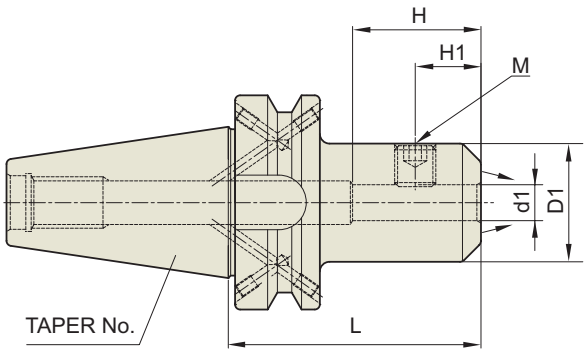
END MILL HOLDER (SPRAY NOZZLE)

MAS403-BT FORM AD/B





MAS403 -BT	Taper Accuracy	G Value	RPM	Coolant System
	AT3	6.3	12,000	

TAPER No.	CODE No.	d1	D1	L	H	H1	M	Weight (kg)	Stock
40	BT40-EMH6C-50	6	25	50	35	18	M6	1.00	
	BT40-EMH8C-50	8	28	50	35	18	M8	1.00	
	BT40-EMH10C-63	10	35	63	35.5	20	M10	1.10	
	BT40-EMH12C-63	12	42	63	36	22.5	M12	1.30	
	BT40-EMH14C-63	14	44	63	36	22.5	M12	1.40	
	BT40-EMH16C-63	16	48	63	46	24	M14	1.70	
	BT40-EMH18C-63	18	50	63	46	24	M14	1.70	
	BT40-EMH20C-63	20	52	63	48	25	M16	1.80	
	BT40-EMH25C-90	25	65	90	55	25	M18	1.80	
	BT40-EMH32C-100	32	72	100	57	28	M20	2.00	
50	BT50-EMH6C-63	6	25	63	35	18	M6	3.30	
	BT50-EMH8C-63	8	28	63	35	18	M8	3.60	
	BT50-EMH10C-65	10	35	65	35.5	20	M10	3.80	
	BT50-EMH12C-80	12	42	80	36	22.5	M12	3.80	
	BT50-EMH14C-80	14	44	80	36	22.5	M12	4.00	
	BT50-EMH16C-80	16	48	80	46	24	M14	4.00	
	BT50-EMH18C-80	18	50	80	46	24	M14	4.20	
	BT50-EMH20C-80	20	52	80	48	25	M16	4.20	
	BT50-EMH25C-100	25	65	100	55	25	M18	4.60	
	BT50-EMH32C-105	32	72	105	57	28	M20	4.70	
	BT50-EMH40C-120	40	90	120	68	32	M20	4.90	

▶ Higher balancing grade product could be supplied by customer's request.

SIDE LOCK ARBOR

SLA

MAS403-BT

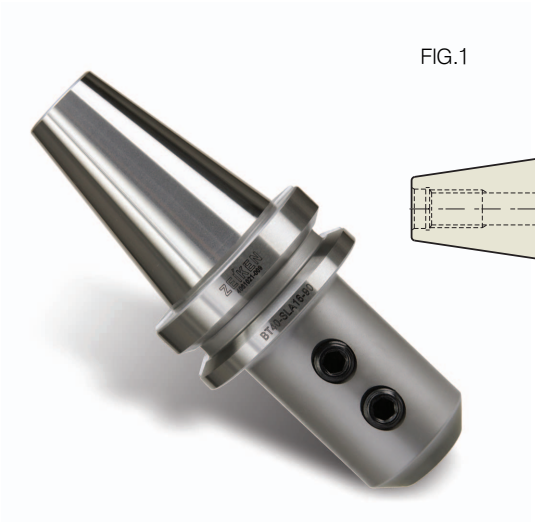


FIG.1

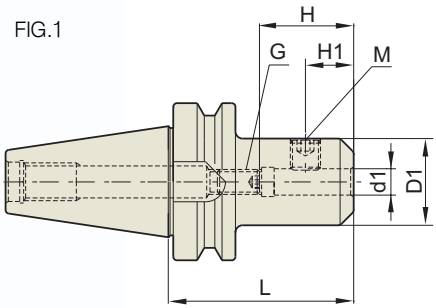
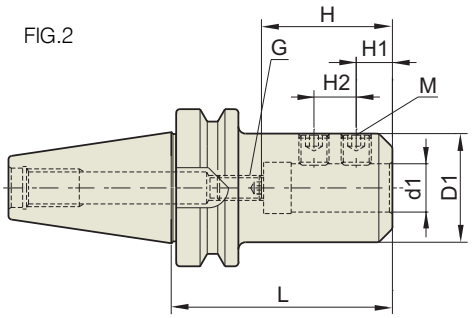


FIG.2



MAS403 -BT	Taper Accuracy	G Value	RPM	Coolant System
	AT3	6.3	12,000	

TAPER No.	CODE No.	d1	L	D1	H		H1	H2	M	G	Weight (kg)	Stock
					MIN	MAX						
30	BT30-SLA 6-60	6	60	25	20	35	18	–	M5	M5	0.7	
	BT30-SLA 8-60	8	60	28	20	35	18	–	M6	M6	0.8	
	BT30-SLA10-60	10	60	35	35	50	14	13	M8	M8	0.9	
	BT30-SLA12-60	12	60	40	35	50	14	13	M10	M10	1.1	
	BT30-SLA14-60	14	60	40	35	50	14	13	M10	M10	1.2	
	BT30-SLA16-75	16	75	40	55	70	25	20	M12	M12	1.3	●
	BT30-SLA20-75	20	75	50	55	70	25	20	M12	M12	1.4	●
	BT30-SLA25-75	25	75	50	55	70	25	20	M14	M12	1.5	●
	BT30-SLA32-105	32	105	60	65	80	30	20	M16	M12	1.6	●
40	BT40-SLA 6-60	6	60	25	20	35	18	–	M5	M5	1.1	
	BT40-SLA 8-60	8	60	28	20	35	18	–	M6	M6	1.1	
	BT40-SLA10-60	10	60	35	35	50	14	13	M8	M8	1.2	
	BT40-SLA12-60	12	60	40	35	50	14	13	M10	M10	1.4	
	BT40-SLA16-90	16	90	40	55	70	25	20	M12	M12	1.5	●
	BT40-SLA20-90	20	90	50	55	70	25	20	M12	M12	1.8	●
	BT40-SLA25-90	25	90	50	55	70	25	20	M14	M12	1.7	●
	BT40-SLA32-90	32	90	60	65	80	30	20	M16	M12	1.9	●
	BT40-SLA40-90	40	90	70	65	80	30	20	M16	M12	1.8	●
	BT40-SLA42-90	42	90	70	65	80	30	20	M16	M12	1.8	●
50	BT50-SLA 6-90	6	90	25	25	40	18	–	M5	M5	3.7	
	BT50-SLA 8-90	8	90	28	25	40	18	–	M6	M6	3.9	
	BT50-SLA10-90	10	90	35	35	50	15	15	M8	M8	4.1	
	BT50-SLA12-90	12	90	40	40	55	15	15	M10	M10	4.3	
	BT50-SLA14-90	14	90	40	40	55	15	15	M10	M10	4.3	
	BT50-SLA16-105	16	105	40	55	70	25	20	M12	M12	4.4	●
	BT50-SLA20-105	20	105	50	55	70	25	20	M12	M12	4.8	●
	BT50-SLA25-105	25	105	50	55	70	25	20	M14	M12	4.7	●
	BT50-SLA32-105	32	105	60	65	80	25	25	M16	M12	4.0	●
	BT50-SLA40-105	40	105	70	65	80	25	25	M16	M12	4.5	●
	BT50-SLA42-105	42	105	70	65	80	25	25	M16	M12	4.7	●
	BT50-SLA50.8-121	50.8	121	95	–	87	34	36	M20	–	5.0	●

END MILL HOLDER

EMH

DIN69871-SK



FIG.1

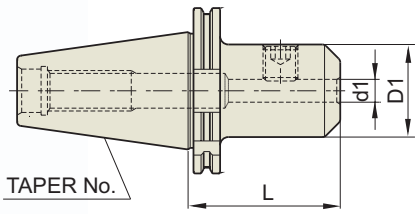
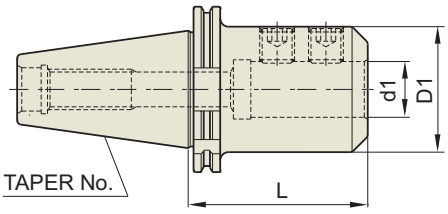


FIG.2



DIN69871 - SK	Taper Accuracy	G Value	RPM	Coolant System
	AT3	6.3	12,000	

■ STUB

TAPER No.	CODE No.	d1	D1	L	FIG.	Weight (kg)	Stock
40	SK40-EMH16-35	16	44	35	1	0.86	
	SK40-EMH20-35	20	44	35	1	0.91	
	SK40-EMH25-60	25	50	60	1	0.97	

■ STANDARD

TAPER No.	CODE No.	d1	D1	L	FIG.	Weight (kg)	Stock
30	SK30-EMH6-50	6	25	50	1	0.73	
	SK30-EMH8-50	8	28	50	1	0.83	
	SK30-EMH10-50	10	35	50	1	0.90	
	SK30-EMH12-50	12	42	50	1	0.90	
	SK30-EMH16-63	16	48	63	1	1.10	
40	SK40-EMH6-50	6	25	50	1	0.86	
	SK40-EMH8-50	8	28	50	1	0.89	
	SK40-EMH10-50	10	35	50	1	0.95	
	SK40-EMH12-50	12	42	50	1	1.03	
	SK40-EMH16-63	16	48	63	1	1.26	
	SK40-EMH20-63	20	52	63	1	1.28	
	SK40-EMH25-100	25	65	100	2	2.28	
	SK40-EMH32-100	32	72	100	2	2.50	
50	SK50-EMH6-63	6	25	63	1	2.70	
	SK50-EMH8-63	8	28	63	1	2.70	
	SK50-EMH10-63	10	35	63	1	2.90	
	SK50-EMH12-63	12	42	63	1	2.90	
	SK50-EMH16-63	16	48	63	1	3.00	
	SK50-EMH20-63	20	52	63	1	3.05	
	SK50-EMH25-80	25	65	80	2	3.73	
	SK50-EMH32-100	32	72	100	2	4.53	
	SK50-EMH40-100	40	80	100	2	4.77	
	SK50-EMH50-100	50	98	120	2	7.03	

▶ Higher balancing grade product could be supplied by customer's request.

END MILL HOLDER

DIN69871-SK FORM AD/B



FIG.1

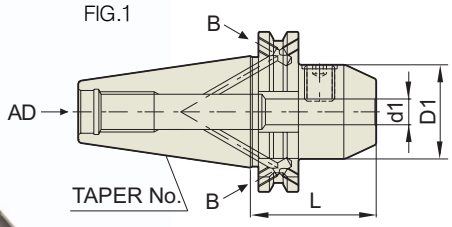
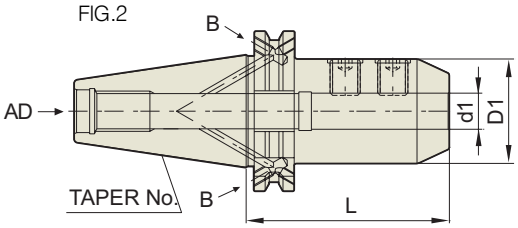


FIG.2



DIN69871 - SK	Taper Accuracy	G Value	RPM	Coolant System
	AT3	6.3	12,000	AD/B

■ STANDARD

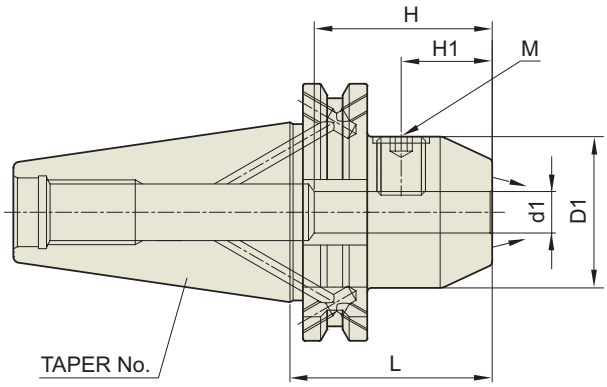
TAPER No.	CODE No.	d1	D1	L	FIG.	Weight (kg)	Stock
40	SK40AD/B-EMH6-50	6	25	50	1	0.86	
	SK40AD/B-EMH8-50	8	28	50	1	0.89	
	SK40AD/B-EMH10-50	10	35	50	1	0.95	
	SK40AD/B-EMH12-50	12	42	50	1	1.03	
	SK40AD/B-EMH16-63	16	48	63	1	1.26	
	SK40AD/B-EMH20-63	20	52	63	1	1.28	
	SK40AD/B-EMH25-100	25	65	100	2	2.29	
	SK40AD/B-EMH32-100	32	72	100	2	2.50	
50	SK50AD/B-EMH6-63	6	25	63	1	2.70	
	SK50AD/B-EMH8-63	8	28	63	1	2.70	
	SK50AD/B-EMH10-63	10	35	63	1	2.90	
	SK50AD/B-EMH12-63	12	42	63	1	2.90	
	SK50AD/B-EMH16-63	16	48	63	1	3.00	
	SK50AD/B-EMH20-63	20	52	63	1	3.05	
	SK50AD/B-EMH25-80	25	65	80	1	3.73	
	SK50AD/B-EMH32-100	32	72	100	1	4.53	
	SK50AD/B-EMH40-100	40	80	100	1	4.77	
	SK50AD/B-EMH50-100	50	98	100	1	7.03	

▶ Higher balancing grade product could be supplied by customer's request.

END MILL HOLDER (SPRAY NOZZLE)

DIN 69871 - SK FORM AD/B





DIN69871 - SK	Taper Accuracy	G Value	RPM	Coolant System
	AT3	6.3	12,000	AD/B

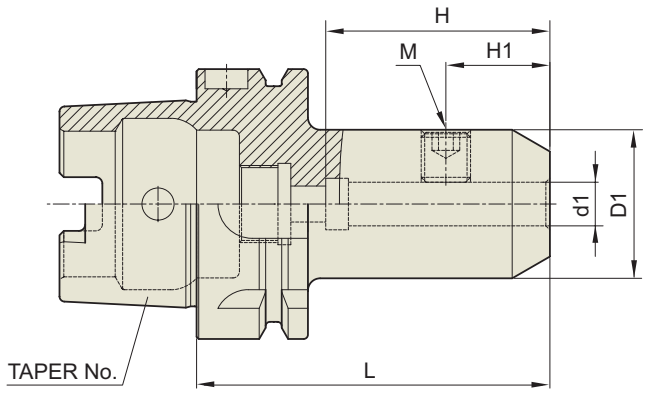
TAPER No.	CODE No.	d1	D1	L	H	H1	M	Weight (kg)	Stock
40	SK40AD/B-EMH6C-50	6	25	50	35	18	M6	0.86	
	SK40AD/B-EMH8C-50	8	28	50	35	18	M8	0.89	
	SK40AD/B-EMH10C-50	10	35	50	35.5	20	M10	0.95	
	SK40AD/B-EMH12C-50	12	42	50	36	22.5	M12	1.03	
	SK40AD/B-EMH14C-50	14	44	50	36	22.5	M12	1.26	
	SK40AD/B-EMH16C-63	16	48	63	46	24	M14	1.28	
	SK40AD/B-EMH18C-63	18	50	63	46	24	M14	1.35	
	SK40AD/B-EMH20C-63	20	52	63	48	25	M16	1.40	
	SK40AD/B-EMH25C-100	25	65	100	55	25	M18	2.29	
	SK40AD/B-EMH32C-100	32	72	100	57	28	M20	2.50	
50	SK50AD/B-EMH6C-63	6	25	63	35	18	M6	2.70	
	SK50AD/B-EMH8C-63	8	28	63	35	18	M8	2.70	
	SK50AD/B-EMH10C-63	10	35	63	35.5	20	M10	2.90	
	SK50AD/B-EMH12C-63	12	42	63	36	22.5	M12	2.90	
	SK50AD/B-EMH14C-63	14	44	63	36	22.5	M12	3.00	
	SK50AD/B-EMH16C-63	16	48	63	46	24	M14	3.00	
	SK50AD/B-EMH18C-63	18	50	63	46	24	M14	3.00	
	SK50AD/B-EMH20C-63	20	52	63	48	25	M16	3.05	
	SK50AD/B-EMH25C-80	25	65	80	55	25	M18	3.73	
	SK50AD/B-EMH32C-100	32	72	100	57	28	M20	4.53	
	SK50AD/B-EMH40C-120	40	90	120	68	32	M20	4.80	

▶ Higher balancing grade product could be supplied by customer's request.

END MILL HOLDER

DIN69893-HSK FORM A





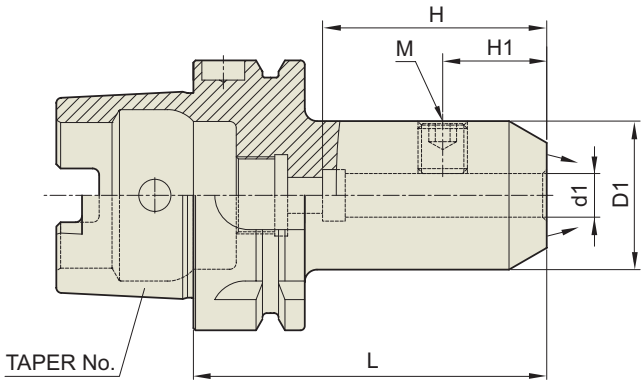
DIN69893 - HSK	Taper Accuracy	G Value	RPM	Coolant System
	AT3	6.3	12,000	

TAPER No.	CODE No.	d1	D1	L	H	H1	M	Weight (kg)	Stock
40A	HSK40A-EMH6-60	6	25	60	35	18	M6	0.30	
	HSK40A-EMH8-60	8	28	60	35	18	M8	0.30	
	HSK40A-EMH10-60	10	35	60	35.5	20	M10	0.30	
	HSK40A-EMH12-70	12	42	70	36	22.5	M12	0.40	
	HSK40A-EMH14-70	14	44	70	36	22.5	M12	0.40	
	HSK40A-EMH16-80	16	48	80	46	24	M14	0.60	
50A	HSK50A-EMH6-65	6	25	65	35	18	M6	0.70	
	HSK50A-EMH8-65	8	28	65	35	18	M8	0.80	
	HSK50A-EMH10-65	10	35	65	35.5	20	M10	0.80	
	HSK50A-EMH12-80	12	42	80	36	22.5	M12	1.20	
	HSK50A-EMH14-80	14	44	80	36	22.5	M12	1.30	
	HSK50A-EMH16-80	16	48	80	46	24	M14	1.30	
	HSK50A-EMH18-80	18	50	80	46	24	M14	1.40	
	HSK50A-EMH20-80	20	52	80	48	25	M16	1.50	
63A	HSK63A-EMH6-65	6	25	65	35	18	M6	0.80	
	HSK63A-EMH8-65	8	28	65	35	18	M8	0.80	
	HSK63A-EMH10-65	10	35	65	35.5	20	M10	0.90	
	HSK63A-EMH12-80	12	42	80	36	22.5	M12	1.10	
	HSK63A-EMH14-80	14	44	80	36	22.5	M12	1.20	
	HSK63A-EMH16-80	16	48	80	46	24	M14	1.30	
	HSK63A-EMH18-80	18	50	80	46	24	M14	1.40	
	HSK63A-EMH20-80	20	52	80	48	25	M16	1.50	
	HSK63A-EMH25-110	25	65	110	55	25	M18	2.30	
	HSK63A-EMH32-110	32	72	110	57	28	M20	2.60	
100A	HSK100A-EMH6-80	6	25	80	35	18	M6	2.15	
	HSK100A-EMH8-80	8	28	80	35	18	M8	2.20	
	HSK100A-EMH10-80	10	35	80	35.5	20	M10	2.35	
	HSK100A-EMH12-80	12	42	80	36	22.5	M12	2.45	
	HSK100A-EMH14-80	14	44	80	36	22.5	M12	2.65	
	HSK100A-EMH16-100	16	48	100	46	24	M14	2.85	
	HSK100A-EMH18-100	18	50	100	46	24	M14	2.90	
	HSK100A-EMH20-100	20	52	100	48	25	M16	2.95	
	HSK100A-EMH25-100	25	65	100	55	25	M18	3.45	
	HSK100A-EMH32-100	32	72	100	57	28	M20	3.65	
	HSK100A-EMH40-120	40	90	120	68	32	M20	5.50	

END MILL HOLDER (SPRAY NOZZLE)

DIN69893-HSK FORM A





DIN69893 - HSK	Taper Accuracy	G Value	RPM	Coolant System
	AT3	6.3	12,000	

TAPER No.	CODE No.	d1	D1	L	H	H1	M	Weight (kg)	Stock
40A	HSK40A-EMH6C-60	6	25	60	35	18	M6	0.30	
	HSK40A-EMH8C-60	8	28	60	35	18	M8	0.30	
	HSK40A-EMH10C-60	10	35	60	35.5	20	M10	0.30	
	HSK40A-EMH12C-70	12	42	70	36	22.5	M12	0.40	
	HSK40A-EMH14C-70	14	44	70	36	22.5	M12	0.40	
	HSK40A-EMH16C-80	16	48	80	46	24	M14	0.60	
50A	HSK50A-EMH6C-65	6	25	65	35	18	M6	0.70	
	HSK50A-EMH8C-65	8	28	65	35	18	M8	0.80	
	HSK50A-EMH10C-65	10	35	65	35.5	20	M10	0.80	
	HSK50A-EMH12C-80	12	42	80	36	22.5	M12	1.20	
	HSK50A-EMH14C-80	14	44	80	36	22.5	M12	1.30	
	HSK50A-EMH16C-80	16	48	80	46	24	M14	1.30	
	HSK50A-EMH18C-80	18	50	80	46	24	M14	1.40	
	HSK50A-EMH20C-80	20	52	80	48	25	M16	1.50	
63A	HSK63A-EMH6C-65	6	25	65	35	18	M6	0.80	
	HSK63A-EMH8C-65	8	28	65	35	18	M8	0.80	
	HSK63A-EMH10C-65	10	35	65	35.5	20	M10	0.90	
	HSK63A-EMH12C-80	12	42	80	36	22.5	M12	1.10	
	HSK63A-EMH14C-80	14	44	80	36	22.5	M12	1.20	
	HSK63A-EMH16C-80	16	48	80	46	24	M14	1.30	
	HSK63A-EMH18C-80	18	50	80	46	24	M14	1.40	
	HSK63A-EMH20C-80	20	52	80	48	25	M16	1.50	
	HSK63A-EMH25C-110	25	65	110	55	25	M18	2.30	
	HSK63A-EMH32C-110	32	72	110	57	28	M20	2.60	
100A	HSK100A-EMH6C-80	6	25	80	35	18	M6	2.15	
	HSK100A-EMH8C-80	8	28	80	35	18	M8	2.20	
	HSK100A-EMH10C-80	10	35	80	35.5	20	M10	2.35	
	HSK100A-EMH12C-80	12	42	80	36	22.5	M12	2.45	
	HSK100A-EMH14C-80	14	44	80	36	22.5	M12	2.65	
	HSK100A-EMH16C-100	16	48	100	46	24	M14	2.85	
	HSK100A-EMH18C-100	18	50	100	46	24	M14	2.90	
	HSK100A-EMH20C-100	20	52	100	48	25	M16	2.95	
	HSK100A-EMH25C-100	25	65	100	55	25	M18	3.45	
	HSK100A-EMH32C-100	32	72	100	57	28	M20	3.65	
	HSK100A-EMH40C-120	40	90	120	68	32	M20	5.50	