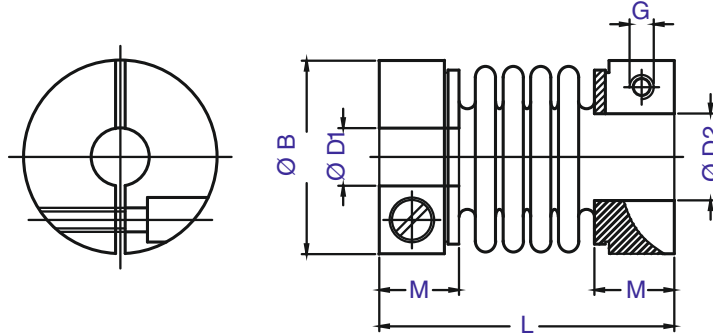


**FLEXIBLE COUPLINGS
TORSIONALLY STIFF
FOR ENCODERS**

AMKN..



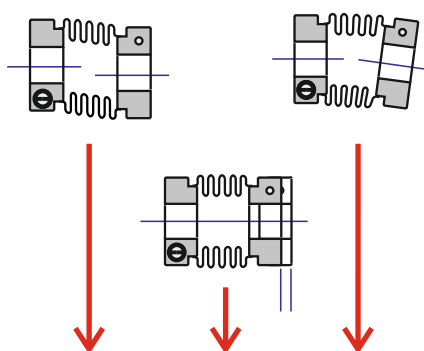
TIPO TYPE TYPE	Ø D ¹ – D ² MIN MAX mm	Ø B mm	L mm	M mm	G
AMKN 15 .. L24	3 => 6,35	15	24	7,5	M2
AMKN 15 .. L29	3 => 6,35	15	29	7,5	M2
AMKN 153 .. L29	3 => 6,35	15	29	7,5	M2
AMKN 20 .. L31	5 => 10	20	31	9,5	M2,5
AMKN 25 .. L32	5 => 12,7	24,5	32	12,5	M3
AMKN 25 .. L41	5 => 12,7	24,5	41	12,5	M3
AMKN 253 .. L41	5 => 12,7	24,5	41	12,5	M3
AMKN 30 .. L34	5 => 14	30	34	12	M3
AMKN 30 .. L40	5 => 14	30	40	12	M3
AMKN 40 .. L54	6 => 20	40	54	16,5	M5
AMKN 40 .. L61	6 => 20	40	61	16,5	M5
AMKN 403 .. L54	6 => 20	40	54	16,5	M5
AMKN 403 .. L61	6 => 20	40	61	16,5	M5

STANDARD Ø BORES tol. G7

TIPO/TYPE	3	3,2 1/8"	4	5	6	6,35 1/4"	7	8	9	9,52 3/8"	10	11	12	12,7 1/2"	14	
AMKN 15 .. L24	3	3,2	4	5	6	6,35										
AMKN 15 .. L29	3	3,2	4	5	6	6,35										
AMKN 153 .. L29	3	3,2	4	5	6	6,35										
AMKN 20 .. L31				5	6	6,35	7	8	9	9,52	10					
AMKN 25 .. L32				5	6	6,35	7	8	9	9,52	10	11	12	12,7		
AMKN 25 .. L41				5	6	6,35	7	8	9	9,52	10	11	12	12,7		
AMKN 253 .. L41				5	6	6,35	7	8	9	9,52	10	11	12	12,7		
AMKN 30 .. L34				5	6	6,35	7	8	9	9,52	10	11	12	12,7	14	
AMKN 30 .. L40				5	6	6,35	7	8	9	9,52	10	11	12	12,7	14	
TIPO/TYPE	6	6,35 1/4"	7	8	9	9,52 3/8"	10	11	12	12,7 1/2"	14	15	16	18	19	20
AMKN 40 .. L54	6	6,35	7	8	9	9,52	10	11	12	12,7	14	15	16	18	19	20
AMKN 40 .. L61	6	6,35	7	8	9	9,52	10	11	12	12,7	14	15	16	18	19	20
AMKN 403 .. L54	6	6,35	7	8	9	9,52	10	11	12	12,7	14	15	16	18	19	20
AMKN 403 .. L61	6	6,35	7	8	9	9,52	10	11	12	12,7	14	15	16	18	19	20


FLEXIBLE COUPLINGS TORSIONALLY STIFF FOR ENCODERS

- ① NOMINAL TORQUE
- ② PARALLEL MISALIGNMENT
- ③ AXIAL DISPLACEMENT
- ④ ANGULAR MISALIGNMENT
- ⑤ TORSIONAL STIFFNESS
- ⑥ MOMENT OF INERTIA



IMPORTANT
MOUNTING
INSTRUCTION
see page 17



TIPO TYPE TYPE	(1) Nm	(2) PARALL. mm	(3) DIST. mm	(4) ANG. a°	(5) Nm/rad	(6) gcm ²	 g
AMKN 15 .. L24	0,40	0,10	0,25	1,5°	122	2,0	8
AMKN 15 .. L29	0,40	0,10	0,25	1,5°	122	2,0	8
AMKN 153 .. L29	0,90	0,10	0,25	0,5°	285	4,0	12
AMKN 20 .. L31	1,10	0,10	0,25	1,0°	257	7,0	16
AMKN 25 .. L32	2,00	0,15	0,30	1,0°	615	25,0	26
AMKN 25 .. L41	2,00	0,15	0,30	1,0°	615	25,0	26
AMKN 253 .. L41	4,00	0,10	0,30	1,0°	1170	36,0	38
AMKN 30 .. L34	3,00	0,20	0,40	1,0°	980	49,0	30
AMKN 30 .. L40	3,00	0,20	0,40	1,0°	980	49,0	30
AMKN 40 .. L54	7,00	0,25	0,60	2,0°	2910	272,0	100
AMKN 40 .. L61	7,00	0,25	0,60	2,0°	2910	272,0	100
AMKN 403 .. L54	12,00	0,20	0,50	2,0°	4890	330,0	120
AMKN 403 .. L61	12,00	0,20	0,50	2,0°	4890	330,0	120

metallic bellows:

copper-zinc alloy CuZn20

hubs: light alloy AlCuMgP

hub bores:

combination of standard Ø, see. pag. 6,
finished tol. G7

customer series: on request,
stainless construction, welded hubs

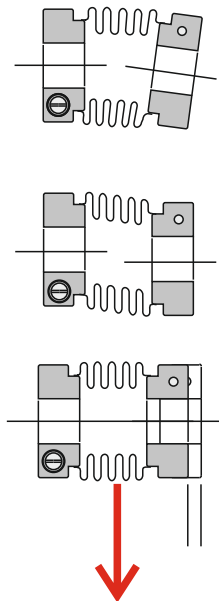
part numbers: type AMKN 25, bore D1
Ø 6,35 mm, bore D2 8 mm, overall
length 41 mm

--> AMKN 25-6,35-8 L41

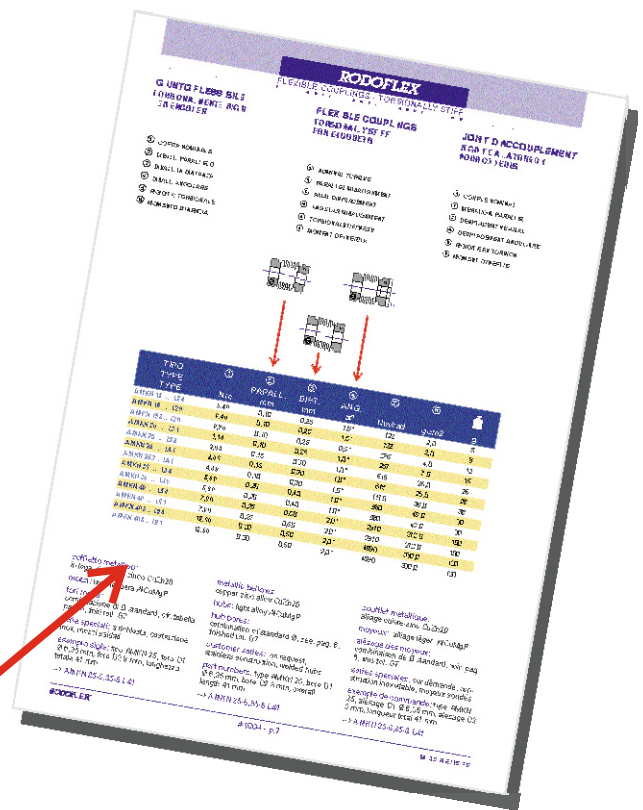
MOUNTING INSTRUCTION

**HANDLE WITH CARE!
DO NOT STRETCH OR BEND**

Never exceed catalogue data for **max. angular, parallel and axial misplacement during handling and mounting nor while running**



**RESPECT
CATALOGUE DATA**



It has been proved that the occurrence of an early failure, typically between metal bellows and hub, is not a sign of underestimating the coupling size, nor a construction deficiency, but generally stands for overcoming the misalignment limits or for excessive deformation of the coupling, even if temporarily, during mounting process