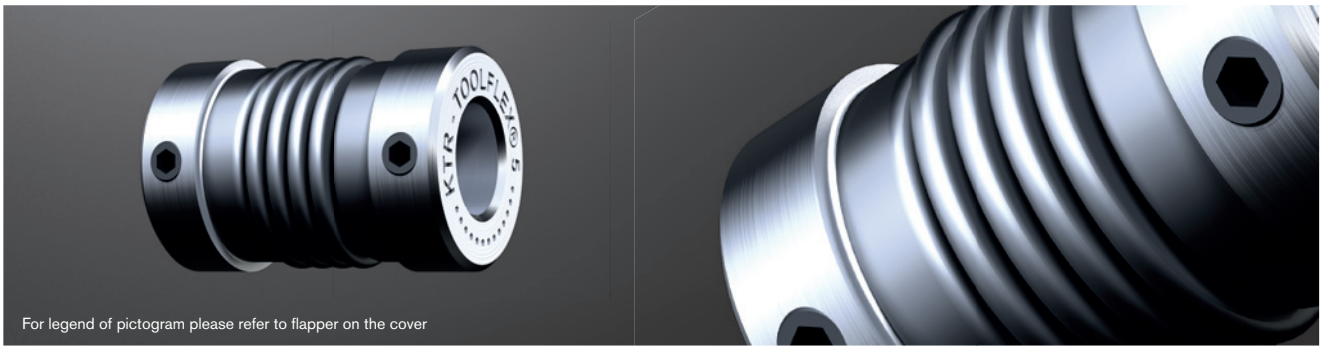
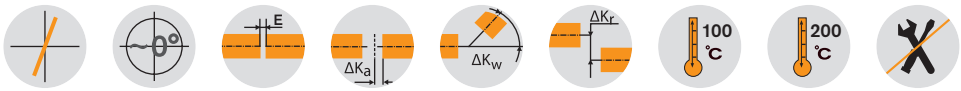
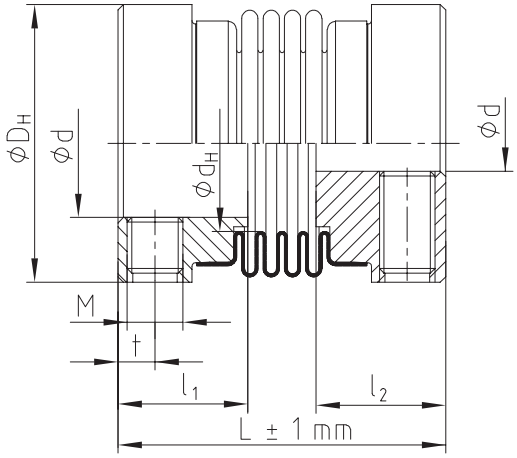
Type S: Hubs with threads for setscrews





TOOLFLEX® S type 1.1



TOOLFLEX® S with thread for setscrews (type 1.1) Hub material aluminium/bellow material stainless steel

Size	Bellow-hub-connection	Torque of bellow T_{KN} [1] [Nm]	Max. speed n [rpm]	Dimensions [mm]									Perm. displacements			Torsion spring stiffness C_T [Nm/rad]	Weight [3] [kg]
				Finish bore		General				Set screw							
				min. d	max. d	D_H	d_H	L	l_1; l_2	M	t	Number [2] z	Axial [mm]	Radial [mm]	Angular [degrees]		
5		0,1	47700	2	5	10	6	15	6	M2	1,8	1	±0,30	0,10	0,7	97	0,0027
7	[4]	1,0	31800	3	8	15	9	18	7	M3	2,0	1	±0,30	0,10	0,7	390	0,005
9		1,5	23800	3	10	20	12	21	8	M3	2,2	2	±0,35	0,15	1,0	750	0,010
12		2,0	19000	4	14	25	16	27,5	11	M4	2,8	2	±0,40	0,15	1,0	1270	0,017
16	[5]	5,0	14900	5	18	32	20	37	13	M5	4	2	±0,30	0,15	1,0	4500	0,046
20		15	11900	6	25	40	27	42	15	M5	5	2	±0,40	0,15	1,0	9600	0,076

[1] For selection see page 18 et seqq.
[2] Quantity each hub; from size 9: 2x120° offset
[3] Details referring to the overall coupling with max. bore
[4] Bonded
[5] Flanged

Hub designs

Type 1.0

Hub with feather keyway and setscrew

Type 1.1

Hub without feather keyway, with setscrew

Type 1.3

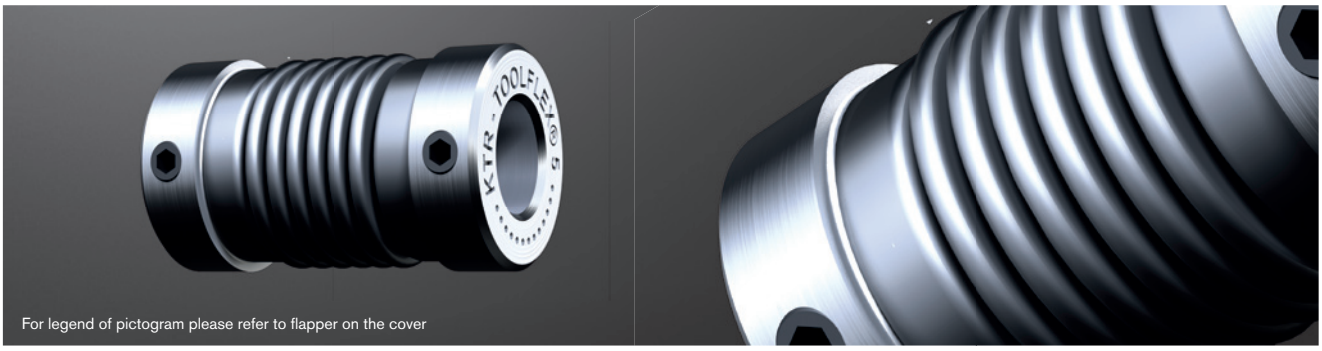
Hub with spline bore

Type 1.2

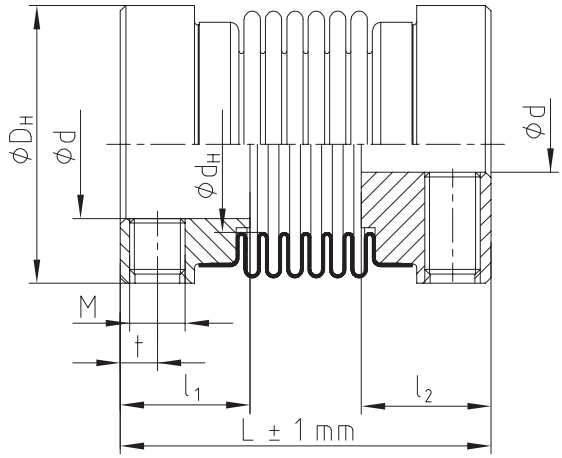
Hub without feather keyway, without setscrew

Ordering example:	TOOLFLEX® 7 S	1.1 - Ø4		1.1 - Ø6	
	Size and type of coupling	Hub type	Finish bore	Hub type	Finish bore

Type M: Hubs with threads for setscrews



TOOLFLEX® M type 1.1



TOOLFLEX® M with thread for setscrews (type 1.1) Hub material aluminium/bellow material stainless steel

Size	Bellow-hub-connection	Torque of bellow T_{KN} [1] [Nm]	Max. speed n [rpm]	Dimensions [mm]									Perm. displacements			Torsion spring stiffness C_T [Nm/rad]	Weight [3] [kg]
				Finish bore		General				Set screw							
				min. d	max. d	D_H	d_H	L	l_1; l_2	M	t	Number [2] z	Axial [mm]	Radial [mm]	Angular [degrees]		
5		0,1	47700	2	5	10	6	17	6	M2	1,8	1	±0,40	0,15	1,0	75	0,003
7	[4]	1,0	31800	3	8	15	9	20	7	M3	2,0	1	±0,40	0,15	1,0	300	0,006
9		1,5	23800	3	10	20	12	24	8	M3	2,2	2	±0,50	0,20	1,5	580	0,011
12		2,0	19000	4	14	25	16	31	11	M4	2,8	2	±0,60	0,20	1,5	980	0,019
16	[5]	5,0	14900	5	18	32	20	41	13	M5	4	2	±0,50	0,20	1,5	3050	0,049
20		15	11900	6	25	40	27	49	15	M5	5	2	±0,60	0,20	1,5	6600	0,082

[1] For selection see page 18 et seqq.
[2] Quantity each hub; from size 9: 2x120° offset
[3] Details referring to the overall coupling with max. bore
[4] Bonded
[5] Flanged

Hub designs

Type 1.0

Hub with feather keyway and setscrew

Type 1.1

Hub without feather keyway, with setscrew

Type 1.3

Hub with spline bore

Type 1.2

Hub without feather keyway, without setscrew

Ordering example:	TOOLFLEX® 7 M	1.1 - Ø4		1.1 - Ø6	
	Size and type of coupling	Hub type	Finish bore	Hub type	Finish bore