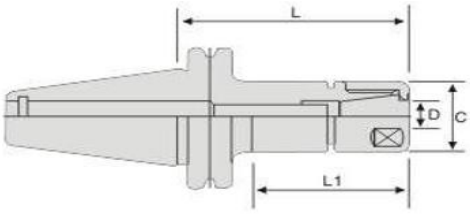
MEGACUT

TOOLS HOLDER

SK Type

Tools Holder BT-SK High Speed : 40.000 min-1



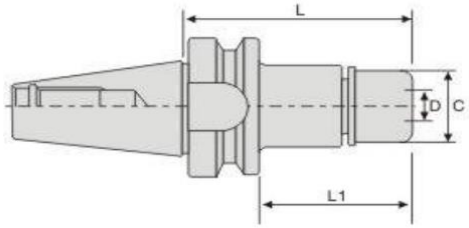
	Designation	ØD	L	L1	Collet	Max.min-1
BT30	BT30-SK6-60	2.0-6.0	60	38	SK6	40,000
	BT30-SK6-90		90	68		
	BT30-SK10-60	2.0-10	60	38	SK10	30,000
	BT30-SK10-90		90	68		
	BT30-SK16-60	3.0-16	60	38	SK16	
	BT30-SK16-90		90	68		
	BT30-SK20-60	3.0-20	60	38	SK20	
	BT30-SK20-90		90	68		
BT40	BT40-SK6-60	2.0-6.0	60	33	SK6	30,000
	BT40-SK6-90		90	63		
	BT40-SK6-120		120	93		
	BT40-SK10-60	2.0-10	60	38	SK10	30,000
	BT40-SK10-90		90	63		
	BT40-SK10-120		120	93		
	BT40-SK13-90	2.0-13.0	90	63	SK13	
	BT40-SK16-60	3.0-16	60	38	SK16	25,000
	BT40-SK16-90		90	63		
	BT40-SK16-120		120	93		
	BT40-SK20-90	3.0-20	90	63	SK20	25,000

SPANNER	
TYPE	SK06-SP-D19.5
	SK10-SP-D27
	SK13-SP-D35
	SK16-SP-D40
	SK20-SP-D48

HIGH SPPED NUT	
TYPE	SK06-NUT-D19.5
	SK10-NUT-D27
	SK13-NUT-D35
	SK16-NT-D40
	SK20-NUT-D48

TOOLS HOLDER

Tools Holder BT High Speed : 30.000 min-1



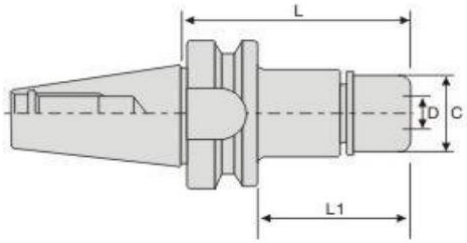
	Designation	ØD	L	L1	Collet	Max.min-1
BT30	BT30-GER16-70	2.0-10.0	70	48	ER16	30,000
	BT30-GER16-100		100	78		
	BT30-GER20-70	2.0-13.0	70	48	ER20	
	BT30-GER20-100		100	78		
	BT30-GER25-70	2.0-16.0	70	48	ER25	
	BT30-GER25-100		100	78		
	BT30-GER32-70	2.0-20.0	70	48	ER32	
	BT30-GER32-100		100	78		
BT40	BT40-GER16-70	2.0-10.0	70	48	ER16	25,000
	BT40-GER16-100		100	78		
	BT40-GER20-70	2.0-13.0	70	48	ER20	
	BT40-GER20-100		100	78		
	BT40-GER25-70	2.0-16.0	70	48	ER25	
	BT40-GER25-100		100	78		
	BT40-GER25-150		150	123		
	BT40-GER32-70	2.0-20.0	70	48	ER32	
	BT40-GER32-100		100	78		
	BT40-GER32-150		150	123		

SPANNER	
TYPE	GER16-SP-D27
	GER20-SP-D35
	GER25-SP-D40
	GER32-SP-D48

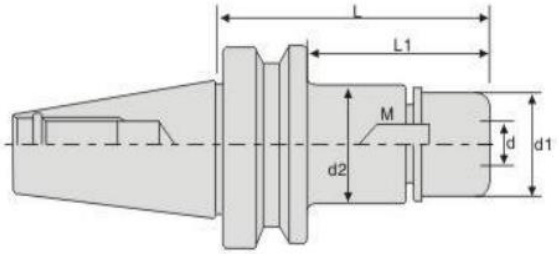
HIGH SPPED NUT	
TYPE	GER16-NUT-D27
	GER20-NUT-D35
	GER25-NUT-D40
	GER32-NUT-D48

NBT Type

Tools Holder NBT High Speed : 30.000 min-1

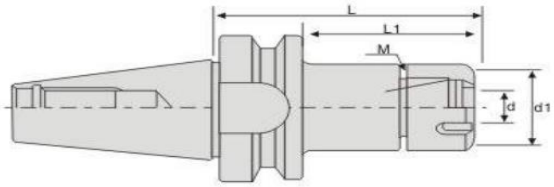


	Designation	ØD	L	L1	Collet	Max.min-1
NBT30	NBT30-GER16-70	2.0-10.0	70	48	ER16	30,000
	NBT30-GER20-70	2.0-13.0	70	48	ER20	
	NBT30-GER25-70	2.0-16.0	70	48	ER25	



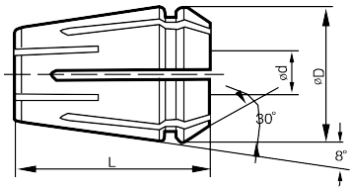
	Designation	ØD	L	L1	Collet	Max.min-1
NBT30	NBT30-GSK10-60	2.0-10.0	60	38	SK10	30,000
	NBT30-GSK10-90	2.0-13.0	90	68	SK10	
	NBT30-GSK16-60	2.0-16.0	60	38	SK16	
	NBT30-GSK16-190	2.0-16.0	90	68	SK16	

Tools Holder BT High Speed : 25.000 min-1



	Designation	ØD	L	L1	Collet	Max.min-1
BT30	BT30-ER11-100	2.0-7.0	100	78	ER11	25,000
	BT30-ER16-70	2.0-10.0	70	48	ER16	
	BT30-ER16-100		100	78		
	BT30-ER20-70	2.0-13.0	70	48	ER20	
	BT30-ER20-100		100	78		
	BT30-ER25-70	2.0-16.0	70	48	ER25	
	BT30-ER25-100		100	78		
	BT30-ER32-70	2.0-20.0	70	48	ER32	
	BT30-ER32-100		100	78		
BT40	BT40-ER16-70	2.0-10.0	70	43	ER16	25,000
	BT40-ER16-100		100	73		
	BT40-ER16-150		150	123		
	BT40-ER20-70	2.0-13.0	70	43	ER20	
	BT40-ER20-100		100	73		
	BT40-ER20-150		150	123		
	BT40-ER25-70	2.0-16.0	70	43	ER25	
	BT40-ER25-100		100	73		
	BT40-ER25-150		150	123		
	BT40-ER32-70	2.0-20.0	70	43	ER32	
	BT40-ER32-100		100	73		
	BT40-ER32-150		150	123		
	BT40-ER40-70	3.0-26.0	70	43	ER40	
	BT40-ER40-100		100	73		
	BT40-ER40-150		150	123		
BT50	BT50-ER16-100	2.0-10.0	100	62	ER16	25,000
	BT50-ER16-150		150	112		
	BT50-ER16-200		200	162		
	BT50-ER20-100	2.0-13.0	100	62	ER20	
	BT50-ER20-150		150	112		
	BT50-ER20-200		200	162		
	BT50-ER25-100	2.0-16.0	100	62	ER25	
	BT50-ER25-150		150	112		
	BT50-ER25-200		200	162		
	BT50-ER32-100	2.0-20.0	100	62	ER32	
	BT50-ER32-150		150	112		
	BT50-ER32-200		200	162		
	BT50-ER40-100	3.0-26.0	100	62	ER40	
	BT50-ER40-150		150	112		
	BT50-ER40-200		200	162		

Collet ER Type



Size	Type	ØD	L	ØD	Ød	(MM)	Tolerance
ER11-Ød-AA	11	11.5	18.0	7.0	2.0	0.5	8 μm
ER16-Ød-AA	16	17.0	27.5	10.0	2.0	0.5	8 μm
ER20-Ød-AA	20	21.0	31.5	13.0	2.0	1.0	8 μm
ER25-Ød-AA	25	26.0	34.0	16.0	2.0	1.0	8 μm
ER32-Ød-AA	32	33.0	40.0	20.0	2.0	1.0	8 μm
ER40-Ød-AA	40	41.0	46.0	26.0	3.0	1.0	8 μm

Size	Type
ER11	ER11-2.0-AA
	ER11-2.5-AA
	ER11-3.0-AA
	ER11-3.5-AA
	ER11-4.0-AA
	ER11-4.5-AA
	ER11-5.0-AA
	ER11-5.5-AA
	ER11-6.0-AA
	ER11-6.5-AA
	ER11-7.0-AA

Size	Type
ER16	ER16-2.0-AA
	ER16-2.5-AA
	ER16-3.0-AA
	ER16-3.5-AA
	ER16-4.0-AA
	ER16-4.5-AA
	ER16-5.0-AA
	ER16-5.5-AA
	ER16-6.0-AA
	ER16-6.5-AA
	ER16-7.0-AA
	ER16-7.5-AA
	ER16-8.0-AA
	ER16-8.5-AA
	ER16-9.0-AA
	ER16-9.5-AA
	ER16-10.0-AA

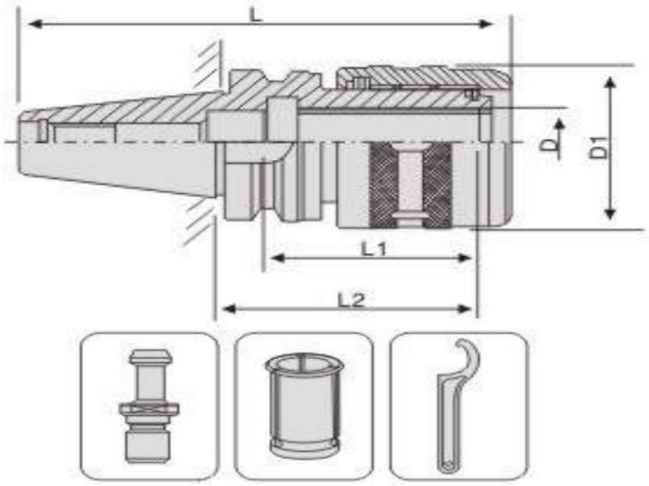
Size	Type
ER20	ER20-2.0-AA
	ER20-2.5-AA
	ER20-3.0-AA
	ER20-4.0-AA
	ER20-5.0-AA
	ER20-6.0-AA
	ER20-7.0-AA
	ER20-8.0-AA
	ER20-9.0-AA
	ER20-10.0-AA
	ER20-11.0-AA
	ER20-12.0-AA
	ER20-13.0-AA

Size	Type
ER25	ER25-2.0-AA
	ER25-2.5-AA
	ER25-3.0-AA
	ER25-4.0-AA
	ER25-5.0-AA
	ER25-6.0-AA
	ER25-7.0-AA
	ER25-8.0-AA
	ER25-9.0-AA
	ER25-10.0-AA
	ER25-11.0-AA
	ER25-12.0-AA
	ER25-13.0-AA
	ER25-14.0-AA
	ER25-15.0-AA
	ER25-15.0-AA

Size	Type
ER32	ER32-2.0-AA
	ER32-3.0-AA
	ER32-4.0-AA
	ER32-5.0-AA
	ER32-6.0-AA
	ER32-7.0-AA
	ER32-8.0-AA
	ER32-9.0-AA
	ER32-10.0-AA
	ER32-11.0-AA
	ER32-12.0-AA
	ER32-13.0-AA
	ER32-14.0-AA
	ER32-15.0-AA
	ER32-16.0-AA
	ER32-17.0-AA
	ER32-18.0-AA
	ER32-19.0-AA
	ER32-20.0-AA

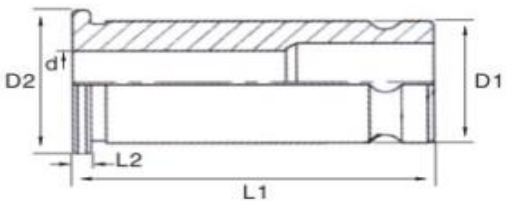
Size	Type
ER40	ER40-3.0-AA
	ER40-4.0-AA
	ER40-5.0-AA
	ER40-6.0-AA
	ER40-7.0-AA
	ER40-8.0-AA
	ER40-9.0-AA
	ER40-10.0-AA
	ER40-11.0-AA
	ER40-12.0-AA
	ER40-13.0-AA
	ER40-14.0-AA
	ER40-15.0-AA
	ER40-16.0-AA
	ER40-17.0-AA
	ER40-18.0-AA
	ER40-19.0-AA
	ER40-20.0-AA
	ER40-21.0-AA
	ER40-22.0-AA
	ER40-23.0-AA
	ER40-24.0-AA
	ER40-25.0-AA
	ER40-26.0-AA

Tools Holder BT-C



Designation		ØD	L2	L1	Collet	Max.min-1
BT30	BT30-C20-80	D20	80	70	C20	12,000
	BT30-C25-80	D25	80	73	C25	
BT40	BT40-C20-105	D20	105	70	C20	
	BT40-C25-105	D25	105	73	C25	
	BT40-C32-105	D32	105	76	C32	
	BT40-C32-135		135			
	BT40-C32-165		165			
BT50	BT50-C20-105	D20	105	70	C20	
	BT50-C25-105	D25	105	73	C25	
	BT50-C32-105	D32	105	76	C32	
	BT50-C32-135		135			
	BT50-C32-165		165			
	BT50-C42-115	D42	115	98	C42	
	BT50-C42-135		135			
	BT50-C42-165		165			

Collet C



D1	D2	d	L1	L2
16	20	3,4,5,6,8,10,12	47	2
20	23.5	3,4,5,6,8,10,12,14,16	50	2.5
22	26	3,4,5,6,8,10,12,14,16	55	3.5
25	30	3,4,5,6,8,10,12,14,16,18,20	60	2.5
32	36	3,4,5,6,8,10,12,14,15,16,18,20,22,24,25	65	4
42	48	3,4,5,6,8,10,12,14,16,18,20,22,24,25,28,30,32	78	4

BT-FMB Type

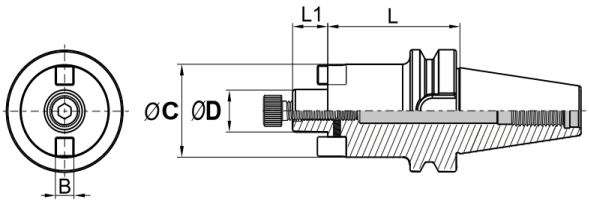


Fig.1

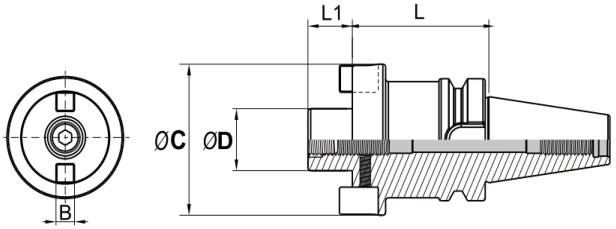


Fig.2

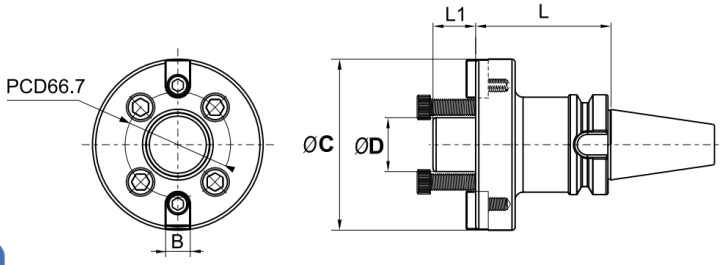


Fig.3

TYPE		ØD	ØC	B	L1	L	Fig	kg	Stock	
BT30-	FMB16-30	16	38	8	17	30	1	0.48	•	
	FMB22-45	22	48	10	19	45	1	0.08	•	
	FMB27-45	27	60	12	21	45	1	0.94	•	
BT40-	FMB16-35	16	38	8	17	35	1	1.11	•	
	FMB22-40	22	48	10	19	40	1	1.20	•	
	FMB22-100	22	48	10	19	100	1	2.02	•	
	FMB27-40	27	60	12	21	40	1	1.34	•	
	FMB27-100	27	60	12	21	100	1	2.60	•	
	FMB32-50	32	78	14	24	50	2	1.95	•	
	FMB40-60(D125)	40	89	16	27	60	2	2.40	•	
	FMB16-55	16	38	8	17	55	1	3.65	•	
	FMB22-55	22	48	10	19	55	1	3.83	•	
	FMB22-150	22	48	10	19	150	1	5.2	•	
	FMB27-55	27	60	12	21	55	1	4.10	•	
	FMB27-100	27	60	12	21	100	1	5.15	•	
	FMB27-150	27	60	12	21	150	1	6.10	•	
	FMB27-160	27	60	12	21	160	1	6.20	•	
	FMB32-55	32	78	14	24	55	2	4.36	•	
	FMB32-75	32	78	14	24	75	2	5.50	•	
BT50-	FMB32-100	32	78	14	24	100	2	5.96	•	
	FMB40-55(D125)	40	89	16	27	55	2	4.71	•	
	FMB40-55(D160)	40	108	16	27	55	3	4.75	•	
	FMB40-60(D125)	40	89	16	27	60	2	4.73	•	
	FMB40-60(D160)	40	108	16	27	60	3	4.77	•	
	FMB22-160R(D50)	22	46	49	19	160	1	5.0	•	
	FMB22-200R(D50)	22	46	49	19	200	1	5.4	•	
	FMB22-250R(D50)	22	46	49	19	250	1	6.9	•	
	FMB22-160R(D63)	22	59	62	19	160	1	6.1	•	
	FMB22-200R(D63)	22	59	62	19	200	1	6.9	•	
	FMB22-250R(D63)	22	59	62	19	250	1	7.9	•	
	FMB22-300R(D63)	22	59	62	19	300	1	8.8	•	
	FMB27-200R(D80)	27	62	78	21	200	1	8.2	•	
	FMB27-250R(D80)	27	62	78	21	250	1	9.6	•	
	FMB27-300R(D80)	27	62	78	21	300	1	11	•	

BT-FMA Type

Fig.1

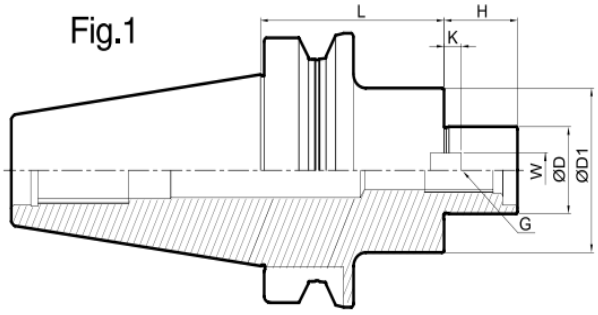


Fig.2

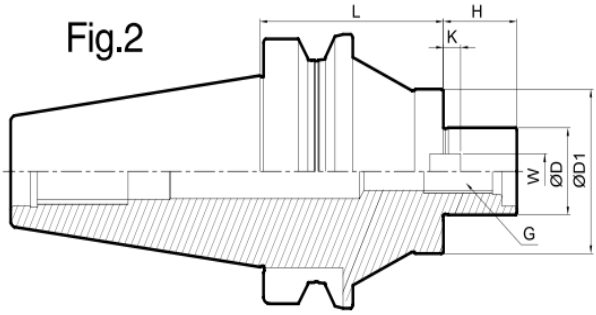
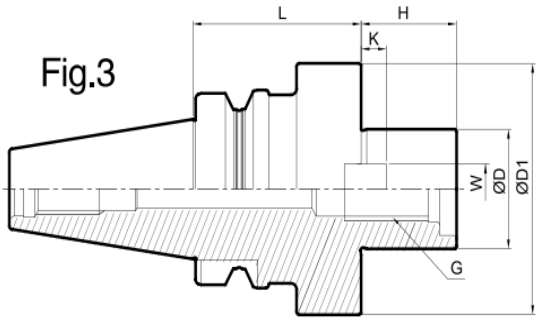


Fig.3



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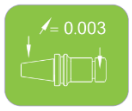


C 内冷系统

Type		ØD	ØD1	L	H	W	K	G	Face	Fig.	kg	Stock
BT30-	FMA25.4-45	25.4	50	45	22	9.5	5	M12	80	3	1.2	•
BT40-	FMA25.4-45	25.4	50	45	22	9.5	5	M12	80	1	1.4	•
	FMA25.4-90	25.4	50	90	22	9.5	5	M12	80	1	3.1	•
	FMA31.75-45	31.75	60	45	30	12.7	7	M16	100	1	1.6	•
BT50-	FMA25.4-90	25.4	50	90	22	9.5	5	M12	80	1	4.5	•
	FMA25.4-150	25.4	50	150	22	9.5	5	M12	80	2	5.5	•
	FMA31.75-105	31.75	60	105	30	12.7	7	M16	100	2	6	•
	FMA38.1-75	38.1	80	75	34	15.87	9	M20	125	1	5.5	•

BT-SLA Type

Fig.1

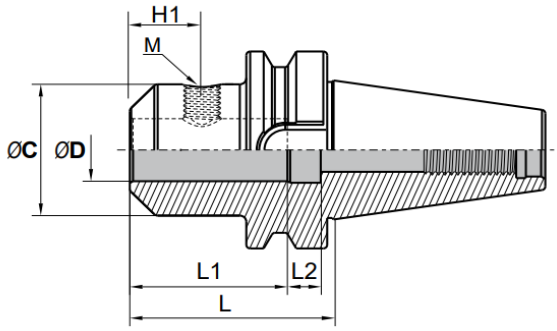
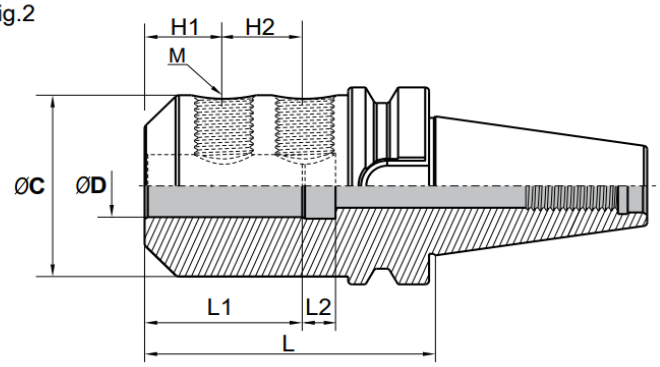


Fig.2



Type		ØD Stock	ØC	H1	H2	L1	L2	L	M	Fig.	kg	
BT30-	SLA20-90	20	52	25	-	49	10	90	M12	1	1.31	•
	SLA25-90	25	65	24	25	54	10	90	M12	2	1.77	•
BT40-	SLA16-100	16	48	24	-	47	10	100	M10	1	1.83	•
	SLA20-100	20	52	25	-	49	10	100	M12	1	2.21	•
	SLA25-90	25	65	24	25	54	10	90	M12	2	2.62	•
	SLA32-100	32	72	24	28	58	12	100	M14	2	3.80	•
	SLA40-105	40	80	30	32	68	12	105	M16	2	3.06	•
BT50-	SLA16-100	16	48	24	-	47	10	100	M10	1	3.83	•
	SLA20-100	20	52	25	-	49	10	100	M12	1	4.04	•
	SLA25-100	25	65	24	25	54	10	100	M12	2	4.80	•
	SLA32-105	32	72	24	28	58	12	105	M14	2	5.13	•
	SLA40-120	40	80	30	32	68	12	120	M16	2	6.14	•
	SLA42-120	42	84	30	32	68	12	120	M16	2	5.82	•

BT-MTA Type

Fig.1

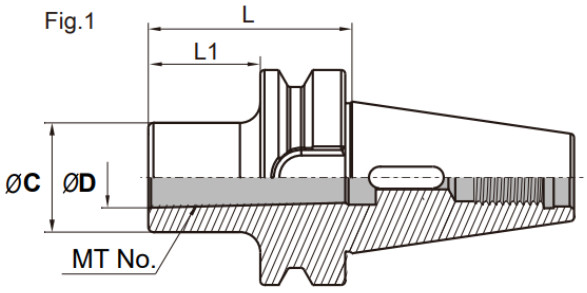
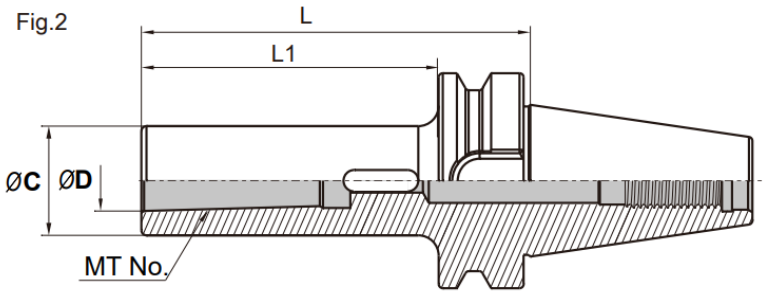


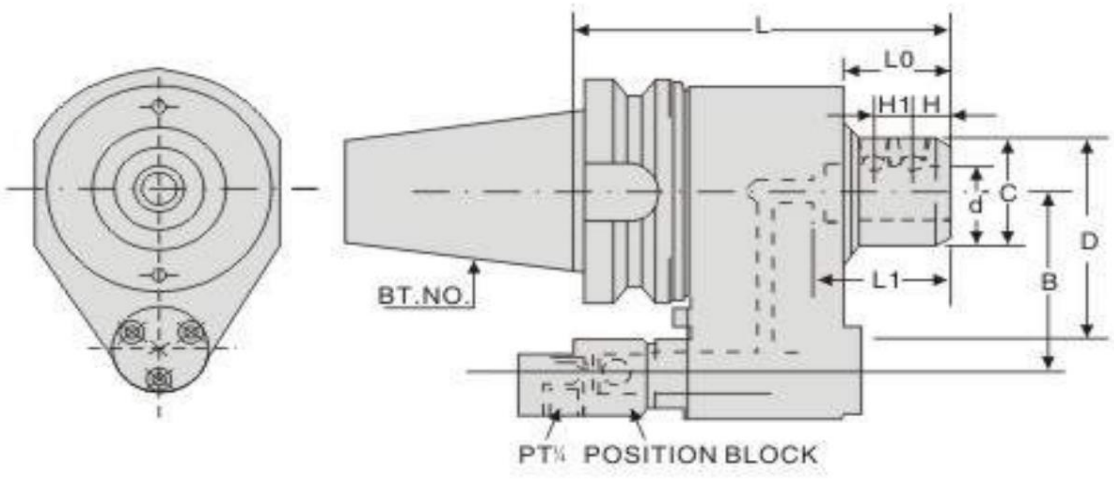
Fig.2



TOOLS HOLDER

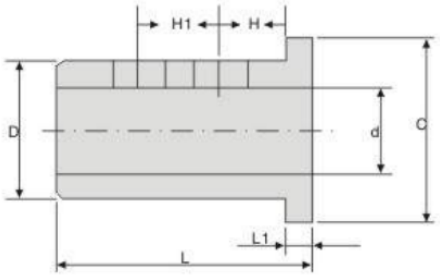
Type		MT	ØD	ØC	L	L1	Fig.	kg	Stock
BT30-	MTA1-45	1	12.065	25	45	23	1	0.43	•
	MTA2-60	2	17.78	32	60	38	1	0.50	•
	MTA3-80	3	28.825	40	80	58	1	1	•
BT40-	MTA1-50	1	12.065	25	50	23	1	1.02	•
	MTA1-120	1	12.065	25	120	93	2	1.29	•
	MTA2-50	2	17.78	32	50	23	1	1.01	•
	MTA2-120	2	17.78	32	120	93	2	1.41	•
	MTA3-70	3	23.825	40	70	43	1	1.15	•
	MTA3-135	3	23.825	40	135	108	2	1.73	•
	MTA4-95	4	31.267	50	95	68	1	1.43	•
	MTA4-165	4	31.267	50	165	138	2	2.40	•
BT50-	MTA1-45	1	12.065	25	45	7	1	3.60	•
	MTA1-120	1	12.065	25	120	82	2	3.83	•
	MTA1-180	1	12.065	25	180	142	2	4.03	•
	MTA2-60	2	17.78	32	60	22	1	3.63	•
	MTA2-135	2	17.78	32	135	97	2	4.20	•
	MTA2-180	2	17.78	32	180	142	2	4.29	•
	MTA3-65	3	23.825	40	65	27	1	4.35	•
	MTA3-150	3	23.825	40	150	112	2	4.35	•
	MTA3-180	3	23.825	40	180	142	2	4.61	•
	MTA4-95	4	31.267	50	95	57	1	3.85	•
	MTA5-110	5	43.399	70	110	72	1	4.17	•
	MTA5-200	5	43.399	70	200	162	1	6.90	•

BT-SLO (OIL) Type



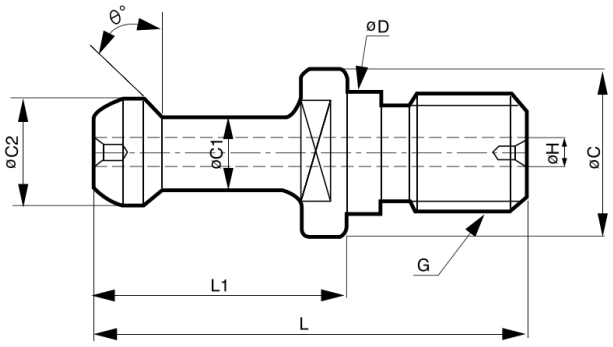
Type		d	ØD	ØC	L	L1	B	LO	Stock
BT40-	SLO32-150	32	90	52	150	60	60/65	50	•
	SLO40-150	40	90	70	150	70	60/65	50	•
BT50-	SLO32-160	32	100	54	160	60	80/82	50	•
	SLO40-160	40	100	64	160	70	80/82	50	•

CSO Collet Type



Type		d	ØD	ØC	L	L1	H1	H	Stock
CSO	CSO32-16	16	32	63	65	10	15	15	•
	CSO32-20	20	32	63	65	10	15	15	•
	CSO32-25	25	32	63	65	10	15	15	•
	CSO40-16	16	40	63	75	10	18	19	•
	CSO40-20	20	40	63	75	10	18	19	
	CSO40-25	25	40	63	75	10	18	19	
	CSO40-32	32	40	63	75	10	18	19	

Pull Stud Bolt Type



Type		ØD	ØC Stock	ØC1	ØC2	L1	L	Ø °	G	ØH	
BT30	PS30-45-1	12.5	16.5	7	11	23	43	45°	M12		•
	PS30-45-1-D2.5	12.5	16.5	7	11	23	43	45°	M12	Ø2.5	•
	PS30-30-2	12.5	16.5	7	11	23	43	30°	M12		•
BT40	PS40-45-1	17	23	10	15	35	60	45°	M16		•
	PS40-45-1-D3.0	17	23	10	15	35	60	45°	M16	Ø3	•
	PS40-30-2	17	23	10	15	35	60	30°	M16		•
	PS40-0-3F	17	23	10	15	35	60	0°	M16		•
	PS40-45-G51-D7.0	17	22	12.45	18.80	19.11	44.11	45°	M16	Ø7	•
	DIN69872-15-A40-D7.0	17	23	14	19	26	54	15°	M16	Ø7	•
	DIN69872-15-B40	17	23	14	19	26	54	15°	M16		•
	JISB6339-A40(PS-806)-D7.0	17	23	14	19	29	54	15°	M16	Ø7	•
	JISB6339-B40(PS-805)	17	23	14	19	29	54	15°	M16		•
BT50	PS50-45-1	25	38	17	23	45	85	45°	M24		•
	PS50-45-1-D7.0	25	38	17	23	45	85	45°	M24	Ø7	•
	PS50-30-2	25	38	17	23	45	85	30°	M24		•
	PS50-0-1F	25	38	17	23	45	85	0°	M24		•
	PS50-0-1FH-D8.0	25	38	17	23	45	85	0°	M24	Ø8	•
	PS50-45-G41-D10.0	25	37	20.83	28.96	25.2	65.2	45°	M24	Ø10	•
	DIN69872-A50-D11.5	25	36	21	28	34	74	15°	M24	Ø11.5	•
	PS50-45-1HS-D5.7	25	38	17	23	45	45	45°	M24	Ø5.7	•

NUT - Type

Type		ØD	L	M	Stock
ER	ER11-A	19	11.5	M14*0.75	•
	ER16-A	38	17	M22*1.5	•
	ER20-A	34	19	M25*1.5	•
	ER8-M	12	10.8	M10*0.75	•
	ER11-M	16	12	M13*0.75	•
	HER16-M	22	18	M19*1.0	•
	ER20-M	28	19	M24*1.0	•
	ER25-M	35	20	M32*1.0	•
	HER25-UM	42	20	M32*1.5	•
	HER32-UM	50	23	M40*1.5	•
	ER40-M	63	26	M50*1.5	•

Type		ØD	L	M	Stock
GER	GER16	30	24.7	M22*1.5	•
	GER20	35	25.5	M25*1.5	•
	GER25	40	25.9	M32*1.5	•
	GER32	48	26.6	M40*1.5	•