

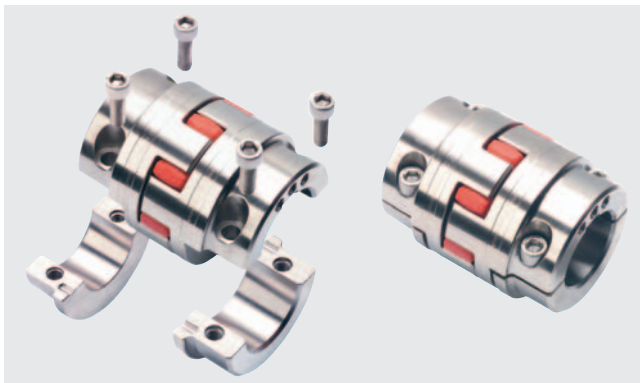
ROTEX® Torsionally flexible couplings

Flange programm

Design A-H

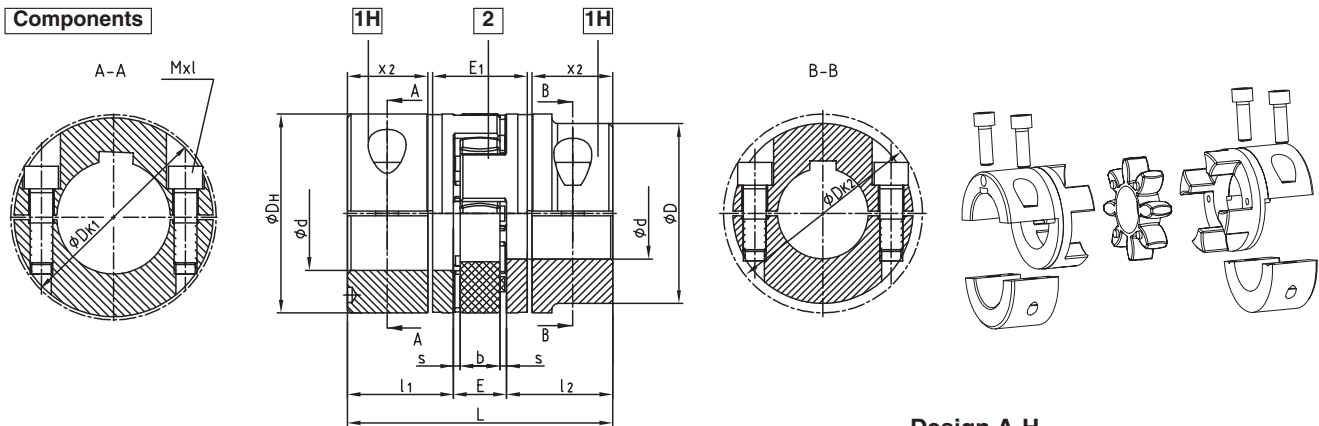


ROTEX
POLY-NORM
POLY-REV
REVOLUX KX
Tyre couplings



- Assembly/disassembly by means of 4 screws only
- Exchange of spider with no need to shift the driving and driven side (motor and pump)
- Positive-locking and frictionally engaged hub combinations to be assembled radially (dimension E1 of design AFN = dimension E1 of A-H)
- Finish bore according to ISO tolerance H7, feather key according to DIN 6885 sheet 1 - JS9
- Please order our separate dimension sheet (M425460)
- Approved according to EC Standard 94/9/EC (Explosion Certificate ATEX 95)
- Mounting instructions under www.ktr.com

Components



Design A-H

Size A-H	Component	Finish bore Ød _{max.} [mm]	Dimensions [mm]											Cylinder screws DIN EN ISO 4762	
			L	l ₁ ; l ₂	E	b	s	D _H	D	D _{K1}	D _{K2}	x ₂	E ₁	Mx1	T _A [Nm]
19	1H	20	66	25	16	12	2	40	-	46	-	16	31	M6x16	14
24	1H	28	78	30	18	14	2	55	-	57,5	-	21	33	M6x20	14
28	1H	38	90	35	20	15	2,5	65	-	73	-	23,5	39	M8x25	35
38	1H	45	114	45	24	18	3	80	-	83,5	-	33,5	43	M8x30	35
42	1H	50	126	50	26	20	3	95	85	-	93,5	36,5	48	M10x30	69
		-							97	-					
48	1H	55	140	56	28	21	3,5	105	95	-	105	42,5	50	M12x35	120
		-							108,5	-					
55	1H	65	160	65	30	22	4	120	110	-	119,5	47,5	60	M12x40	120
		-							122	-					
65	1H	70	185	75	35	26	4,5	135	115	-	123,5	57	65	M12x40	120
		-							132,5	-					
75	1H	80	210	85	40	30	5	160	135	-	147,5	64,5	75	M16x50	295
		-							158	-					
90	1H	90	245	100	45	34	5,5	200	160	-	176	78,5	82	M20x60	580
		-							197	-					
100 ¹⁾	1H	110	270	110	50	38	6	225	180	-	185,5	81	102	M16x50	295
110 ¹⁾	1H	120	295	120	55	42	6,5	255	200	-	208	87	115	M20x60	580
125 ¹⁾	1H	140	340	140	60	46	7	290	230	-	242,5	102	130	M24x70	1000

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

Please note:

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

Hub materials: up to size 90 S355J2G3
from size 100 EN-GJS-400-15

Order form:

ROTEX®-38	A-H	98	1H	Ø38	1H	Ø30
Coupling size	Design	Spider hardness [Sh A]	Component	Finish bore Ød ₁	Component	Finish bore Ød ₂