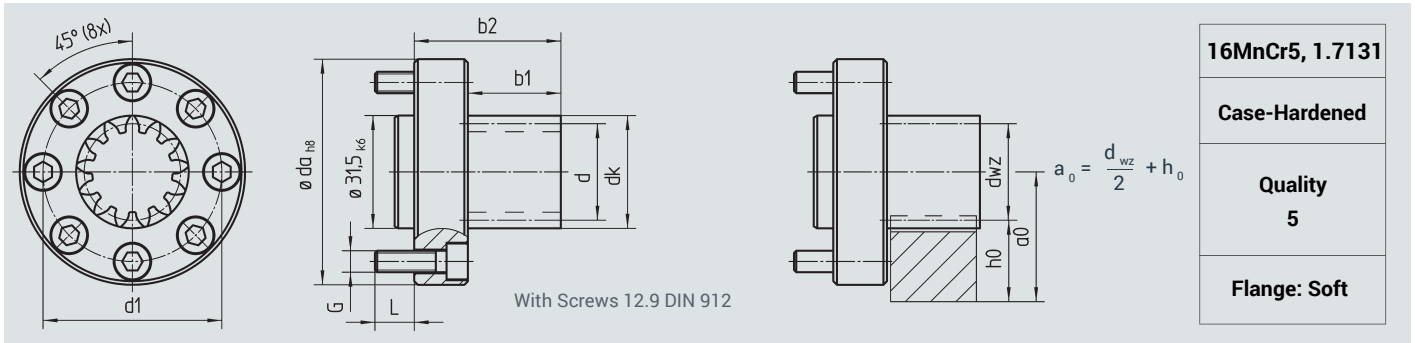
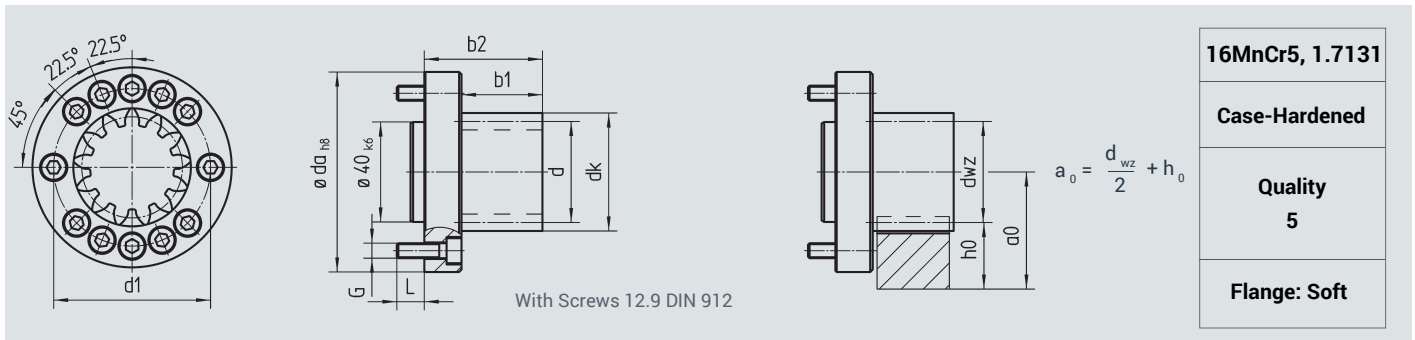


Straight Pinion, A-50 flange



Order Code	No. of Teeth z	Profile Modification Factor x	d	d <sub>wz</sub>	dk	b1	b2	a0	ISO Interface	d1	G	da <sub>h8</sub>	L	kg
<b>Module 2</b>														
78 21 813	13	0.366	27.59	27.47	31.5	26	41	35.73	9409-1-A-50	50	M6	63	11	0.5
78 21 817	17	-0.012	36.08	33.95	38.0	26	41	38.98	9409-1-A-50	50	M6	63	11	0.6

Straight Pinion, A-63 flange



Order Code	No. of Teeth z	Profile Modification Factor x	d	d <sub>wz</sub>	dk	b1	b2	a0	ISO Interface	d1	G	da <sub>h8</sub>	L	kg
<b>Module 2</b>														
78 22 817	17	-0.012	36.08	33.95	38.0	26	41	38.98	9409-1-A-63	63	M6	80	11	0.8
78 22 824	24	0.202	50.93	48.81	52.8	26	41	46.40	9409-1-A-63	63	M6	80	11	1.0
<b>Module 3</b>														
78 32 813	13	0.366	41.38	41.20	47.2	32.5	47.5	46.60	9409-1-A-63	63	M6	80	11	1.0

Note: The rack and pinion drive must be installed with backlash present, not pressed into engagement with no backlash! Please refer to the ATLANTA operating manual MPZ 001e.

Straight Pinion, A-80 flange

<b>16MnCr5, 1.7131</b>
<b>Case-Hardened</b>
<b>Quality 5</b>
<b>Flange: Soft</b>

Order Code	No. of Teeth z	Profile Modification Factor x	d	d <sub>wz</sub>	dk	b1	b2	a0	ISO Interface	d1	G	da <sub>h8</sub>	L	kg
<b>Module 2</b>														
<b>78 23 824</b>	24	0.202	50.93	48.81	52.8	26	46	46.40	9409-1-A-80	80	M8	100	8	1.6
<b>Module 3</b>														
<b>78 33 820</b>	20	0.080	63.66	60.48	66.5	32.5	52.5	56.24	9409-1-A-80	80	M8	100	8	2.0
<b>Module 4</b>														
<b>78 43 813</b>	13	0.366	55.17	54.93	62.9	45	65	62.47	9409-1-A-80	80	M8	100	13	2.1

Straight Pinion, A-125 flange

<b>16MnCr5, 1.7131</b>
<b>Case-Hardened</b>
<b>Quality 5</b>
<b>Flange: Soft</b>

Order Code	No. of Teeth z	Profile Modification Factor x	d	d <sub>wz</sub>	dk	b1	b2	a0	ISO Interface	d1	G	da <sub>h8</sub>	L	kg
<b>Module 3</b>														
<b>78 34 820</b>	20	0.080	63.66	60.48	66.5	32.5	57.5	56.24	9409-1-A-125	125	M10	148	15	4.2
<b>Module 4</b>														
<b>78 44 821</b>	21	0.110	89.13	84.88	92.9	45	70	77.44	9409-1-A-125	125	M10	148	15	5.5
<b>Module 5</b>														
<b>78 54 819</b>	19	0.049	100.80	95.49	105.5	55	80	81.75	9409-1-A-125	125	M10	148	15	6.6
<b>Module 6</b>														
<b>78 64 816</b>	16	-0.042	101.86	95.49	107.5	65	90	90.75	9409-1-A-125	125	M10	148	15	6.8

Note: The rack and pinion drive must be installed with backlash present, not pressed into engagement with no backlash! Please refer to the ATLANTA operating manual MPZ 001e.

**Straight Pinion, A-140 flange**

Order Code	No. of Teeth z	Profile Modification Factor x	d	d <sub>wz</sub>	dk	b1	b2	a0	ISO Interface	d1	G	da <sub>h8</sub>	L	kg
<b>Module 5</b>														
78 56 820	20	0.080	106.10	100.80	110.8	55	89	84.40	–	140	M16	187	22	10.6
<b>Module 6</b>														
78 66 817	17	-0.012	108.23	101.86	113.9	65	99	93.93	–	140	M16	187	22	10.9

**Straight Pinion, A-160 flange**

Order Code	No. of Teeth z	Profile Modification Factor x	d	d <sub>wz</sub>	dk	b1	b2	a0	ISO Interface	d1	G	da <sub>h8</sub>	L	kg
<b>Module 8</b>														
78 87 813	13	0.366	110.35	109.86	125.9	85	130	125.93	–	160	M20	210	30	17.8

Note: The rack and pinion drive must be installed with backlash present, not pressed into engagement with no backlash! Please refer to the ATLANTA operating manual MPZ 001 e.