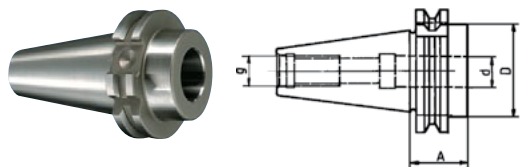


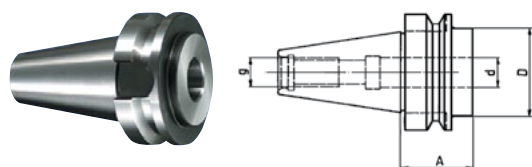
NC shanks DIN 69871A/D and CAT



Order code DIN 69871	Shank	Bore d mm	Dimensions mm			Weight kg
			D	A	g	
S-241	SK40	20	45	35	M16	0.9
S-242	SK40	25	45	35	M16	0.8
S-244	SK40	40	90	122	M16	2.6
S-251	SK50	20	72	35	M24	2.9
S-252	SK50	25	72	35	M24	2.8
S-254	SK50	40	90	112	M24	4.9

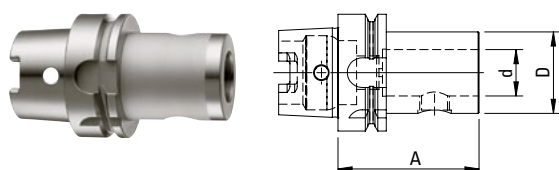
Order code CAT	Shank	Bore d mm	Dimension			Weight kg
			D	A	g	
23951	CAT40	1"	1.75"	1.38"	5/8"-11	0.7
23947	CAT40	25mm	45mm	35mm	5/8"-11	0.7
23954	CAT45	1"	2.25"	1.38"	3/4"-10	1.6
23953	CAT50	1"	2.75"	1.38"	1"-8	2.7
23948	CAT50	25mm	70mm	35mm	1"-8	2.7
23957	CAT50	1 1/2"	2.75"	2.00"	1"-8	2.7
23964	CAT50	40mm	70mm	75mm	1"-8	4.9

NC shanks MAS-BT



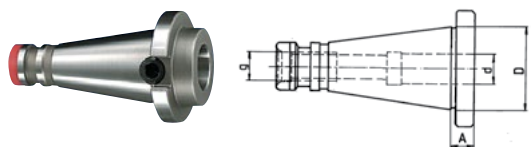
Order code BT	Arbors	Bore d	Dimensions mm			Weight kg
			D	A	g	
23949	BT30	1"	1.81"	1.50"	M12	0.4
23958	BT35	1"	1.50"	1.38"	M16	0.4
23943	BT40	25mm	45mm	35mm	M16	0.8
23952	BT40	1"	1.75"	1.38"	M16	0.8
23955	BT50	1"	2.75"	1.88"	M24	3.6
23945	BT50	25mm	70mm	48mm	M24	3.6
S-354	BT50	40mm	90mm	110mm	M24	5.3

Modular NC shanks HSK-A



Order code	Shank HSK-A	Bore d mm	Dimensions mm			Weight kg
			D	A	g	
S-451	HSK50	25	44	76	0.8	
S-461	HSK63	25	44	76	1.0	
S-463	HSK63A	40	72	120	2.6	
S-481	HSK80	25	65	100	2.7	
S-411	HSK100	25	65	100	3.5	
S-413	HSK100A	40	80	105	4.7	

NC shanks DIN 2080 and NMTB



Order code DIN 2080	Shank	Bore d mm	Dimensions mm			Weight kg
			D	A	g	
S-141	SK40	20	44	24	M16	0.7
S-142	SK40	25	44	24	M16	0.6
S-151	SK50	20	65	34	M24	2.5
S-152	SK50	25	65	34	M24	2.4

Order code NMTB	Shank	Bore d	Dimensions			Weight kg
			D	A	g	
23950	NMTB40	1"	1.75"	.039"	5/8"-11	0.5

NMTB with threaded mount



Order code	NMTB	Thread
23050	NMTB-30	1/2-20
24050	NMTB-40	1/2-20
23087	NMTB-30	7/8-20
24087	NMTB-40	7/8-20
23015	NMTB-30	1 1/2-18
24015	NMTB-40	1 1/2-18
25015	NMTB-50	1 1/2-18
29106	NMTB-50	2 1/4-10

Reducing sleeve

Order code	Outside Ø	Inside Ø
23921	1"	3/4"