

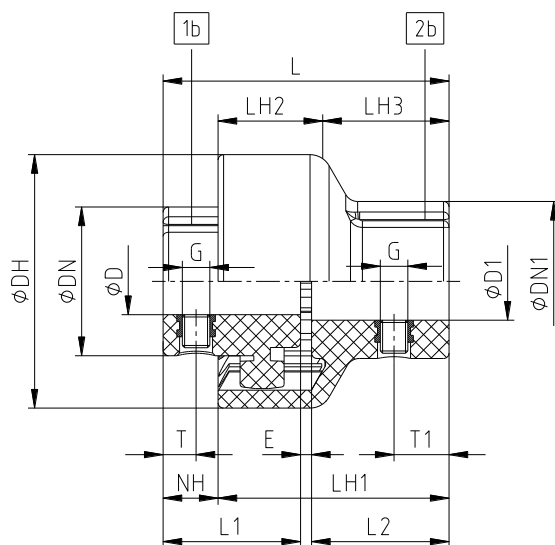
**1 Technical data**

Illustration 1: BoWex® junior plug-in coupling (two-part)

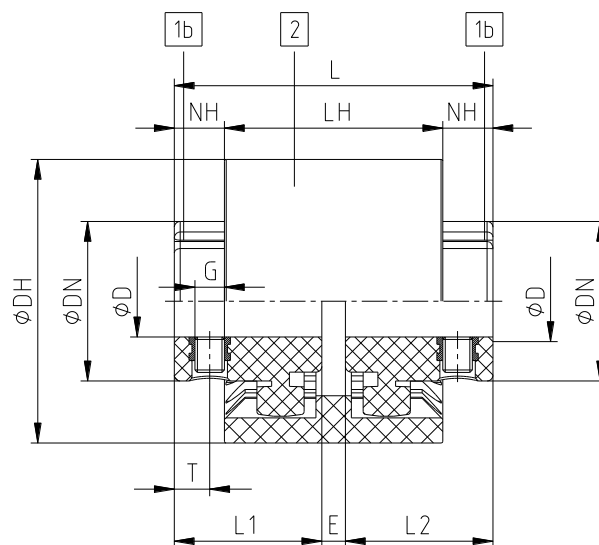


Illustration 2: BoWex® junior M coupling (three-part)

Table 1: Dimensions - BoWex® junior plug-in coupling (two-part)

Size	Finish bores [mm]		Dimensions ¹⁾ [mm]									
	D	D1	DH	DN	DN1	L	L1, L2	E	LH1	LH2	LH3	NH
14	Ø6, Ø7, Ø8, Ø9	Ø8	40	22	22	48	23	2	40	18.5	21.5	8
	Ø10, Ø11	Ø10, Ø11		25	25							
	Ø12, Ø14	Ø12, Ø14		26	26							
19	Ø12, Ø14	Ø14, Ø15	47	27	29	52	25	2	42	19.0	23.0	10
	Ø16			30								
	Ø19	Ø19		32	35							
24	Ø10, Ø11, Ø12	Ø14, Ø16	53	26	32	54	26	2	45	21.5	23.5	9
	Ø14, Ø15, Ø16			32								
	Ø18, Ø19, Ø20	Ø19, Ø20		36	36							
	Ø24	Ø24		38	40							

1) For dimensions G, T and T1 see table 6

Table 2: Dimensions - BoWex® junior M coupling (three-part)

Size	Finish bores D [mm]	Dimensions ²⁾ [mm]						
		DH	DN	L	L1, L2	E	LH	NH
14	Ø6, Ø7, Ø8, Ø9	40	22	50	23	4	37	6.5
	Ø10, Ø11		25					
	Ø12, Ø14		26					
19	Ø12, Ø14	47	27	54	25	4	37	8.5
	Ø16		30					
	Ø19		32					
24	Ø10, Ø11, Ø12	53	26	56	26	4	41	7.5
	Ø14, Ø15, Ø16		32					
	Ø18, Ø19, Ø20		36					
	Ø24		38					

2) For dimensions G and T see table 6

Table 3: Torque and speed - BoWex® junior plug-in coupling and BoWex® junior M coupling

Size	Torque [Nm]			Max. speed [rpm]
	T _{KN}	T _{K max}	T _{KW}	
14	5	10	2.5	6000
19	8	16	4.0	
24	12	24	6.0	

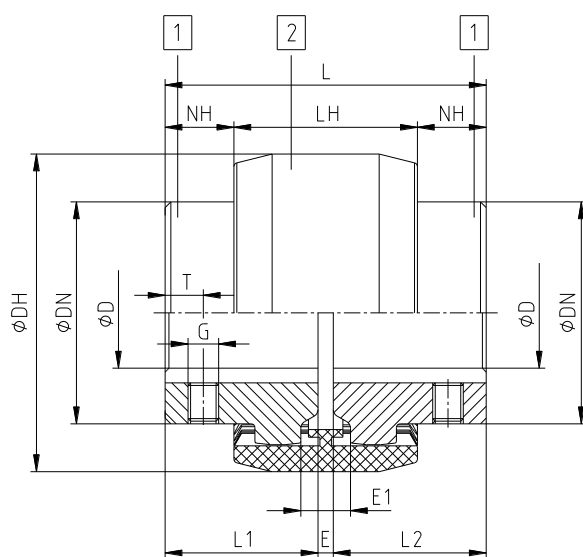

1 Technical data


Illustration 3: BoWex® type M

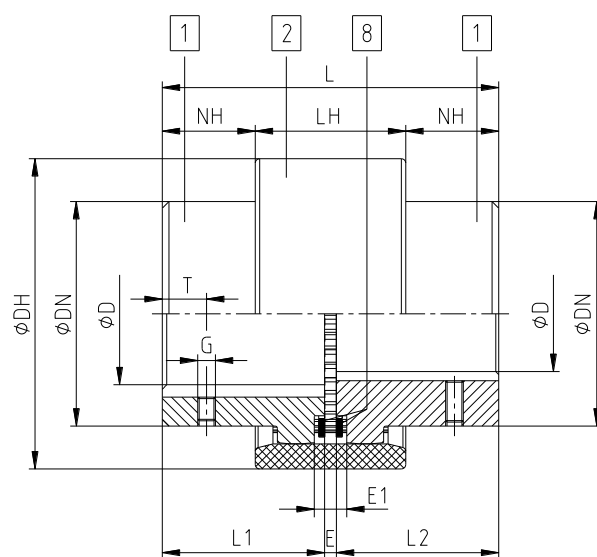


Illustration 4: BoWex® type I

Table 4: Dimensions - BoWex® type M and type I

Size		Pilot bore		Max. finish bore D [mm]	Dimensions ¹⁾ [mm]								
		Unbored	Pilot bored		DH	DN	L	L1, L2	E	E1	LH	NH	DZ ²⁾
M-14	M-14C	x	-	15	40	25	50	23	4	10	37	6.5	33
M-19	M-19C	x	-	20	47	32	54	25	4	10	37	8.5	39
M-24	M-24C	x	-	24	53	36	56	26	4	14	41	7.5	45
M-28	M-28C	x	-	28	65	44	84	40	4	13	46	19	54
M-32	M-32C	x	-	32	75	50	84	40	4	13	48	18	63
M-38	M-38C	x	-	38	83	58	84	40	4	13	48	18	69
M-42		x	-	42	92	65	88	42	4	13	50	19	78
M-48	M-48C	x	-	48	95	68	104	50	4	13	50	27	78
M-65	M-65C	x	27 70 lg.	65	132	96	114	55	4	16	68	23	110
I-80		-	31	80	175	124	186	90	6	20	93	46.5	145
I-100		-	35	100	210	152	228	110	8	22	102	63	176
I-125		-	45	125	270	192	290	140	10	30	134	78	225

1) For dimensions G and T see table 7

2) Tip circle of hub

Table 5: Torque and speed - BoWex® type M and type I

Size	Torque [Nm]			Max. speed [rpm]
	T _{KN}	T _{K max}	T _{KW}	
14	10	30	5	14000
19	16	48	8	11800
24	20	60	10	10600
28	45	135	23	8500
32	60	180	30	7500
38	80	240	40	6700
42	100	300	50	6000
48	140	420	70	5600
65	380	1140	190	4000
80	700	2100	350	3150
100	1200	3600	600	3000
125	2500	7500	1250	2120



BoWex® couplings with attachments that can generate heat, sparks and static charging (e. g. combinations with brake drums, brake disks, overload systems such as torque limiters, fan impellers etc.) are not permitted for the use in potentially explosive atmospheres. A separate analysis must be performed.