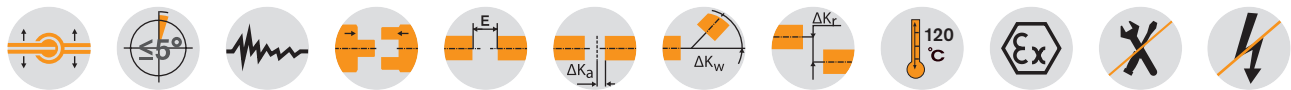
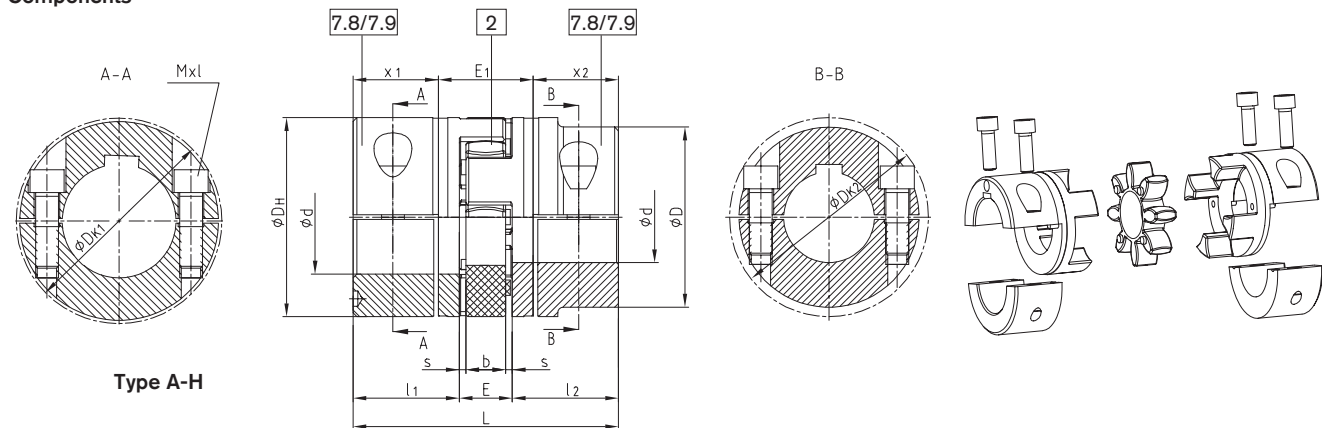


# Drop-out center design coupling



## Components



Type A-H

## ROTEX® Type A-H

Size	Max. finish bore $\varnothing d$ [mm]	Dimensions [mm]											Cap screws DIN EN ISO 4762	
		L	$l_1; l_2$	E	b	s	$D_H$	D	$D_{K1}$	$D_{K2}$	$x_1/x_2$	$E_1$	Mxl	Tightening torque $T_A$ [Nm]
19	20	66	25	16	12	2,0	40	—	46	—	17,5	31	M6x16	14
24	28	78	30	18	14	2,0	55	—	57,5	—	22,5	33	M6x20	14
28	38	90	35	20	15	2,5	65	—	73	—	25,5	39	M8x25	35
38	45	114	45	24	18	3,0	80	—	83,5	—	35,5	43	M8x30	35
42	50	126	50	26	20	3,0	95	85	—	93,5	39	48	M10x30	69
	—							97	—					
48	55	140	56	28	21	3,5	105	95	—	105	45	50	M12x35	120
	—							108,5	—					
55	65	160	65	30	22	4,0	120	110	—	119,5	50	60	M12x40	120
	70							—	122	—				
65	70	185	75	35	26	4,5	135	115	—	123,5	60	65	M12x40	120
	80							—	132,5	—				
75	80	210	85	40	30	5,0	160	135	—	147,5	67,5	75	M16x50	295
	90							—	158	—				
90	90	245	100	45	34	5,5	200	160	—	176	81,5	82	M20x60	580
	110							—	197	—				
100 <sup>1)</sup>	110	270	110	50	38	6,0	225	180	—	185,5	84	102	M16x50	295
110 <sup>1)</sup>	120	295	120	55	42	6,5	255	200	—	208	90	115	M20x60	580
125 <sup>1)</sup>	140	340	140	60	46	7,0	290	230	—	242,5	105	130	M24x70	1000

Please note:

With maximum bore the feather keyways are offset to each other by approx. 5°!

Hub material up to size 90: steel, from size 100: GJS

7.8= Shell clamping hub without feather key With 25 m/sec. dynamic balancing is required

Applying for 7.8 only: from a circumferential speed of 25 m/sec. the frictional torque of shaft/hub has to be reviewed. Please consult with KTR engineering department.

7.9= Shell clamping hub with feather key max. circumferential speed of 35 m/sec. From a circumferential speed of 25 m/sec. dynamic balancing is required.

Speed: max. circumferential speed of 25 m/sec. on the outside diameter  $D_H$  of the coupling

<sup>1)</sup> From size 100: 4 clamping screws for each clamping hub.

### Ordering example:

ROTEX® 38	A-H	98 Sh-A	7.8	$\varnothing 38$	7.8	$\varnothing 30$
Coupling size	Type	Spider hardness	Hub type	Finish bore	Hub type	Finish bore