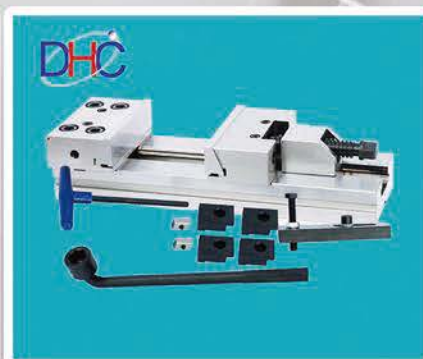


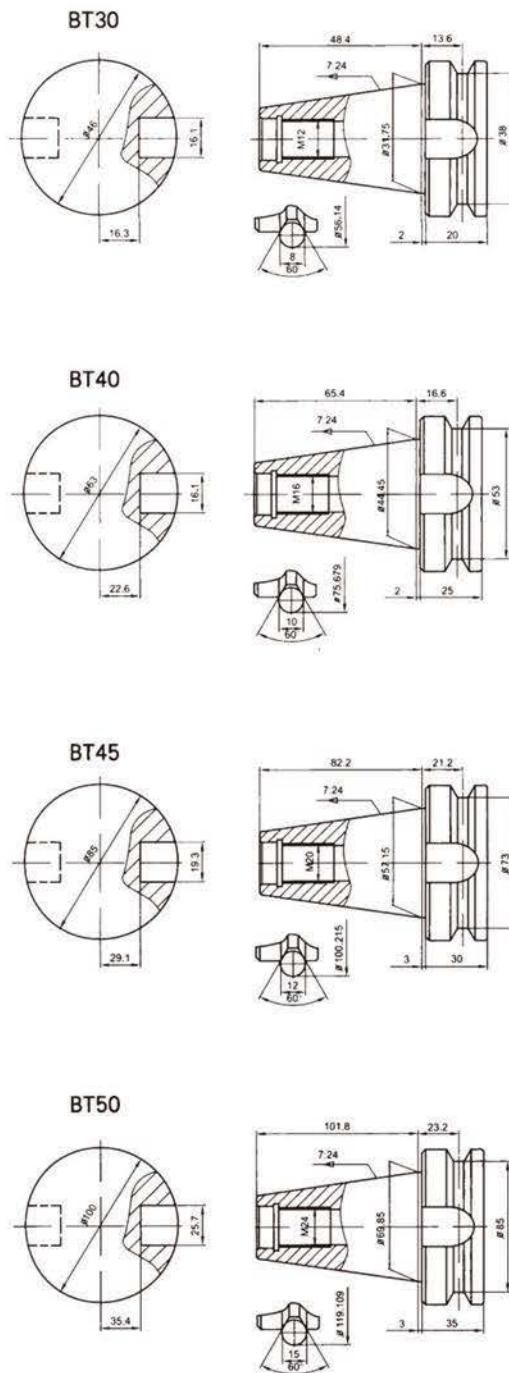


HEMANT TOOLS PRIVATE LIMITED

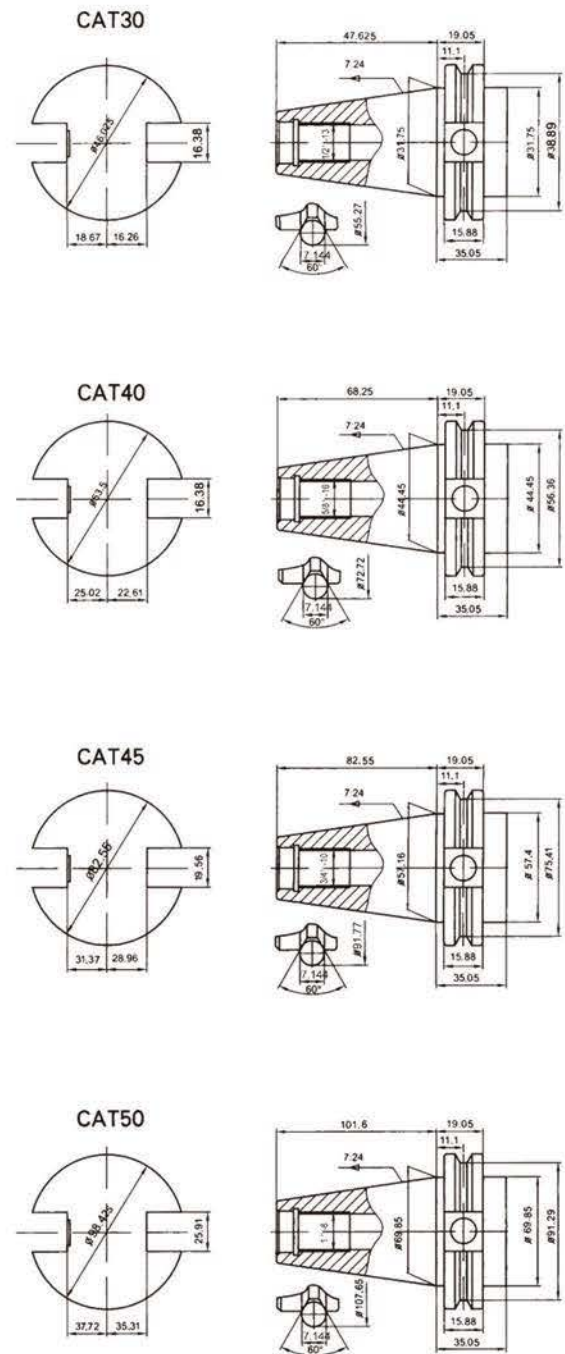
CONTENTS

DIN69873	HSK TOOL HOLDER SERIES.....	6—15
MAS403	BT TOOL HOLDER SERIES.....	16—31
DIN69871	SK TOOL HOLDER SERIES.....	32—37
DIN2080	NT TOOL HOLDER SERIES.....	38—45
International	ISO TOOL HOLDER SERIES.....	46—48
ANSI B5.50	CAT TOOL HOLDER SERIES.....	49—54
OTHER ACCESSORIES.....		55—103

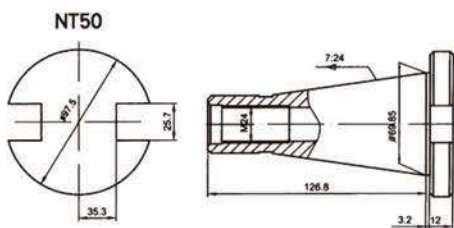
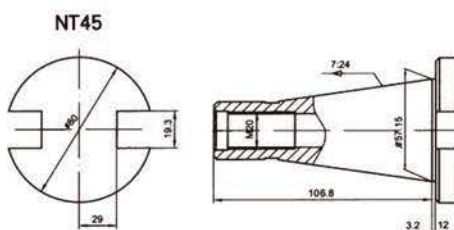
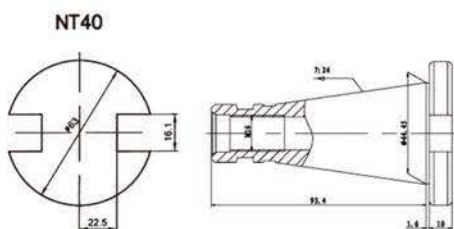
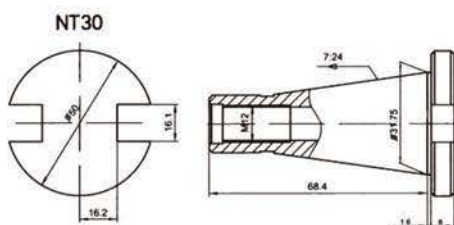
Japan MAS 403 BT



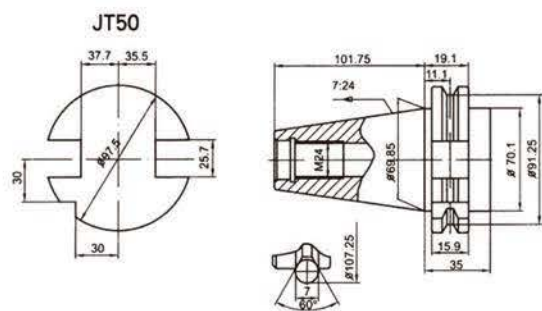
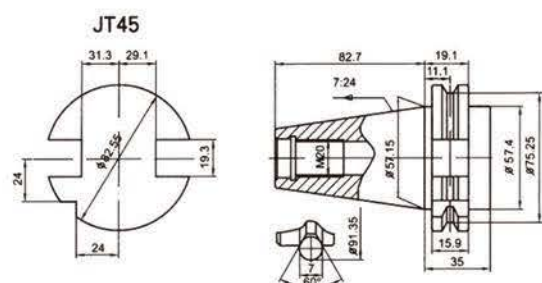
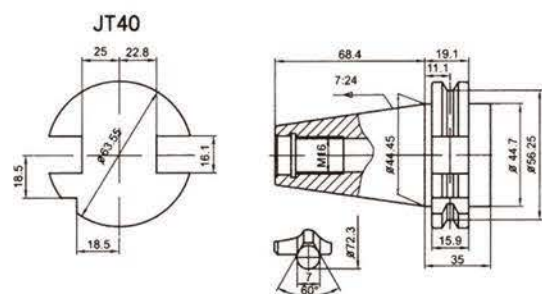
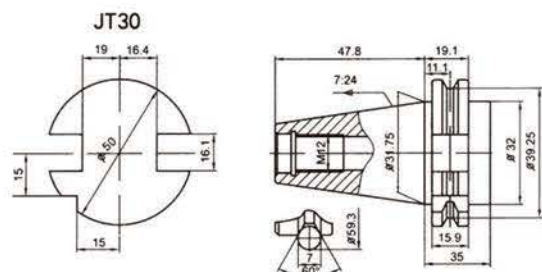
America ANSI B5.50 CAT



Germany DIN 2080-A NT

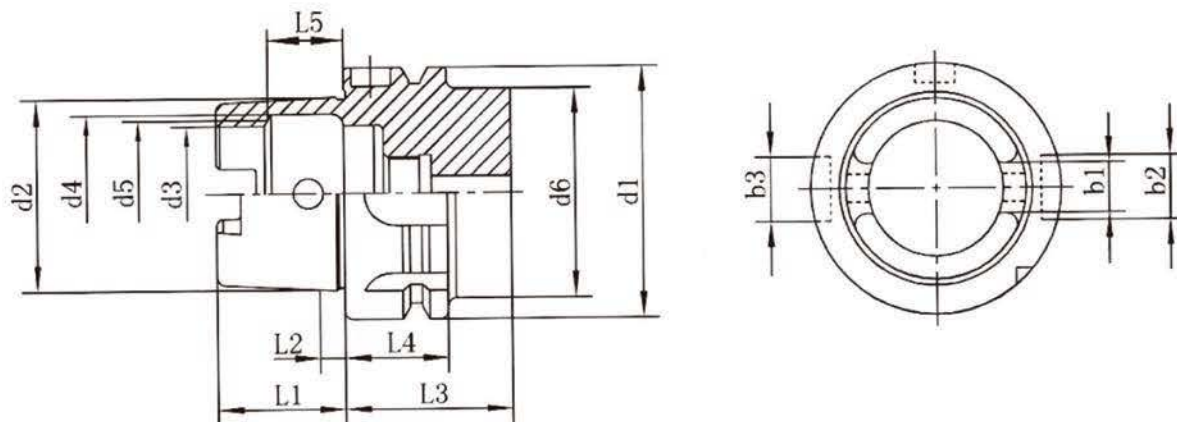


International ISO 7388/1-A JT



Taper Standard

DIN69873



Material: Alloyed case harden steel, black finished and precision grinding

Taper tolerance: <AT3

Hardness: HRC56-58

Carbon depth: 0.8mm ± 0.2mm

Max run out: <0.005mm

Surface roughness: Ra<0.005mm

Cooling AD+B type can be customized.

When order, please specify balancing G6.3 or G2.5

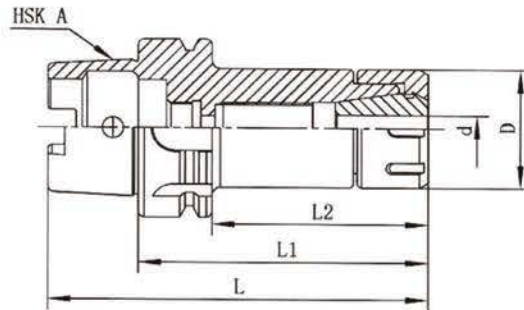
Shank body standard: DIN69873

(mm)

Model	L1 0 -0.2	L2	L3 min	L4	L5 js10	d1 h10	d2	d3 h10	d4 h11	d5	d6 max	b1 ± 0.04	b2 H10	b3 H10
HSK32A	16	3.2	35	20	8.92	32	24.007	17	20.5	19	26	7.05	7	9
HSK40A	20	4	35	20	11.42	40	30.007	21	25.5	23	34	8.05	9	11
HSK50A	25	5	42	26	14.12	50	38.009	26	32	29	42	10.54	12	14
HSK63A	32	6.3	42	26	18.13	63	48.01	34	40	37	53	12.54	16	18
HSK100A	50	10	45	29	28.56	100	75.013	53	63	58	88	20.02	20	22

DHC-002

HSK (A) MILLING CHUCK ARBORS



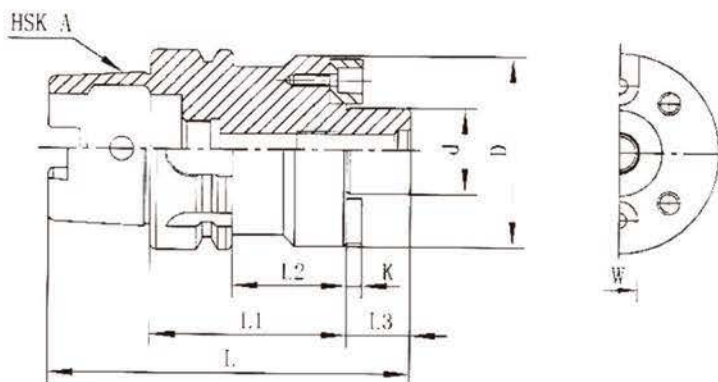
1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for high speed cutting application
3. Firstly put the collet into the nut, then the drill bit was inserted into the collet, finally lock the holder

(mm)

Model		L	L1	L2	D	d(Clamping Range)
HSK63A	ER16-75	107	75	49	28	1-10
	ER16-100	132	100	74		
	ER16-130	162	130	104		
	ER16-160	192	160	134		
	ER20-75	107	75	49	34	1-13
	ER20-100	132	100	74		
	ER20-130	162	130	104		
	ER20-160	192	160	134		
	ER25-75	107	75	49	42	3-16
	ER25-100	132	100	74		
	ER25-130	162	130	104		
	ER25-160	192	160	134		
	ER32-75	107	75	49	50	3-20
	ER32-100	132	100	74		
	ER32-130	162	130	104		
	ER32-160	192	160	134		
HSK100A	ER40-120	152	120	94	63	3-26
	ER40-160	192	160	134		
	ER16-100	150	100	71	28	1-10
	ER16-160	210	160	131		
	ER20-100	150	100	71	34	1-13
	ER20-160	210	160	131		
	ER25-100	150	100	71	42	3-16
	ER25-160	210	160	131		
	ER32-100	150	100	71	50	3-20
	ER32-160	210	160	131		
	ER40-100	150	100	71	63	3-26
	ER40-160	210	160	131		

DHC-004

HSK (A) FMB SHELL MILL ARBORS



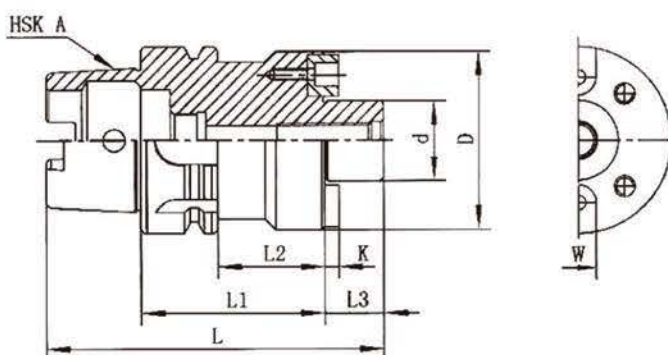
1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for high speed cutting application
3. Front end assembly cutter disc, used for all kinds of milling

(mm)

Model		L	L1	L2	L3	d	D	K	W
HSK63A	FMB16-50	99	50	24	17	16	32	3.8	8
	FMB16-100	149	100	74	17	16	32	3.8	8
	FMB22-50	100	50	24	18	22	48	4.8	10
	FMB22-100	150	100	74	18	22	48	4.8	10
	FMB27-60	112	60	44	20	27	60	5.8	12
	FMB27-100	152	100	74	20	27	60	5.8	12
	FMB32-60	114	60	44	22	32	63	6.8	14
	FMB32-100	154	100	74	22	32	63	6.8	14
	FMB40-60	117	60	44	25	40	75	8.3	16
HSK100A	FMB22-60	128	60	31	18	22	48	4.8	10
	FMB22-100	168	100	71	18	22	48	4.8	10
	FMB27-60	130	60	31	20	27	60	5.8	12
	FMB27-100	170	100	71	20	27	60	5.8	12
	FMB32-60	132	60	31	22	32	63	6.8	14
	FMB32-100	172	100	71	22	32	63	6.8	14
	FMB40-60	135	60	31	25	40	85	8.3	16

DHC-006

HSK (A) FMA SHELL MILL ARBORS



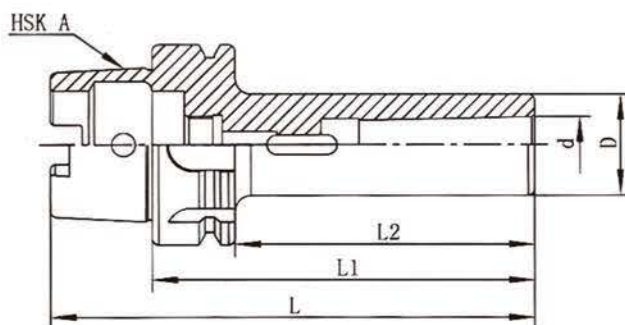
1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for high speed cutting application
3. Front end assembly cutter disc, used for all kinds of milling

(mm)

Model		L	L1	L2	L3	d	D	K	W
HSK63A	FMA25.4-50	102	50	24	20	25.4	50	4.52	9.52
	FMA25.4-100	152	100	74	20	25.4	50	4.52	9.52
	FMA31.75-60	114	60	34	22	31.75	60	6.7	12.7
	FMA31.75-100	154	100	74	22	31.75	60	6.7	12.7
	FMA38.1-60	117	60	34	25	38.1	75	8.87	15.87
HSK100A	FMA25.4-60	130	60	31	20	25.4	50	4.52	9.52
	FMA25.4-100	170	100	71	20	25.4	50	4.52	9.52
	FMA31.75-60	132	60	31	22	31.75	60	5.8	12.7
	FMA31.75-100	172	100	71	22	31.75	60	5.8	12.7
	FMA38.1-60	135	60	31	25	38.1	80	8.3	15.87

DHC-008

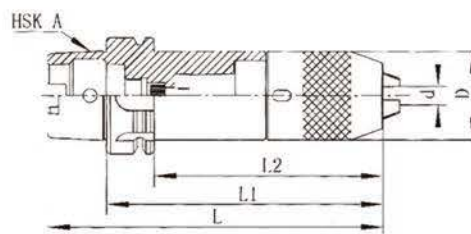
HSK MORSE TAPER WITH TANG



1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for high speed cutting application
3. The inside cone is can be installed clamping tool for processing part
4. Reduce the tool and tool wear

(mm)

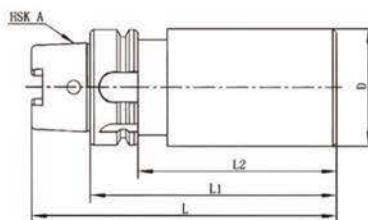
Model		L	L1	L2	D	d
HSK63A	MTA1-100	132	100	74	25	12.065
	MTA2-120	152	120	94	32	17.78
	MTA3-140	172	140	114	40	23.825
	MTA4-160	192	160	134	50	31.267
HSK100A	MTA1-110	160	110	81	25	12.065
	MTA2-120	170	120	91	32	17.78
	MTA3-150	200	150	121	40	23.825
	MTA4-170	220	170	141	50	31.267

DHC-010
HSK SELF-FASTEN DRILL CHUCK


1. The holder is made of high strength material with high wear resistance after special treatment
2. Integrated drill chuck for high speed cutting application

(mm)

Model		L	L1	D	d(Clamping Range)
HSK63A	APU08-120	152	120	38	1-8
	APU13-155	187	155	50	1-13
	APU16-160	192	160	58	3-16
HSK100A	APU13-160	210	160	50	1-13
	APU16-165	215	165	58	3-16

DHC-012
HSK BLANK TOOL HOLDER


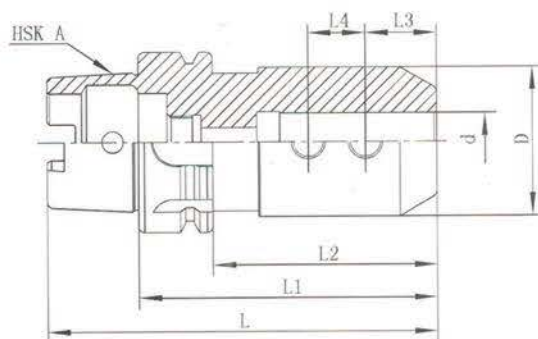
1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for high speed cutting application
3. For special manufacture
4. Taper shank flange groove hardening and precision grinding, cylindrical part does not harden.

(mm)

Model	L	L1	L2	D
HSK63A	282	250	224	64
HSK100A	300	250	221	83

DHC-014

HSK END MILL ADAPTER



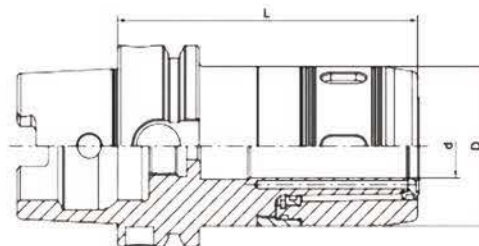
1. The clamping hole tolerance H5
2. With less than 20 mm a locking screw, with a diameter of 25 mm above two locking screw

(mm)

Model		L	L1	L2	L3	L4	D	d
HSK63A	SLN06-65	97	65	39	18	-	25	6
	SLN08-65	97	65	39	18	-	28	8
	SLN10-65	97	65	39	20	-	35	10
	SLN12-80	112	80	54	22.5	-	42	12
	SLN16-80	112	80	54	24	-	48	16
	SLN20-80	112	80	54	25	-	52	20
	SLN25-110	142	110	84	24	25	57	25
	SLN32-110	142	110	84	24	28	63	32
HSK100A	SLN06-80	130	80	51	18	-	25	6
	SLN08-80	130	80	51	18	-	28	8
	SLN10-80	130	80	51	20	-	35	10
	SLN12-80	130	80	51	22.5	-	42	12
	SLN16-100	150	100	71	24	-	48	16
	SLN20-100	150	100	71	25	-	52	20
	SLN25-120	170	120	91	24	25	57	25
	SLN32-120	170	120	91	24	28	63	32
	SLN40-120	170	120	91	30	32	72	40

DHC-016

HSK POWER MILLING CHUCK



1. Handle clamping hole 6 to prevent sliding groove design increases the blessing
2. The design of needle roller bearings, the blessing, for heavy cutting

(mm)

Model	d	D	L	Capity
HSK50A-SC20-100	20	55	100	3-16; 20
HSK50A-SC25-100	25	59	100	3-20; 25
HSK50A-SC32-110	32	68	110	3-25; 32
HSK63A-SC16-100	16	45	100	3-12; 16
HSK63A-SC20-100	20	55	100	3-16; 20
HSK63A-SC25-100	25	59	100	3-20; 25
HSK63A-SC32-120	32	68	120	3-25; 32
HSK63A-SC32-150	32	68	150	3-25; 32
HSK63A-SC32-200	32	68	200	3-25; 32
HSK100A-SC20-105	20	55	105	3-16; 20
HSK100A-SC25-105	25	59	105	3-20; 25
HSK100A-SC32-120	32	73	120	3-25; 32
HSK100A-SC42-120	42	88	120	3-32; 42
HSK100A-SC20-150	20	55	150	3-16; 20
HSK100A-SC25-150	25	59	150	3-20; 25
HSK100A-SC32-150	32	73	150	3-25; 32
HSK100A-SC42-150	42	88	150	3-32; 42
HSK100A-SC20-200	20	55	200	3-16; 20
HSK100A-SC25-200	25	59	200	3-20; 25
HSK100A-SC32-200	32	73	200	3-25; 32
HSK100A-SC42-200	42	88	200	3-32; 42

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

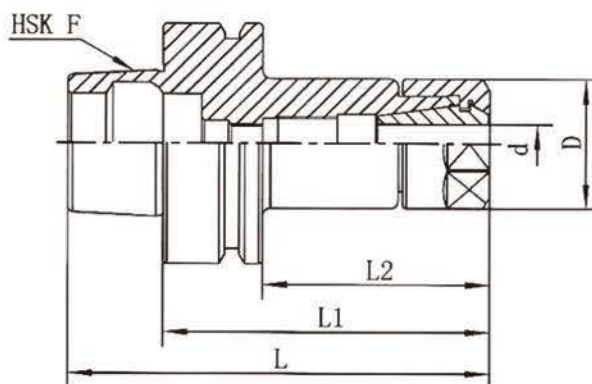
ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-018

HSK (F) MILLING CHUCK ARBORS



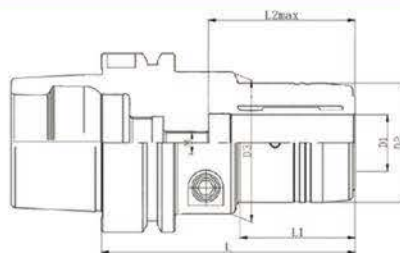
1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for high speed cutting application
3. Firstly put the collet into the nut, then the drill bit was inserted into the collet, finally lock the holder

(mm)

Model		L	L1	L2	D	d(Clamping Range)
HSK63F	ER16-75	100	75	49	28	1-10
	ER16-100	125	100	74	28	1-10
	ER20-75	100	75	49	34	1-13
	ER20-100	125	100	74	34	1-13
	ER25-75	100	75	49	42	3-16
	ER25-100	125	100	74	42	3-16
	ER32-80	105	80	54	50	3-20
	ER32-100	125	100	74	50	3-20
	ER40-80	105	80	54	63	3-26
	ER40-100	125	100	74	63	3-26

DHC-020

HSK HYDRAULIC TOOL HOLDER

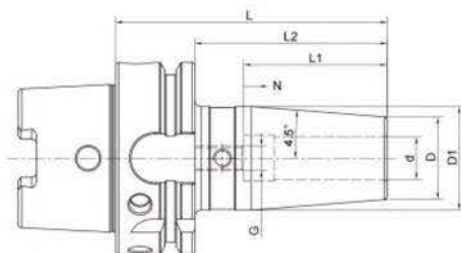


(mm)

Model	D1	D2	D3	L	L1	L2Max	M
HSK63F-D12-80	12	38	50	80	32	44	M8
HSK63F-D1/2-90	12.7	38	50	90	41	44	M8
HSK63F-D16-90	16	42	50	90	41	54	M8
HSK63F-D20-90	20	42	50	90	41	54	M8

DHC-022

HSK SHRINK FIT TOOL HOLDER

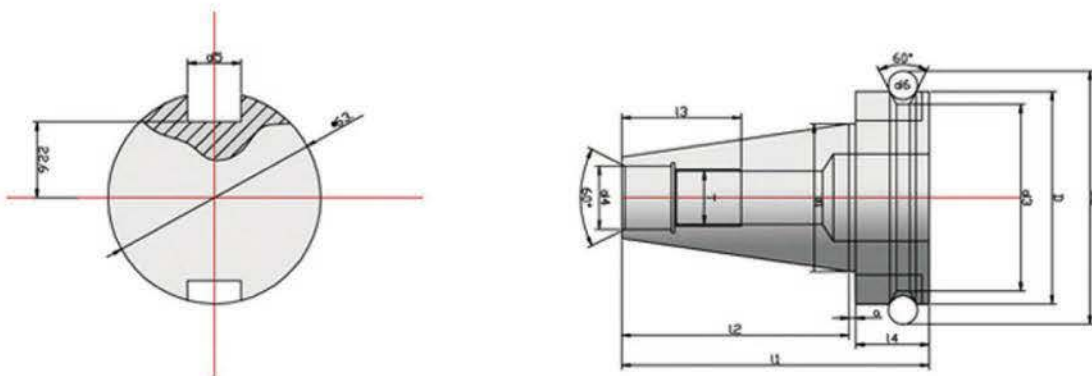


(mm)

Model	d	D	D1	L	L2	L1	N	G
HSK63A-SF03-80	3	15	20	80	54	-	-	-
HSK63A-SF04-80	4	15	20	80	54	-	-	-
HSK63A-SF04-120	4	15	20	120	94	-	-	-
HSK63A-SF05-80	5	15	20	80	54	-	-	-
HSK63A-SF06-80	6	21	27	80	54	36	10	M5
HSK63A-SF06-120	6	21	27	120	94	36	10	M5
HSK63A-SF08-80	8	21	27	80	54	36	10	M6
HSK63A-SF08-120	8	21	27	120	94	36	10	M6
HSK63A-SF10-85	10	24	32	85	59	42	10	M8*1
HSK63A-SF10-120	10	24	32	120	94	42	10	M8*1
HSK63A-SF12-90	12	24	32	90	64	47	10	M10*1
HSK63A-SF12-120	12	24	32	120	94	47	10	M10*1
HSK63A-SF14-90	14	27	34	90	64	47	10	M10*1
HSK63A-SF14-120	14	27	34	120	94	47	10	M10*1
HSK63A-SF16-95	16	27	34	95	69	50	10	M12*1
HSK63A-SF16-120	16	27	34	120	94	50	10	M12*1
HSK63A-SF18-95	18	33	42	95	69	50	10	M12*1
HSK63A-SF18-120	18	33	42	120	94	50	10	M12*1
HSK63A-SF20-100	20	33	42	100	74	52	10	M16*1
HSK63A-SF20-120	20	33	42	120	94	52	10	M16*1
HSK63A-SF25-115	25	44	52.5	115	89	58	10	M16*1
HSK63A-SF25-120	25	44	52.5	120	94	58	10	M16*1
HSK63A-SF32-120	32	44	52.5	120	94	62	10	M16*1

Taper Standard

MAS403



Material: Alloyed case harden steel, black finished and precision grinding

Taper tolerance: <AT3

Hardness: HRC56–58

Carbon depth: 0.8mm $\pm$ 0.2mm

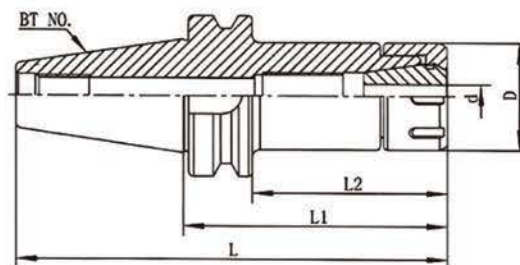
Max run out: <0.005mm

Shank body standard: MAS403 and B6339

Model	D	d1	d2	d3	d4	d5	d6	l1	l2	l3	l4	a	T
BT30	46	31.75	56.14	38	12.5	16.1	8	70.4	48.4	24	20	2	M12 x 1.75P
BT40	63	44.45	75.679	53	17	16.1	10	92.4	65.4	30	25	2	M16 x 2.0P
BT50	100	69.85	119.02	83	25	25.7	15	139.8	101.8	45	35	3	M24 x 3.0P

DHC-024

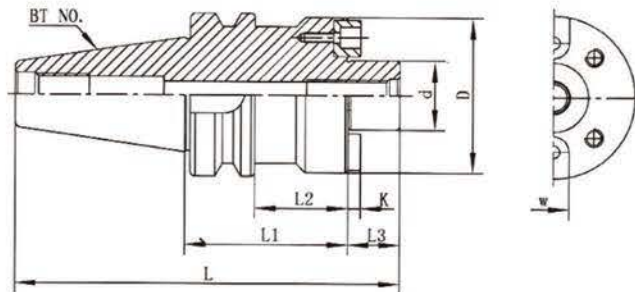
BT MILLING CHUCK ARBORS



1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(mm)

Model		L	L1	L2	D	d(Clamping Range)
BT30	ER11-70	118.4	70	48	19	1-7
	ER11-100	148.4	100	78	19	1-7
	ER16-70	118.4	70	48	28	1-10
	ER16-100	148.4	100	78	28	1-10
	ER20-70	118.4	70	48	34	1-13
	ER20-100	148.4	100	78	34	1-13
	ER25-70	118.4	70	48	42	3-16
	ER25-100	148.4	100	78	42	3-16
BT40	ER32-70	118.4	70	48	50	3-20
	ER32-100	148.4	100	78	50	3-20
	ER16-70	135.4	70	43	28	1-10
	ER16-100	165.4	100	73	28	1-10
	ER16-150	215.4	150	123	28	1-10
	ER20-70	135.4	70	43	34	1-13
	ER20-100	165.4	100	73	34	1-13
	ER20-150	215.4	150	123	34	1-13
	ER25-70	135.4	70	43	42	3-16
	ER25-100	165.4	100	73	42	3-16
	ER25-150	215.4	150	123	42	3-16
	ER32-70	135.4	70	43	50	3-20
	ER32-100	165.4	100	73	50	3-20
	ER32-150	215.4	150	123	50	3-20
	ER40-80	145.4	80	53	63	3-26
	ER40-100	165.4	100	73	63	3-26
BT50	ER16-100	201.8	100	62	28	1-10
	ER16-150	251.8	150	112	28	1-10
	ER20-100	201.8	100	62	34	1-13
	ER20-150	251.8	150	112	34	1-13
	ER25-100	201.8	100	62	42	3-16
	ER25-150	251.8	150	112	42	3-16
	ER32-100	201.8	100	62	50	3-20
	ER32-150	251.8	150	112	50	3-20
	ER40-100	201.8	100	62	63	3-26
	ER40-150	251.8	150	112	63	3-26

DHC-026
BT FMB SHELL MILL ARBORS


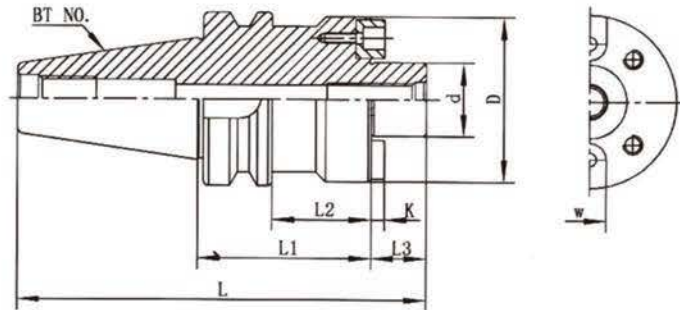
1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(mm)

Model		L	L1	L2	L3	d	D	k	w
BT30	FMB22-45	111.4	45	23	18	22	48	4.8	10
	FMB22-60	126.4	60	38	18	22	48	4.8	10
	FMB27-45	113.4	45	23	20	27	60	5.8	12
	FMB27-60	128.4	60	38	20	27	60	5.8	12
BT40	FMB22-45	128.4	45	18	18	22	48	4.8	10
	FMB22-60	143.4	60	33	18	22	48	4.8	10
	FMB22-100	183.4	100	73	18	22	48	4.8	10
	FMB27-60	145.4	60	33	20	27	60	5.8	12
	FMB32-60	147.4	60	33	22	32	63	6.8	14
	FMB40-60	150.4	60	33	25	40	73	8.3	16
BT50	FMB22-100	219.8	100	62	18	22	48	4.8	10
	FMB22-150	269.8	150	112	18	22	48	4.8	10
	FMB27-60	181.8	60	22	20	27	60	5.8	12
	FMB27-100	221.8	100	62	20	27	60	5.8	12
	FMB32-60	183.8	60	22	22	32	78	6.8	14
	FMB32-100	223.8	100	62	22	32	78	6.8	14
	FMB40-60	186.8	60	22	25	40	85	8.3	16
	FMB40-100	226.8	100	62	25	40	85	8.3	16
	FMB40F-75	202.8	75	37	26	40	98	8.3	16
	FMB60-75	201.8	75	37	25	60	128.75	12.5	25.4

DHC-028

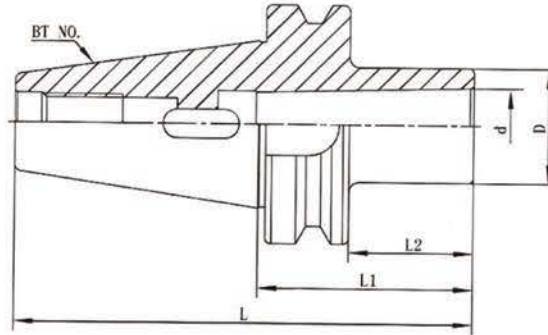
BT FMA SHELL MILL ARBORS



1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(mm)

Model		L	L1	L2	L3	d	D	k	w
BT30	FMA25.4-60	128.4	60	38	20	25.4	50	4.52	9.52
BT40	FMA25.4-60	145.4	60	33	20	25.4	50	4.52	9.52
	FMA31.75-60	147.4	60	33	22	31.75	60	6.7	12.7
	FMA38.1-60	150.4	60	33	25	38.1	73	8.87	15.87
BT50	FMA25.4-60	181.8	60	22	20	25.4	50	4.52	9.52
	FMA25.4-100	241.8	100	62	20	25.4	50	4.52	9.52
	FMA25.4-150	291.8	150	112	20	25.4	50	4.52	9.52
	FMA31.75-60	183.8	60	22	22	31.75	60	6.7	12.7
	FMA31.75-100	243.8	100	62	22	31.75	60	6.7	12.7
	FMA31.75-150	293.8	150	112	22	31.75	60	6.7	12.7
	FMA38.1-60	186.8	60	22	25	38.1	80	8.87	15.87
	FMA38.1-100	246.8	100	62	25	38.1	80	8.87	15.87
	FMA50.8-75	212.8	75	37	36	50.8	98	9.75	19.05
	FMA47.625-75	201.8	75	37	25	47.625	128.75	12.5	25.4

DHC-030
BT MORSE TAPER WITH TANG


1. The holder is made of high strength material with high wear resistance after special treatment
2. The outer taper shank is connected with CNC machine, and the inner taper shank is connected with different types of morse taper bit and morse taper arbor with flat tail
3. Balance according to customers' requirement

(mm)

Model		L	L1	L2	D	d
BT30	MTA1-45	93.4	45	23	25	12.065
	MTA2-60	108.4	60	38	32	17.78
	MTA3-75	118.4	75	53	40	23.825
BT40	MTA1-45	110.4	45	18	25	12.065
	MTA1-120	185.4	120	93	25	12.065
	MTA2-60	125.4	60	33	32	17.78
	MTA2-120	185.4	120	93	32	17.78
	MTA3-75	140.4	75	48	40	23.825
	MTA3-135	200.4	135	108	40	23.825
	MTA4-95	160.4	95	68	50	31.267
	MTA4-165	230.4	165	138	50	31.267
BT50	MTA1-45	146.8	45	7	25	12.065
	MTA1-120	221.8	120	82	25	12.065
	MTA2-60	161.8	60	22	32	17.78
	MTA2-135	236.8	135	97	32	17.78
	MTA3-75	176.8	75	37	40	23.825
	MTA3-150	251.7	150	112	40	23.825
	MTA4-90	191.8	90	52	50	31.267
	MTA4-180	281.8	180	142	50	31.267
	MTA5-105	206.8	105	67	63	44.399

 DIN69873
HSK TOOL HOLDER

 MAS403
BT TOOL HOLDER

 DIN69871
SK TOOL HOLDER

 DIN2080
NT TOOL HOLDER

 INTERNATIONAL
ISO TOOL HOLDER

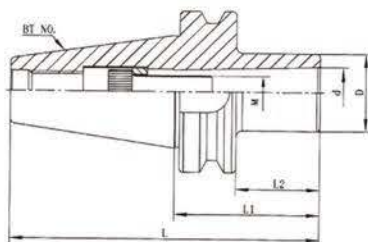
 ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

 OTHER
ACCESSORIES

DHC-032

BT MORSE TAPER WITH DRAWBAR



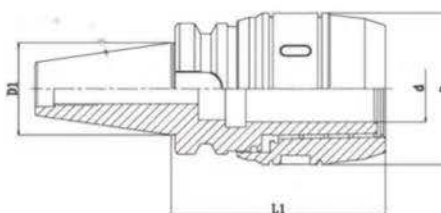
1. When the arbor be used, it is necessary to fix inner hex screw, standard knob and extension knob, please note when make order
2. Center cold and the flange water leakage type(AD/B) and common type to choose
3. Balance according to customers' requirement

(mm)

Model		L	L1	L2	M	D	d
BT40	MTB1-45	110.4	45	18	M6 X 1.0P	25	12.065
	MTB2-60	125.4	60	33	M10 X 1.5P	32	17.780
	MTB3-75	140.4	75	48	M12 X 1.75P	40	23.825
	MTB4-95	160.4	95	68	M16 X 2.0P	50	31.267
BT50	MTB1-45	146.8	45	7	M6 X 1.0P	25	12.065
	MTB2-60	161.8	60	22	M10 X 1.5P	32	17.780
	MTB2-135	236.8	135	97	M10 X 1.5P	32	17.780
	MTB3-75	176.8	75	37	M12 X 1.75P	40	23.825
	MTB3-150	251.7	150	112	M12 X 1.75P	40	23.825
	MTB4-90	191.8	90	52	M16 X 2.0P	50	31.267
	MTB4-180	281.8	180	142	M16 X 2.0P	50	31.267
	MTB5-105	206.8	105	67	M20 X 2.5P	70	44.399

DHC-034

BT POWER MILLING CHUCK



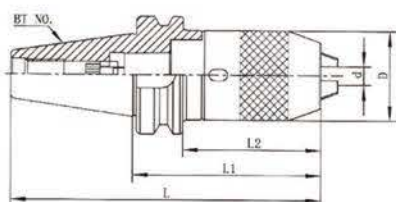
1. The holder is made of high strength material with high wear resistance after special treatment
2. Adopts needle rolling rotary clamping, the force is even and firm, reduce the cutting vibration, can be used for strong cutting.

(mm)

Model	d	D	L1	Capacity
BT30-SC20-90	20	50	90	3-16; 20
BT30-SC25-90	25	59	90	3-20; 25
BT30-SC32-105	32	68	105	3-25; 32
BT40-SC20-90	20	50	90	3-20; 25
BT40-SC25-90	25	59	90	3-25; 32
BT40-SC32-90	32	68	90	3-25; 32
BT40-SC32-105	32	70	105	3-25; 32
BT40-SC42-120	42	88	120	3-32; 42
BT50-SC20-105	20	50	105	3-16; 20
BT50-SC25-105	25	59	105	3-20; 25
BT50-SC32-110	32	73	110	3-25; 32
BT50-SC32-165	32	73	165	3-25; 32
BT50-SC42-110	42	88	110	3-32; 42
BT50-SC42-165	42	88	165	3-32; 42

DHC-036

BT SELF-FASTEN DRILL CHUCK



1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for machining center or CNC machine, front end assembly drill chuck

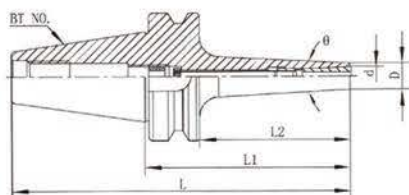
(mm)

	Model	L	L1	D	d(Clamping Range)
BT30	APU08-80	128.4	80	38	1-8
	APU13-100	148.4	100	50	1-13
BT40	APU08-80	145.4	80	38	1-8
	APU13-110	175.4	110	50	1-13
	APU16-110	175.4	110	58	3-16
BT50	APU13-120	221.8	120	50	1-13
	APU13-180	281.8	180	50	1-13
	APU16-120	221.8	120	58	3-16
	APU16-180	281.8	180	58	3-16

DHC-038

BT/DC SLIM-FIT COLLET CHUCK

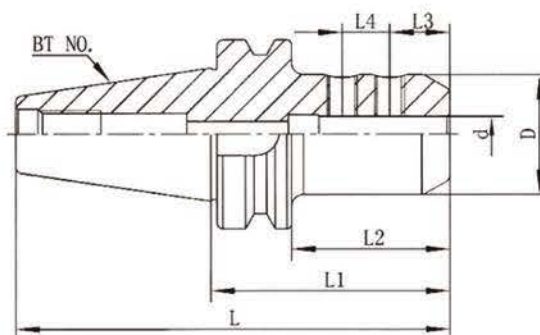
(mm)



	Model	L	L1	L2	θ	D	d(Clamping Range)
BT30	SDC06-60	108.4	60	38	6°	14	3-6
	SDC06-90	138.4	90	68	6°	14	3-6
	SDC08-60	108.4	60	38	6°	22	3-8
	SDC08-90	138.4	90	68	6°	22	3-8
	SDC12-80	128.4	80	58	-	34	3-12
BT40	SDC06-100	165.4	100	73	6°	14	3-6
	SDC06-150	215.4	150	123	6°	14	3-6
	SDC08-100	165.4	100	73	6°	22	3-8
	SDC08-150	215.4	150	123	6°	22	3-8
	SDC12-100	165.4	100	73	-	34	3-12
	SDC12-150	215.4	150	123	-	34	3-12
BT50	SDC06-100	201.8	100	62	6°	14	3-6
	SDC06-150	251.8	150	112	6°	14	3-6
	SDC08-100	201.8	100	62	6°	22	3-8
	SDC08-150	251.8	150	112	6°	22	3-8
	SDC12-100	201.8	100	62	-	34	3-12
	SDC12-150	251.8	150	112	-	34	3-12

DHC-040

BT END MILL ADAPTER



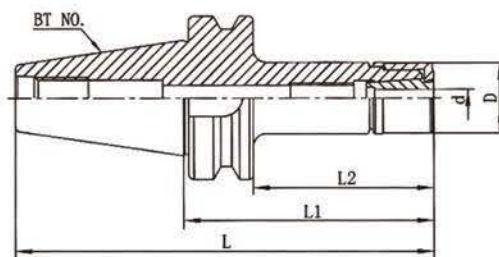
1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for machining center or CNC machines, inner hole with cutter
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(mm)

Model		L	L1	L2	L3	L4	D	d
BT40	SLN06-50	115.4	50	23	18	-	25	6
	SLN08-50	115.4	50	23	18	-	28	8
	SLN10-63	128.4	63	36	20	-	35	10
	SLN12-63	128.4	63	36	22.5	-	42	12
	SLN16-63	128.4	63	36	24	-	48	16
	SLN20-63	128.4	63	36	25	-	52	20
	SLN25-100	165.4	100	73	24	25	57	25
	SLN32-100	165.4	100	73	24	28	63	32
BT50	SLN06-63	164.8	63	25	18	-	25	6
	SLN08-63	164.8	63	25	18	-	28	8
	SLN10-80	181.8	80	42	20	-	35	10
	SLN12-80	181.8	80	42	22.5	-	42	12
	SLN16-80	181.8	80	42	24	-	48	16
	SLN20-80	181.8	80	42	25	-	52	20
	SLN25-100	201.8	100	62	24	25	57	25
	SLN32-105	206.8	105	67	24	28	63	32
	SLN40-115	216.8	115	77	30	32	72	40
	SLN42-120	221.8	120	82	30	32	75	42

DHC-042

BT/SK HIGH SPEED PRECISION HOLDER



1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center
3. All round nut design, with characters of low noise and weak wind resistance

(mm)

Model		L	L1	L2	d	d
BT30	SK6-60	108.4	60	38	19.5	2-6
	SK6-90	138.4	90	68	19.5	2-6
	SK10-60	108.4	60	38	27.5	3-10
	SK10-90	138.4	90	68	27.5	3-10
	SK13-60	108.4	60	38	35.5	3-13
	SK13-90	138.4	90	68	35.5	3-13
	SK16-60	108.4	60	38	40.5	3-16
	SK16-90	138.4	90	68	40.5	3-16
BT40	SK10-60	125.4	60	33	27.5	3-10
	SK10-100	165.4	100	73	27.5	3-10
	SK13-60	125.4	60	33	35.5	3-13
	SK13-100	165.4	100	73	35.5	3-13
	SK16-60	125.4	60	33	40.5	3-16
	SK16-100	165.4	100	73	40.5	3-16
	SK20-70	135.4	70	43	48.5	3-20
	SK20-100	165.4	100	73	48.5	3-20
BT50	SK10-100	201.8	100	62	27.5	3-10
	SK10-150	251.8	150	112	27.5	3-10
	SK13-100	201.8	100	62	35.5	3-13
	SK13-150	251.8	150	112	35.5	3-13
	SK16-100	201.8	100	62	40.5	3-16
	SK16-150	251.8	150	112	40.5	3-16
	SK20-100	201.8	100	62	48.5	3-20
	SK20-150	251.8	150	112	48.5	3-20
	SK25-100	201.8	100	62	55.5	3-25
	SK25-150	251.8	150	112	55.5	3-25

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN6980
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

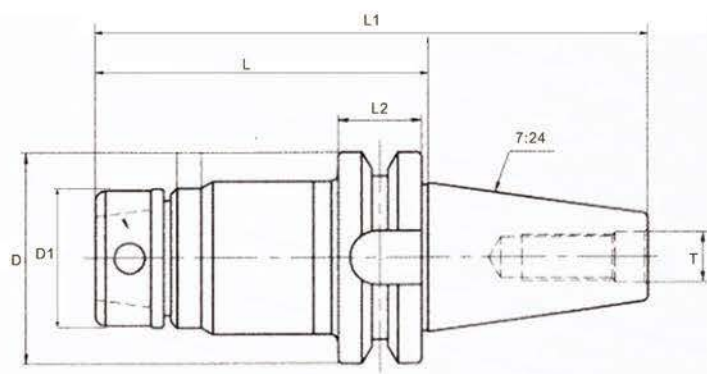
4HSI B5-50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-044

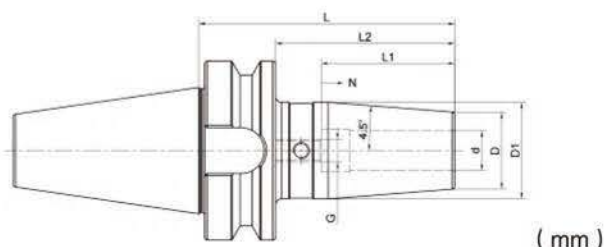
BT SYNCHRO TAPPING CHUCK



1. Micro-compensation tapping function compensates for machine tool synchronization backlash and errors, thereby improving tapping precision and quality
2. Operation requires the use of ER collets or ER tapping collets
3. Suitable for rigid and high-speed tapping across all metal materials and accommodates straight-shank machine taps, including spiral-flute, helical-point, and forming (roll) taps

(mm)

Model	Tapping Range	D	D1	L	L1	L2	T	Collet
BT30-VER16-100	M2-M12	46	28	100	150	20	M12	ERG16
BT30-VER20-100	M2-M16	46	34	100	150	20	M12	ERG20
BT30-VER25-100	M2-M22	46	42	100	150	20	M12	ERG25
BT30-VER32-100	M2-M30	46	50	100	150	20	M12	ERG32
BT40-VER16-100	M2-M12	63	28	100	170	25	M16	ERG16
BT40-VER20-100	M2-M16	63	34	100	170	25	M16	ERG20
BT40-VER25-100	M2-M22	63	42	100	170	25	M16	ERG25
BT40-VER32-100	M2-M30	63	50	100	170	25	M16	ERG32
BT50-VER16-120	M2-M12	100	28	120	225	35	M24	ERG16
BT50-VER20-120	M2-M16	100	34	120	225	35	M24	ERG20
BT50-VER25-120	M2-M22	100	42	120	225	35	M24	ERG25
BT50-VER32-120	M2-M30	100	50	120	225	35	M24	ERG32

DHC-046
BT SHRINK FIT TOOL HOLDER


(mm)

Model	d	D	D1	L	L2	L1	N	G
BT30-SF03-80	3	15	20	80	58	-	-	-
BT30-SF04-80	4	15	20	80	58	-	-	-
BT30-SF05-80	5	15	20	80	58	-	-	-
BT30-SF06-80	6	21	27	80	58	36	10	M5
BT30-SF08-80	8	21	27	80	58	36	10	M6
BT30-SF10-80	10	24	32	80	58	42	10	M8*1
BT30-SF12-80	12	24	32	80	58	47	10	M10*1
BT30-SF14-80	14	27	34	80	58	47	10	M10*1
BT30-SF16-80	16	27	34	80	58	50	10	M12*1
BT30-SF18-80	18	33	42	80	58	50	10	M12*1
BT30-SF20-80	20	33	42	80	58	52	10	M16*1
BT40-SF03-80	3	15	20	80	53	-	-	-
BT40-SF04-80	4	15	20	80	53	-	-	-
BT40-SF05-80	5	15	20	80	53	-	-	-
BT40-SF06-90	6	21	27	90	63	36	10	M5
BT40-SF06-120	6	21	27	120	93	36	10	M5
BT40-SF08-90	8	21	27	90	63	36	10	M6
BT40-SF08-120	8	21	27	120	93	36	10	M6
BT40-SF10-90	10	24	32	90	63	42	10	M8*1
BT40-SF10-120	10	24	32	120	93	42	10	M8*1
BT40-SF12-90	12	24	32	90	63	47	10	M10*1
BT40-SF12-120	12	24	32	120	93	47	10	M10*1
BT40-SF14-90	14	27	34	90	63	47	10	M10*1
BT40-SF14-120	14	27	34	120	93	47	10	M10*1
BT40-SF16-90	16	27	34	90	63	50	10	M12*1
BT40-SF16-120	16	27	34	120	93	50	10	M12*1
BT40-SF18-90	18	33	42	90	63	50	10	M12*1
BT40-SF18-120	18	33	42	120	93	50	10	M12*1
BT40-SF20-90	20	33	42	90	63	52	10	M16*1
BT40-SF20-120	20	33	42	120	93	52	10	M16*1
BT40-SF25-100	25	44	53	100	73	58	10	M16*1
BT40-SF25-120	25	44	53	120	93	58	10	M16*1
BT40-SF32-100	32	44	53	100	73	62	10	M16*1
BT40-SF32-120	32	44	53	120	93	62	10	M16*1
BT50-SF04-100	4	15	20	100	62	-	-	-
BT50-SF05-100	5	15	20	100	62	-	-	-
BT50-SF06-100	6	21	27	100	62	36	10	M5
BT50-SF06-160	6	21	32	160	122	36	10	M5
BT50-SF08-100	8	21	27	100	62	36	10	M6
BT50-SF08-160	8	21	32	160	122	36	10	M6
BT50-SF10-100	10	24	32	100	62	42	10	M8*1
BT50-SF10-160	10	24	34	160	122	42	10	M8*1
BT50-SF12-100	12	24	32	100	62	47	10	M10*1
BT50-SF12-160	12	24	34	160	122	47	10	M10*1
BT50-SF14-100	14	27	34	100	62	47	10	M10*1
BT50-SF14-160	14	27	42	160	122	47	10	M10*1
BT50-SF16-100	16	27	34	100	62	50	10	M12*1
BT50-SF16-160	16	27	42	160	122	50	10	M12*1
BT50-SF18-100	18	33	42	100	62	50	10	M12*1
BT50-SF18-160	18	33	50	160	122	50	10	M12*1
BT50-SF20-100	20	33	42	100	62	52	10	M16*1
BT50-SF20-160	20	33	50	160	122	52	10	M16*1
BT50-SF25-110	25	44	53	110	72	58	10	M16*1
BT50-SF25-160	25	44	60	160	122	58	10	M16*1
BT50-SF32-110	32	44	53	110	72	62	10	M16*1
BT50-SF32-160	32	44	60	160	122	62	10	M16*1

 DIN69873
HSK TOOL HOLDER

 MAS403
BT TOOL HOLDER

 DIN69871
SK TOOL HOLDER

 DIN2080
NT TOOL HOLDER

 INTERNATIONAL
ISO TOOL HOLDER

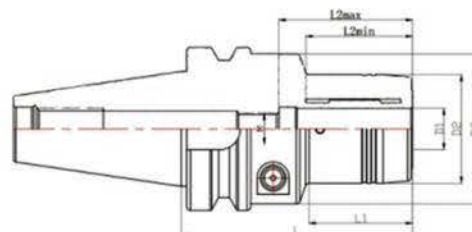
 ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

 OTHER
ACCESSORIES

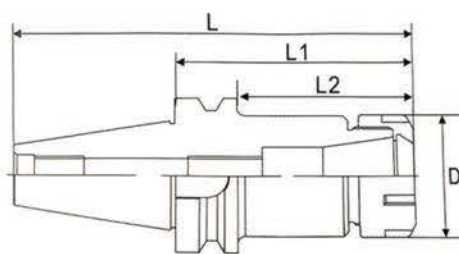
DHC-048

BT HYDRAULIC TOOL HOLDER



(mm)

Model	D1	D2	D3	L	L1	L2min	L2max	M
BT30-PHC03-60	3	21	45	60	29	23	84	-
BT30-PHC04-60	4	21	45	60	29	23	84	-
BT30-PHC06-75	6	30	46	75	24	28	50	M5
BT30-PHC08-75	8	32	46	75	24	28	50	M6
BT30-PHC10-75	10	34	46	75	24	34	50	M8
BT30-PHC12-75	12	36	46	75	25	36	50	M8
BT30-PHC14-90	14	38	46	90	40	41	52	M8
BT30-PHC16-90	16	40	46	90	33	41	52	M8
BT30-PHC18-90	18	42	46	90	41	41	52	M8
BT30-PHC20-90	20	46	46	90	-	41	52	M8
BT40-PHC04-90	4	28	46	90	38	24	42	-
BT40-PHC06-90	6	30	46	90	38	28	44	M5
BT40-PHC08-90	8	32	48	90	38	28	44	M6
BT40-PHC10-90	10	36	52	90	40	37	51	M8
BT40-PHC12-90	12	38	54	90	40	37	51	M8
BT40-PHC14-90	14	40	56	90	40	41	52	M12
BT40-PHC16-90	16	42	58	90	40	41	52	M12
BT40-PHC18-90	18	43	59	90	40	41	52	M12
BT40-PHC20-90	20	46	60	90	40	41	53	M12
BT40-PHC25-105	25	52	62	105	55	49	65	M12
BT40-PHC32-105	32	63	-	105	-	52	65	M12
BT50-PHC06-105	6	30	46	105	38	28	44	M5
BT50-PHC06-150	6	30	46	150	38	28	44	M5
BT50-PHC08-105	8	32	48	105	38	28	44	M6
BT50-PHC08-150	8	32	48	150	38	28	44	M6
BT50-PHC10-105	10	36	52	105	40	37	51	M8
BT50-PHC10-150	10	36	52	150	40	37	51	M8
BT50-PHC12-105	12	38	54	105	40	37	51	M8
BT50-PHC12-150	12	38	54	150	40	37	51	M8
BT50-PHC14-105	14	40	56	105	40	41	52	M12
BT50-PHC14-150	14	40	56	150	40	41	52	M12
BT50-PHC16-105	16	42	58	105	40	41	52	M12
BT50-PHC16-150	16	42	58	150	40	41	52	M12
BT50-PHC18-105	18	43	59	105	39	40	51	M12
BT50-PHC18-150	18	43	59	150	39	40	51	M12
BT50-PHC20-105	20	46	60	105	40	41	53	M12
BT50-PHC20-150	20	46	60	150	40	41	53	M12
BT50-PHC25-120	25	52	62	120	55	49	65	M12
BT50-PHC25-150	25	52	62	150	55	49	65	M12
BT50-PHC32-120	32	63	72	120	56	52	65	M12
BT50-PHC32-150	32	63	72	150	56	52	65	M12

DHC-050
BBT MILLING CHUCK ARBORS


(mm)

Model	Clamping Range	L	L1	L2	D	Collet
BBT30-ER11-70	1-7	118.4	70	44	19	ER11
BBT30-ER11-100	1-7	148.4	100	74	19	ER11
BBT30-ER16-70	1-10	118.4	70	45	28	ER16
BBT30-ER16-100	1-10	148.4	100	75	28	ER16
BBT30-ER20-70	1-13	118.4	70	45	34	ER20
BBT30-ER20-100	1-13	148.4	100	75	34	ER20
BBT30-ER25-70	1-16	118.4	70	47	42	ER25
BBT30-ER25-100	1-16	148.4	100	77	42	ER25
BBT30-ER32-70	1-20	118.4	70	48	50	ER32
BBT30-ER32-100	1-20	148.4	100	78	50	ER32
BBT40-ER16-70	1-10	135.4	70	39	28	ER16
BBT40-ER16-100	1-10	165.4	100	69	28	ER16
BBT40-ER20-70	1-13	135.4	70	40	34	ER20
BBT40-ER20-100	1-13	165.4	100	70	34	ER20
BBT40-ER20-150	1-13	215.4	150	120	34	ER20
BBT40-ER25-70	1-16	135.4	70	40	42	ER25
BBT40-ER25-100	1-16	165.4	100	70	42	ER25
BBT40-ER25-150	1-16	215.4	150	120	42	ER25
BBT40-ER32-70	1-20	135.4	70	40	50	ER32
BBT40-ER32-100	1-20	165.4	100	70	50	ER32
BBT40-ER32-150	1-20	215.4	150	120	50	ER32
BBT40-ER40-80	3-26	145.4	80	53	63	ER40
BBT40-ER40-100	3-26	165.4	100	74	63	ER40
BBT40-ER40-150	3-26	215.4	150	123	63	ER40
BBT50-ER16-100	1-10	201.8	100	57	28	ER16
BBT50-ER16-150	1-10	251.8	150	107	28	ER16
BBT50-ER16-200	1-10	301.8	200	157	28	ER16
BBT50-ER20-100	1-13	201.8	100	57	34	ER20
BBT50-ER20-150	1-13	251.8	150	107	34	ER20
BBT50-ER20-200	1-13	301.8	200	157	34	ER20
BBT50-ER25-100	1-16	201.8	100	57	42	ER25
BBT50-ER25-150	1-16	251.8	150	107	42	ER25
BBT50-ER25-200	1-16	301.8	200	157	42	ER25
BBT50-ER32-100	1-20	201.8	100	57	50	ER32
BBT50-ER32-150	1-20	251.8	150	107	50	ER32
BBT50-ER32-200	1-20	301.8	200	157	50	ER32
BBT50-ER40-100	3-26	201.8	100	57	63	ER40
BBT50-ER40-150	3-26	251.8	150	107	63	ER40
BBT50-ER40-200	3-26	301.8	200	157	63	ER40

 DIN69873
HSK TOOL HOLDER

 MAS403
BT TOOL HOLDER

 DIN69871
SK TOOL HOLDER

 DIN2080
NT TOOL HOLDER

 INTERNATIONAL
ISO TOOL HOLDER

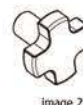
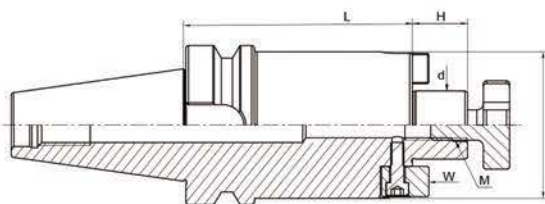
 ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

 OTHER
ACCESSORIES

DHC-052

BBT FMB SHELL MILL ARBORS



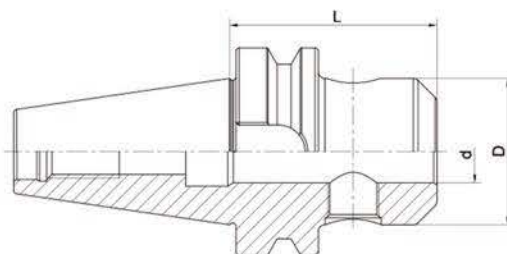
1. Features a dual-sided design that tightly adheres to the spindle, providing a large contact area
2. Extend the tool life and ensure the true roundness of boring, while maintaining high re-clamping accuracy after tool changes
3. Adopting carburizing and quenching process for surface hardness, strong fatigue resistance and high wear resistance to make longer lifespan

(mm)

Model	d	L	D	H	M
BBT40-FMB16-100	16	100	38	17	M8
BBT40-FMB22-60	22	60	48	19	M10
BBT40-FMB22-100	22	100	48	19	M10
BBT40-FMB27-60	27	60	58	21	M12
BBT40-FMB27-100	27	100	58	21	M12
BBT40-FMB32-60	32	60	78	24	M16
BBT40-FMB32-100	32	100	78	24	M16
BBT50-FMB16-100	16	100	38	17	M8
BBT50-FMB22-60	22	60	48	19	M10
BBT50-FMB22-100	22	100	48	19	M10
BBT50-FMB22-160	22	160	48	19	M10
BBT50-FMB27-60	27	60	58	21	M12
BBT50-FMB27-100	27	100	58	21	M12
BBT50-FMB27-160	27	160	58	21	M12
BBT50-FMB32-60	32	60	78	24	M16
BBT50-FMB32-100	32	100	78	24	M16
BBT50-FMB32-160	32	160	78	24	M16
BBT50-FMB40-100	40	100	88	27	M20

DHC-054

BBT END MILL ADAPTER



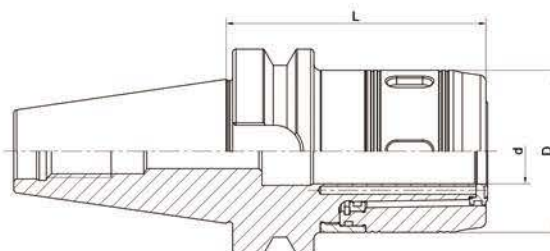
1. Double sided bonding and preset dynamic balance
2. Whole precision grinding, suitable for high-precision machine tool precision machining
3. Double screw compression method ensures more stable processing, and the middle through-hole is conducive to water discharge, increasing seismic resistance
4. Fine grinding of the inner hole. The precise fit between the chuck and collet enhances the clamping force, rigidity, cutting speed, and improves machining efficiency

(mm)

Model	d	D	L	M
BBT40-SLN06-50	6	25	50	M6
BBT40-SLN06-100	6	25	100	M6
BBT40-SLN08-50	8	28	50	M8
BBT40-SLN08-100	8	28	100	M8
BBT40-SLN10-63	10	35	63	M10
BBT40-SLN10-100	10	35	100	M10
BBT40-SLN12-63	12	42	63	M12
BBT40-SLN12-100	12	42	100	M12
BBT40-SLN14-63	14	44	63	M12
BBT40-SLN14-100	14	44	100	M12
BBT40-SLN16-63	16	48	63	M14
BBT40-SLN16-100	16	48	100	M14
BBT40-SLN20-63	20	52	63	M16
BBT40-SLN20-100	20	52	100	M16
BBT40-SLN25-90	25	65	90	M18*2
BBT40-SLN32-100	32	72	100	M20*2
BBT50-SLN06-63	6	25	63	M6
BBT50-SLN08-63	8	28	63	M8
BBT50-SLN10-63	10	35	63	M10
BBT50-SLN12-80	12	42	80	M12
BBT50-SLN14-80	14	44	80	M12
BBT50-SLN16-80	16	48	80	M14
BBT50-SLN20-80	20	52	80	M16
BBT50-SLN25-100	25	65	100	M18*2
BBT50-SLN32-105	32	72	105	M20*2
BBT50-SLN40-110	40	80	110	M20*2

DHC-056

BBT POWER MILLING CHUCK

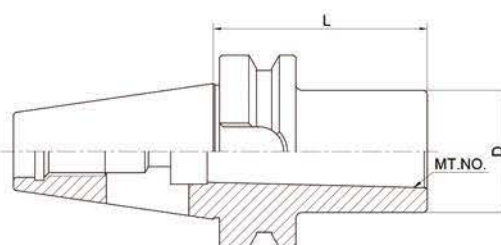


(mm)

Model	d	D	L	Capacity
BBT40-SC20-90	20	50	90	3-16; 20
BBT40-SC25-100	25	59	100	3-20; 25
BBT40-SC32-105	32	72	105	3-25; 32
BBT50-SC20-105	20	50	105	3-16; 20
BBT50-SC25-105	25	59	105	3-20; 25
BBT50-SC32-110	32	72	110	3-25; 32

DHC-058

BBT MORSE TAPER ADAPTER WITH TANG

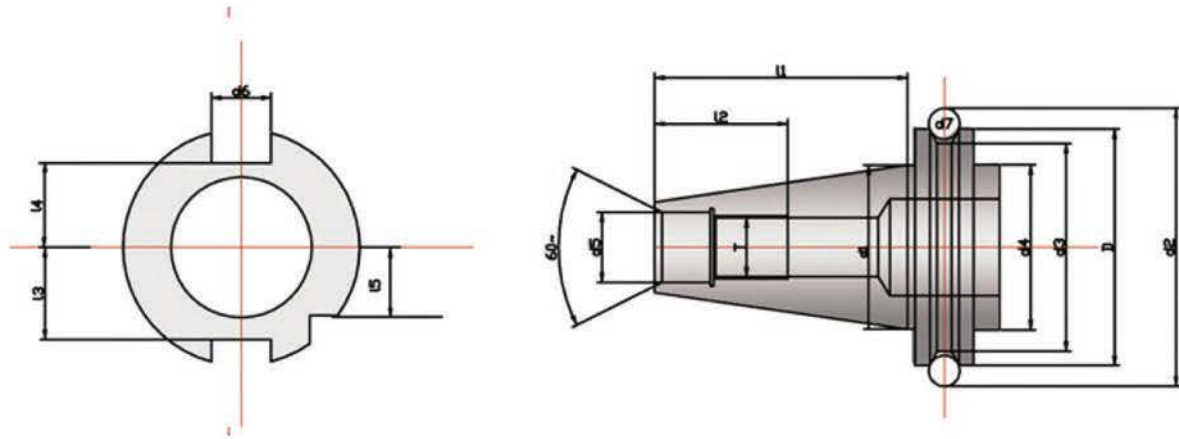


(mm)

Model	MT.NO.	D	L
BBT40-MTA1-50	1	25	50
BBT40-MTA2-50	2	32	50
BBT40-MTA3-70	3	40	70
BBT40-MTA4-95	4	48	95
BBT50-MTA1-45	1	25	45
BBT50-MTA2-60	2	32	60
BBT50-MTA3-65	3	40	65
BBT50-MTA4-95	4	48	95

Taper Standard

DIN69871



Material: Alloyed case harden steel, black finished and precision grinding

Taper tolerance: <AT3

Hardness: HRC56–58

Carbon depth: $0.8\text{mm} \pm 0.2\text{mm}$

Max run out: <0.005mm

Surface roughness: $Ra < 0.005\text{mm}$

Cooling AD+B type can be customized.

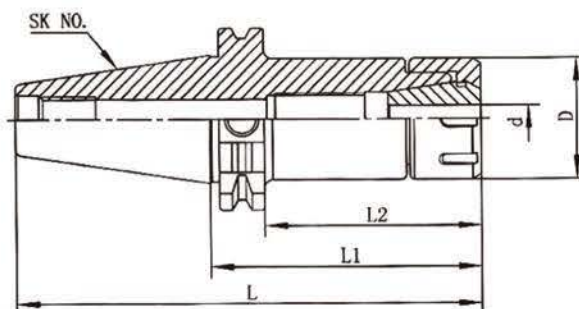
When order, please specify balancing G6.3 or G2.5

Shank body standard: DIN69871

Model	D	d1	d2	d3	d4	d5	d6	d7	l1	l2	l3	l4	l5	e1	e2
SK30	50	31.75	59.3	44.3	45	13	16.1	4	47.8	24	19	16.4	15	21	5
SK40	63.55	44.45	72.3	56.25	50	17	16.1	4	68.4	32	25	22.8	18.5	27	5
SK50	97.5	69.85	107.25	91.25	80	25	25.7	6	101.75	47	37.7	35.5	30	42	7

DHC-060

DIN69871 SK MILLING CHUCK ARBORS



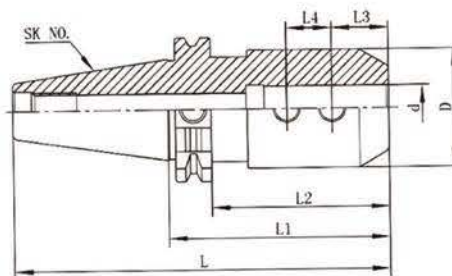
1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(mm)

Model		L	L1	L2	D	d(Clamping Range)
SK40	ER16-70	138.4	70	50.9	28	1-10
	ER16-100	168.4	100	80.9	28	1-10
	ER16-160	228.4	160	140.9	28	1-10
	ER20-70	138.4	70	50.9	34	1-13
	ER20-100	168.4	100	80.9	34	1-13
	ER20-160	228.4	160	140.9	34	1-13
	ER25-70	138.4	70	50.9	42	3-16
	ER25-100	168.4	100	80.9	42	3-16
	ER25-160	228.4	160	140.9	42	3-16
	ER32-70	138.4	70	50.9	50	3-20
	ER32-100	168.4	100	80.9	50	3-20
	ER32-160	228.4	160	140.9	50	3-20
	ER40-80	148.4	80	60.9	63	3-26
	ER40-100	168.4	100	80.9	63	3-26
SK50	ER16-100	201.75	100	80.9	28	1-10
	ER16-135	236.75	135	115.9	28	1-10
	ER20-100	201.75	100	80.9	34	1-13
	ER20-135	236.75	135	115.9	34	1-13
	ER25-100	201.75	100	80.9	42	3-16
	ER25-135	236.75	135	115.9	42	3-16
	ER32-100	201.75	100	80.9	50	3-20
	ER32-135	236.75	135	115.9	50	3-20
	ER32-160	261.75	160	140.9	50	3-20
	ER40-80	181.75	80	60.9	63	3-26
	ER40-120	221.75	120	100.9	63	3-26

DHC-062

DIN69871 SK END MILL ADAPTER



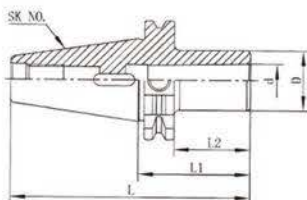
1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for machining center or CNC machines, inner hole with cutter
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(mm)

Model		L	L1	L2	L3	L4	D	d
SK40	SLN06-50	118.4	50	30.9	18	—	25	6
	SLN08-50	118.4	50	30.9	18	—	28	8
	SLN10-50	118.4	50	30.9	20	—	35	10
	SLN12-50	118.4	50	30.9	22.5	—	42	12
	SLN16-63	131.4	63	43.9	24	—	48	16
	SLN20-63	131.4	63	43.9	25	—	52	20
	SLN25-100	168.4	100	80.9	24	25	65	25
	SLN32-100	168.4	100	80.9	24	28	72	32
SK50	SLN06-63	164.75	63	43.9	18	—	25	6
	SLN08-63	164.75	63	43.9	18	—	28	8
	SLN10-63	164.75	63	43.9	20	—	35	10
	SLN12-63	164.75	63	43.9	22.5	—	42	12
	SLN16-63	164.75	63	43.9	24	—	48	16
	SLN20-63	164.75	63	43.9	25	—	52	20
	SLN25-100	201.75	100	80.9	24	25	65	25
	SLN32-100	201.75	100	80.9	24	28	72	32
	SLN40-120	221.75	120	100.9	30	32	90	40
	SLN42-120	221.75	120	100.9	30	32	90	42

DHC-064

DIN69871 SK MORSE TAPER WITH TANG



1. The holder is made of high strength material with high wear resistance after special treatment
2. The outer taper shank is connected with CNC machine, and the inner taper shank is connected with different types of morse taper bit and morse taper arbor with flat tail
3. Balance according to customers' requirement

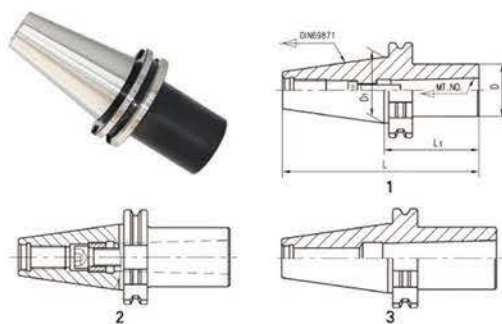
(mm)

Model		L	L1	L2	D	d
SK40	MTA1-45	113.4	45	25.9	25	12.065
	MTA2-60	128.4	60	40.9	32	17.780
	MTA3-75	143.4	75	55.9	40	23.825
	MTA4-95	163.4	95	75.9	50	31.267
SK50	MTA1-45	146.75	45	25.9	25	12.065
	MTA2-60	161.75	60	40.9	32	17.780
	MTA3-75	176.75	75	55.9	40	23.825
	MTA4-90	191.75	90	70.9	50	31.267
	MTA5-105	206.75	105	85.9	63	44.399

DHC-066

DIN69871 SK MORSE TAPER WITH DRAWBAR

1. When the arbor be used, it is necessary to fix inner hex screw, standard knob and extension knob, please note when make order
2. Center cold and the flange water leakage type(AD/B) and common type to choose
3. Balance according to customers' requirement



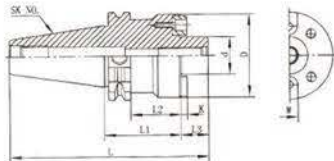
(mm)

Model	L	D	D1	Figure
DIN69871.A40 X MTB1-45	113.4	25	44.45	1
DIN69871.A40 X MTB2-60	128.4	32		1
DIN69871.A40 X MTB3-70	138.4	40		3
DIN69871.A40 X MTB3-80	148.4	40		2
DIN69871.A40 X MTB3-100	168.4	40		2
DIN69871.A40 X MTB4-90	158.4	48		3
DIN69871.A40 X MTB4-100	168.4	48	69.85	2
DIN69871.A50 X MTB1-45	146.8	25		1
DIN69871.A50 X MTB2-45	146.8	32		1
DIN69871.A50 X MTB3-60	161.8	40		1
DIN69871.A50 X MTB3-80	181.8	40		1
DIN69871.A50 X MTB4-80	181.8	48		3
DIN69871.A50 X MTB4-90	191.8	48		2
DIN69871.A50 X MTB4-120	221.8	48		2
DIN69871.A50 X MTB5-100	201.8	61		3
DIN69871.A50 X MTB5-120	221.8	61		2

TOOL HOLDER SERIES

DHC-068

DIN69871 SK FMB SHELL MILL ARBORS



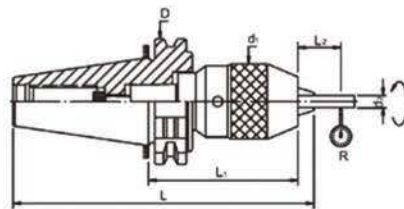
1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(mm)

Model		L	L1	L2	L3	d	D	K	W
SK40	FMB22-40	126.4	40	20.9	18	22	48	4.8	10
	FMB22-100	186.4	100	80.9	18	22	48	4.8	10
	FMB27-60	148.4	60	40.9	20	27	60	5.8	12
	FMB32-60	150.4	60	40.9	22	32	63	6.8	14
	FMB40-60	153.4	60	40.9	25	40	73	8.3	16
SK50	FMB22-40	141.75	40	20.9	18	22	48	4.8	10
	FMB22-100	201.75	100	80.9	18	22	48	4.8	10
	FMB27-40	143.75	40	20.9	20	27	60	5.8	12
	FMB32-40	145.75	40	20.9	22	32	78	6.8	14
	FMB40-50	176.75	50	30.9	25	40	85	8.3	16

DHC-070

DIN69871 SK SELF-FASTEN DRILL CHCUK



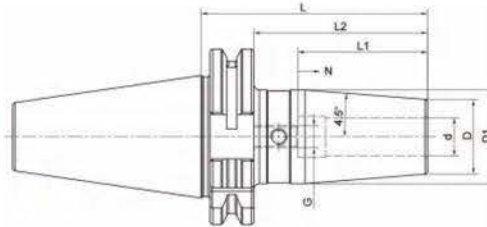
1. The holder is made of high strength material with high wear resistance after special treatment
2. Used for machining center or CNC machine, front end assembly drill chuck

(mm)

Model	L1	L	L2	D	d1	d2	R	Wt(Kg)
DIN69871. 30 X APU8-80	80	139.8	55	50	37	6	0.04	0.60
DIN69871. 30 X APU13-120	120	179.8	75		50	13	0.04	1.45
DIN69871. 30 X APU16-125	125	179.8	75		57	16	0.04	1.78
DIN69871. 40 X APU8-75	75	155.4	55	63.55	37	6	0.04	1.46
DIN69871. 40 X APU13-100	100	180.4	75		50	13	0.04	2.00
DIN69871. 40 X APU16-115	115	195.4	80		57	16	0.04	2.33
DIN69871. 50 X APU8-75	75	188.75	55	97.50	37	6	0.04	3.86
DIN69871. 50 X APU13-100	100	213.75	75		50	13	0.04	4.40
DIN69871. 50 X APU13-105	105	218.75	80		57	16	0.04	4.73

DHC-072

DIN69871 SK SHRINK FIT TOOL HOLDER



(mm)

Model	d	D	D1	Model	L	L2	L1	N	G
SK30-SF03-80	3	15	20	SK30-SF03-80	80	60.9	-	-	-
SK30-SF04-80	4	15	20	SK30-SF04-80	80	60.9	-	-	-
SK30-SF05-80	5	15	20	SK30-SF05-80	80	60.9	-	-	-
SK30-SF06-80	6	21	27	SK30-SF06-80	80	60.9	36	10	M5
SK30-SF08-80	8	21	27	SK30-SF08-80	80	60.9	36	10	M6
SK30-SF10-80	10	24	32	SK30-SF10-80	80	60.9	42	10	M8*1
SK30-SF12-80	12	24	32	SK30-SF12-80	80	60.9	47	10	M10*1
SK30-SF14-80	14	27	34	SK30-SF14-80	80	60.9	47	10	M10*1
SK30-SF16-80	16	27	34	SK30-SF16-80	80	60.9	50	10	M12*1
SK30-SF18-80	18	33	42	SK30-SF18-80	80	60.9	50	10	M12*1
SK30-SF20-80	20	33	42	SK30-SF20-80	80	60.9	52	10	M16*1
SK30-SF04-120	4	15	20	SK30-SF04-120	120	100.9	-	-	-
SK30-SF05-120	5	15	20	SK30-SF05-120	120	100.9	-	-	-
SK30-SF06-120	6	21	27	SK30-SF06-120	120	100.9	36	10	M5
SK30-SF08-120	8	21	27	SK30-SF08-120	120	100.9	36	10	M6
SK30-SF10-120	10	24	32	SK30-SF10-120	120	100.9	42	10	M8*1
SK30-SF12-120	12	24	32	SK30-SF12-120	120	100.9	47	10	M10*1
SK30-SF16-120	16	27	34	SK30-SF16-120	120	100.9	50	10	M12*1
SK40-SF03-80	3	15	20	SK40-SF03-80	80	60.9	-	-	-
SK40-SF04-80	4	15	20	SK40-SF04-80	80	60.9	-	-	-
SK40-SF05-80	5	15	20	SK40-SF05-80	80	60.9	-	-	-
SK40-SF06-80	6	21	27	SK40-SF06-80	80	60.9	36	10	M5
SK40-SF08-80	8	21	27	SK40-SF08-80	80	60.9	36	10	M6
SK40-SF10-80	10	24	32	SK40-SF10-80	80	60.9	42	10	M8*1
SK40-SF12-80	12	24	32	SK40-SF12-80	80	60.9	47	10	M10*1
SK40-SF14-80	14	27	34	SK40-SF14-80	80	60.9	47	10	M10*1
SK40-SF16-80	16	27	34	SK40-SF16-80	80	60.9	50	10	M12*1
SK40-SF18-80	18	33	42	SK40-SF18-80	80	60.9	50	10	M12*1
SK40-SF20-80	20	33	42	SK40-SF20-80	80	60.9	52	10	M16*1
SK40-SF25-100	25	44	50	SK40-SF25-100	100	80.9	58	10	M16*1
SK40-SF32-100	32	44	50	SK40-SF32-100	100	80.9	62	10	M16*1
SK40-SF06-120	6	21	27	SK40-SF06-120	120	100.9	36	10	M5
SK40-SF08-120	8	21	27	SK40-SF08-120	120	100.9	36	10	M6
SK40-SF10-120	10	24	32	SK40-SF10-120	120	100.9	42	10	M8*1
SK40-SF12-120	12	24	32	SK40-SF12-120	120	100.9	47	10	M10*1
SK40-SF14-120	14	27	34	SK40-SF14-120	120	100.9	47	10	M10*1
SK40-SF16-120	16	27	34	SK40-SF16-120	120	100.9	50	10	M12*1
SK40-SF18-120	18	33	42	SK40-SF18-120	120	100.9	50	10	M12*1
SK40-SF20-120	20	33	42	SK40-SF20-120	120	100.9	52	10	M16*1
SK40-SF25-120	25	44	50	SK40-SF25-120	120	100.9	58	10	M16*1
SK40-SF06-160	6	21	32	SK40-SF06-160	160	140.9	36	10	M5
SK40-SF08-160	8	21	32	SK40-SF08-160	160	140.9	36	10	M6
SK40-SF10-160	10	24	34	SK40-SF10-160	160	140.9	42	10	M8*1
SK40-SF12-160	12	24	34	SK40-SF12-160	160	140.9	47	10	M10*1
SK40-SF14-160	14	27	42	SK40-SF14-160	160	140.9	47	10	M10*1
SK40-SF16-160	16	27	42	SK40-SF16-160	160	140.9	50	10	M12*1
SK40-SF18-160	18	33	50	SK40-SF18-160	160	140.9	50	10	M12*1
SK40-SF20-160	20	33	50	SK40-SF20-160	160	140.9	52	10	M16*1
SK40-SF25-160	25	44	50	SK40-SF25-160	160	140.9	58	10	M16*1
SK40-SF32-160	32	44	50	SK40-SF32-160	160	140.9	62	10	M16*1
SK50-SF06-80	6	21	27	SK50-SF06-80	80	60.9	36	10	M5
SK50-SF08-80	8	21	27	SK50-SF08-80	80	60.9	36	10	M6
SK50-SF10-80	10	24	32	SK50-SF10-80	80	60.9	42	10	M8*1
SK50-SF12-80	12	24	32	SK50-SF12-80	80	60.9	47	10	M10*1
SK50-SF14-80	14	27	34	SK50-SF14-80	80	60.9	47	10	M10*1
SK50-SF16-80	16	27	34	SK50-SF16-80	80	60.9	50	10	M12*1
SK50-SF18-80	18	33	42	SK50-SF18-80	80	60.9	50	10	M12*1
SK50-SF20-80	20	33	42	SK50-SF20-80	80	60.9	52	10	M16*1
SK50-SF25-100	25	44	53	SK50-SF25-100	100	80.9	58	10	M16*1
SK50-SF32-100	32	44	53	SK50-SF32-100	100	80.9	62	10	M16*1
SK50-SF06-120	6	21	27	SK50-SF06-120	120	100.9	36	10	M5
SK50-SF08-120	8	21	27	SK50-SF08-120	120	100.9	36	10	M6
SK50-SF10-120	10	24	32	SK50-SF10-120	120	100.9	42	10	M8*1
SK50-SF12-120	12	24	32	SK50-SF12-120	120	100.9	47	10	M10*1
SK50-SF14-120	14	27	34	SK50-SF14-120	120	100.9	47	10	M10*1
SK50-SF16-120	16	27	34	SK50-SF16-120	120	100.9	50	10	M12*1
SK50-SF18-120	18	33	42	SK50-SF18-120	120	100.9	50	10	M12*1
SK50-SF20-120	20	33	42	SK50-SF20-120	120	100.9	52	10	M16*1
SK50-SF25-120	25	44	53	SK50-SF25-120	120	100.9	58	10	M16*1
SK50-SF32-120	32	44	53	SK50-SF32-120	120	100.9	62	10	M16*1
SK50-SF06-160	6	21	32	SK50-SF06-160	160	140.9	36	10	M5
SK50-SF08-160	8	21	32	SK50-SF08-160	160	140.9	36	10	M6
SK50-SF10-160	10	24	34	SK50-SF10-160	160	140.9	42	10	M8*1
SK50-SF12-160	12	24	34	SK50-SF12-160	160	140.9	47	10	M10*1
SK50-SF14-160	14	27	42	SK50-SF14-160	160	140.9	47	10	M10*1
SK50-SF16-160	16	27	42	SK50-SF16-160	160	140.9	50	10	M12*1
SK50-SF18-160	18	33	50	SK50-SF18-160	160	140.9	50	10	M12*1
SK50-SF20-160	20	33	50	SK50-SF20-160	160	140.9	52	10	M16*1
SK50-SF25-160	25	44	60	SK50-SF25-160	160	140.9	58	10	M16*1
SK50-SF32-160	32	44	60	SK50-SF32-160	160	140.9	62	10	M16*1

DIN69873
HSK TOOL HOLDER

MAS003
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN6980
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

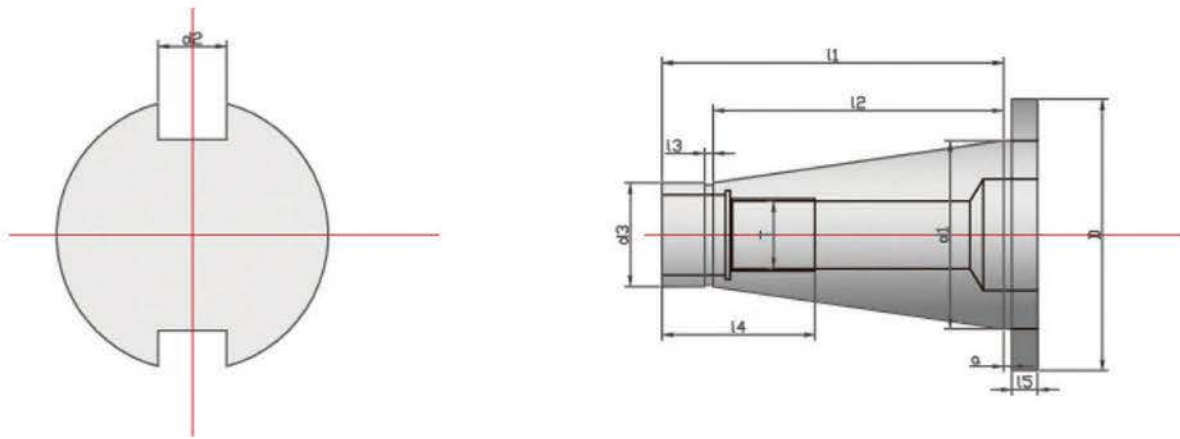
ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

Taper Standard

DIN2080



Material: Alloyed case harden steel, black finished and precision grinding

Taper tolerance: <AT3

Hardness: HRC56–58

Carbon depth: 0.8mm ± 0.2mm

Max run out: <0.005mm

Surface roughness: Ra<0.005mm

Cooling AD+B type can be customized.

When order, please specify balancing G6.3 or G2.5

Shank body standard: DIN2080

Model	D	d1	d2	d3	a	l1	l2	l3	l4	l5	T
NT30	49	31.75	16.1	17.04	1.6	68.4	48.4	3	24	8	M12/1/2" -12
NT40	63	44.45	16.1	24.92	1.6	93.4	65.4	5	32	10	M16/5/8" -11
NT50	97.5	69.85	25.7	39.19	3.2	126.8	101.8	8	47	12	M24/1" -8

DIN6973
HSK TOOL HOLDER

MAS408
BT TOOL HOLDER

DIN6971
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

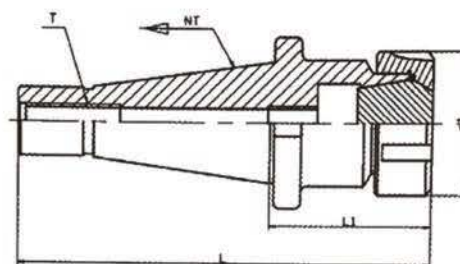
ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-074

DIN2080 NT MILLING CHUCK ARBORS



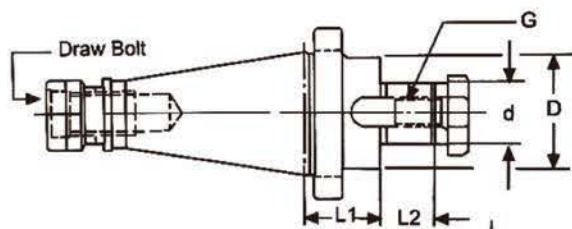
1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center

(mm)

Model	L1	d1	Clamping Range	Weight(Kg)
NT30-ER20-70	70	34	0.5-13	0.6
NT30-ER20-100	100	34	0.5-13	0.8
NT30-ER25-100	100	42	0.5-16	0.9
NT30-ER32-60	60	50	1-20	0.8
NT30-ER32-100	100	50	1-20	0.9
NT40-ER16-45	45	28	0.5-10	1.0
NT40-ER16-100	100	32	0.5-10	1.1
NT40-ER20-45	45	34	0.5-13	1.2
NT40-ER20-100	100	34	0.5-13	1.3
NT40-ER25-100	100	42	0.5-16	1.5
NT40-ER32-60	60	50	1-20	1.3
NT40-ER32-100	100	50	1-20	1.7
NT40-ER40-70	70	63	2-26	1.4
NT50-ER16-100	100	28	0.5-10	3.1
NT50-ER20-100	100	34	0.5-13	3.2
NT50-ER20-150	150	34	0.5-13	3.3
NT50-ER32-100	100	50	1-20	3.3
NT50-ER40-80	80	63	2-26	3.2
NT50-ER40-100	80	63	2-26	3.4

DHC-076

DIN2080 NT FMB SHELL MILL ARBORS



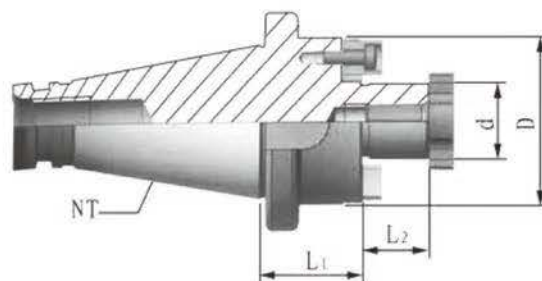
1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center

(mm)

Model	d	L1	L2	D	G	Draw Bolt
NT30-FMB22-20	22	20	18	53	M10	M12X1.75P 1/2 " -12
NT30-FMB27-20	27	20	20	54	M12	
NT30-FMB32-20	32	20	21	59	M16	
NT40-FMB22-20	22	20	18	48	M10	M16X2.0P 5/8 " -11
NT40-FMB27-20	27	20	20	58	M12	
NT40-FMB32-20	32	20	21	69	M16	
NT40-FMB40-20	40	20	24	80	M16	
NT40-FMB60-24	60	24	32	128	-	
NT50-FMB22-20	22	20	18	40	M10	M24X3.0P 1 " -8
NT50-FMB27-20	27	20	20	70	M12	
NT50-FMB32-20	32	20	21	76	M16	
NT50-FMB40-20	40	20	24	88	M16	
NT50-FMB60-24	60	24	32	128	-	

DHC-078

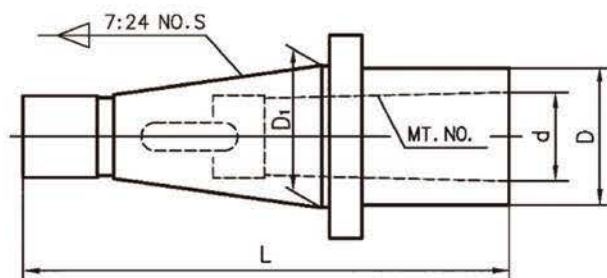
DIN2080 NT FMA SHELL MILL ARBORS



1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center

(mm)

Model	L	Ød	ØD	L2	W
NT30-FMA25.4-20	20	25.4	50	20	9.5
NT30-FMA31.75-25	25	31.75	60	22	12.7
NT30-FMA38.1-30	30	38.1	80	25	15.9
NT40-FMA25.4-20	25	25.4	50	20	9.5
NT40-FMA31.75-25	25	31.75	60	22	12.7
NT40-FMA38.1-30	30	38.1	80	25	15.9
NT40-FMA50.8-35	35	50.8	100	28	15.9
NT50-FMA25.4-35	35	25.4	50	20	9.5
NT50-FMA31.75-35	35	31.75	60	22	12.7
NT50-FMA38.1-35	35	38.1	80	25	15.9
NT50-FMA50.8-35	35	50.8	100	28	15.9

DHC-080
DIN2080 NT MORSE TAPER WITH TANG


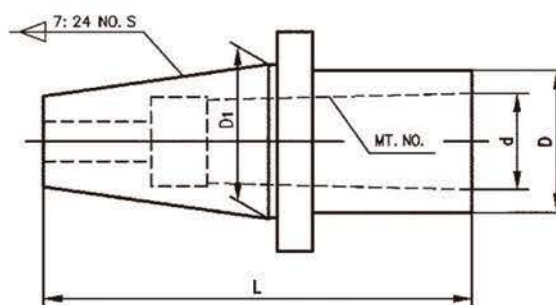
1. The holder is made of high strength material with high wear resistance after special treatment
2. The outer taper shank is connected with CNC machine, and the inner taper shank is connected with different types of morse taper bit and morse taper arbor with flat tail

(mm)

Model	7:24 No. S	MT. NO.	D	D1	d	L
NT30-MTA1	30	MT1	25	31.75	12.065	118
NT30-MTA2		MT2	32		17.780	118
NT30-MTA3		MT3	40		23.825	138
NT30-MTA4		MT4	48		31.267	212
NT40-MTA1		MT1	25		12.065	143
NT40-MTA2	40	MT2	32	44.45	17.780	143
NT40-MTA3		MT3	40		23.825	158
NT40-MTA4		MT4	48		31.267	188
NT40-MTA5		MT5	61		44.399	273
NT50-MTA1	50	MT1	25	69.85	12.065	172
NT50-MTA2		MT2	32		17.780	187
NT50-MTA3		MT3	40		23.825	192
NT50-MTA4		MT4	48		31.267	197
NT50-MTA5		MT5	61		44.399	232

DHC-082

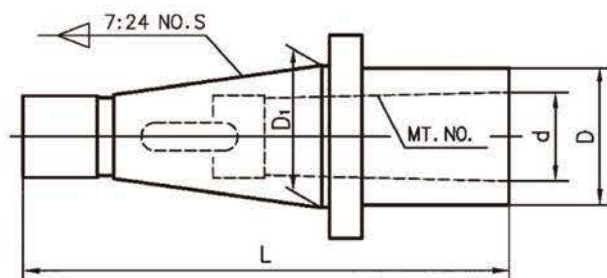
DIN2080 NT MORSE TAPER WITH DRAWBAR



1. When the arbor be used, it is necessary to fix inner hex screw, standard knob and extension knob, please note when make order

(mm)

Model	7:24 No. S	MT. NP.	D	D1	d	L
NT30-MTB1	30	MT1	24	31.75	12.065	75
NT30-MTB2	30	MT2	30	31.75	17.780	100
NT30-MTB3	30	MT3	36	31.75	23.825	130
NT30-MTB4	30	MT4	48	31.75	31.267	162.6
NT40-MTB1	40	MT1	20	44.45	12.065	80
NT40-MTB2	40	MT2	30	44.45	17.780	85
NT40-MTB3	40	MT3	36	44.45	23.825	100
NT40-MTB4	40	MT4	48	44.45	31.267	145
NT40-MTB5	40	MT5	61	44.45	44.399	225
NT40-MTB1	50	MT1	25	69.85	12.065	127
NT40-MTB2	50	MT2	32	69.85	17.780	127
NT40-MTB3	50	MT3	40	69.85	23.825	127
NT40-MTB4	50	MT4	48	69.85	31.267	127
NT40-MTB5	50	MT5	61	69.85	44.399	180

DHC-084
DIN2080 NT MORSE TAPER WITH TANG


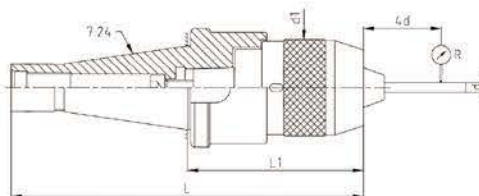
1. The holder is made of high strength material with high wear resistance after special treatment
2. The outer taper shank is connected with CNC machine, and the inner taper shank is connected with different types of morse taper bit and morse taper arbor with flat tail

(mm)

Model	7:24 No. S	MT. NO.	D	D1	d	L
NT30-MTA1	30	MT1	25	31.75	12.065	118
NT30-MTA2		MT2	32		17.780	118
NT30-MTA3		MT3	40		23.825	138
NT30-MTA4		MT4	48		31.267	212
NT40-MTA1		MT1	25		12.065	143
NT40-MTA2	40	MT2	32	44.45	17.780	143
NT40-MTA3		MT3	40		23.825	158
NT40-MTA4		MT4	48		31.267	188
NT40-MTA5		MT5	61		44.399	273
NT50-MTA1	50	MT1	25	69.85	12.065	172
NT50-MTA2		MT2	32		17.780	187
NT50-MTA3		MT3	40		23.825	192
NT50-MTA4		MT4	48		31.267	197
NT50-MTA5		MT5	61		44.399	232

DHC-086

DIN2080 NT DRILL CHUCK ARBOR

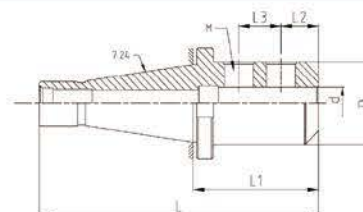


(mm)

Model	L	L1	d (Clamping Range)	D	R1	R2
NT30-APU08-80	148.4	80	0.5-8	37	0.08	0.12
NT30-APU10-95	163.4	95	1-10	42		
NT30-APU13-105	173.4	105	1-13	49		
NT30-APU16-115	183.4	115	1-16	54		
NT40-APU13-115	208.4	115	1-13	49		
NT40-APU16-115	208.4	115	1-16	54		
NT50-APU13-100	226.8	100	1-13	49		
NT50-APU16-110	236.8	110	1-16	54		

DHC-088

DIN2080 NT SIDE LOCK TOOL HOLDER

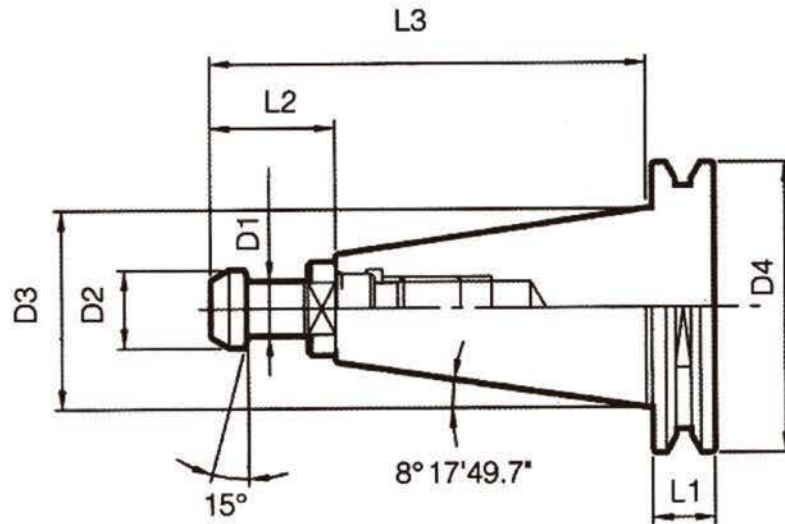


(mm)

Model	L	L1	L2	L3	d	D	M
NT30-SLN06-40	108.4	40	18	-	6	25	M6
NT30-SLN08-40	108.4	40	18	-	8	28	M8
NT30-SLN10-45	113.4	45	20	-	10	35	M10
NT30-SLN12-45	113.4	45	22.5	-	12	40	M12
NT30-SLN14-45	113.4	45	22.5	-	14	42	M12
NT30-SLN16-50	118.4	50	24	-	16	44	M16
NT30-SLN18-50	118.4	50	24	-	18	46	M16
NT30-SLN20-60	128.4	60	25	-	20	50	M16
NT30-SLN22-75	143.4	75	24	25	22	52	M16
NT40-SLN06-50	143.4	50	18	-	6	25	M6
NT40-SLN08-50	143.4	50	18	-	8	28	M8
NT40-SLN10-63	156.4	63	20	-	10	35	M10
NT40-SLN12-63	156.4	63	22.5	-	12	40	M12
NT40-SLN14-63	156.4	63	22.5	-	14	42	M12
NT40-SLN16-63	156.4	63	24	-	16	44	M16
NT40-SLN18-63	156.4	63	24	-	18	46	M16
NT40-SLN20-63	156.4	63	25	-	20	50	M16
NT40-SLN25-90	183.4	90	24	25	25	53	M16
NT40-SLN32-100	193.4	100	24	28	32	61	M16
NT40-SLN40-90	183.4	90	30	32	40	73	M16
NT40-SLN40-120	213.4	120	30	32	40	73	M16
NT50-SLN06-50	176.8	50	18	-	6	25	M6
NT50-SLN08-50	176.8	50	18	-	8	28	M8
NT50-SLN10-63	189.8	63	20	-	10	35	M10
NT50-SLN12-63	189.8	63	22.5	-	12	40	M12
NT50-SLN14-63	189.8	63	22.5	-	14	42	M12
NT50-SLN16-63	189.8	63	24	-	16	44	M16
NT50-SLN18-63	189.8	63	24	-	18	46	M16
NT50-SLN20-63	189.8	63	25	-	20	50	M16
NT50-SLN25-90	216.8	90	24	25	25	53	M16
NT50-SLN32-100	226.8	100	24	28	32	61	M16
NT50-SLN40-120	246.8	120	30	32	40	80	M16

Taper Standard

ISO



Material: Alloyed case harden steel, black finished and precision grinding

Taper tolerance: <AT3

Hardness: HRC56-58

Carbon depth: 0.8mm ± 0.2mm

Max run out: <0.005mm

Surface roughness: Ra<0.005mm

Cooling AD+B type can be customized.

When order, please specify balancing G6.3 or G2.5

Shank body standard: ISO

(mm)

Model	D1	D2	D3	D4	L1	L2	L3
ISO20	6	9	22.225	33	8	12	45.3
ISO25	7	10	25.4	37	8	16	55.7
ISO30	9	13	31.75	50	15.9	24	71.8

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

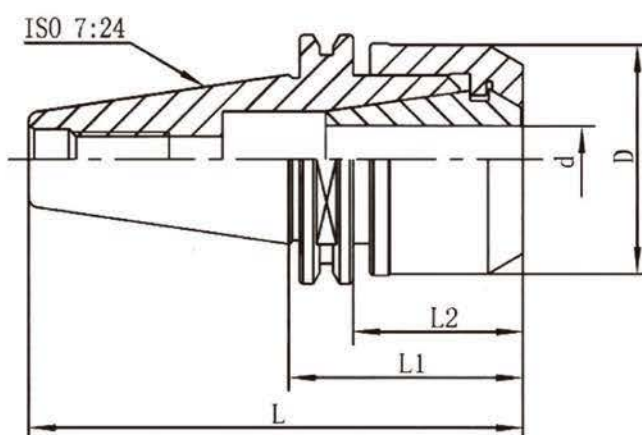
ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-090

ISO GER MILLING CHUCK ARBORS



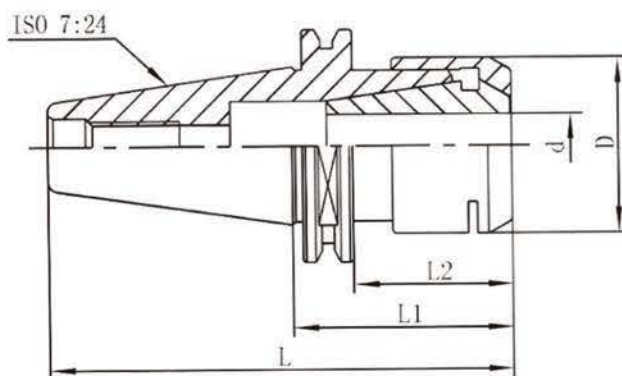
(mm)

Model		L	L1	L2	D	d(Clamping Range)
ISO20	GER16-35	68.3	35	26.2	22	1~10
	GER20-35	74.7	35	26.2	28	1~13
ISO30	GER16-60	107.8	60	40.9	22	1~10
	GER20-60	107.8	60	40.9	28	1~13
	GER32-42	89.8	42	22.9	48	3~20
	GER32-60	107.8	60	40.9	48	3~20

The clamping nut is non eccentric, with characters of low noise, weak wind resistance

DHC-092

ISO HIGH SPEED MILLING CHUCK ARBORS



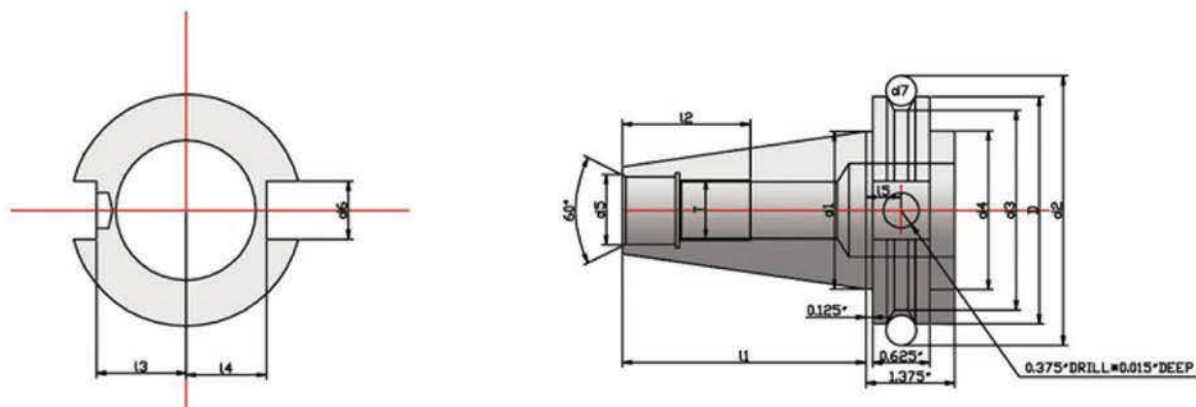
1. The clamping nut is featured of low noise, weak wind resistance
2. When turn the clamping nut, should use the corresponding spanners

(mm)

Model		L	L1	L2	D	d(Clamping Range)
ISO20	ER16-35MS	68.3	35	26.2	22	1~10
ISO25	ER16-35MS	74.7	35	26.2	22	1~10
	ER20-35MS	74.7	35	26.2	28	1~13
ISO30	ER16-60MS	107.8	60	40.9	22	1~10
	ER20-60MS	107.8	60	40.9	28	1~13
	ER25-42MS	89.8	42	22.9	35	3~16

Taper Standard

ANSI B5.50



Material: Alloyed case harden steel, black finished and precision grinding

Taper tolerance: <AT3

Hardness: HRC56–58

Carbon depth: 0.8mm ± 0.2mm

Max run out: <0.005mm

Surface roughness: Ra<0.005mm

Cooling AD+B type can be customized.

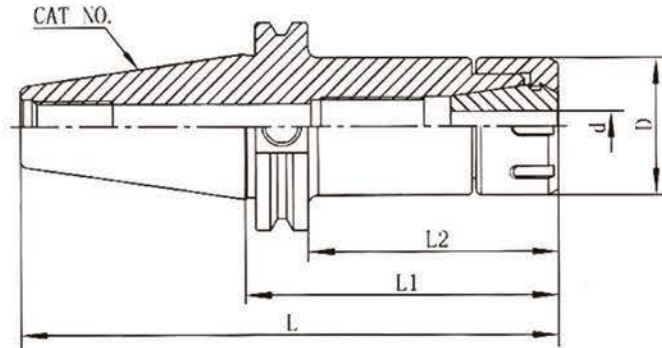
When order, please specify balancing G6.3 or G2.5

Shank body standard: ANSI B5.50

Model	D	d1	d2	d3	d4	d5	d6	d7	l1	l2	l3	l4	l5	T
CAT30	1.812	1.25	2.176	1.531	1.25	0.516	0.645	0.2813	1.875	0.188	0.735	0.64	0.44	1/2–12
CAT40	2.500	1.75	2.863	2.219	1.75	0.641	0.645	0.2813	2.687	0.188	0.985	0.89	0.44	5/8–11
CAT50	3.875	2.75	4.238	3.594	2.75	1.031	1.020	0.2813	4.000	0.250	1.485	1.39	0.44	1–8

DHC-094

CAT MILLING CHUCK ARBORS



1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(in)

Model		L	L1	L2	D	D (Clamping range)
CAT40	ER16-2.76"	5.447"	2.76"	2.01"	1.102"	1/32-3/8
	ER16-4.0"	6.687"	4.0"	3.25"	1.102"	1/32-3/8
	ER20-2.76"	5.447"	2.76"	2.01"	1.338"	1/16-1/2
	ER20-4.0"	6.687"	4.0"	3.25"	1.338"	1/16-1/2
	ER25-2.76"	5.447"	2.76"	2.01"	1.653"	1/16-5/8
	ER25-4.0"	6.687"	4.0"	3.25"	1.653"	1/16-5/8
	ER32-2.76"	5.447"	2.76"	2.01"	1.968"	3/32--25/32
	ER32-4.0"	6.687"	4.0"	3.25"	1.968"	3/32--25/32
	ER40-4.0"	6.687"	4.0"	3.25"	2.48"	3/32-1
CAT50	ER16-4.0"	8.0"	4.0"	3.25"	1.102"	1/32-3/8
	ER20-4.0"	8.0"	4.0"	3.25"	1.338"	1/16-1/2
	ER25-4.0"	8.0"	4.0"	3.25"	1.653"	1/16-5/8
	ER32-4.0"	8.0"	4.0"	3.25"	1.968"	3/32-25/32
	ER40-4.0"	8.0"	4.0"	3.25"	2.48"	3/32/-1

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

ANSI B5.50
CAT TOOL HOLDER

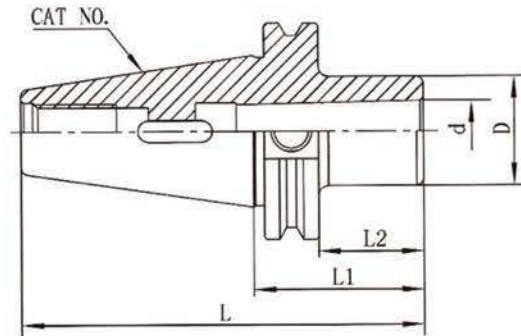
COLLET SERIES

OTHER
ACCESSORIES

DHC-096

CAT MORSE TAPER WITH TANG

1. The holder is made of high strength material with high wear resistance after special treatment
2. The outer taper shank is connected with CNC machine, and the inner taper shank is connected with different types of morse taper bit and morse taper arbor with flat tail
3. Balance according to customers' requirement



(in)

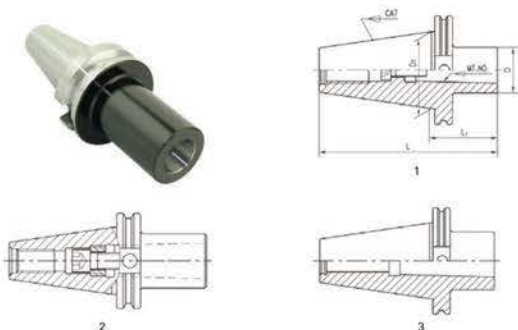
	Model	L	L1	L2	D	d
CAT40	MTA1-1.6"	4.287"	1.6"	0.85"	1"	0.475"
	MTA2-2.0"	4.687"	2.0"	1.25"	1.25"	0.7"
	MTA3-2.75"	5.437"	2.75"	2"	1.55"	0.938"
	MTA4-3.75"	6.437"	3.75"	3"	1.75"	1.23"
CAT50	MTA1-2.0"	6.0"	2.0"	1.25"	1"	0.475"
	MTA2-2.0"	6.0"	2.0"	1.25"	1.25"	0.7"
	MTA3-2.75"	6.75"	2.75"	2"	1.55"	0.938"
	MTA4-3.75"	7.75"	3.75"	3"	1.75"	1.23"
	MTA5-4.1"	8.1"	4.1"	3.35"	2.48"	1.748"

DHC-098

CAT MORSE TAPER WITH DRAWBAR

1. When the arbor be used, it is necessary to fix inner hex screw, standard knob and extension knob, please note when make order
2. Center cold and the flange water leakage type(AD/B) and common type to choose
3. Balance according to customers' requirement

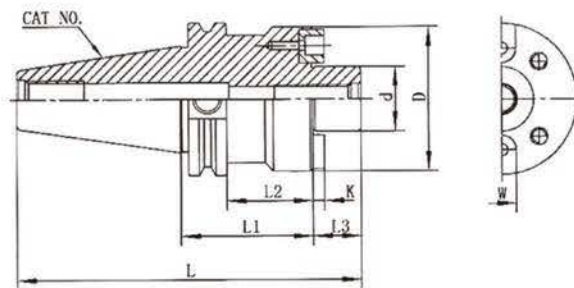
(mm)



Model	L	D	D1	Figure
CAT40 X MTB1-45	113.25	25	44.45	1
CAT40 X MTB2-60	128.25	32		1
CAT40 X MTB3-75	143.25	40		2
CAT40 X MTB3-90	158.25	40		2
CAT40 X MTB4-100	168.25	48		2
CAT50 X MTB2-60	161.6	31.75	69.85	1
CAT50 X MTB3-60	161.6	41.28		1
CAT50 X MTB4-90	191.6	50.8		2
CAT50 X MTB5-100	201.6	69.85		3

DHC-098

CAT FMA SHELL MILL ARBORS



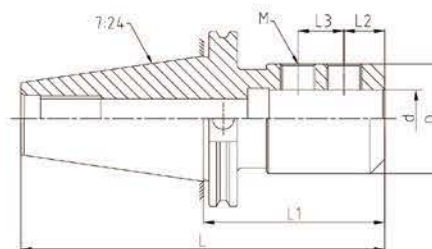
1. The holder is made of high strength material with high wear resistance after special treatment
2. Specially for CNC machine or machining center
3. Center cold and the flange water leakage type(AD/B) and common type to choose
4. Balance according to customers' requirement

(in)

Model		L	L1	L2	L3	d	D	K	W
CAT40	FMA1" -1.75"	4.437"	1.75"	3.867"	0.787"	1"	2.362"	0.178"	0.374"
	FMA1-1/4" -2.0"	4.687"	2.0"	4.117"	0.866"	1.25"	2.756"	0.264"	0.5"
	FMA1-1/2" -2.0"	4.687"	2.0"	4.117"	1"	1.5"	3.346"	0.349"	0.626"
CAT50	FMA1" -1.75"	5.75"	1.75"	5"	0.787"	1"	2.362"	0.178"	0.374"
	FMA1" -4.0"	8"	4.0"	7.25"	0.787"	1"	2.362"	0.178"	0.374"
	FMA1" -6.0"	10"	6.0"	9.25"	0.787"	1"	2.362"	0.178"	0.374"
	FMA1-1/4" -1.75"	5.75"	1.75"	5"	0.866"	1.25"	2.756"	0.264"	0.5"
	FMA1-1/4" -4.0"	8"	4.0"	7.25"	0.866"	1.25"	2.756"	0.264"	0.5"
	FMA1-1/4" -6.0"	10"	6.0"	9.25"	0.866"	1.25"	2.756"	0.264"	0.5"
	FMA1-1/2" -2.0"	6"	2.0"	5.25"	1"	1.5"	3.346"	0.349"	0.626"
	FMA1-1/2" -4.0"	8"	4.0"	7.25"	1"	1.5"	3.346"	0.349"	0.626"
	FMA2" -3.0"	7"	3.0"	6.25"	1"	2"	3.74"	0.384"	0.75"
	FMA1-7/8" -3.0"	7"	3.0"	6.25"	1"	1.875"	5.26"	0.49"	1"

DHC-100

CAT END MILL ADAPTER



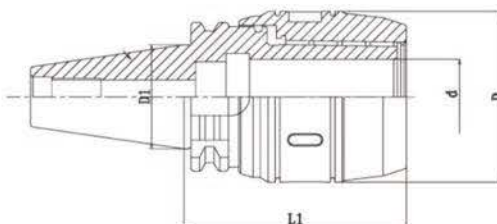
1. Toolholder shank reference standard: DIN69871
2. Aperture tolerance: H5
3. Rigid clamping for heavy cutting
4. The notch of the tool is aligned with the side fixing screw to lock it strongly when inserting

(mm)

Model	L	L1	L2	L3	d	D	M
CAT40-SLN1/8"-2-1/2"	131.8	2-1/2"	7.1	-	1/8"	17.5	3/16"-24
CAT40-SLN3/16"-2-1/2"	131.8	2-1/2"	14.3	-	3/16"	19	1/4"-28
CAT40-SLN1/4"-2-1/2"	131.8	2-1/2"	19.8	-	1/4"	20.6	1/4"-28
CAT40-SLN3/8"-2-1/2"	131.8	2-1/2"	19.8	-	3/8"	32	3/8"-24
CAT40-SLN1/2"-3"	144.5	3"	22.2	-	1/2"	44.4	7/16"-20
CAT40-SLN5/8"-3"	144.5	3"	23.8	-	5/8"	44.4	1/2"-20
CAT40-SLN3/4"-3"	144.5	3"	25.4	-	3/4"	44.4	5/8"-18
CAT40-SLN9/16"-3"	144.5	3"	25.4	-	9/16"	44.4	1/2"-20
CAT40-SLN1"-4"	169.9	4"	28.6	25.4	1"	55	3/4"-16
CAT40-SLN1-1/4"-6"	220.7	6"	28.6	25.4	1-1/4"	69.85	3/4"-16
CAT40-SLN1-1/2"-6"	220.7	6"	28.6	25.4	1-1/2"	79.8	3/4"-16
CAT50-SLN06-63	164.6	63	18	-	6	25	M6
CAT50-SLN08-63	164.6	63	18	-	8	28	M8
CAT50-SLN10-63	164.6	63	20	-	10	35	M10
CAT50-SLN12-80	181.6	80	22.5	-	12	40	M12
CAT50-SLN14-80	181.6	80	22.5	-	14	42	M12
CAT50-SLN16-80	181.6	80	24	-	16	44	M16
CAT50-SLN16-100	201.6	100	24	-	16	44	M16
CAT50-SLN18-80	181.6	80	24	-	18	46	M16
CAT50-SLN20-100	201.6	100	25	-	20	50	M16
CAT50-SLN25-100	201.6	100	24	25	25	53	M16
CAT50-SLN32-100	201.6	100	24	28	32	61	M16
CAT50-SLN32-110	211.6	110	24	28	32	61	M16
CAT50-SLN1-1/2"-4"	203.2	4"	28.6	25.4	1-1/2"	79.8	3/4"-16
CAT50-SLN1-1/4"-4-1/8"	206.4	4-1/8"	28.6	25.4	1-1/4"	69.9	3/4"-16
CAT50-SLN1-1/4"-4"	203.2	4"	28.6	25.4	1-1/4"	69.9	3/4"-16
CAT50-SLN7/8"-3-3/4"	196.9	3-3/4"	27	22.2	7/8"	52	5/8"-18
CAT50-SLN3/4"-80	181.6	80	25.4	-	3/4"	44.4	5/8"-18
CAT50-SLN3/4"-3-3/4"	196.9	3-3/4"	25.4	-	3/4"	44.4	5/8"-18
CAT50-SLN5/8"-3-3/4"	196.9	3-3/4"	23.8	-	5/8"	44.4	1/2"-20
CAT50-SLN1/2"-4"	203.2	4"	22.2	-	1/2"	44.4	7/16"-20
CAT50-SLN3/8"-4-1/2"	215.9	4-1/2"	19.8	-	3/8"	32	3/8"-24
CAT50-SLN3/8"-2.5"	165.1	2.5"	19.8	-	3/8"	32	3/8"-24
CAT50-SLN3/16"-1.75"	146.1	1.75"	14.3	-	3/16"	19	1/4"-28

DHC-102

CAT POWER MILLING CHUCK



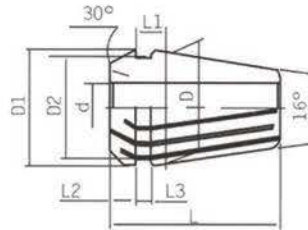
1. Six holes are processed into the inner hole to prevent the tool from rotating and increase the clamping force
2. The needle roller bearing cage is made of special materials to extend service life and enhance the clamping force
3. Large clamping force and high positioning accuracy
4. Suitable for powerful cutting

(inch)

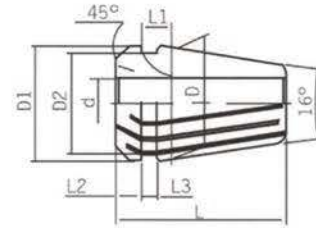
Model	d	D	L	Collet
CAT40-SC3/4"-4"	3/4"	50	4"	SC3/4"
CAT40-SC1"-4"	1"	59	4"	SC1"
CAT40-SC1-1/4"-4"	1-1/4"	68	4"	SC1-1/4"
CAT50-SC3/4"-4"	3/4"	50	4"	SC3/4"
CAT50-SC1"-4"	1"	59	4"	SC1"
CAT50-SC1-1/4"-4"	1-1/4"	70	4"	SC1-1/4"

DHC-104

ER SERIES COLLET WITH STANDARD DIN6499B



ER11-ER50

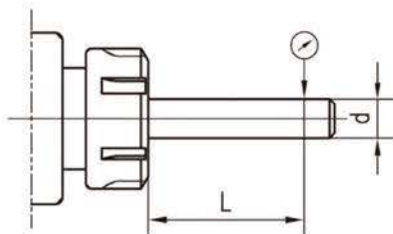


ER8

- ◆ Material: 65Mn
- ◆ Hardness: HRC45-48
- ◆ Accuracy: 0.015mm, 0.008mm and 0.005mm
- ◆ Used for boring, milling, grinding and other operations

(mm)

Model	dH7	D	D1	D2	L	L1	L2	L3	Collapsible capacity
ER8	$\geq 1.0-5.0$	8	8.45	6.5	13.5	2.98	1.5	1.2	0.5
ER11	$> 1.0-7.0$	11	11.5	9.5	18.0	3.8	2.5	2.0	0.5
ER16	$\geq 1.0-2.5$	16	17	13.8	27.5	6.26	4.0	2.7	0.5
	$> 2.5-10.0$	16	17	13.8	27.5	6.26	4.0	2.7	1.0
ER20	$\geq 1.0-2.5$	20	21	17.4	31.5	6.36	4.8	2.8	0.5
	$> 2.5-13.0$	20	21	17.4	31.5	6.36	4.8	2.8	1.0
ER25	$\geq 1.0-2.5$	25	26	22.0	34.0	6.66	5.0	3.1	0.5
	$> 2.5-16.0$	25	26	22.0	34.0	6.66	5.0	3.1	1.0
ER32	$\geq 2.0-2.5$	32	33	29.2	40.0	7.16	5.5	3.6	0.5
	$> 2.5-20.0$	32	33	29.2	40.0	7.16	5.5	3.6	1.0
ER40	$\geq 3.0-26.0$	40	41	36.2	46.0	7.66	7.0	4.1	1.0
ER50	$\geq 6.0-10.0$	50	52	46.0	60.0	12.6	8.5	5.5	1.0
	$> 10.0-34.0$	50	52	46.0	60.0	12.6	8.5	5.5	1.2



Inspection of Accuracy

D	L	Run out tolerance				
		A	B	C	I	II
1.0-1.6	6	0.005	0.008	0.010	0.010	0.015
$> 1.6-3.0$	10					
$> 3.0-6.0$	16					
$> 6.0-10.0$	25				0.015	0.020
$> 10.0-18.0$	40					
$> 18.0-26.0$	50					
$> 26.0-30.0$	60	0.005	0.008	0.010	0.020	0.030
$> 30.0-34.0$	80					

DHC-106

ER MILLING COLLET SET



- ◆ Collet set can be packed by collets only by aluminium plastic box,
- ◆ Can also be packed with tool holders, spanner as a set

Model	Hole Size		Pcs/Set	Shank
	in	mm		
ER16-8in(mm)	3/32, 1/8, 3/16, 7/32, 1/4, 5/16, 11/32, 3/8	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	8/10	R8 MT2-MT6
ER25-10in(mm)	3/32, 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	10/15	NT30 NT40 NT50 C8 C10 C12 C16 C20 C25 C32 C40 1/2" Str. Sh 5/8" Str. Sh 3/4" Str. Sh
ER32-12in(mm)	3/32, 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	12/18	
ER40-15in(mm)	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26	15/24	1" Str. Sh 1-1/4" Str. Sh

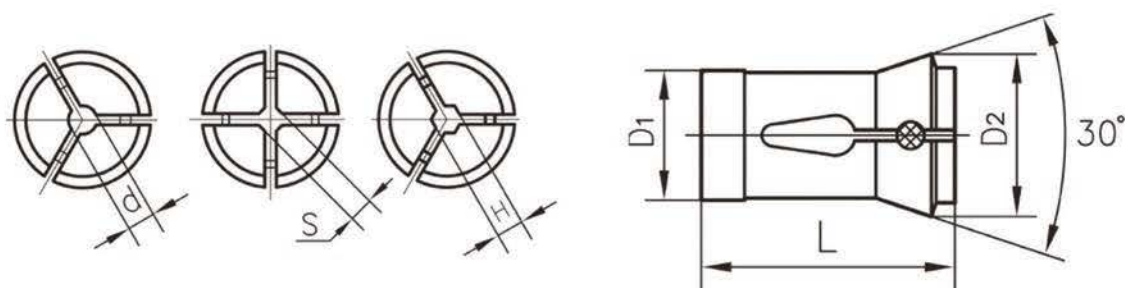
Thread of draw bar

Taper of collet chuck	Thread of draw bar	
R8	7/16" -20UNF	
7:24 30	M12 x 1.75	1/2" -13UNC
7:24 40	M16 x 2.0	5/8" -11UNC
7:24 50	M24 x 3.0	1" -8UNC
MT2	M10 x 15	3/8" -16UNC
MT3	M12 x 1.75	1/2" -13UNC
MT4	M16 x 2.0	5/8" -11UNC
MT5	M20 x 2.5	3/4" -10UNC

DHC-108

DIN6343 CLAMPING COLLET

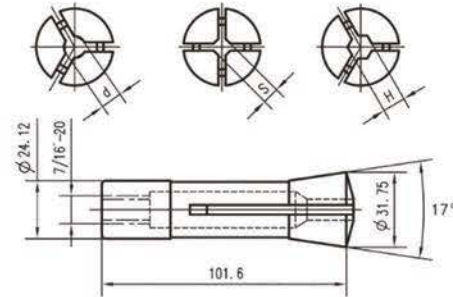
- ◆ Material: 65Mn
- ◆ After quenching, through cryogenic treatment, the products performance is stable
- ◆ Used for all sorts of automatic lathes, turret lathes



Model	D1(mm)	D2(mm)	L(mm)	Hole size(mm)			Wt(kg)
				Round	Square	Hex	
DIN6343-F17.5	17.5	22	51	13	8	10	0.05
DIN6343-F22	22	30	55	16	11	13	0.09
DIN6343-F27	27	38	72.7	22	15	19	0.10
DIN6343-F28	28	38	70	22	15	19	0.12
DIN6343-F32	32	45	75	26	18	22	0.27
DIN6343-F35	35	48	80	30	21	26	0.35
DIN6343-F42	42	55	94	36	25	30	0.49
DIN6343-F48	48	60	94	42	29	36	0.57
DIN6343-F56	56	68	94	50	35	42	0.65
DIN6343-F66	66	84	110	60	42	52	1.16

DHC-110

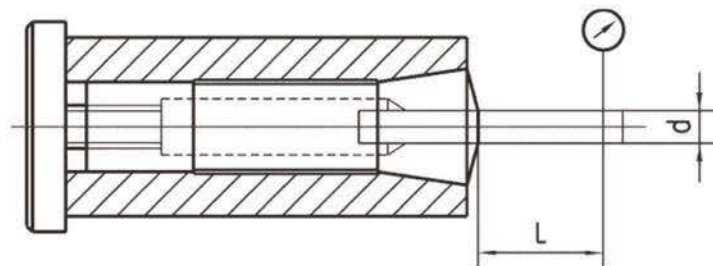
R8 COLLET



- ◆ Material: 65Mn
- ◆ Hardness: HRC45-48
- ◆ Used for lathes which with the spindle of R8

Model	Type	Clamping range		Wt(Kg)
		Metric (mm)	Inch(in)	
R8-01-D	Round	1-20	1/16-7/8	0.24kg
R8-02-S	Square	3-13	1/8-1/2	0.24kg
R8-03-H	Hex	3-16	1/8-5/8	0.24kg

Inspection of accuracy



d		L	Run out	
Metric(mm)	Inch(in)	mm	Inch(in)	Metric(mm)
1-1.6	1/32-1/16	6.35	0.0005	0.013
>1.6-3	>1/16-1/8	12.7	0.0005	0.013
>3-10	>1/8-3/8	25.4	0.0005	0.013
>10-16	>3/8-5/8	38.1	0.0005	0.013
>16-20	>5/8-7/8	50.8	0.0005	0.013

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

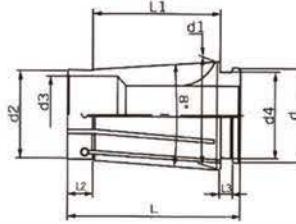
ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-112

SK HIGH SPEED COLLET

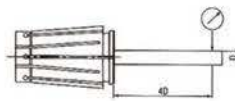


- ◆ Material: 65Mn
- ◆ Hardness: HRC45-48
- ◆ Usage for boring, milling, grinding and other operations

Model	d	d1	d2	d3	d4	L	L1	L2	L3
SK06	8.9(8.6)	10.5	7.5	6	7.8	25	17.5	3.5	2.5
SK10	13.7 (13.1)	15.6	12	10	12	30.5	22	5	2.3
SK13	18.5	20.1	17	13	15	39	28	5	2.5
SK16	21.3(20.6)	24.6	18.8	16	19	45	32	8	2.8
SK20	26.5	30	24	20	23	50	42	8	2.8
SK25	31.1(29.9)	35.6	28.8	25.4	28.2	57	43	8.5	2.9

CSK06		CSK10		CSK13		CSK16		CSK20		CSSK25	
Model	Range	Model	Range	Model	Range	Model	Range	Model	Range	Model	Range
CSK06-2	2-1.75	CSK10-2	2-1.75	CSK13-3	3-2.75	CSK16-3	3-2.75	CSK20-4	4-3.5	CSK25-6	6-6.5
CSK06-2.5	2.5-2.25	CSK10-2.5	2.5-2.25	CSK13-3.5	3.5-3	CSK16-3.175	3.175-2.7	CSK20-4.5	4.5-4	CSK25-8	8-7.5
CSK06-3	3-2.75	CSK10-3	3-2.75	CSK13-4	4-3.5	CSK16-3.5	3.5-3	CSK20-5	5-4.5	CSK25-10	10-9.5
CSK06-3.5	3.5-3	CSK10-3.175	3.175-2.7	CSK13-4.5	4.5-4	CSK16-4	4-3.5	CSK20-5.5	5.5-5	CSK25-12	12-11.5
CSK06-4	4-3.5	CSK10-3.5	3.5-3	CSK13-5	5-4.5	CSK16-4.5	4.5-4	CSK20-6	6-5.5	CSK25-14	14-13.5
CSK06-4.5	4.5-4	CSK10-4	4-3.5	CSK13-5.5	5.5-5	CSK16-5	5-4.5	CSK20-6.5	6.5-6	CSK25-16	16-15.5
CSK06-5	5-4.5	CSK10-4.5	4.5-4	CSK13-6	6-5.5	CSK16-5.5	5.5-5	CSK20-7	7-6.5	CSK25-16.5	16.5-16
CSK06-5.5	5.5-5	CSK10-5	5-4.5	CSK13-6.5	6.5-6	CSK16-6	6-5.5	CSK20-7.5	7.5-7	CSK25-17	17-16.5
CSK06-6	6-5.5	CSK10-5.5	5.5-5	CSK13-7	7-6.5	CSK16-6.5	6.5-6	CSK20-8	8-7.5	CSK25-17.5	17.5-17
		CSK10-6	6-5.5	CSK13-7.5	7.5-7	CSK16-7	7-6.5	CSK20-8.5	8.5-8	CSK25-18	18-17.5
		CSK10-6.5	6.5-6	CSK13-8	8-7.5	CSK16-7.5	7.5-7	CSK20-9	9-8.5	CSK25-18.5	18.5-18
		CSK10-7	7-6.5	CSK13-8.5	8.5-8	CSK16-8	8-7.5	CSK20-9.5	9.5-9	CSK25-19	19-18.5
		CSK10-7.5	7.5-7	CSK13-9	9-8.5	CSK16-8.5	8.5-8	CSK20-10	10-9.5	CSK25-19.5	19.5-19
		CSK10-8	8-7.5	CSK13-9.5	9.5-9	CSK16-9	9-8.5	CSK20-10.5	10.5-10	CSK25-20	20-19.5
		CSK10-8.5	8.5-8	CSK13-10	10-9.5	CSK16-9.5	9.5-9	CSK20-11	11-10.5	CSK25-20.5	20.5-20
		CSK10-9	9-8.5	CSK13-10.5	10.5-10	CSK16-10	10-9.5	CSK20-11.5	11.5-11	CSK25-21	21-20.5
		CSK10-9.5	9.5-9	CSK13-11	11-10.5	CSK16-10.5	10.5-10	CSK20-12	12-11.5	CSK25-21.5	21.5-20
		CSK10-10	10-9.5	CSK13-11.5	11.5-11	CSK16-11	11-10.5	CSK20-12.5	12.5-12	CSK25-22	22-21.5
				CSK13-12	12-11.5	CSK16-11.5	11.5-11	CSK20-13	13-12.5	CSK25-22.5	22.5-22
				CSK13-12.5	12.5-12	CSK16-12	12-11.5	CSK20-13.5	13.5-13	CSK25-23	23-22.5
				CSK13-13	13-12.5	CSK16-12.5	12.5-12	CSK20-14	14-13.5	CSK25-23.5	23.5-23
						CSK16-13	13-12.5	CSK20-14.5	14.5-14	CSK25-24	24-23.5
						CSK16-13.5	13.5-13	CSK20-15	15-14.5	CSK25-24.5	24.5-24
						CSK16-14	14-13.5	CSK20-15.5	15.5-15	CSK25-25	25-24.5
						CSK16-14.5	14.5-14	CSK20-16	16-15.5		
						CSK16-15	15-14.5	CSK20-16.5	16.5-16		
						CSK16-15.5	15.5-15	CSK20-17	17-16.5		
						CSK16-16	16-15.5	CSK20-17.5	17.5-17		
								CSK20-18	18-17.5		
								CSK20-18.5	18.5-18		
								CSK20-19	19-18.5		
								CSK20-19.5	19.5-19		
								CSK20-20	20-19.5		

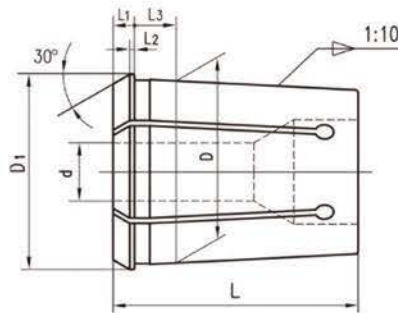
Inspection of accuracy



L	Run out tolerance	
	Standard	Precise
4 x D	≤ 0.008	≤ 0.005

DHC-114

DIN6388A EOCA(OZ) COLLET



- ◆ Adopts high strength material, after quenching, through cryogenic treatment, performance makes stable, wear resistance and durable
- ◆ High clamping force, high precision
- ◆ Usage for boring, milling, grinding and other operations

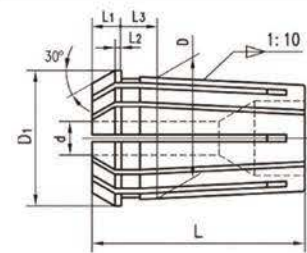
(mm)

Model	D	D1	d	L	L1	L2	L3
EOC6A	10	11.5	1-6	21	3.5	0.5	4
EOC8A	12.65	14.5	1-8	26	4	0.8	4.5
EOC10A	15.15	17.2	1-10	30	4.5	0.8	4.5
EOC12A	17.75	19.8	1-12	34	5	1.1	4.5
EOC16A	22.65	25.5	2-16	40	5.5	1.2	5.5
EOC20A	27.4	29.8	2-20	45	6	1.35	6
EOC25A	32.9	35.05	2-25	52	6	1.4	6
EOC32A	41.3	43.7	4-32	60	6	1.45	7
EOC40A	49.7	52.2	6-40	68	6	1.45	8
EOC50A	61.1	63.8	8-50	80	7	1.55	9

DHC-116

DIN6388B EOCB(OZ) COLLET

- ◆ Adopts high strength material, after quenching, through cryogenic treatment, performance makes stable, wear resistance and durable
- ◆ Clamping force is large, clamping range is wide, belongs to the high precision spring chuck
- ◆ Max clamping range: 0.5mm

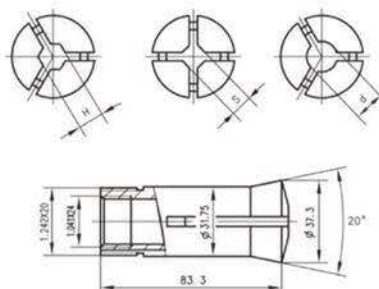


(mm)

Model	D	D1	d	L	L1	L2	L3
EOC16B	22.65	25.5	2-16	40	5.5	1.2	9.5
EOC20B	27.4	29.8	2-20	45	6	1.35	10
EOC25B	32.9	35.05	2-25	52	6	1.4	10
EOC32B	41.3	43.7	4-32	60	6	1.45	11
EOC40B	49.7	52.2	6-40	68	6	1.45	12
EOC50B	61.1	63.8	8-50	80	7	1.55	13

DHC-118

5C COLLET

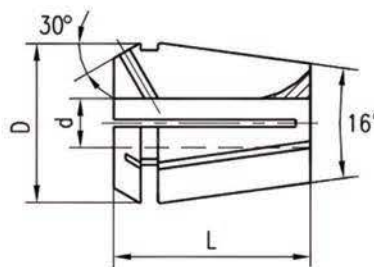


- ◆ Material: 65Mn
- ◆ Hardness: HRC45-48
- ◆ Type: Round, square and hex
- ◆ Used for all sorts of CNC lathe, automatic lathes, etc

Order No.	Model	Clamping Range		Wt(Kg)
		mm	in	
5C-01-D	Round	1-28	1/32- 1-1/8	0.24
5C-02-S	Square	3-19	1/8-3/4	0.24
5C-03-H	Hex	3-22	1/8-7/8	0.24

DHC-120

ER SEALING COLLET

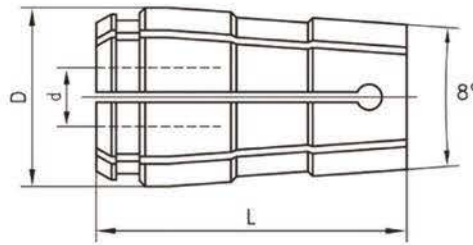


(mm)

Model	D	L	d
ER11C-d	11.50	18.00	2-7
ER16C-d	16.74	27.50	2-10
ER20C-d	20.74	31.50	2-13
ER25C-d	25.74	34.00	2-16
ER32C-d	32.74	40.00	2-20
ER40C-d	40.74	46.00	3-26

DHC-122

TG COLLET

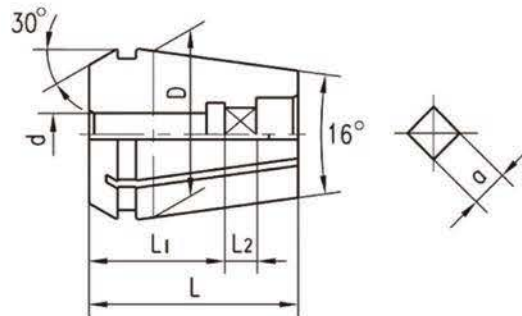


- ◆ Material: 65Mn
- ◆ Hardness: HRC45-48
- ◆ Model: TG75, TG100 and TG150

Model	L(mm)	D(mm)	d		Wt(Kg)
			mm	in	
TG75	46.9	27	1~20	1/16~25/32	0.10
TG100	60.5	35	1.5~25	1/16~1	0.23
TG150	76.2	50.8	2~40	3/32~1-9/16	0.60

DHC-124

ER TAPPING COLLET



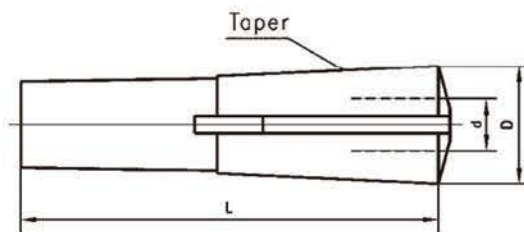
- ◆ Adopts high strength material, after quenching, through cryogenic treatment, performance makes stable, wear resistance and durable
- ◆ High clamping force, high precision
- ◆ Round front and square tail can effectively hold the tap, prevent the tap from slipping, improve efficiency

Model	ER16G-d	ER20G-d	ER25G-d	ER32G-d	ER40G-d
D	16	20	25	32	40
L	27.5	31.5	34	40	46
d	3.5-8	3.5-10	3.5-16	3.5-20	3.5-25

dxa	3.5x2.7	4.0x3.0	4.5x3.4	5.5x4.3	6.0x4.9	7.0x5.5
	8.0x6.2	9.0x7.0	10x8.0	11x9.0	12x9.0	14x11
	16x12	18x14.5	20x16	22x18	25x20	

DHC-126

TAPER COLLET



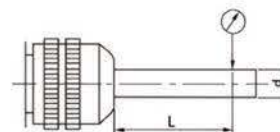
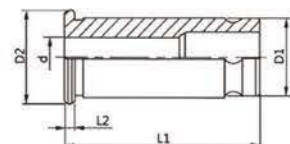
Model		JMT1-d	JMT2-d	JMT3-d	JMT4-d	J7B&S-d	J9B&S-d
Taper		MT1	MT2	MT3	MT4	B&S7	B&S9
d Hole size	in	1/16-5/16	1/8-1/2	1/8-3/4	1/8-1	1/8-1/2	1/8-3/4
	mm	2-8	2-12	3-20	3-25	2-12	3-20
D(mm)		12.2	18	24.1	31.5	18.4	27.08
L(mm)		57	68	86	108	79.4	105
Wt(Kg)		0.05	0.08	0.10	0.38	0.096	0.32

DHC-128

STRAIGHT SHANK COLLET

- ◆ Material: 65Mn
- ◆ Hardness: HRC45-48

d	L	Run out tolerance(mm)		
		Common	Standard	Precise
<10	30	0.015	0.01	0.005
≥ 10-20	50	0.015	0.01	
>20	80	0.02	0.01	

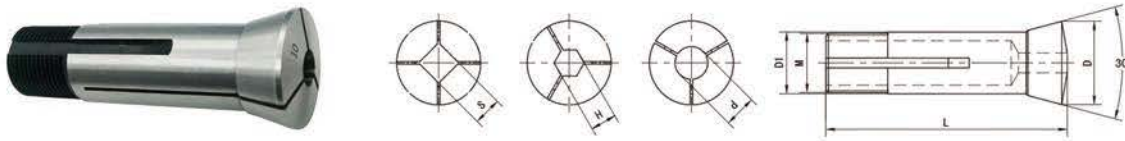


(mm)

Model	D1	D2	d	L1	L2
C16	16	20	3,4,5,6,8,10,12	47	2
C20	20	23.5	3,4,5,6,8,10,12,14,16	50	2.5
C22	22	26	3,4,5,6,8,10,12,14,16	55	3.5
C25	25	30	3,4,5,6,8,10,12,14,16,18,20	60	2.5
C32-65	32	36	3,4,5,6,8,10,12,14,15,16,18,20,22,24,25	65	4
C32-70	32	37.5	3,4,5,6,8,10,12,14,16,18,20,25	70	2.5
C32-73	32	37	3,4,5,6,8,10,12,14,16,18,20,25	73	4
C42	42	48	3,4,5,6,8,10,12,14,16,18,20,22,24,25,28,30,32	78	4
C40	40	44	6,8,10,12,14,16,18,20,25,28,30,32	78	4
SSC20	20	25	3,4,5,6,8,10,12,14,16	55	5
SSC25	25	28	3,4,5,6,8,10,12,14,16,18,20	60	5
SSC32	32	36	3,4,5,6,8,10,12,14,16,18,20,25	65	5
SSC42	42	45	3,4,5,6,8,10,12,14,16,18,20,25,28,30,32	70	5

DHC-130

W COLLET

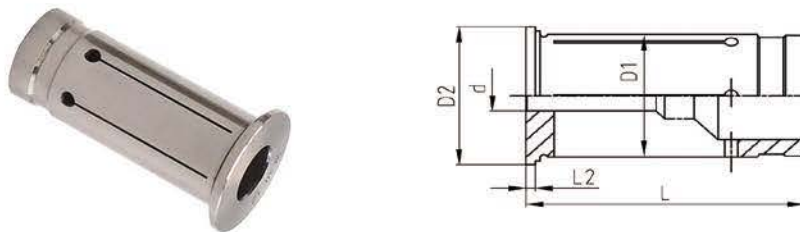


- ◆ Side locking tool holder with high clamping force
- ◆ High clamping force, long lasting durability
- ◆ Used for milling machines, step turning machines, lathes, 5-axis tool grinders etc.

Model	D	D1	L	M	Hole Size		
					Round	Square	Hex
W12	16	12	46	S11.75*1.25	1-12	2-5.5	2-7
W20	26.3	20	73	S19.7*1.667	1-20	2-10	2-12
W25	33.7	25	97.6	S24.7*15	2-22	2-13	2-16

DHC-132

HYDRAULIC COLLET



- ◆ Made of 65Mn materia, hardness is HRC44-48
- ◆ Precision grinding of internal and external surfaces making stable clamping
- ◆ Used for clamping cutting tools in milling machines, drilling machines, tapping machines, engraving machines, CNC spindles, etc

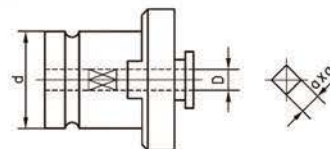
Model	d	D1	D2	L1	L2
HC12	3-10	12	16.5	47	2
HC20	3-16	20	24	52.5	2
HC25	6-20	25	29	56.5	2
HC32	6-25	32	35.5	62.5	2

DHC-134

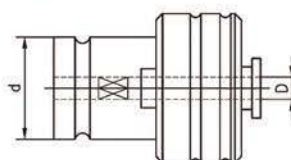
J45 TAPPING COLLET



I Type



II Type



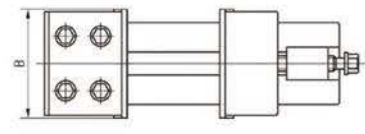
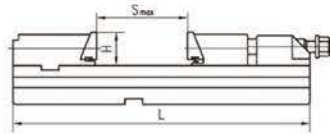
(mm)

Model D X a	d		DIN371	DIN374	DIN376
3.5X2.7	19	31	M3	M5	M5
4X3			M3.5		M5.5
4.5X3.4			M4	M6	M6
6X4.9			M5 M6	M8	M8
7X5.5			M7	M10	M9 M10
8X6.2			M8		M11
9X7	48	31	M9	M12	M12
10X8			M10		
11X9			M11	M14	M14
12X9			M12	M16	M16
14X11				M18	M18
16X12				M20	M20
18X14.5				M22 M24	M22 M24
20X16				M27	M27
22X18				M30	M30
25X20				M33	M33
28X22				M36	M36

- ◆ With overload protection device inside the chucks torque adjustable.
- ◆ Show the specification in the order, with diameter of shank in the form as 19-3.5 X 2.7- II

DHC-136

PRECISION MODULAR VISE



- ◆ Material: 20CrMnTi
- ◆ Hardness: HRC58-62
- ◆ Parallelism 0.015mm/100mm, squareness 0.015mm
- ◆ Equipped with interchangeable base, fixed/movable jaws it is quickly to clamp.
- ◆ Used for machining center and other precision machine tools.

Model	B (mm)	H (mm)	Smax (mm)	L (mm)	Clamping Force (Kg)
GT100- I	100	30	100	270	3000
GT125- I	125	40	150	345	3000
GT150A- I	150	50	200	420	5000
GT150B- I	150	50	300	520	5000
GT150C- I	150	50	400	620	5000
GT175A- I	175	60	200	455	6000
GT175B- I	175	60	300	555	6000
GT175C- I	175	60	400	655	6000
GT175D- I	175	60	500	755	6000
GT175E- I	175	60	600	855	6000
GT200A- I	200	65	200	495	10000
GT200B- I	200	65	300	595	10000
GT200C- I	200	65	400	695	10000
GT200D- I	200	65	500	795	10000
GT200E- I	200	65	600	895	10000
GT300A- I	300	80	200	535	12000
GT300B- I	300	80	300	635	12000
GT300C- I	300	80	400	735	12000
GT300D- I	300	80	500	835	12000
GT300E- I	300	80	600	935	12000
GT300F- I	300	80	700	1035	12000
GT300G- I	300	80	800	1135	12000

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

4HSI B5-50
CAT TOOL HOLDER

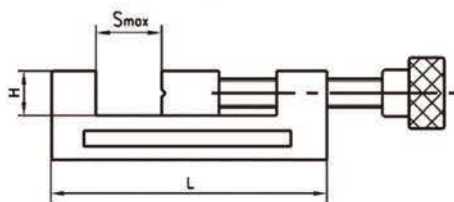
COLLET SERIES

OTHER
ACCESSORIES

DHC-138

QGG PRECISION TOOL VISE

- ◆ Material: 20CrMnTi
- ◆ Hardness: HRC58-62
- ◆ Parallelism 0.005mm/100mm, squareness 0.005mm
- ◆ Used for precision measurement and inspection precision grinding, EDM and wire-cutting machine

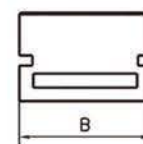
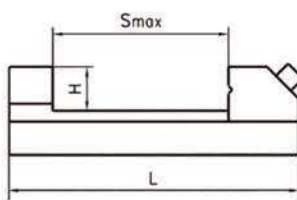


(mm)

Model	B	H	S-max	L	Wt(Kg)
QGG50	50	25	65	155	3.0
QGG60	60	25	55	110	2.4
QGG63	63	32	85	190	3.8
QGG73	73	35	100	210	5.0
QGG80	80	40	100	220	6.5
QGG88	88	40	125	250	11.0
QGG100	100	45	125	260	13.0
QGG125	125	50	160	300	19.5
QGG125A	125	50	210	350	23.0
QGG150	150	50	175	315	23.8

DHC-140

QKG PRECISION TOOL VISE

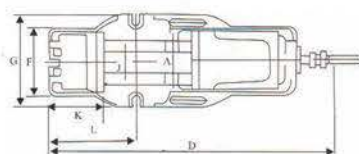
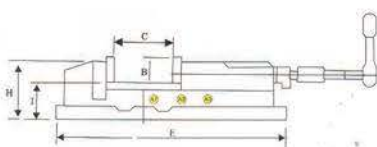


(mm)

Model	B	H	S-max	L	Wt(Kg)
QKG25	26	9.15	22	65.4	0.5
QKG36	36	20	40	100	1.2
QKG38	38	20	44	105	1.3
QKG50	50	25	65	140	2.0
QKG63	63	32	85	175	3.0
QKG73	73	35	100	190	4.1
QKG80	80	40	100	200	5.5
QKG88	88	40	125	235	7.3
QKG100	100	45	125	245	10.0
QKG125	125	50	160	285	18.0
QKG150	150	50	200	330	21.5
QKG150A	150	50	250	380	23.0
QKG150B	150	50	300	430	24.0

DHC-142

HYDRAULIC VISE

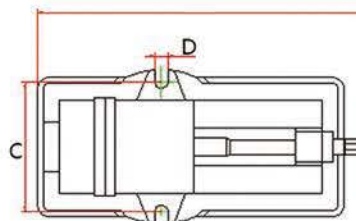
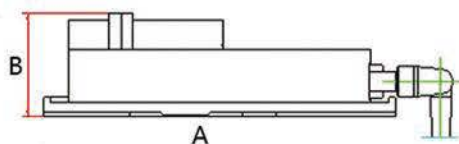


Model	A	B	C	D	E	F	G	H	I	J	K	L	Clamping Force (KG)	N.W.
4"	100	36	170	525	430	130	160	94	60	78	100	155	2500	16KG
5"	125	46	220	670	540	165	185	118	72	97	117	185	3500	33KG
6"	150	51	300	800	620	200	240	133	82	116	125	247	4500	54KG
8"	200	62	300	900	700	240	280	162	100	160	165	266	5500	90KG

DHC-144

ANGLE FIXED MILLING VISE

- ◆ Material: iron cast
- ◆ Application: lathe machine, drilling machine
- ◆ Model: 4", 5", 6", 8"



Model	Width (mm)	Height (mm)	Max Opening (mm)	Weight (Kg)
4"	100	32	100	14
5"	125	40	125	21
6"	160	45	175	32
8"	200	50	230	50

DHC-146

VERTICAL HORIZONTAL TOOL HOLDER DEVICE



- ◆ Model: BT/DIN69871/CAT
- ◆ Can be used in vertical and horizontal
- ◆ Special material is used to protect the holder from scratch

Model	Taper of Tool Holder	Overall Dimension(mm)	Weight(Kg)
LD-BT30	BT30	205 X 98.5 X 128	3.70
LD-BT40	BT40	205 X 98.5 X 128	3.80
LD-BT50	BT50	275 X 150 X 198	11.40
LD-DT30	DIN69871 .30	205 X 98.5 X 128	3.70
LD-DT40	DIN69871 .40	205 X 98.5 X 128	3.80
LD-DT50	DIN69871 .50	275 X 150 X 198	11.40
LD-CAT30	CAT30	205 X 98.5 X 128	3.70
LD-CAT40	CAT40	205 X 98.5 X 128	3.80
LD-CAT50	CAT50	275 X 150 X 198	11.40

DHC-148

BEARING TOOL HOLDER DEVICE

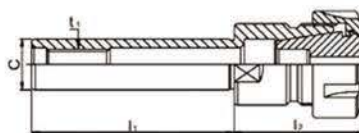
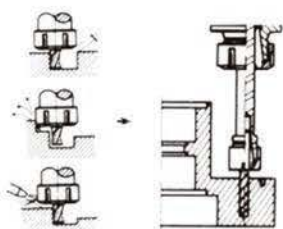
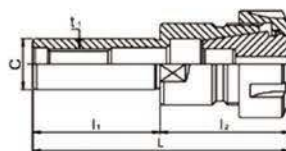


- ◆ Model: HSK/BT and ISO
- ◆ Type: bearing locking device
- ◆ Used for ball bearing locking and keywayless locking
- ◆ Special material is used to protect the holder from scratch

Type	For Spindle
HSK32	HSK32
HSK40	HSK40
HSK50	HSK50
HSK63	HSK63

DHC-150

C/ER STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE



(mm)

Model	C	L1	Weight(kg)
C10-ER11A-100	10	100	0.05
C12-ER11A-100	12	100	0.1
C12-ER11A-150	12	150	0.15
C16-ER11A-50	16	50	0.13
C16-ER11A-100	16	100	0.15
C16-ER11A-150	16	150	0.25
C16-ER16A-100	16	100	0.2
C16-ER16A-150	16	150	0.25
C16-ER16A-200	16	200	0.4
C16-ER16A-250	16	250	0.55
C20-ER16A-50	20	50	0.18
C20-ER16A-100	20	100	0.27
C20-ER16A-150	20	150	0.37
C20-ER16A-200	16	200	0.45
C20-ER20A-100	20	100	0.3
C20-ER20A-150	20	150	0.35
C20-ER20A-200	20	200	0.6
C20-ER25UM-100	20	100	0.41
C20-ER25UM-150	20	150	0.5
C20-ER25UM-200	20	200	0.7
C25-ER16A-100	25	100	0.45
C25-ER16A-150	25	150	0.56
C25-ER16A-200	25	200	0.4
C25-ER20A-100	25	100	0.46
C25-ER20A-150	25	150	0.58
C25-ER20A-200	25	200	0.7
C25-ER25UM-100	25	100	0.47
C25-ER25UM-150	25	150	0.58
C25-ER25UM-200	25	200	0.85
C25-ER32UM-100	25	100	0.6
C25-ER32UM-150	25	150	0.9
C25-ER40UM-100	25	100	1
C32-ER16A-100	32	100	0.4
C32-ER16A-150	32	150	0.45
C32-ER20A-100	32	100	0.55
C32-ER20A-150	32	150	0.6
C32-ER25UM-100	32	100	0.7
C32-ER25UM-150	32	150	0.8
C32-ER32UM-100	32	100	0.95
C32-ER32UM-150	32	150	1.3
C32-ER40UM-100	32	100	2.4
C40-ER32UM-100	40	100	1.7
C40-ER40UM-100	40	100	1.9

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

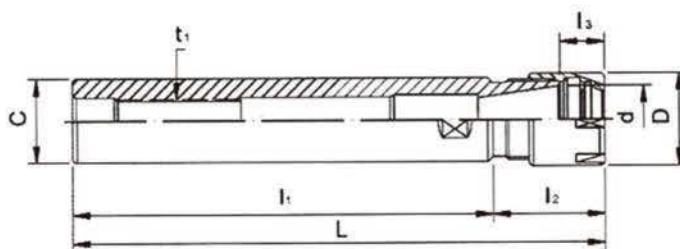
INTERNATIONAL
ISO TOOL HOLDER

4HSI B5-50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-152 C/ER STRAIGHT SHANK COLLET CHUCK AND EXTENSION TYPE(MINI CLAMPING NUT)

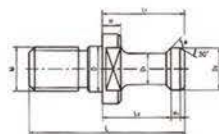


(mm)

Model		L	l2	l3	D	t1
C8	ER8M-55	79	24	6	12	M4 X 0.7
C10	ER8M-100	117	17			
	ER8M-150	167				
	ER8M-180	197				
C12	ER8M-55	72				
	ER8M-120	137				
	ER8M-180	197	16.6			
	ER11M-80	96.6				
C16	ER11M-50	66.6		6.6	16	M5 X 0.8
	ER11M-100	116.6				
	ER11M-140	156.6				
	ER16M-80	117				
C20	ER16M-100	125	25	10.6	22	M10 X 1.5
	ER16M-140	165				
	ER16M-160	185				
	ER20M-60	100	40	11.5	28	M12 X 1.75
	ER20M-100	140				
	ER20M-120	160				
	ER20M-150	190				
	ER20M-180	220				
C25	ER25M-100	150	50	12	35	
	C25	ER20M-140				

DHC-154

MAS403-1982 RETENTION KNOB

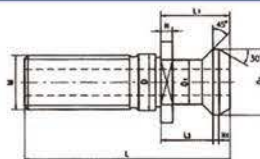


(mm)

Model	L	L1	L2	D	D1	D2	H	H1	M	θ		
BT30(θ)	43	23	18	12.5	7	11	5	2.5	M12	45°	60°	90°
BT40(θ)	60	35	28	17	10	15	6	3	M16	45°	60°	90°
BT50(θ)	85	45	35	25	17	23	10	5	M24	45°	60°	90°

DHC-156

MAZAK RETENTION KNOB

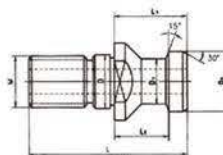


(mm)

Model	L	L1	L2	D	D1	D2	H	H1	M
MAZAK-BT40	44.10	19.10	14.02	17	12.45	18.8	3.05	1.52	M16
MAZAK-CT40	41.25	16.25	11.17	17	12.45	18.8	3.05	1.52	M16
MAZAK-BT50	65.20	25.20	17.7	25	20.83	28.96	5.05	2.54	M24

DHC-158

DIN69872-1988 RETENTION KNOB

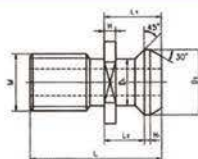


(mm)

Model	L	L1	L2	D	D1	D2	M
DT30	44	24	19	13	9	13	M12
DT40	54	26	20	17	14	19	M16
DT50	74	34	25	25	21	28	M24

DHC-160

ANSI/ASME B5.50-1985 RETENTION KNOB

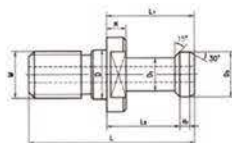


(mm)

Model	L	L1	L2	D1	D2	H	H1	M
CT30	27.94	11.68	8.13	9.78	13.21	2.54	1.01	1/2" -13
CT40	38.10	16.26	11.18	12.45	18.80	3.05	1.52	5/8" -11
CT50	58.42	25.4	17.78	20.83	28.96	5.08	2.54	1" -8

DHC-162

JIS B6339-1986 RETENTION KNOB

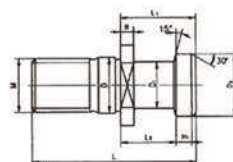


(mm)

Model	L	L1	L2	D	D1	D2	H	H1	M
JIS-30	43	23.4	18.4	12.5	8	12	5	3	M12
JIS-40	54	29	23	17	14	19	7	3	M16
JIS-50	74	34	25	25	21	28	7	5	M24

DHC-164

ISO/DIS7338-1984A RETENTION KNOB

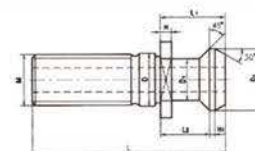


(mm)

Model	L	L1	L2	D	D1	D2	H	H1	M
ISO-30A	44	24	19	13	8	12	4	3	M12
ISO-40A	54	26	20	17	14	19	4	4	M16
ISO-50A	74	34	25	25	21	28	6	7	M24

DHC-166

ISO/DIS7338-1984B RETENTION KNOB

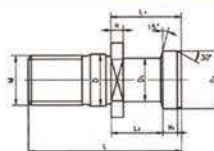


(mm)

Model	L	L1	L2	D	D1	D2	H	H1	M
ISO-30B	27	11.8	8.1	13	9.3	13.3	2.7	1.2	M12
ISO-40B	44.5	16.4	11.15	17	12.95	18.95	3.25	1.75	M16
ISO-50B	65.5	25.5	17.95	25	19.6	29.1	5.25	2.75	M24

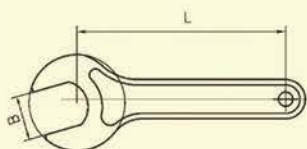
DHC-168

ISO ENGRAVING MACHINE RETENTION KNOB



(mm)

Model	L	L1	L2	D	D1	D2	H	H1	M
ISO20	26	12	9	8.5	6	9	3	1.4	M8
ISO25	32	16	11.6	9	7	10	3.5	2	M8
ISO30	45	24	19	13	9	13	4	2.5	M12



DHC-170

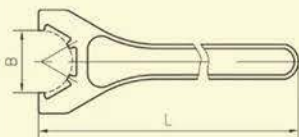
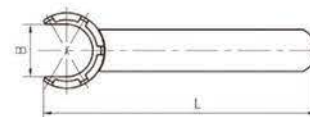
ER A HEX SPANNER

Model	B	L	Clamping Nut
ER11	17	110	ER11-A ER11-T1
ER16	25	120	ER16-A ER16-T1
ER20	30	130	ER20-A ER20-T1

DHC-172

ER MINI SPANNER

Model	B	L	Clamping Nut
ER8M	7.5	70	ER8-M
ER11M	11	90	ER11-M
ER16M	15	110	ER16-M
ER20M	19.5	120	ER20-M
ER25M	25	130	ER25-M



DHC-174

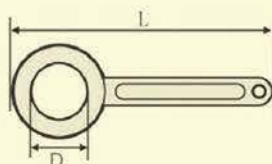
ER UM SPANNER

Model	B	L	Clamping Nut
ER25UM	37	210	ER25-B ER25-T2
ER32UM	45	250	ER32-B ER32-T2
ER40UM	58	290	ER40-B ER40-T2
ER50UM	72	350	ER50-B ER50-T2

DHC-176

ER HOOK SPANNER

Model	L	Size	Clamping Nut
ER25	168	38-42	ER25-B ER25-T2
ER32	190	45-52	ER32-B ER32-T2
ER40	210	55-63	ER40-B ER40-T2
ER50	240	78-85	ER50-B ER50-T2



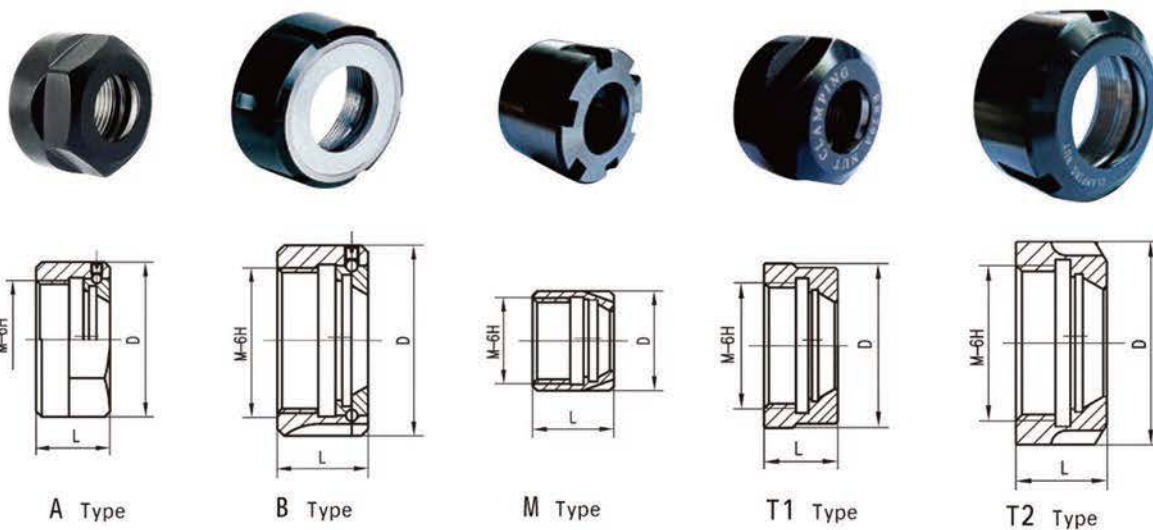
DHC-178

SK BALL SPANNER

Model	D	M
SK06	19.5	120
SK10	27.5	130
SK16	40	193
SK20	48	200
SK25	50	210

DHC-180

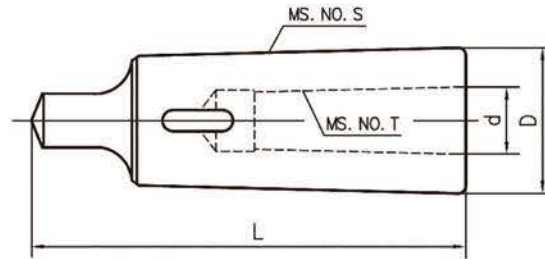
ER CLAMPING NUT



Model	Type	D	L	M	Wt(Kg)
ER16	A	27	19	M22 X 1.5	0.005
ER20	A	35	21	M25 X 1.5	0.01
ER25	A	40	22	M32 X 1.5	0.14
ER32	A	48	24	M40 X 1.5	0.20
ER8-M	M	12	12	M10 X 0.75	0.005
ER11-M	M	16	12	M13 X 0.75	0.01
ER16-M	M	22	18	M19 X 1	0.05
ER20-M	M	28	19	M24 X 1	0.05
ER25-M	M	35	20	M30 X 1	0.08
ER11-T1	T1	19	11.3	M14 X 0.75	0.005
ER16-T1	T1	28	17.5	M22 X 1.5	0.01
ER20-T1	T1	34	19	M25 X 1.5	0.05
ER25-T2	T2	42	20	M32 X 1.5	0.14
ER32-T2	T2	50	22.5	M40 X 1.5	0.20
ER40-T2	T2	63	25.5	M50 X 1.5	0.30
ER50-T2	T2	78	35.5	M64 X 2	0.50

DHC-182

DIN2185 MORSE TAPER SLEEVE

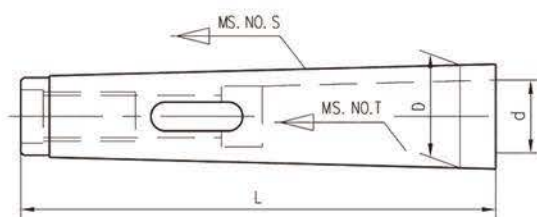


(mm)

Model	MS.NO. S	MS.NO. T	D	d	L	Wt(Kg)	Accuracy
B1-0	1	0	13	9.045	80	0.1	0.015
B2-1	2	1	18.6	12.065	9	0.1	0.015
B3-1	3	1	24.1	12.065	99	0.24	0.015
B3-2	3	2	24.7	17.78	112	0.12	0.015
B4-1	4	1	31.6	12.065	124	0.6	0.015
B4-2	4	2	31.6	17.78	124	0.5	0.015
B4-3	4	3	32.4	23.825	140	0.38	0.015
B5-1	5	1	44.7	12.065	156	1.59	0.02
B5-2	5	2	44.7	17.78	156	1.49	0.02
B5-3	5	3	44.7	23.825	156	1.36	0.02
B5-4	5	4	45.5	31.267	171	0.95	0.02
B6-1	6	1	63.8	12.065	218	3.84	0.02
B6-2	6	2	63.8	17.78	218	3.73	0.02
B6-3	6	3	63.8	23.825	218	3.85	0.02
B6-4	6	4	63.8	31.267	218	3.12	0.02
B6-5	6	5	63.8	44.399	218	1.95	0.02

DHC-184

MORSE TAPER SLEEVE (DRAWBAR TYPE)

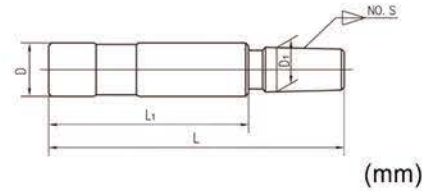


(mm)

Model	MS. NO. S	MS. NO. T	D	d	L	Accuracy
BM2-1	2	1	17.78	12.065	108.5	0.01
BM3-1	3	1	23.825	12.065	106	
BM3-2	3	2	23.825	17.78	116	
BM4-1	4	1	31.267	12.065	110	
BM4-2	4	2	31.267	17.78	120	
BM4-3	4	3	31.267	23.825	140	
BM5-1	5	1	44.399	12.065	136	0.02
BM5-2	5	2	44.399	17.78	136	
BM5-3	5	3	44.399	23.825	148	
BM5-4	5	4	44.399	31.267	176	

DHC-186

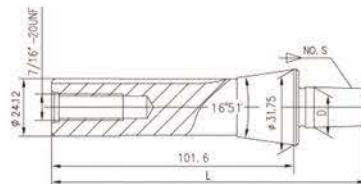
STRAIGHT SHANK DRILL CHUCK ARBOR



Model	D		NO.S	D1
	in	mm		
D-J0		6	J0	6.35
D-J1		8	J1	9.754
D-J2		10	J2	14.199
D-J3	3/8"	12	J3	20.599
D-J4	1/2"	13	J4	28.55
D-J5	5/8"	14	J5	35.89
D-J6	7/8"	16	J6	17.17
D-J33	3/4"	20	J33	15.85
D-B6	1"	25	B6	6.35
D-B10	1-1/4"	26	B10	10.094
D-B12	1-1/2"	32	B12	12.065
D-B16	1-3/4"	35	B16	15.733
D-B18		36	B18	17.78
D-B22		40	B22	21.793
D-B24		50	B24	23.825

DHC-188

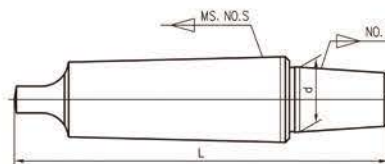
R8 DRILL CHUCK ARBOR



Model	D (mm)	L (mm)	Weight(kg)	Model	D (mm)	L (mm)	Weight(kg)
R8-J0	6.35	117	0.393	R8-J5	35.89	154	0.742
R8-J1	9.754	122	0.409	R8-B6	6.35	118.5	0.25
R8-J2S	13.94	125	0.4	R8-B10	10.094	124	0.386
R8-J2	14.199	128	0.414	R8-B12	12.065	128	0.408
R8-J33	15.85	132	0.418	R8-B16	15.733	135	0.44
R8-J6	17.17	132	0.426	R8-B18	17.78	143	0.454
R8-J3	20.599	137	0.465	R8-B22	21.793	152	0.514
R8-J4	28.55	148	0.6	R8-B24	23.825	162	0.567

DHC-190

MORSE TAPER DRILL CHUCK ARBOR WITH TANG

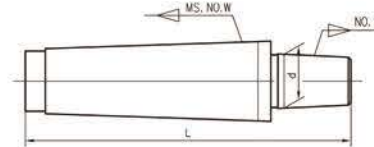


(mm)

Model	d	L	Model	d	L	Model	d	L
MS0-B6	6.35	75	MS2-B22	21.793	128	MS4-B18	17.78	164
MS0-B10	10.094	80	MS2-B24	23.825	138	MS4-B22	21.793	172
MS0-B12	12.065	84	MS2-B18S	17.431	113	MS4-B24	23.825	182
MS0-B16	15.733	91	MS2-J0	6.35	94	MS4-J0	6.35	138
MS0-B18	17.78	99	MS2-J1	9.754	100	MS4-J1	9.754	143
MS0-B22	21.793	108	MS2-J2	14.199	105	MS4-J2	14.199	149
MS0-B24	23.825	118	MS2-J3	20.599	114	MS4-J3	20.599	158
MS0-J0	6.35	73	MS2-J4	28.55	125	MS4-J4	28.55	169
MS0-J3	20.599	93	MS2-J5	35.89	130	MS4-J5	35.89	174
MS0-J33	15.85	88	MS2-J6	17.17	108	MS4-J6	17.17	152
MS1-B10	10.094	86	MS2-J33	15.85	108	MS4-J33	15.85	152
MS1-B12	12.065	90	MS3-B10	10.094	120	MS5-B10	10.094	177
MS1-B16	15.733	97	MS3-B12	12.065	124	MS5-B12	12.065	181
MS1-B18	17.78	105	MS3-B16	15.733	131	MS5-B16	15.733	188
MS1-B22	21.793	114	MS3-B18	17.78	139	MS5-B18	17.78	196
MS1-B24	23.825	124	MS3-B22	21.793	147	MS5-B22	21.793	204
MS1-J0	6.35	79	MS3-B24	23.825	157	MS5-B24	23.825	214
MS1-J1	9.754	85	MS3-J0	6.35	113	MS5-J0	6.35	170
MS1-J2	14.199	90	MS3-J1	9.754	118	MS5-J1	9.754	175
MS1-J3	20.599	99	MS3-J2	14.199	124	MS5-J2	14.199	181
MS1-J4	28.55	110	MS3-J3	20.599	133	MS5-J3	20.599	190
MS1-J5	35.89	116	MS3-J4	28.55	144	MS5-J4	28.55	201
MS1-J6	17.17	94	MS3-J5	35.89	149	MS5-J5	35.89	206
MS1-J33	15.85	94	MS3-J6	17.17	127	MS5-J6	17.17	184
MS2-B10	10.094	101	MS3-J33	15.85	127	MS5-J33	15.85	184
MS2-B12	12.065	105	MS4-B10	10.094	145	MS6-B16	15.733	250
MS2-B16	15.733	112	MS4-B12	12.065	149	MS6-J3	20.599	252
MS2-B18	17.78	120	MS4-B16	15.733	156	MS6-J6	17.17	246

DHC-192

MORSE TAPER DRILL CHUCK ARBOR WITH DRAWBAR



(mm)

Model	d	L	Model	d	L	Model	d	L
MS0W-J0	6.350	67	MS2W-J6	17.170	97	MS4W-J33	15.850	137
MS0W-J1	9.754	72	MS2W-J33	15.850	97	MS4W-B10	10.094	130
MS0W-J2	14.199	78	MS2W-B10	10.094	90	MS4W-B12	12.065	134
MS0W-J3	20.599	87	MS2W-B12	12.065	94	MS4W-B16	15.733	141
MS0W-J6	17.170	81	MS2W-B16	15.733	101	MS4W-B18	17.780	149
MS0W-J33	15.850	81	MS2W-B18	17.780	109	MS4W-B22	21.793	158
MS0W-B10	10.094	74	MS2W-B22	21.793	117	MS4W-B24	23.825	168
MS0W-B12	12.065	78	MS2W-B24	23.825	127	MS5W-J2	14.199	161
MS0W-B16	15.733	85	MS3W-J1	9.754	105	MS5W-J3	20.599	170
MS0W-B18	17.780	93	MS3W-J2	14.199	111	MS5W-J4	28.550	181
MS1W-J0	6.350	71	MS3W-J3	20.599	120	MS5W-J5	35.890	186
MS1W-J1	9.754	76	MS3W-J4	28.550	131	MS5W-J6	17.170	164
MS1W-J2	14.199	82	MS3W-J5	35.890	136	MS5W-J33	15.850	164
MS1W-J3	20.599	91	MS3W-J6	17.170	114	MS5W-B16	15.733	168
MS1W-J6	17.170	85	MS3W-J33	15.850	114	MS5W-B18	17.780	176
MS1W-J33	15.850	85	MS3W-B10	10.094	107	MS5W-B22	21.793	185
MS1W-B10	10.094	78	MS3W-B12	12.065	111	MS5W-B24	23.825	195
MS1W-B12	12.065	82	MS3W-B16	15.733	118	MS6W-J3	20.599	224
MS1W-B16	15.733	89	MS3W-B18	17.780	126	MS6W-J4	28.550	235
MS1W-B18	17.780	97	MS3W-B22	21.793	135	MS6W-J5	35.890	240
MS2W-J0	6.350	83	MS3W-B24	23.825	145	MS6W-J6	17.170	218
MS2W-J1	9.754	88	MS4W-J2	14.199	134	MS6W-J33	15.850	218
MS2W-J2	14.199	94	MS4W-J3	20.599	143	MS6W-B16	15.733	222
MS2W-J3	20.599	103	MS4W-J4	28.550	154	MS6W-B18	17.780	230
MS2W-J4	28.550	114	MS4W-J5	35.890	159	MS6W-B22	21.793	238
MS2W-J5	35.890	119	MS4W-J6	17.170	137	MS6W-B24	23.825	248

DIN68873
HSK TOOL HOLDER

MA5003
BT TOOL HOLDER

DIN68871
SK TOOL HOLDER

DIN6880
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

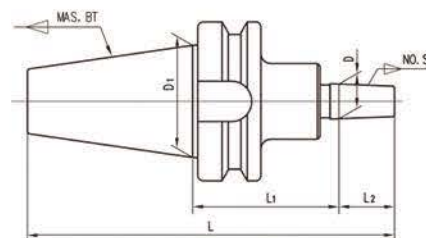
#HSI B5-50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-194

BT DRILL CHUCK ARBOR

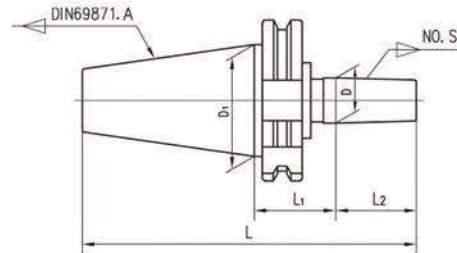


(mm)

Model	L2	L	D	D1	Drawbar thread	Weight(kg)
BT30-J1-45	16.669	110	9.754	31.75	M12	0.60
BT30-J2-45	22.225	115.6	14.199	31.75	M12	0.70
BT30-J3-45	30.956	124.4	20.599	31.75	M12	0.80
BT30-J4-45	42.069	135.4	28.550	31.75	M12	0.85
BT30-J5-45	47.625	141	35.890	31.75	M12	0.90
BT30-J6-45	25.4	118.8	17.170	31.75	M12	0.75
BT30-J33-45	25.4	118.8	15.850	31.75	M12	0.75
BT30-B10-45	14.5	107.9	10.094	31.75	M12	0.60
BT30-B12-45	18.5	111.9	12.065	31.75	M12	0.60
BT30-B16-45	24	117.4	15.733	31.75	M12	0.70
BT30-B18-45	32	125.4	17.780	31.75	M12	0.82
BT40-J1-45	16.669	127.1	9.754	44.45	M16	1.15
BT40-J2-45	22.225	132.6	14.199	44.45	M16	1.25
BT40-J2S-45	19.05	129.4	13.940	44.45	M16	1.20
BT40-J3-45	30.956	141.4	20.599	44.45	M16	1.45
BT40-J4-45	42.069	152.5	28.550	44.45	M16	1.55
BT40-J5-45	47.625	158	35.890	44.45	M16	1.60
BT40-J6-45	25.4	135.8	17.170	44.45	M16	1.30
BT40-J33-45	25.4	135.8	15.850	44.45	M16	1.30
BT40-B10-45	14.5	124.9	10.094	44.45	M16	1.40
BT40-B10-120	14.5	199.9	10.094	44.45	M16	1.76
BT40-B12-45	18.5	128.9	12.065	44.45	M16	1.34
BT40-B16-32	24	121.4	15.733	44.45	M16	1.40
BT40-B16-45	24	134.4	15.733	44.45	M16	1.45
BT40-B16-75	24	164.4	15.733	44.45	M16	1.55
BT40-B16-90	24	179.4	15.733	44.45	M16	1.40
BT40-B18-45	32	142.4	17.780	44.45	M16	1.70
BT40-B18-75	32	172.4	17.780	44.45	M16	1.76
BT50-J1-45	16.669	163.5	9.754	69.85	M24	3.60
BT50-J2-45	22.225	169	14.199	69.85	M24	3.95
BT50-J2S-45	19.05	165.9	13.940	69.85	M24	3.90
BT50-J3-45	30.956	177.8	20.599	69.85	M24	3.70
BT50-J4-45	42.069	188.9	28.550	69.85	M24	3.75
BT50-J5-45	47.625	194.4	35.890	69.85	M24	3.80
BT50-J6-45	25.4	172.2	17.170	69.85	M24	4.00
BT50-J33-45	25.4	172.2	15.850	69.85	M24	4.00
BT50-B10-45	14.5	161.3	10.094	69.85	M24	3.60
BT50-B12-45	18.5	165.3	12.065	69.85	M24	3.60
BT50-B16-75	24	200.8	15.733	69.85	M24	3.74
BT50-B16-90	24	215.8	15.733	69.85	M24	3.78
BT50-B18-45	32	178.8	17.780	69.85	M24	3.70

DHC-196

DIN DRILL CHUCK ARBOR



(mm)

Model	L2	L	D	D1	Drawbar thread
DIN69871.A40-J0-32	11.112	111.5	6.350	44.45	M16
DIN69871.A40-J1-32	16.669	117	9.754	44.45	M16
DIN69871.A40-J2-32	22.225	122.6	14.199	44.45	M16
DIN69871.A40-J2S-32	19.05	119.5	13.940	44.45	M16
DIN69871.A40-J3-32	30.956	131.4	20.599	44.45	M16
DIN69871.A40-J4-32	42.069	142.5	28.550	44.45	M16
DIN69871.A40-J5-32	47.625	148	35.890	44.45	M16
DIN69871.A40-J6-32	25.4	125.8	17.170	44.45	M16
DIN69871.A40-J33-32	25.4	125.8	15.850	44.45	M16
DIN69871.A40-B6-32	10	110.4	6.350	44.45	M16
DIN69871.A40-B10-32	14.5	114.9	10.094	44.45	M16
DIN69871.A40-B10-45	14.5	127.9	10.094	44.45	M16
DIN69871.A40-B12-32	18.5	118.9	12.065	44.45	M16
DIN69871.A40-B16-32	24	124.4	15.733	44.45	M16
DIN69871.A40-B16-45	24	137.4	15.733	44.45	M16
DIN69871.A40-B18-32	32	132.4	17.780	44.45	M16
DIN69871.A40-B18-45	32	145.4	17.780	44.45	M16
DIN69871.A40-B22-32	40.5	140.9	21.793	44.45	M16
DIN69871.A40-B24-32	50.5	150.9	23.825	44.45	M16
DIN69871.A50-B16-45	24	170.75	15.733	69.85	M24
DIN69871.A50-J3-45	30.965	177.7	20.599	69.85	M24
DIN69871.A50-J6-45	25.4	172.1	17.170	69.85	M24
DIN69871.A50-J33-45	25.4	172.1	15.850	69.85	M24
DIN69871.A50-B16-45	24	170.8	15.733	69.85	M24
DIN69871.A50-B18-45	32	178.8	17.780	69.85	M24
DIN69871.A50-B22-60	40.5	202.3	21.793	69.85	M24
DIN69871.A50-B24-60	50.5	212.3	23.825	69.85	M24

DIN69873
HSK TOOL HOLDER

MAS408
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN69880
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

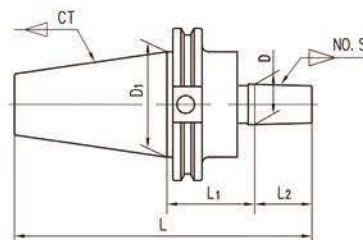
4HSI B5-50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-198

CAT DRILL CHUCK ARBOR

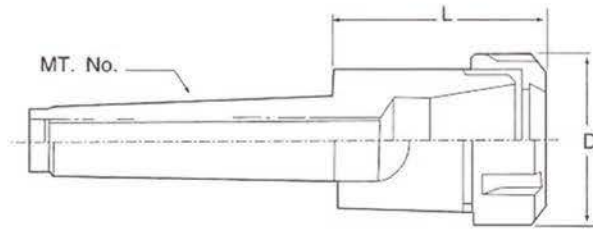


(mm)

Model	L ₂	L	D	D ₁	Drawbar thread
CT40-J2-45	22.225	135.5	14.199	44.45	5/8"-11
CT40-J3-45	30.956	144.2	20.599	44.45	5/8"-11
CT40-J4-45	42.069	155.3	28.550	44.45	5/8"-11
CT40-J6-45	25.4	138.65	17.170	44.45	5/8"-11
CT40-J33-45	25.4	138.65	15.850	44.45	5/8"-11
CT40-B16-45	24	137.25	15.733	44.45	5/8"-11
CT40-B18-45	32	145.25	17.780	44.45	5/8"-11
CT45-J3-45	30.956	158.5	20.599	57.15	3/4"-10
CT45-J6-45	25.4	153	17.170	57.15	3/4"-10
CT45-J33-45	25.4	153	15.850	57.15	3/4"-10
CT45-B10-45	14.5	142	10.094	57.15	3/4"-10
CT45-B12-45	18.5	146	12.065	57.15	3/4"-10
CT45-B16-32	24	138.6	15.733	57.15	3/4"-10
CT45-B16-45	24	151.6	15.733	57.15	3/4"-10
CT45-B18-45	32	159.6	17.780	57.15	3/4"-10
CT50-J2-45	22.225	168.85	14.199	69.85	1"-8
CT50-J3-45	30.956	177.56	20.599	69.85	1"-8
CT50-J4-45	42.069	188.67	28.550	69.85	1"-8
CT50-J5-45	47.625	194.23	35.890	69.85	1"-8
CT50-J6-45	25.4	172	17.170	69.85	1"-8
CT50-J33-45	25.4	172	15.850	69.85	1"-8
CT50-B10-45	14.5	161.1	10.094	69.85	1"-8
CT50-B12-45	18.5	165.1	12.065	69.85	1"-8
CT50-B16-60	24	185.6	15.733	69.85	1"-8
CT50-B18-60	32	193.6	17.780	69.85	1"-8
CT50-B22-60	40.5	202.1	21.793	69.85	1"-8
CT50-B24-60	50.5	212.1	23.825	69.85	1"-8

DHC-200

MORSE TAPER MILL CHUCK

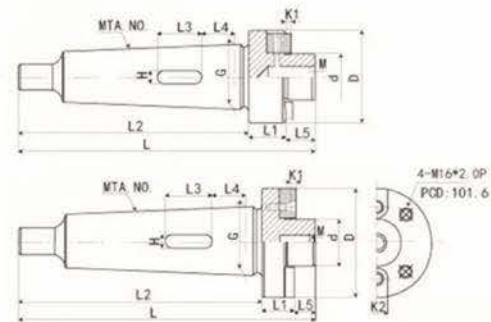


(mm)

Model	L	D	Collet Type
MTB2-ER16-40	40	28	ER16
MTB2-ER20-45	45	34	ER20
MTB2-ER25-47	47	42	ER25
MTB3-ER16-40	40	28	ER16
MTB3-ER32-70	70	50	ER32
MTB3-ER40-80	80	63	ER40
MTB4-ER32-60	60	50	ER32
MTB4-ER40-82	82	63	ER40
MTB5-ER40-82	82	63	ER40

DHC-202

MORSE TAPER FMB SHELL MILL ARBORS



(mm)

Model	L	L1	L2	L3	L4	L5	H	d	M
MTA4-FMB22	167	25	124	-	-	18	-	22	M10*1.5P
MTA4-FMB27	169	25	124	-	-	20	-	27	M12*1.75P
MTA5-FMB22	199	25	156	40	35	18	13	22	M10*1.5P
MTA5-FMB27	201	25	156	40	35	20	13	27	M12*1.75P
MTA5-FMB32	203	25	156	40	35	22	13	32	M16*2.0P
MTA5-FMB40	206	25	156	40	35	25	13	40	M16*2.0P

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

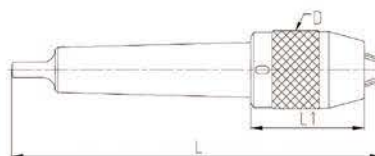
4HSI 35-50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-204

INTEGRAL DRILL CHUCK HOLDER

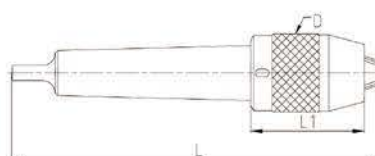


(mm)

Model	Clamping Range	Connector	L	L1	D
MT2-APU08	0.5~8	MT2	139.5	59.5	37
MT2-APU10	1~10	MT2	150	70	41
MT3-APU13	1~13	MT3	182.5	83.5	49
MT4-APU13	1~13	MT4	207.5	83.5	49
MT3-APU16	1~16	MT3	184	85	54
MT4-APU16	1~16	MT4	209	85	54

DHC-206

R8 DRILL CHUCK HOLDER

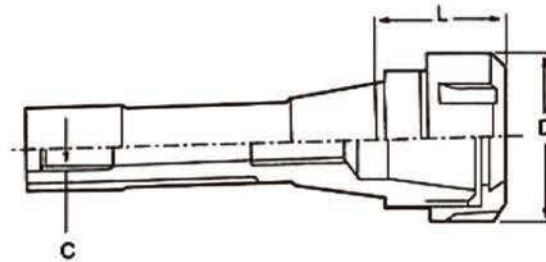


(mm)

Model	Clamping Range	Connector	L	L1	D
R8-APU13	1~13	R8	187.5	83.5	49
R8-APU16	1~16	R8	189	85	54

DHC-208

MORSE TAPER MILL CHUCK



(mm)

Model	Collet Type	L	D	Draw Bar-G
R8-ER16	ER16	38	28	7/16" X 20UNF
R8-ER32	ER32	40	50	
R8-ER40	ER40	70	63	

DHC-210

R8 SHANK FMB SHELL MILL ARBOR

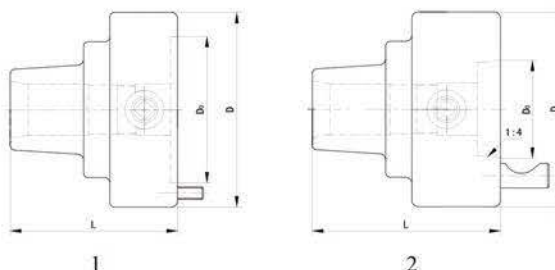


(mm)

Model	L	L1	L2	D	Thread	Mill Cutter
R8-FMB22	155	103	78	22	M12(7/16)	50/60
R8-FMB27	160	103	78	27	M12(7/16)	80
R8-FMB32	160	103	78	32	M12(7/16)	100
R8-FMB40	170	103	78	40	M12(7/16)	125/160/200

DHC-212

5C FIXTURE



Model	D	D0	L	Clamping Range			Figure
				Round	Square	Hex	
3911-125-5C	126	95	107	1-28MM 3/64~1-1/8"	3-19MM 1/8~3/4"	3-22MM 1/8~7/8"	1
3911-125-D3	126	53.975	120.5				2
3911-125-D4	126	63.513	120.5				
3911-125-D5	140	82.563	143.5				
3911-125-D6	165	106.375	143.5				
3911-125-D8	210	139.719	143.5				

DHC-214

58-PC CLAMPING KIT



58 PC Clamping kit with metal holer, each set includes

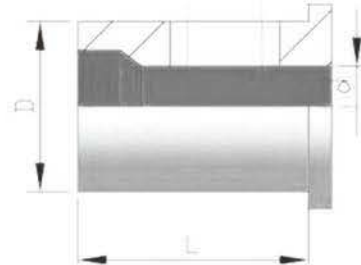
- ◆ 6-T-Slot nuts
- ◆ 6-Flange nuts
- ◆ 4-coupling nuts
- ◆ 6-step clamps
- ◆ 12-step blocks
- ◆ 24 studs, 4 each

Model	Metric	T Slot Size	Weight
SH-001	M6*8MM	8MM	5KG
SH-002	M8*10MM	10MM	6KG
SH-003	M8*12MM	12MM	6KG
SH-004	M10*12MM	12MM	7KG
SH-005	M10*14MM	14MM	7KG
SH-006	M12*14MM	14MM	9KG
SH-007	M12*16MM	16MM	9KG
SH-008	M14*16MM	16MM	10KG
SH-009	M14*18MM	18MM	10KG
SH-010	M16*18MM	18MM	15KG
SH-011	M16*20MM	20MM	15KG
SH-012	M18*20MM	20MM	22KG
SH-013	M20*22MM	22MM	25KG
SH-014	M22*26MM	26MM	38KG
SH-015	M24*28MM	28MM	42KG
SH-016	M30*36MM	36MM	78KG

Model	Metric	T Slot Size	Weight
SH-017	5/16"-18*3/8"	3/8"	5KG
SH-018	5/16"-18*7/16"	7/16"	5KG
SH-019	3/8"-16*7/16"	7/16"	6KG
SH-020	3/8"-16*1/2"	1/2"	6KG
SH-021	3/8"-16*9/16"	9/16"	6KG
SH-022	1/2"-12*9/16"	9/16"	9KG
SH-023	1/2"-12*5/8"	5/8"	9KG
SH-024	1/2"-12*11/16"	11/16"	9KG
SH-025	1/2"-13*9/16"	9/16"	9KG
SH-026	1/2"-13*5/8"	5/8"	9KG
SH-027	1/2"-13*11/16"	11/16"	9KG
SH-028	5/8"-11*11/16"	11/16"	15KG
SH-029	5/8"-11*3/4"	3/4"	15KG
SH-030	5/8"-11*13/16"	13/16"	15KG
SH-031	3/4"-10*7/8"	7/8"	23KG
SH-032	3/4"-10*13/16"	13/16"	23KG
SH-033	3/4"-10*1"	1"	23KG
SH-034	7/8"-9*1"	1"	40KG
SH-035	7/8"-9*13/16"	13/16"	40KG

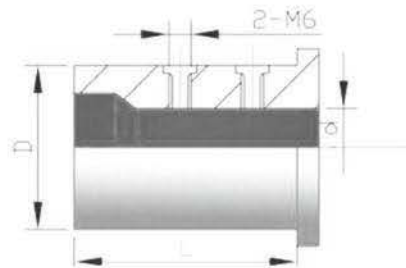
DHC-216

REDUCTION SLEEVE



(mm)

Model	Size	d	D	L
SL2516	25-16	16	25	46
SL2520	25-20	20	25	46
SL3216	32-16	16	32	56
SL3220	32-20	20	32	56
SL3225	32-25	25	32	56
SL4016	40-16	16	40	71
SL4020	40-20	20	40	71
SL4025	40-25	25	40	71
SL4032	40-32	32	40	71

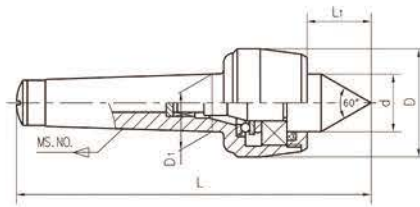


(mm)

Model	Size	d	D	L
SL2506	25-06	6	25	46
SL2508	25-08	8	25	46
SL2510	25-10	10	25	46
SL2512	25-12	12	25	46
SL3206	32-06	6	32	56
SL3208	32-08	8	32	56
SL3210	32-10	10	32	56
SL3212	32-12	12	32	56
SL4006	40-06	6	40	71
SL4008	40-08	8	40	71
SL4010	40-10	10	40	71
SL4012	40-12	12	40	71

DHC-218

PRECISION LIGHT DUTY LIVE CENTER

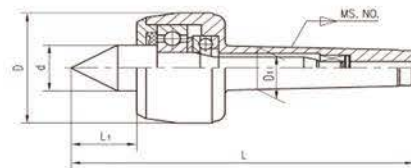


(mm)

Order No.	MS.NO.	L	D	L1	d	D1	Max Radial Load(N)	Max Speed (rpm)	Accuracy (mm)
DM311	MS1	115	34	20.3	18	12.065	320	5000	0.005
DM312	MS2	129.6	45	28.6	25	17.78	400	5000	0.006
DM313	MS3	160.2	52	32	28	23.825	800	4500	0.006
DM314	MS4	191.7	60	36.5	32	31.267	1250	3500	0.006
DM315	MS5	244.5	80	50.8	45	44.399	1500	3000	0.006
DM316	MS6	350	130	74.8	75	63.348	1800	2500	0.006
DM317	MS7	423.5	130	74.8	75	83.061	2200	2000	0.006

DHC-220

604H PRECISION LIVE CENTER

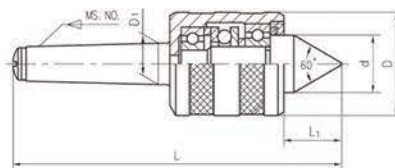


(mm)

Model	MS.NO.	L	D	L1	d	D1	Max Load (kg)	Max Speed (rpm)	Accuracy (mm)
604H/101	MS1	114	36	17	15	12.065	100	7000	0.01
604H/102	MS2	129	45	24	20	17.78	200	7000	0.005
604H/103	MS3	151.5	50	27.5	22	23.825	400	6300	0.005
604H/106	MS3	160.5	60	31	25	23.825	500	5000	0.005
604H/108	MS4	205	70	41	32	31.267	800	3800	0.005
604H/110	MS5	258.5	90	50.5	40	44.399	2000	3000	0.005
604H/114	MS6	334	105	57.5	50	63.348	3500	2600	0.01
604H/116	MS7	378	140	67	60	63.348	4500	1500	0.01
604H/116E	ME80	392	140	68	60	80	7500	1500	0.015

DHC-222

MEDIUM DUTY LIVE CENTER

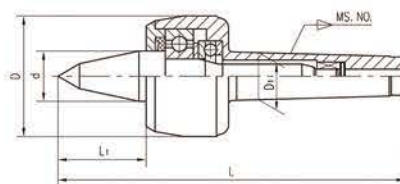


(mm)

Model		L (mm)	L1 (mm)	D (mm)	D1 (mm)	d (mm)	Max Radial Load	Max Speed (rpm)	Weight (kg)	Accuracy (mm)
D411	MS1	115	20	34	12.065	18	900	5000	0.29	0.01
D412	MS2	145	26	45	17.780	25	1500	5000	0.70	0.01
D413	MS3	170	30	52	23.825	28	2000	4200	0.93	0.01
D414	MS4	205.7	34.7	60	31.267	32	3200	3200	1.70	0.01
D415	MS5	254	45	77	44.399	45	6300	2400	3.39	0.015
D416	MS6	362	68.5	125	63.348	75	10000	1600	12.00	0.015
D411L	MS1	125	30	34	12.065	18	900	5000	0.31	0.01
D412L	MS2	155	36	45	17.780	25	1500	5000	0.74	0.01
D413L	MS3	183	43	52	23.825	28	2000	4200	0.99	0.01
D414L	MS4	222	51	60	31.267	32	3200	3200	1.80	0.01
D415L	MS5	272	63	77	44.399	45	6300	2400	3.62	0.015
D416L	MS6	382	88.5	125	63.348	75	10000	1600	12.69	0.015

DHC-224

PRECISION LIVE CENTER

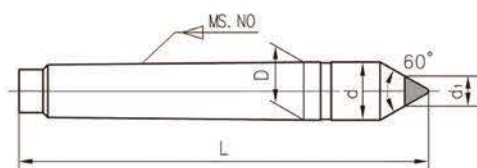


(mm)

Model		L	D	L1	d	D1	Max Load	Max Speed (rpm)
M11/101	MS1	124	36	27	15	12.065	80	7000
M11/102	MS2	139	45	34	20	17.78	140	7000
M11/106	MS3	176.5	60	47	25	23.825	400	5000
M11/108	MS4	217	70	53	32	31.267	500	3800
M11/110	MS5	273	90	65	40	44.399	1200	3000
M11/114	MS6	354.5	105	78	50	63.348	2500	2600

DHC-226

CARBIDE CENTER

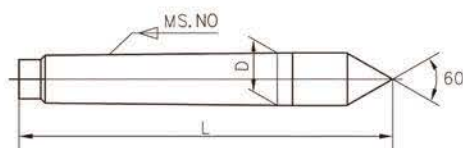


(mm)

Model	MS.NO.	D	L	d	d1	Weight (kg)	Accuracy (mm)
DE1	MS1	12.065	80	12.200	8	0.057	0.010
DE2	MS2	17.780	100	18.000	8	0.151	0.010
DE3	MS3	23.825	125	24.100	12	0.335	0.010
DE4	MS4	31.267	160	31.600	15	0.746	0.010
DE5	MS5	44.399	200	44.700	18	1.826	0.010
DE6	MS6	63.348	270	63.800	24	5.230	0.010
DE7	MS7	83.061	360	83.555	24	9.190	0.010

DHC-228

DEAD CENTER



(mm)

Model	MS.NO.	D	L	Weight(kg)	Accuracy(mm)
DG1	MS1	12.065	80	0.057	0.010
DG2	MS2	17.780	100	0.150	
DG3	MS3	23.825	125	0.334	
DG4	MS4	31.267	160	0.746	
DG5	MS5	44.399	200	1.862	
DG6	MS6	63.348	270	4.925	
DG7	MS7	83.061	360	8.620	

DHC-230

PB -161 PRECISION PARALLEL BLOCK



- ◆ Hardness: HRC55-62
- ◆ Accuracy: 0.01mm
- ◆ Parallelism: 0.005mm

(mm)

Model	Specification	PCS
PB161	100x5x16, 100x6x18, 100x8x24, 100x10x30, 150x12x36, 150x14x48, 150x18x60, 150x22x62, 200x31x15x2.5 (30°)	9x2

DHC-232

PB -150 PRECISION PARALLEL BLOCK

- ◆ Hardness: HRC55-62
- ◆ Accuracy: 0.01mm
- ◆ Parallelism: 0.005mm



(mm)

Model	Specification	PCS
PB150-1	150x10x14 (16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50)	14x2
PB150-2	150x8x14 (16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50)	14x2
PB150-3	80x4x14 (16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50)	14x2
PB150-4	200x10x14 (16, 18, 20, 22, 24, 26, 28, 30, 32, 35, 40, 45, 50)	14x2

DHC-234

PB -151 PRECISION PARALLEL BLOCK



- ◆ Hardness: HRC55-62
- ◆ Accuracy: 0.01mm
- ◆ Parallelism: 0.005mm

Model	Specification	PCS
PB151-1	100x4x10 (14, 18, 22, 26, 30, 34, 38, 42)	9x2
PB151-2	160x4x10 (14, 18, 22, 26, 30, 34, 38, 42)	9x2
PB151-3	150x8.5x14 (16, 20, 24, 30, 32, 36, 40, 44)	9x2
PB151-4	150x10x14 (16, 20, 24, 30, 32, 36, 40, 44)	9x2

DHC-236

PB153 PRECISION PARALLEL BLOCK



- ◆ Hardness: HRC55-62
- ◆ Accuracy: 0.01mm
- ◆ Parallelism: 0.005mm

Model	Specification		PCS
PB153-1	125x8x11 (16, 21, 26, 31, 36)	125x10x13 (18, 23, 28, 33, 38)	24x2
	125x12x15 (20, 25, 30, 35, 40)	125x14x17 (22, 27, 32, 37, 42)	
PB153-2	150x8x11 (16, 21, 26, 31, 36)	150x10x13 (18, 23, 28, 33, 38)	24x2
	150x12x15 (20, 25, 30, 35, 40)	150x14x17 (22, 27, 32, 37, 42)	

DHC-238

PB154 PRECISION PARALLEL BLOCK

- ◆ Hardness: HRC55-62
- ◆ Accuracy: 0.01mm
- ◆ Parallelism: 0.005mm



Model	Specification	PCS
PB154-1	150x8x16 (18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50)	18x2
PB154-2	150x8x17 (19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51)	18x2

DHC-240

PB155 PRECISION PARALLEL BLOCK



- ◆ Hardness: HRC55-62
- ◆ Accuracy: 0.01mm
- ◆ Parallelism: 0.005mm

Model	Specification	PCS
PB154-1	150x8x16 (18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50)	18x2
PB154-2	150x8x17 (19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51)	18x2

DHC-242

PB156 PRECISION PARALLEL BLOCK

- ◆ Hardness: HRC55-62
- ◆ Accuracy: 0.01mm
- ◆ Parallelism: 0.005mm



Model	Specification	PCS
PB156-1	120x8 x12 (17, 22, 25, 28, 32, 36, 38)	8x2
PB156-2	160x8 x12 (17, 22, 25, 28, 32, 36, 38)	
PB156-3	200x8 x17 (22, 26, 28, 32, 36, 38, 42)	

DHC-244

ELECTRONIC EDGE FINDER

- ◆ No turning required
- ◆ Position can be quickly located
- ◆ For milling machines, machining centers and other mechanical equipment, it can effectively save the time to find the correct position
- ◆ The utility model can be used for efficient detection of end faces, inner and outer diameters



Model	Shank Dia	Length	Ball probe dia	Repeatability	Type
XBQ-A	φ20	96.5	φ10	0.005	Photoelectric
XBQ-B	φ20	100	φ10	0.005	Photoelectric buzzer
XBQ-C	φ20	160	φ10	0.005	Photoelectric
XBQ-D	φ20	160	φ10	0.005	Photoelectric buzzer
XBQ-E	3/4"	100	0.4"	0.0002"	Photoelectric
XBQ-F	3/4"	100	0.4"	0.0002"	Photoelectric buzzer

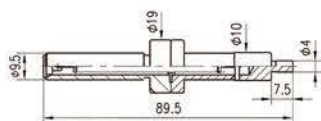
DHC-246

MACHANICAL EDGE FINDER

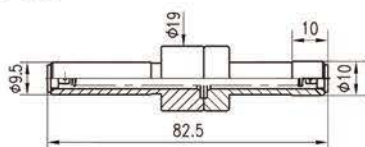
- ◆ Mechanical edge finder for quick and easy location of round or flat work
- ◆ Manufactured from high quality steel
- ◆ Easy to use
- ◆ Quick and accurate
- ◆ Concentricity 0.005mm



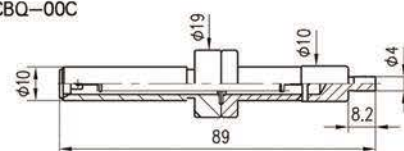
CBQ-00A



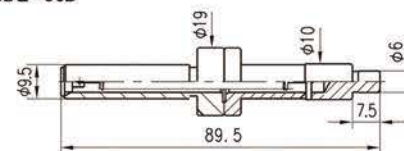
CBQ-00B



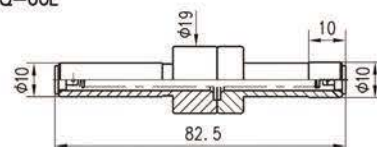
CBQ-00C



CBQ-00D

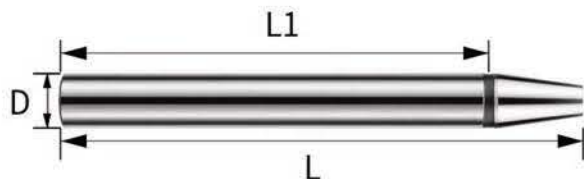


CBQ-00E



DHC-248

BT SPINDLE TESTING BAR



- ◆ Material: 20CrMnTi
- ◆ Hardness: HRC55-62
- ◆ Precision: $\leq 0.003\text{mm}$

(mm)

Model	Spindle	L	L1	D
BT30-D30-250L	BT30	305	250	32
BT40-D40-300L	BT40	372	300	40
BT50-D40-300L	BT50	407	300	40

DHC-250

HSK SPINDLE TESTING BAR



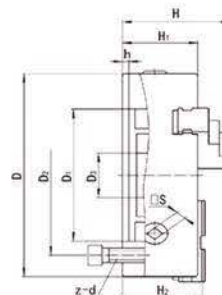
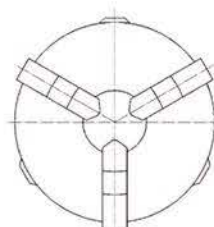
- ◆ Material: 20CrMnTi
- ◆ Hardness: HRC55-62
- ◆ Precision: $\leq 0.002\text{mm}$

(mm)

Model	Spindle	L	D	Accuracy
HSK32A+E D25-200L	HSK32	200	25	0.002mm
HSK40A+E D30-200L	HSK40	200	30	
HSK50A+E D30-250L	HSK50	250	30	
HSK63A+E D40-300L	HSK63	300	40	
HSK100A+E D50-300L	HSK100	300	50	

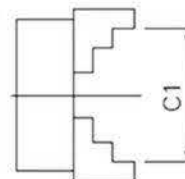
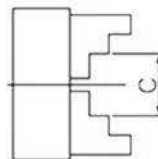
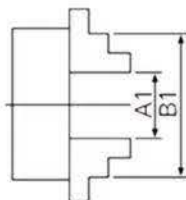
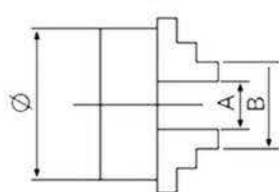
DHC-252

3 JAW SELF CENTERING LATHE CHUCK



(mm)

D	D1	D2	D3	H1	h	z-d
80	55	66	16	50	3.5	3-M6
100	72	84	22	55	3.5	3-M8
125	95	108	30	58	4	3-M8
130	100	115	30	60.5	3.5	3-M8
160	130	142	45	65	5	3-M8
200	165	180	65	75	5	3-M10
250	206	226	80	80	5	3-M12
320	270	290	100	95	11	3-M16
400	340	368	145	101.5	6	3-M16
500	440	465	210	115.4	6	3-M16



(mm)

D	Max Input Torque N.m	Max. Speed r/min	Clamping Range		
			Internal Jaws		External
			A-A1	B-B1	C-C1
80	40	4800	2-22	25-70	22-63
100	60	4200	2-30	30-90	30-80
125	100	3800	2.5-40	38-125	38-110
130	100	3800	3-40	40-130	40-120
160	160	3600	3-55	50-160	55-145
200	250	3000	4-85	65-200	65-200
250	320	2400	6-110	80-250	90-250
320	400	1800	11.5-145	95-320	110-320
400	500	1200	15-210	120-400	120-400
500	630	850	25-280	150-500	150-500

DIN6973
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN6971
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

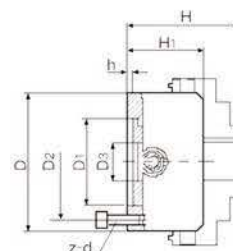
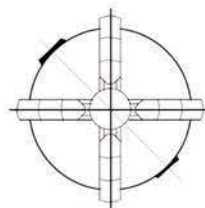
4HSI B5-50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

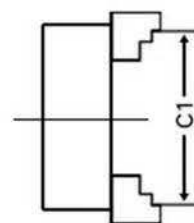
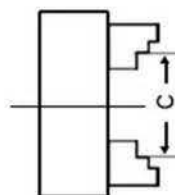
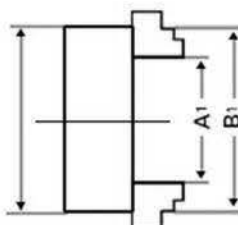
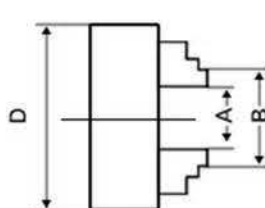
DHC-254

4 JAW SELF CENTERING LATHE CHUCK



(mm)

D	D1	D2	D3	H	H1	h	z-d
80	55	66	16	66	50	3.5	3-M6
100	72	84	22	75	55	3.5	3-M8
125	95	108	30	84	58	4	3-M8
130	100	115	30	86	60.5	3.5	3-M8
160	130	142	45	95	65	5	3-M8
200	165	180	65	113	75	5	3-M10
250	206	226	80	124	80	5	3-M12
320	270	290	100	148.5	95	11	3-M16
400	340	368	145	155	101.5	6	3-M16
500	440	465	210	174	115.4	6	6-M6

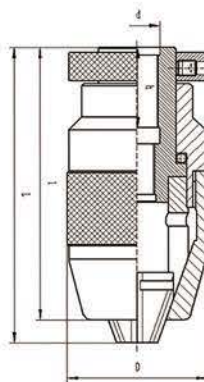


(mm)

D	Max. Input Torque N.m	Max. Speed r/min	Clamping Range		
			Internal Jaws		External Jaws
			A-A1	B-B1	C-C1
80	40	4800	2-22	25-70	22-63
100	60	4200	2-30	30-90	30-80
125	100	3800	2.5-40	38-125	38-110
130	100	3800	3-40	40-130	40-120
160	160	3600	3-55	50-160	55-145
200	250	3000	4-85	65-200	65-200
250	320	2400	6-110	80-250	90-250
315	400	1800	10-140	95-315	100-315
320	400	1800	11.5-145	95-320	110-320
325	400	1800	11.5-165	95-350	110-340
400	500	1200	15-210	120-400	120-400
500	630	850	25-280	150-500	150-500

DHC-256

HEAVY DUTY KEYLESS DRILL CHUCK



- ◆ High precision super drill chucks
- ◆ Good rigidity& high durability
- ◆ Suitable for heavy duty & extra heavy duty

For machining center, digital control machine-tool, boring lathe and milling machine

(mm)

Model	Clamping Range	Taper No.	d	h	D	L	I
HJ0120	1-20	B22	21.793	40.500	62	134	120
HJ0220	1/32"-3/4"	JT3	20.599	30.956			
HJ0116	1-16	B16	15.733	24.000	54	114	105
		B18	17.780	32.000			
HJ0216	1/32"-5/8"	JT6	17.170	25.400	54	114	105
		JT3	20.599	30.956			
HJ0113	1-13	B16	15.733	24.000	49	105	96
		B12	12.065	18.500			
HJ0213	1/32"-1/2"	JT6	17.170	25.400	49	105	96
		JT33	15.850	25.400			
HJ0110	1-10	B16	15.733	24.000	42	90	82
		B12	12.065	18.500			
HJ0210	1/32"-3/8"	JT2	14.199	22.225	42	90	82
		JT33	15.850	25.400			
HJ0108	0.5-8	B12	12.065	18.500	42	90	82
HJ0208	1/64"-5/16"	JT2	14.199	22.225			
HJ0106	0.5-6	B10	10.094	14.500	35	67	62
		B12	12.065	18.500			
HJ0206	1/32"-1/4"	JT0	6.350	11.112	35	67	62
		JT1	9.754	16.669			
HJ0204	0.5-4	JT0	6.350	11.112	28	50	45
HJ0203	0.5-3	JT0	6.350	11.112	24	48	43

DIN69873
HSK TOOL HOLDER

MAS403
BT TOOL HOLDER

DIN69871
SK TOOL HOLDER

DIN2080
NT TOOL HOLDER

INTERNATIONAL
ISO TOOL HOLDER

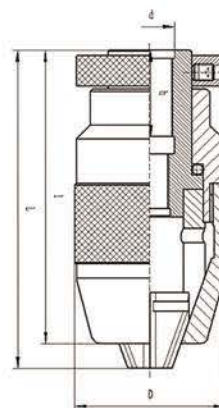
ANSI B5.50
CAT TOOL HOLDER

COLLET SERIES

OTHER
ACCESSORIES

DHC-258

LIGHT DUTY KEYLESS DRILL CHUCK



- ◆ Small volume, light weight
- ◆ Extremely safe and easy operation

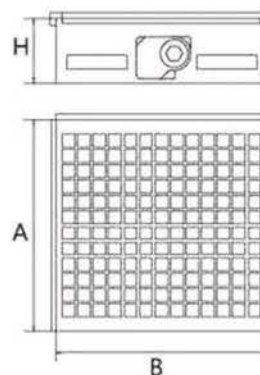
For Various drill machines, milling machine, lathe, boring lathe and electric hand tool.

(mm)

Model	Clamping Range	Taper No.	d	h	D	L	I
LJ0120	5-20	B22	21.793	40.500	54	121	112
LJ0220	3/16-3/4"	JT3	20.599	30.956	54	114	105
LJ0116	1-16	B18	17.780	32.000	49	112	101
LJ0216	1/32-5/8"	JT3	20.599	30.956	49	105	96
LJ011611	1-16	B16	15.733	24.000	49	105	96
LJ021611	1/32-5/8"	JT6	17.170	25.400	44	97	88
LJ0113	1-13	B16	15.733	24.000	44	97	88
		B12	12.065	18.500	44	97	88
LJ0213	1/32-1/2"	JT6	17.170	25.400	44	97	88
		JT33	15.850	25.400	44	97	88
LJ0110	1-10	B16	15.733	24.000	42	90	82
		B12	12.065	18.500	42	90	82
LJ0210	1/32-3/8"	JT2	14.199	22.225	42	90	82
		JT33	15.850	25.400	42	90	82
LJ0108	0.5-8	B12	12.065	18.500	42	90	82
LJ0208	1/64-5/16"	JT2	14.199	22.225	42	90	82
LJ0106	0.5-6	B10	10.094	14.500	35	67	62
		B12	12.065	18.500	35	67	62
LJ0206	1/32-1/4"	JT0	6.350	11.112	35	67	62
		JT1	9.754	16.669	35	67	62
LJ0204	0.5-4	JT0	6.350	11.112	28	50	45
LJ0203	0.5-3	JT0	6.350	11.112	24	48	43

DHC-260

Powerful Permanent Magnetic Chuck



- ◆ When processing the workpiece, the magnetic force is more stable on all sides and there is no residual magnetism after demagnetization
- ◆ High-performance permanent magnet, the surface accuracy of the magnetic and demagnetized disk remains unchanged after 24 hours of continuous processing

For CNC computer gongs, machining centers, engraving machines, etc.

(mm)

Model	Suction	Dimension			Weight(KGS)
		B	A	H	
150*150	≥40KGS	150	150	80	13.5
150*300		150	300	80	27
200*200		200	200	80	24
200*300		200	300	80	36
200*400		200	400	80	48
200*500		200	500	80	60
300*300		300	300	80	54
300*400		300	400	80	72
300*500		300	500	80	90
300*600		300	600	80	108
300*800		300	800	80	144
400*400		400	400	80	96
400*500		400	500	80	120
400*600		400	600	80	144
400*800		400	800	80	192
500*500		500	500	80	150
500*600		500	600	80	180
500*800		500	800	80	240
500*1000		500	1000	80	300
600*600		600	600	80	216
600*800		600	800	80	288
600*1000		600	1000	80	360

DHC-262

TAP AND DIE



- ◆ High quality bearing steel with a longer service life and higher accuracy
- ◆ Good impact and fracture toughness, stronger stability and more standardized dimensions
- ◆ Multiple models to choose

Model	Details
8PCS	M3*0.5, M4*0.7, M5*0.8, M6*1.0, M8*1.25, M10*1.5, M12*1.75
12PCS	M6*1.0, M7*1.0, M8*1.25, M10*1.5, M12*1.75
20PCS	M3*0.5, M4*0.7, M5*0.8, M6*1.0, M7*1.0, M8*1.25, M9*1.25, M10*1.5, M12*1.75
24PCS	M5*0.8, M5*0.9, M6*0.75, M6*1.0, M8*1.0, M8*1.25, M10*1.25, M10*1.5, M12*1.5, M12*1.75, 1/8-27NPT
27PCS	M5*0.8, M6*1.0, M8*1.0, M8*1.25, M10*1.0, M10*1.5, M12*1.25, M12*1.75, M14*1.5, M14*2.0, M16*1.5, M16*2.0
32PCS	M3*0.5, M4*0.7, M5*0.8, M6*1.0, M8*1.25, M10*1.5, M12*1.75
40PCS	M3*0.5, M3*0.6, M4*0.7, M4*0.75, M5*0.8, M5*0.9, M6*0.75, M6*1.0, M7*0.75, M7*1.0, M8*1.0, M8*1.25, M10*1.25, M10*1.5, M12*1.5, M12*1.75, 1/8-27NPT
45PCS	M6*0.75, M6*1.0, M8*1.0, M8*1.25, M10*1.25, M10*1.5, M12*1.5, M12*1.75, M14*1.5, M14*2.0, M16*1.5, M16*2.0, M18*1.5, M18*2.5, M20*1.5, M20*2.5, M22*1.5, M22*2.5, M24*1.5, M24*3.0
60PCS	M3*0.5, M4*0.7, M5*0.8, M6*1.0, M7*1.0, M8*1.25, M9*1.25, M10*1.0, M12*1.75 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20, 1/8-27
110PCS	M2*0.4, M3*0.5, M4*0.7, M5*0.8, M6*0.75, M6*1.0, M7*0.75, M7*1.0, M8*0.75, M8*1.0, M8*1.25, M9*0.75, M9*1.0, M9*1.25, M10*0.75, M10*1.0, M10*1.25, M10*1.5, M11*0.75, M11*1.0, M11*1.25, M11*1.5, M12*0.75, M12*1.0, M12*1.25, M12*1.5, M12*1.75, M14*1.0, M14*1.25, M14*1.5, M14*2.0, M16*1.0, M16*1.5, M16*2.0, M18*1.5

DHC-264

TOOL HOLDER FORK



ISO20 Tool Holder Clips Fork



ISO20 Tool Holder



NBT30 Tool Holder Clips Fork



NBT30 Tool Holder



ISO25 Tool Holder



HSK63 Tool Holder Clips Fork



HSK63 Tool Holder



ISO30 Tool Holder



NBT30 Tool Holder Clips Fork



NBT30 Tool Holder

DHC-266

SPINDLE CLEAN WIPER

- ◆ Material: felt and plastic
- ◆ Model: all BT and HSK type



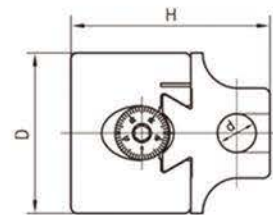
BT Type



HSK Type

DHC-268

BORING HEAD



Boring head dimension

(mm)

Model	D	H	Max Offset	Boring Bar Dia	Min Graduation	Dia of Boring
F1-1/2	50	61.6	5/8"	1/2"	0.001"	3/8"-5"
F1-3/4	75	80.2	1"	3/4"	0.0005"	1/2"-9"
F1-1	100	93.2	1-5/8"	1"		5/8"-12.5"
F1-12	50	61.6	16	12	0.01	10-125
F1-18	75	80.2	25	18		12-225
F1-25	100	93.2	41	25		15-320

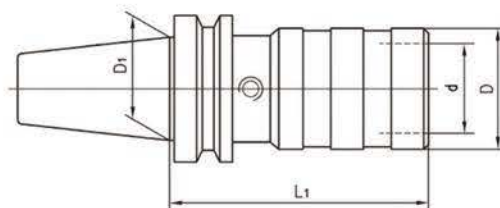
Boring head shank dimension

(mm)

Model	Shank	L	Thread M	Model	Shank	L	Thread M
F1-MT2W	MT2	93.00	7/8"-20 1-1/2"-18	F1-ISO40	ISO40	135.00	7/8"-20 1-1/2"-18
F1-MT2		108.00		F1-ISO50	ISO50	168.00	
F1-MT3W	MT3	110.00		F1-5/8	5/8"	97.00	
F1-MT3		128.00		F1-3/4	3/4"	112.00	
F1-MT4W	MT4	133.00		F1-7/8	7/8"	127.00	
F1-MT4		154.00		F1-1	1"	137.00	
F1-MT5W	MT5	160.00		F1-1-1/4	1-1/4"	167.00	
F1-MT5		186.00		F1-1-1/2	1-1/2"	197.00	
F1-MT6W	MT6	214.00		F1-1-3/4	1-3/4"	227.00	
F1-MT6		248.00		BT40	BT40	122.40	
F1-R8	R8	132.50		DIN69871 40	DIN69871 40	120.40	
F1-ISO30	ISO30	102.00		CAT40	CAT40	130.00	

DHC-270

J45 TAPPING CHUCK



(mm)

Model	Shank	Tapping Range	D	D1	d	L1
D30-12	DIN69871. 30	M2-M12	36	31.75	19	75.1
D40-12	DIN69871. 40			44.45		71.7
D50-12	DIN69871. 50			69.85		71.7
B30-12	BT30			31.75		74.6
B40-12	BT40			44.45		79.6
B50-12	BT50			69.85		90.6
D30-20	DIN69871. 30	M5-M20	56	31.75	31	101.6
D40-20	DIN69871. 40			44.45		101.6
D50-20	DIN69871. 50			69.85		101.6
B30-20	BT30			31.75		106.6
B40-20	BT40			44.45		108.5
B50-20	BT50			69.85		120.5
D30-36	DIN69871. 30	M11-M36	80	31.75	48	146.1
D40-36	DIN69871. 40			44.45		166
D50-36	DIN69871. 50			69.85		164
B30-36	BT30			31.75		149
B40-36	BT40			44.45		169
B50-36	BT50			69.85		180

This unit is consisted of chuck and tap collet. The chuck has installed compensating device for thread pitch, there are two different tap collets, one with overload protection and one without it. When using the tap collet with overload protection, the device can automatically release to avoid tap-break. Just adjust nuts and you can get the different release torque quickly and conveniently.



HEMANT TOOLS PRIVATE LIMITED

Web: www.hemanttools.co.in

Address: C-01/4008, City Mall, A Wing, Sec.19,
Vashi-Turbhe Road, Navi Mumbai, India

Cell: +919223231476