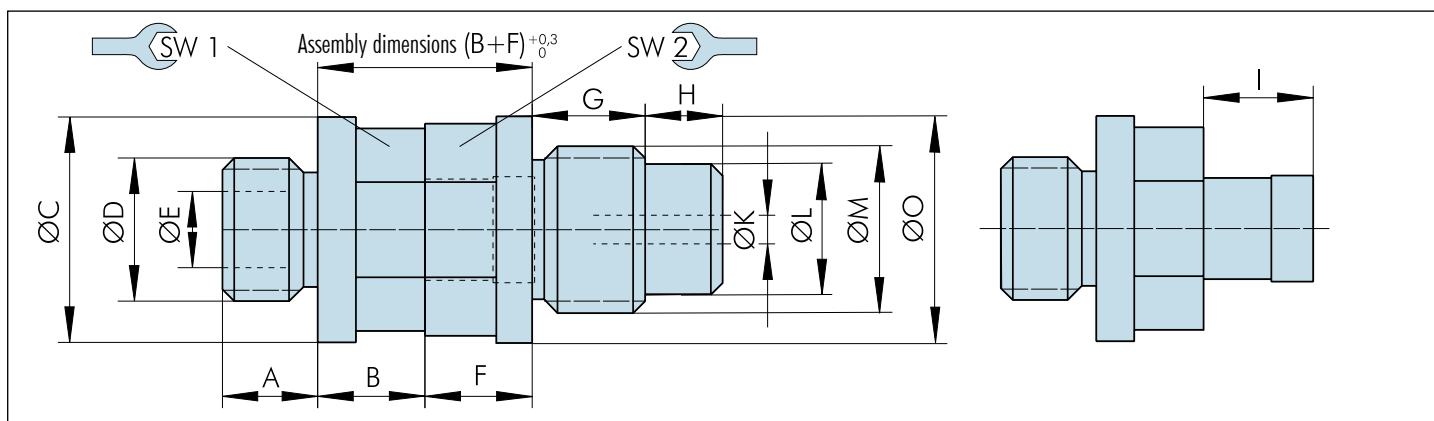
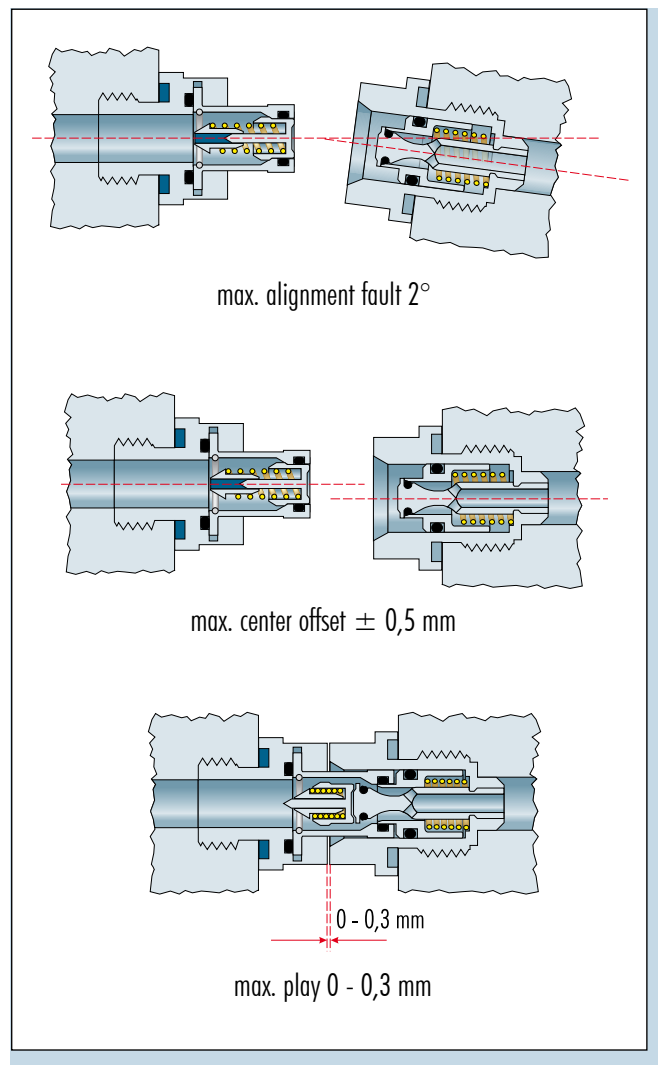


Locking and coupling

Because the **CyTab** is self-locking in the locked position, the energy can be decoupled. This means that it is not necessary to install rotary transmission leadthroughs or other expensive constructions. A reliable and precise system for energy coupling and decoupling with the lowest possible losses through leaks is the **CyFit** quick-action coupling system. This has a very compact construction and at the same time it guarantees extremely low flow-resistance with high through-flow speeds. Thanks to the integrated offset and angle compensation system it is possible to compensate for production tolerances and inaccuracies during joining (see opposite). This usually means no need for additional tool holder screw threads, precentring devices and guides.

In addition, a special packing arrangement enables practically leakproof coupling and separating. Trapped air and impurities are avoided.

CyTab and **CyFit** represent the ideal combination of clamping and coupling systems. They guarantee trouble-free highly efficient working on modern machining centres with the shortest possible set-up times.



Coupling force under pressure: $F_K = 0,1 \cdot p \cdot Z_{hydr}$ [N] ; (p=operating pressure in bar)

Male fitting								Female connector								max. pressure	max. flow [l/min]	Z _{hydr} [mm²]	
Order-no.	A	B	ØC	ØD	ØE	I	SW1	Order-no.	F	G	H	ØK	ØL	ØM	ØO				SW2
QC/M06-N	8	9	17.5	M 12x1,5	6,4	8,8	16	QC/F06-N	9	10,5	3,5	2,4	7	M 14x1,5	19	16	80 bar	4	126
QC/M08-N	10	9	20.5	M 14x1,5	8,8	10,1	18	QC/F08-N	9	11	9	4	14,5	M 18x1,5	24	18	80 bar	12	133
QC/M10-N	10	9	24	M 18x1,5	10,8	13,7	22	QC/F10-N	9	16	10	5,4	17,5	M 20x1,5	25	22	80 bar	20	196
QC/M12-N	10	9	27	M 20x1,5	12,7	15,7	24	QC/F12-N	9	18	11	8,2	19,5	M 22x1,5	27	24	80 bar	30	243
QC/M14-N	12	10	32	M 22x1,5	15,9	17,9	28	QC/F14-N	8	20	17	11	24	M 27x2,0	32	28	80 bar	45	366
QC/M16-N	12	12	41	M 27x2,0	20,2	22,7	36	QC/F16-N	6	25	29	14	32	M 36x2,0	48	48	80 bar	68	585
QC/M06-H	8	9	19	M 12x1,5	6,4	9,2	17	QC/F06-H	9	12,5	3,5	2,4	7	M 14x1,5	19	16	200 bar	4	126
QC/M08-H	10	9	24	M 14x1,5	9	11,2	22	QC/F08-H	9	12	10	4	14,5	M 18x1,5	24	20	200 bar	12	133