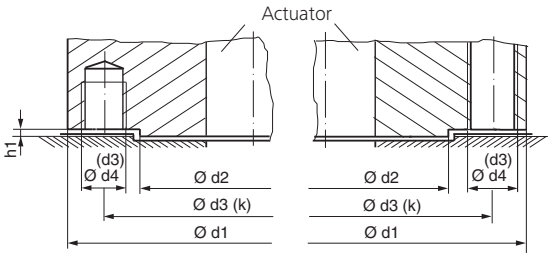
Dimensions Valve attachments for actuators and gearboxes

EN ISO 5210/EN ISO 5211/DIN 3210/DIN 3338

Comparison between EN ISO 5210/EN ISO 5211 and DIN 3210/DIN 3338

EN ISO 5210	Multi-turn valve actuator attachments
EN ISO 5211	Part-turn valve actuator attachments
DIN 3210	Output drives of electric actuators for valves (Standard withdrawn)
DIN 3338	Multi-turn actuator attachments, type C

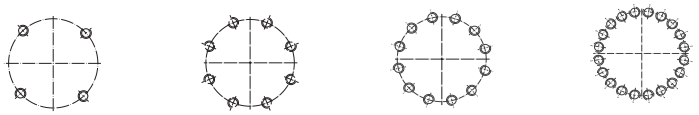


Designations deviating from EN ISO are indicated in brackets

Flange abbreviation			Dimensions (in mm)										Quantity of screws and bolts	
EN ISO 5210 DIN 3338	EN ISO 5211	DIN 3210	EN ISO 5210 5211 DIN 3338 Ø d1	DIN 3210 Ø d1	EN ISO 5210 5211 DIN 3338 Ø d2	DIN 3210 Ø d2	EN ISO 5210 5211 DIN 3338 Ø d3	DIN 3210 (k)	EN ISO 5210 5211 DIN 3338 Ø d4	DIN 3210 (d3)	ENI ISO 5210 5211 DIN 3338 h1 max.	DIN 3210 h1 max.	EN ISO 5210 5211 DIN 3338	DIN 3210
–	F03	–	46	–	25	–	36	–	M5	–	3	–	4	–
–	F04	–	54	–	30	–	42	–	M5	–	3	–	4	–
–	F05	–	65	–	35	–	50	–	M6	–	3	–	4	–
F07	F07	–	90	–	55	–	70	–	M8	–	3	–	4	–
F10	F10	G0	125	125	70 [1]	60 [1]	102	102	M10	M10	3	3	4	4
F12	F12	–	150	–	85	–	125	–	M12	–	3	–	4	–
F14	F14	G1/2	175	175	100	100	140	140	M16	M16	4	4	4	4
F16	F16	G3	210	210	130	130	165	165	M20	M20	5	5	4	4
F25	F25	G4	300	300	200 [1]	160 [1]	254	254	M16	M16	5	5	8	8
F30	F30	G5	350	350	230 [1]	180 [1]	298 [1]	300 [1]	M20	M20	5	5	8	8
F35	F35	G6	415 [1]	410 [1]	260 [1]	220 [1]	356	356	M30	M30	5	5	8	8
F40	F40	G7	475	475	300 [1]	230 [1]	406	406	M36	M36	8	8	8	8
–	F48	–	560	–	370	–	483	–	M36	–	8	–	12	–
–	F60	–	686	–	470	–	603	–	M36	–	8	–	20	–

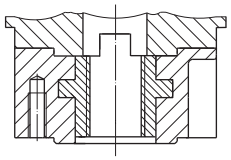
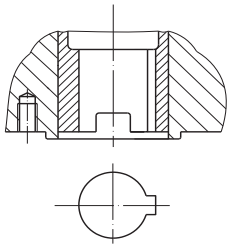
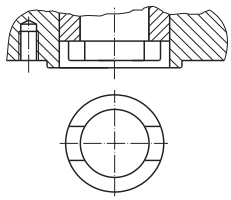
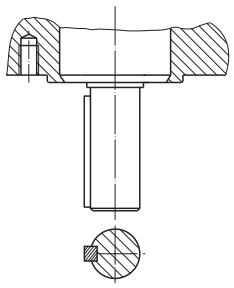
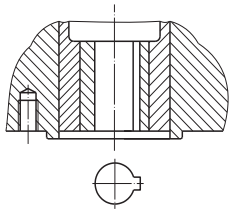
1) Deviating dimensions between EN ISO 5210/EN ISO 5211/DIN 3338 and DIN 3210

Arrangement of bores for screws Ø d4 (d3)



EN ISO 5210	F07 – F16	F25 – F40	–	–
EN ISO 5211	F03 – F16	F25 – F40	F48	F60
DIN 3210	G0 – G3	G4 – G7	–	–
DIN 3338	F07 – F16	F25 – F40	–	–

EN ISO 5210/DIN 3210/DIN3338

	Designation			Torque transmission	Thrust possible	Application
	EN ISO 5210	DIN 3210	DIN 3338			
stem nut 	A	A	–	X	X	rising, non-rotating valve stem
Output drive plug sleeve 	B 1 B 2	B	–	X	–	rotating, non-rising valve stem or rising, non-rotating valve stem
Dog coupling 	–	C	C	X	–	rotating, non-rising valve stem or rising, non-rotating valve stem
Shaft end 	–	D	–	X	–	Operation via lever arrangement or coupling
Bore with keyway 	B 3 B 4	E	–	X	–	rotating, non-rising valve stem