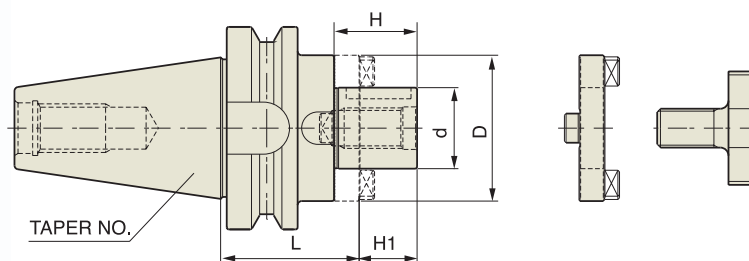


COMBI-SHELL MILL ARBOR

MAS403-BT

MAS403
-BTTaper
Accuracy
AT3G Value
6.3RPM
12,000Coolant
System

■ STANDARD

TAPER No.	CODE No.	d	L	D	H1	H	PART No.	Weight (kg)	Stock
30	BT30 - CMA16 - 50	16	50	32	17	27	27,33,39		
	BT30 - CMA22 - 50	22	50	40	19	31	28,34,40		
	BT30 - CMA27 - 55	27	55	48	21	33	29,35,41		
40	BT40 - CMA16 - 55	16	55	32	17	27	27,33,39		
	BT40 - CMA22 - 55	22	55	40	19	31	28,34,40		
	BT40 - CMA27 - 55	27	55	48	21	33	29,35,41		
	BT40 - CMA32 - 60	32	60	58	24	38	30,36,42		
	BT40 - CMA40 - 60	40	60	70	27	41	31,37,43		
50	BT50 - CMA16 - 70	16	70	32	17	27	27,33,39		
	BT50 - CMA22 - 70	22	70	40	19	31	28,34,40		
	BT50 - CMA27 - 70	27	70	48	21	33	29,35,41		
	BT50 - CMA32 - 70	32	70	58	24	38	30,36,42		
	BT50 - CMA40 - 70	40	70	70	27	41	31,37,43		
	BT50 - CMA50 - 70	50	70	90	30	46	32,38,44		

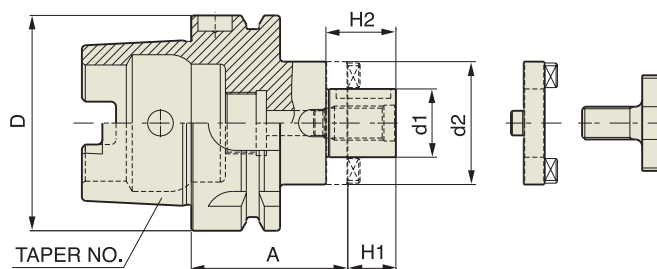
■ EXTENDED

TAPER No.	CODE No.	d	L	D	H1	H	PART No.	Weight (kg)	Stock
40	BT40 - CMA16 - 100	16	100	32	17	27	27,33,39		
	BT40 - CMA22 - 100	22	100	40	19	31	28,34,40		
	BT40 - CMA27 - 100	27	100	48	21	33	29,35,41		
	BT40 - CMA32 - 100	32	100	58	24	38	30,36,42		
50	BT50 - CMA16 - 100	16	100	32	17	27	27,33,39		
	BT50 - CMA22 - 100	22	100	40	19	31	28,34,40		
	BT50 - CMA27 - 100	27	100	48	21	33	29,35,41		
	BT50 - CMA32 - 100	32	100	58	24	38	30,36,42		
	BT50 - CMA40 - 100	40	100	70	27	41	31,37,43		

- High Balanced combi-shell mill arbor are available on request
- Clutch drive ring, Collar bolt & key for CMA – part on page 131

COMBI-SHELL MILL ARBOR

DIN69893-HSK FORM A

DIN69893
-HSKTaper
Accuracy
AT3G Value
6.3RPM
12,000Coolant
System

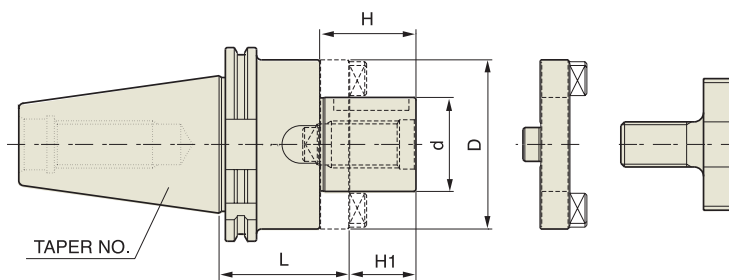
TAPER No.	CODE No.	D	d1	d2	A	H1	H2	PART No.	Weight (kg)	Stock
50A	HSK50A - CMA16 - 50	50	16	32	50	17	27	27,33,39		
	HSK50A - CMA22 - 50	50	22	40	50	19	31	28,34,40		
	HSK50A - CMA27 - 65	50	27	48	65	21	33	29,35,41		
	HSK50A - CMA32 - 65	50	32	58	65	24	38	30,36,42		
63A	HSK63A - CMA16 - 60	63	16	32	60	17	27	27,33,39		
	HSK63A - CMA22 - 60	63	22	40	60	19	31	28,34,40		
	HSK63A - CMA27 - 60	63	27	48	60	21	33	29,35,41		
	HSK63A - CMA32 - 60	63	32	58	60	24	38	30,36,42		
	HSK63A - CMA40 - 70	63	40	70	70	27	41	31,37,43		
100A	HSK100A - CMA16 - 60	100	16	32	60	17	27	27,33,39		
	HSK100A - CMA22 - 60	100	22	40	60	19	31	28,34,40		
	HSK100A - CMA27 - 60	100	27	48	60	21	33	29,35,41		
	HSK100A - CMA32 - 60	100	32	58	60	24	38	30,36,42		
	HSK100A - CMA40 - 70	100	40	70	70	27	41	31,37,43		
	HSK100A - CMA50 - 80	100	50	90	80	30	46	32,38,44		

► High Balanced combi-shell mill arbor are available on request

► Clutch drive ring, Collar bolt & key for CMA – part on page 131

COMBI-SHELL MILL ARBOR

DIN 69871-SK FORM A

DIN 69871
-SKTaper
Accuracy
AT3G Value
6.3RPM
12,000Coolant
System

■ STANDARD

TAPER No.	CODE No.	d	L	D	H1	H	PART No.	Weight (kg)	Stock
30	SK30 - CMA16 - 50	16	50	32	17	27	27,33,39		
	SK30 - CMA22 - 50	22	50	40	19	31	28,34,40		
	SK30 - CMA27 - 55	27	55	48	21	33	29,35,41		
40	SK40 - CMA16 - 55	16	55	32	17	27	27,33,39		
	SK40 - CMA22 - 55	22	55	40	19	31	28,34,40		
	SK40 - CMA27 - 55	27	55	48	21	33	29,35,41		
	SK40 - CMA32 - 60	32	60	58	24	38	30,36,42		
	SK40 - CMA40 - 60	40	60	70	27	41	31,37,43		
50	SK50 - CMA16 - 55	16	55	32	17	27	27,33,39		
	SK50 - CMA22 - 55	22	55	40	19	31	28,34,40		
	SK50 - CMA27 - 55	27	55	48	21	33	29,35,41		
	SK50 - CMA32 - 55	32	55	58	24	38	30,36,42		
	SK50 - CMA40 - 55	40	55	70	27	41	31,37,43		
	SK50 - CMA50 - 70	50	70	90	30	46	32,38,44		

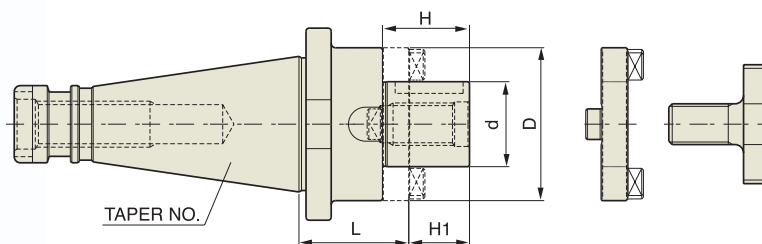
■ EXTENDED

TAPER No.	CODE No.	d	L	D	H1	H	PART No.	Weight (kg)	Stock
40	SK40 - CMA16 - 100	16	100	32	17	27	27,33,39		
	SK40 - CMA22 - 100	22	100	40	19	31	28,34,40		
	SK40 - CMA27 - 100	27	100	48	21	33	29,35,41		
	SK40 - CMA32 - 100	32	100	58	24	38	30,36,42		
50	SK50 - CMA16 - 100	16	100	32	17	27	27,33,39		
	SK50 - CMA22 - 100	22	100	40	19	31	28,34,40		
	SK50 - CMA27 - 100	27	100	48	21	33	29,35,41		
	SK50 - CMA32 - 100	32	100	58	24	38	30,36,42		
	SK50 - CMA40 - 100	40	100	70	27	41	31,37,43		

- High Balanced combi-shell mill arbor are available on request
- Clutch drive ring, Collar bolt & key for CMA – part on page 131

COMBI-SHELL MILL ARBOR

DIN2080-ISO

DIN2080
- ISOTaper
Accuracy
AT3G Value
6.3RPM
12,000Coolant
System

■ STANDARD

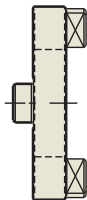
TAPER No.	CODE No.	d	L	D	H1	H	PART No.	Weight (kg)	Stock
30	ISO30 - CMA16 - 35	16	35	32	17	27	27,33,39		
	ISO30 - CMA22 - 35	22	35	40	19	31	28,34,40		
	ISO30 - CMA27 - 35	27	35	48	21	33	29,35,41		
40	ISO40 - CMA16 - 52	16	52	32	17	27	27,33,39		
	ISO40 - CMA22 - 52	22	52	40	19	31	28,34,40		
	ISO40 - CMA27 - 52	27	52	48	21	33	29,35,41		
	ISO40 - CMA32 - 52	32	52	58	24	38	30,36,42		
	ISO40 - CMA40 - 52	40	52	70	27	41	31,37,43		
50	ISO50 - CMA16 - 55	16	55	32	17	27	27,33,39		
	ISO50 - CMA22 - 55	22	55	40	19	31	28,34,40		
	ISO50 - CMA27 - 55	27	55	48	21	33	29,35,41		
	ISO50 - CMA32 - 55	32	55	58	24	38	30,36,42		
	ISO50 - CMA40 - 55	40	55	70	27	41	31,37,43		
	ISO50 - CMA50 - 55	50	55	90	30	46	32,38,44		

■ EXTENDED

TAPER No.	CODE No.	d	L	D	H1	H	PART No.	Weight (kg)	Stock
40	ISO40 - CMA16 - 125	16	125	32	17	27	27,33,39		
	ISO40 - CMA22 - 125	22	125	40	19	31	28,34,40		
	ISO40 - CMA27 - 125	27	125	48	21	33	29,35,41		
	ISO40 - CMA32 - 125	32	125	58	24	38	30,36,42		
50	ISO50 - CMA16 - 125	16	125	32	17	27	27,33,39		
	ISO50 - CMA22 - 125	22	125	40	19	31	28,34,40		
	ISO50 - CMA27 - 125	27	125	48	21	33	29,35,41		
	ISO50 - CMA32 - 125	32	125	58	24	38	30,36,42		
	ISO50 - CMA40 - 125	40	125	70	27	41	31,37,43		

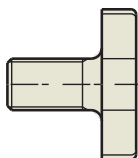
► Clutch drive ring, Collar bolt & key for CMA – part on page 131

CLUTCH DRIVE RING



No.	CLUTCH DRIVE RING	Q' TY
27	#16	1
28	#22	1
29	#27	1
30	#32	1
31	#40	1
32	#50	1

COLLAR BOLT



No.	COLLAR BOLT	Q' TY
33	M8×1.25	1
34	M10×1.5	1
35	M12×1.75	1
36	M16×2.0	1
37	M20×2.5	1
38	M24×3.0	1

KEY



No.	KEY	Q' TY	CMA DIA.
39	4×4×20	1	16
40	6×6×25	1	22
41	7×7×25	1	27
42	8×7×28	1	32
43	10×8×32	1	40
44	12×8×36	1	50