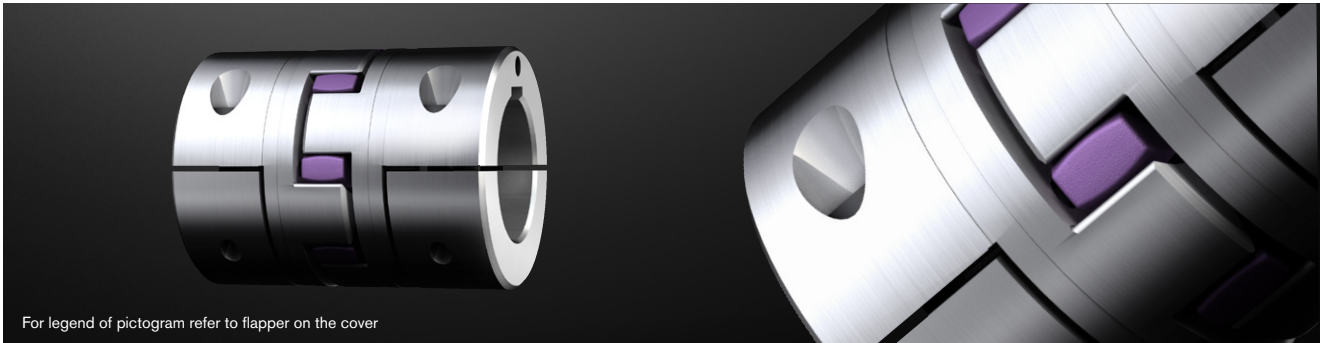


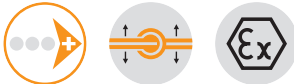
ROTEX® AH

Flexible jaw couplings

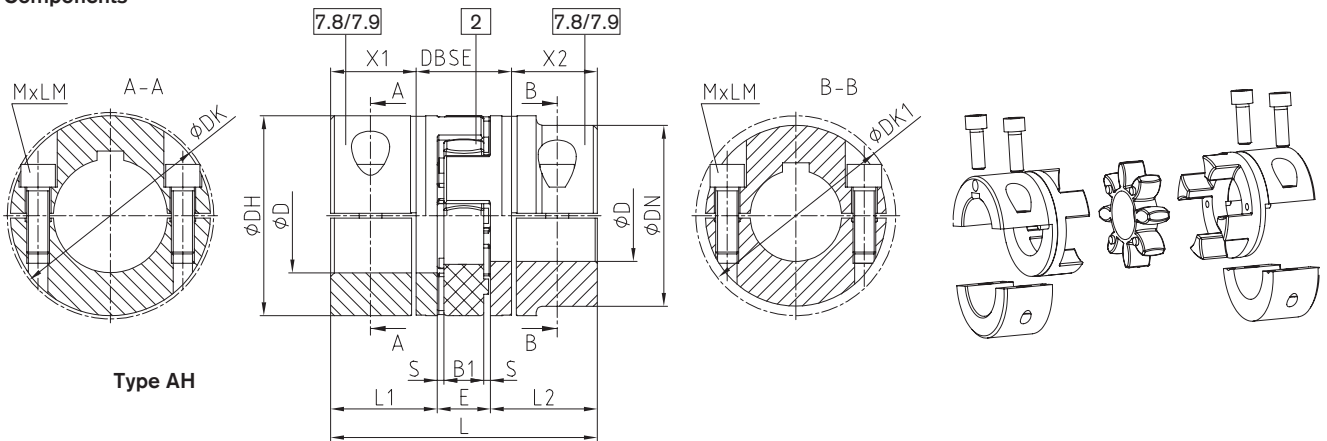
Drop-out center design coupling



For legend of pictogram refer to flapper on the cover



Components



Type AH

ROTEX® Type AH														
Size	Max. finish bore D	Dimensions [mm]											Cap screws DIN EN ISO 4762	
		L	L1, L2	E	B1	S	DH	DN	DK	DK1	X1, X2	DBSE	MxLM	Tightening torque T _A [Nm]
19	20	66	25	16	12	2.0	40	—	46.0	—	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	—	73.0	—	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	39.0	48	M10x30	69
	—							97.0	—					
48	55	140	56	28	21	3.5	105	95	—	105.0	45.0	50	M12x35	120
	—							108.5	—					
55	65	160	65	30	22	4.0	120	110	—	119.5	50.0	60	M12x40	120
	70							—	122.0	—				
65	70	185	75	35	26	4.5	135	115	—	123.5	60.0	65	M12x40	120
	80							—	132.5	—				
75	80	210	85	40	30	5.0	160	135	—	147.5	67.5	75	M16x50	295
	90							—	158.0	—				
90	90	245	100	45	34	5.5	200	160	—	176.0	81.5	82	M20x60	580
	110							—	197.0	—				
100 ¹⁾	110	270	110	50	38	6.0	225	180	—	185.5	84.0	102	M16x50	295
110 ¹⁾	120	295	120	55	42	6.5	255	200	—	208.0	90.0	115	M20x60	580
125 ¹⁾	140	340	140	60	46	7.0	290	230	—	242.5	105.0	130	M24x70	1000

CAUTION:

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 = Half shell clamping hub without feather keyway max. circumferential speed of $v = 35$ m/s.

From a circumferential speed of $v = 25$ m/s the frictional torque of shaft/hub has to be reviewed. Please consult with KTR.

7.9 = Half shell clamping hub with feather keyway max. circumferential speed of $v = 35$ m/s. From a circumferential speed of $v = 25$ m/s dynamic balancing is required.

Speed: max. circumferential speed of 25 m/s on the outside diameter DH of the coupling

¹⁾ From size 100: 4 clamping screws for each clamping hub

Ordering example:

ROTEX® 38	AH	98 ShA	7.8	Ø38	7.8	Ø30
Coupling size	Type	Spider hardness	Hub type	Finish bore	Hub type	Finish bore