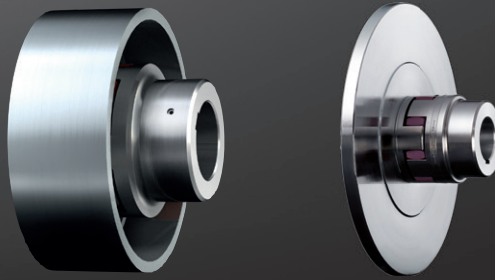


ROTEX® BTAN and SBAN Flexible jaw couplings

With brake drum/with brake disk



For legend of pictogram refer to flapper on the cover



ROTEX® Type BTAN and SBAN

Size	Pilot bore, D, DN, DN1	Max. finish bore D1		Dimensions [mm]										
		GJS	steel	L	DH	DI1	D4	D5	Z	pitch ¹⁾	M	T _A [Nm]	L1, L2	E
38	Jaw coupling: page 38 to 40 Stock programme: page 36 and 37	-	37	114	80	38	66	50	8	8 x 45°	M8	35	45	24
42		-	44	126	95	46	80	60	12	16 x 22.5°	M8	41	50	26
48		-	50	140	105	51	90	68	12		M8	41	56	28
55		-	57	160	120	60	102	78	8	8 x 45°	M10	83	65	30
65		-	68	185	135	68	116	92	12	16 x 22.5°	M10	83	75	35
75		-	78	210	160	80	136	106	15		M12	120	85	40
90		-	104	245	200	100	172	140	15		M16	295	100	45
100		100	-	270	225	113	195	156	15	20 x 18°	M16	295	110	50
110		110	-	295	255	127	218	176	15		M20	580	120	55
125		130	-	340	290	147	252	204	15		M20	580	140	60

Brake drum	Type BTAN										Speed rpm [V] (30 m/s)	Brake disk	Type SBAN										Speed rpm [V] (30 m/s)
	ROTEX® BTAN dimension "AB"												ROTEX® SBAN dimension "AS"										
	38	42	48	55	65	75	90	100	110	125		38	42	48	55	65	75	90	100	110	125		
160x60	14										3550	200x12.5	31.25										2800
200x75	9	12	17	24							2800	250x12.5	31.25	34.25	39.25								2240
250x95	1	4	9	16	25	33					2240	315x16		32.5	37.5	44.5	53.5	61.5					1800
315x118		-5	0	7	16	24	36				1800	400x16			37.5	44.5	53.5	61.5	73.5	81.5	88.5		1400
400x150		-18	-13	-6	3	11	23	31	38		1400	500x16				44.5	53.5	61.5	73.5	81.5	88.5	104.5	1120
500x190					-12	-4	8	16	23	39	1120	630x20					51.5	59.5	71.5	79.5	86.5	102.5	900
630x236						-22	-10	-2	5	21	900	710x20					51.5	59.5	71.5	79.5	86.5	102.5	800
710x265								-13	-6	10	800	800x25						69	77	84	100	710	
800x300										-4	710	900x25									84	100	630

¹⁾ Thread in the hub between the cams.

Other sizes on request according to dimension sheet:

BTAN: M380821

SBAN straight: M380822; cranked: M 370065

FNN hub: M 380823

Finish bore according to ISO fit H7, feather keyway according to DIN 6885, sheet 1 [JS9].

Ordering example:

ROTEX® 38	BTAN	Ø200x75	98 ShA	1Nd	Ø34	1	Ø30
Coupling size	Type	Brake drum Ø x width	Spider hardness	Component	Finish bore	Component	Finish bore