

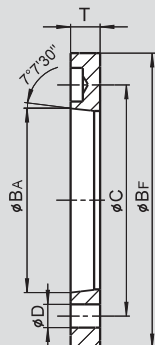
# Mounting adapters on short taper spindle noses

# Chuck adapters

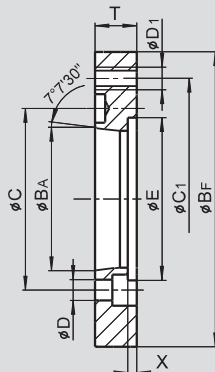
- direct and indirect mounting
- reduction and increase mounting

DIN 55026 / ISO-A 702/1

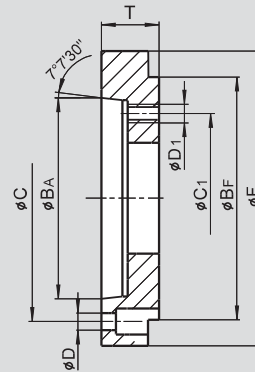
**Type FF 1** - direct  
ISO-A mounting



**Type FF 2** - reduction  
ISO-A mounting



**Type FF 3** - increase  
ISO-A mounting



Subject to technical changes

## Adapters Type FF 1

Adapter Id. No.	Spindle nose	BF mm	BA mm	C mm	D mm	T mm	Mass kg
24141300	A4	115	63.513	82.6	11.5	13	0.6
075421	A5	120	82.563	104.8	10.5	16	0.7
24151400	A5	130	82.563	104.8	11.5	15	0.75
24151600	A5	140	82.563	104.8	11.5	15	1
24151700*	A5	140	82.563	104.8	11.5	24	1.5
24161720	A6	160	106.375	133.4	13.5	17	1.2
24162000	A6	170	106.375	133.4	13.5	17	1.5
24162500*	A6	170	106.375	133.4	13.5	24	2.2
24182500	A8	220	139.719	171.4	17	19	2.7
24182510*	A8	220	139.719	171.4	17	27	4
24183050	A8	280	139.719	171.4	17	19	6.5
24113100	A11	300	196.869	235	21	21	5.5
24113110*	A11	300	196.869	235	21	30	8
24113500	A11	280	196.869	235	21	21	4
24125000	A15	380	285.775	330.2	25	23	8
24127100*	A15	380	285.775	330.2	25	33	11.5
24178000	A20	520	412.775	463.6	27	25	14.5

\* Suggestion: This flange is thicker than the standard one, to be used only if necessary!

## Adapters Type FF 2

Adapter Id. No.	Spindle nose	BF mm	BA mm	C mm	D mm	C1 mm	D1 mm	E mm	X mm	T mm	Mass kg
24141400	A4	130	63.513	82.6	11.5	104.8	M10	-	-	20	1.2
24141600	A4	140	63.513	82.6	11.5	104.8	M10	-	-	20	1.6
24151720	A5	160	82.563	104.8	11.5	133.4	M12	-	-	24	2.2
24152000	A5	170	82.563	104.8	11.5	133.4	M12	-	-	24	2.7
24152500	A5	220	82.563	104.8	11.5	171.4	M16	-	-	24	5.5
24162530	A6	220	106.375	133.4	13.5	171.4	M16	-	-	24	5
24163100	A6	300	106.375	133.4	13.5	235	M20	155	10	30	11
24163500	A6	280	106.375	133.4	13.5	235	M20	-	-	30	9
24183100	A8	300	139.719	171.4	17	235	M20	-	-	30	11.5
24184000*	A8	300	139.719	171.4	17	235	M20	155	10	40	15.5
24185000	A8	380	139.719	171.4	17	330.2	M24	197	10	40	24
24115000	A11	380	196.869	235	21	330.2	M24	197	10	40	21
24116100	A11	520	196.869	235	21	463.6	M24	267	12	45	54
24126100	A15	520	285.775	330.2	25	463.6	M24	-	-	40	40
24179400	A20	720	412.775	463.6	27	647.6	M30	-	-	50	93

\* Suggestion: This flange is thicker than the standard one, to be used only if necessary!

## Adapters Type FF 3

Adapter Id. No.	Spindle nose	BF mm	BA mm	C mm	D mm	C1 mm	D1 mm	F mm	T mm	Mass kg
24151310	A5	115	82.563	104.8	11.5	82.6	M10	127	30	1.7
24161310	A6	115	106.375	133.4	13.5	82.6	M10	165	35	3.5
24161410	A6	130	106.375	133.4	13.5	104.8	M10	165	35	3.4
24161610	A6	140	106.375	133.4	13.5	104.8	M10	165	35	3.3
24181710	A8	140	139.719	171.4	17	104.8	M10	210	35	5.2
24181720	A8	160	139.719	171.4	17	133.4	M12	210	40	5.8
24182010	A8	170	139.719	171.4	17	133.4	M12	210	40	6.2
24112510	A11	220	196.869	235	21	171.4	M16	280	45	11.8
24123110	A15	300	285.775	330.2	25	235	M20	380	50	22
24175000	A20	380	412.777	463.6	27	330.2	M24	520	58	55