



The spindles in the FIV range are tool holders designed for the most varied areas of application. Many tried and tested design features have been implemented into this series.

FIV series

Standard spindles for belt drive with internal taper on the working side

- Pretensioning of the precision bearing groups using a spring system that does not have to be readjusted
- Long-lasting grease lubrication
- Non-wearing labyrinth seal system
- Spindles are completely balanced dynamically
- Taper true running ≤ 0.002 mm

Options/special solutions:

- Air seal
- Other Dimensions and versions on request

FIV models

Description		Clamping length			Dimensions [mm]																max. Speed
Type	D	L	L1	K	K1	S	U	Y	R	O	a	b	f	i	i1	g	h	h1	SW	[rpm]	
FIV	45	• 160	142	15	14	19	7	4.5	5	7	10	15	6.3	23	17	5	M4	M6	12	35'000	
FIV	60	• 160	137	25	24	29	11	6.5	6	8	16	25	8.3	45	22	5.5	M8	M8	22	24'000	
FIV	60	• 250	227	25	24	29	11	6.5	6	8	16	25	8.3	45	22	5.5	M8	M8	22	24'000	
FIV	80	• 250	227	35	34	42	13	8.5	6	10	24	32	12	61	30	8	M12	M12	30	17'000	
FIV	80	• 315	292	35	34	42	13	8.5	6	10	24	32	12	61	30	8	M12	M12	30	17'000	
FIV	100	• 250	227	50	48	65	15	8.5	3	10	34	45	12	74	30	8	M12	M12	41	12'000	

Direction of rotation to R or L (please specify without fail when ordering)

Sample order: FIV45R160 oder FIV45L160

