷125	90	M20x1,5	135	169	2
65 150 00	MSCPET-L	L	125÷150	114	M20x1,5	150	184	2
65 175 00	MSCPET-M	M	150÷175	137	M20x2	175	214	2
65 200 00	MSCPET-N	N	175÷200	160	M20x2	200	--	2