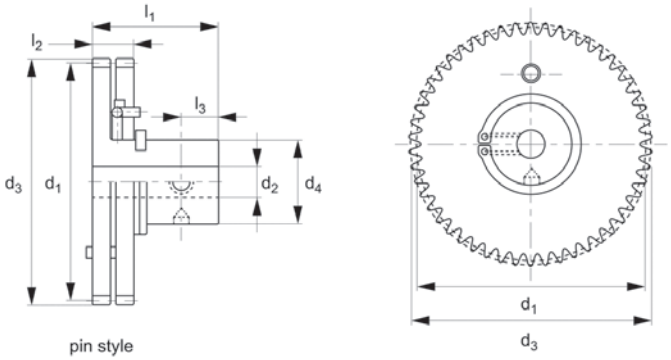
1,0 to 0,5 Module Anti-backlash
stainless steel or aluminium pin hub



R2080

Material
Stainless steel (DIN 1,4305) or aluminium (DIN 3,1355 anodized before cutting).

Technical Notes
20° pressure angle, zero backlash.
Quality class DIN 7, AGMA 10.
The split gear design incorporates springs which force the floating gear in a direction opposite to the rotation of the fixed gear, effectively enlarging the teeth width and overcoming the space, or backlash, between the teeth of the gear. Two types of design, one utilising scissor springs (figure 1), and the second, for larger diameter gears, utilising extension springs (figure 2).

Tips
Special versions available on request (e.g. different number of teeth, 14,5° pressure angle etc).

Order No.	No. of teeth	d_1 p.d.	d_2 tol. H8	d_3	l_1	l_2	Module
R2080.1.0-18-S	18	18.0	8	20.0	14	6	1.0
R2080.1.0-21-S	21	21.0	8	23.0	14	6	1.0
R2080.1.0-24-S	24	24.0	8	26.0	14	6	1.0
R2080.0.8-24-S	24	19.2	8	20.8	14	6	0.8
R2080.0.8-28-S	28	22.4	8	24.0	14	6	0.8
R2080.0.8-32-S	32	25.6	8	27.2	14	6	0.8
R2080.0.6-28-S	28	16.8	8	18.0	14	6	0.6
R2080.0.6-32-S	32	19.2	8	20.4	14	6	0.6
R2080.0.6-36-S	36	21.6	8	22.8	14	6	0.6
R2080.0.5-36-S	36	18.0	8	19.0	14	6	0.5
R2080.0.5-42-S	42	21.0	8	22.0	14	6	0.5
R2080.0.5-48-S	48	24.0	8	25.0	14	6	0.5
R2080.1.0-18-A	18	18.0	8	20.0	14	6	1.0
R2080.1.0-21-A	21	21.0	8	23.0	14	6	1.0
R2080.1.0-24-A	24	24.0	8	26.0	14	6	1.0
R2080.0.8-24-A	24	19.2	8	20.8	14	6	0.8
R2080.0.8-28-A	28	22.4	8	24.0	14	6	0.8
R2080.0.8-32-A	32	25.6	8	27.2	14	6	0.8
R2080.0.6-28-A	28	16.8	8	18.0	14	6	0.6
R2080.0.6-32-A	32	19.2	8	20.4	14	6	0.6
R2080.0.6-36-A	36	21.6	8	22.8	14	6	0.6
R2080.0.5-36-A	36	18.0	8	19.0	14	6	0.5
R2080.0.5-42-A	42	21.0	8	22.0	14	6	0.5
R2080.0.5-48-A	48	24.0	8	25.0	14	6	0.5