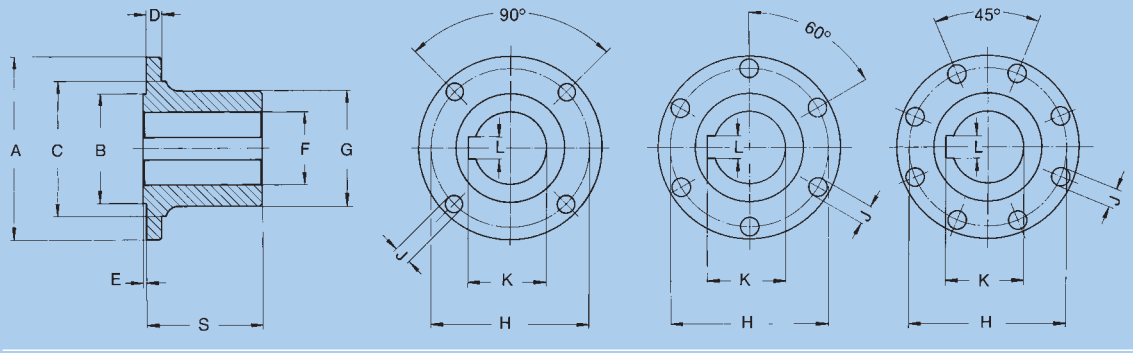
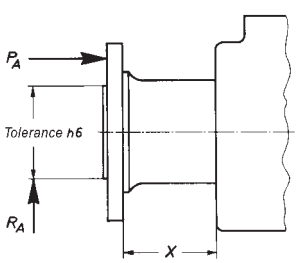
One keyway is not enough to transmit the max. torque. In such case a second keyway or an internal spline is recommended.



Companion Flanges

Order number		1.105.240	1.106.240	1.107.240	1.109.240	1.110.240	1.112.240	1.113.240	1.148.240	1.158.240	1.117.240	1.120.240	1.122.240
for joint size	Nm	**0.105**	**0.106**/0.105	**0.107**/0.106	**0.109**/0.107	**0.110**/0.109	**0.112**/0.110	**0.113**	**0.148**	**0.158**	**0.117**	**0.120**	**0.122**
A	mm	58	65	75	90	100	120	120	150	150	180	225	250
B_{h6}	mm	30	35	42	47	57	75	75	90	90	110	140	140
$C_{-0,2}$	mm	38,8	41,8	51,8	61,2	70,7	88,2	84,1	110,6	110,6	131	171,5	190
D	mm	4	5	6	8	8	9	10	10	12	14	15	18
$E_{-0,2}$	mm	1,4	1,6	1,9	2,3	2,3	2,3	2,3	2,8	2,8	2,8	4,5	5,5
F^{H7}	mm	20	25	30	35	40	45	55	60	65	80	110	110
G	mm	32	40	45	52	60	80	80	95	95	118	165	188
$H^{\pm 0,1}$	mm	47	52	62	74,5	84	101,5	101,5	130	130	155,5	196	218
J^{B12}	mm	5	6	6	8	8	8	10	12	12	16	16	18
K	mm	22,8	28,3	33,3	38,3	43,3	48,8	59,3	64,4	69,4	85,4	116,4	116,4
L^{P9}	mm	6	8	8	10	12	14	16	18	18	22	28	28
S	mm	30	40	48	55	62	70	85	100	115	125	170	280
Number of flange holes		4	4	6	4	6	8	8	8	8	8	8	8



When companion flanges are produced in-house, the following shoud be observed:

1. Flange surface finish should not exceed 25 µm.
2. The configuration of the companion flanges must be such, that distance „X" is at least as long as tbe bolt, included the head.
3. To operate in a trouble-free manner, there must be a good concentricity between the companion flanges and Universal Joint flanges. On high speed shafts face P_A run out and concentricity deviation R_A should not exceed 0,04 mm .