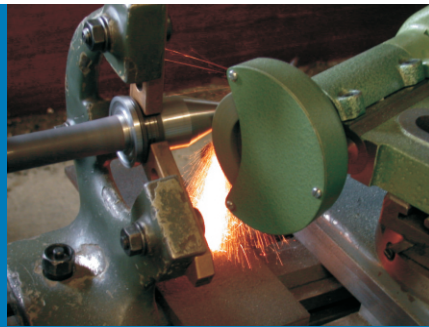


Tool post grinder



Made in Switzerland

Tool post grinder

The grinding device **ES** can be used as single grinder as well as tool post grinder. It is a very simple handling and fits for various applications. It is indispensable for:

- Machining of large workpiece sizes
- Grinding of individual parts
- For turning and grinding operations in one set-up
- Various applications in the manufacturing of molds, dies and fixtures
- Grinding of rubber and synthetic materials
- For dressing with carbide and diamond wheels/tools
- ID and OD grinding possible with same spindle

The tool post grinder ES is offered in 6 different sizes:

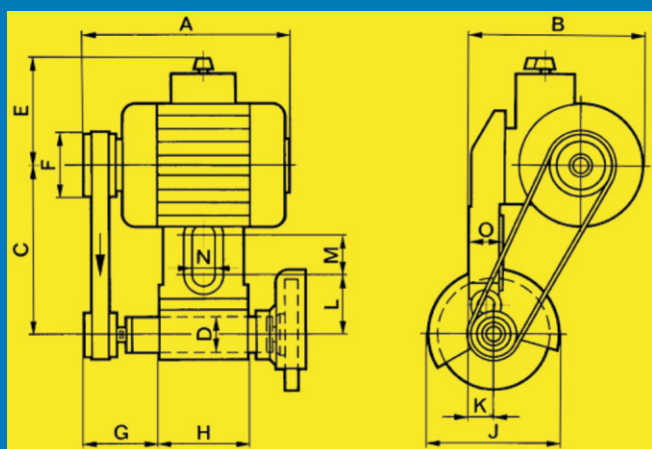
Properties

- Robust design suitable for many applications
- Quick adjusting to the centerheight needed due to swivelling spindle holder
- Universal precision grinding spindle for ID and OD grinding
- Compact vibration free construction
- Lubrication for life
- Left and right hand unit available

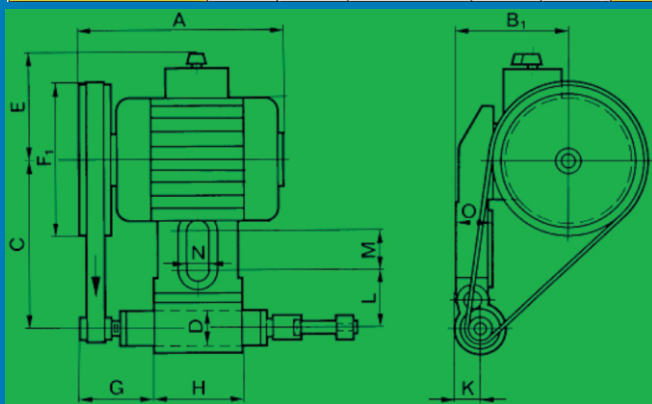


Device	Centerheight	Weight	Motor	
ES - 32	100 - 130 mm	10,5 kg	0,125 kW	3000 min-1
ES - 40	130 - 160 mm	16,0 kg	0,28 kW	3000 min-1
ES - 50	160 - 200 mm	25,0 kg	0,55 kW	3000 min-1
ES - 60	200 - 250 mm	38,0 kg	1,1 kW	3000 min-1
ES - 80	250 - 300 mm	76,0 kg	1,5 kW	3000 min-1
ES - 100	> 300 mm	156 kg	3,0 kW	1500 min-1

Tool post grinder



Device	Measurements														Spindle
Typ	A	B	C	D	E	F	G	H	J	K	L	M	N	O	Typ
ESA 32	182	148	153-168	32	121	55	67	80	96	12-32	54	36	20	30	L 32
ESA 40	206	170	180-200	40	125	80	74	90	150	13-40	65,5	45	25	36	L 40
ESA 50	232	192	203-223	50	130	80	86	100	180	15-46	83	45	31	44	L 50
ESA 60	263	222	250-280	60	134	90	102	115	210	18-60	98	55	37	54	L 60
ESA 80	332	260	300-335	80	138	100	132	140	295	23-72	122	65	46	70	L 80
ESA 100	416	330	400-440	100	174	140	167	170	400	24-90	165	100	54	90	L 100



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Device	Measurements													Spindle
Typ	A	B1	C	D	E	F1	G	H	K	L	M	N	O	Typ
ESI 32	182	92	153-168	32	121	140	67	80	12-32	54	36	20	30	L 32
ESI 40	206	106	180-200	40	125	160	74	90	13-40	65,5	45	25	36	L 40
ESI 50	232	122	203-223	50	130	180	86	100	15-46	83	45	31	44	L 50
ESI 60	263	142	250-280	60	134	200	102	115	18-60	98	55	37	54	L 60
ESI 80	332	170	300-335	80	138	200	132	140	23-72	122	65	46	70	L 80
ESI 100	416	218	400-440	100	174	280	167	170	24-90	165	100	54	90	L 100