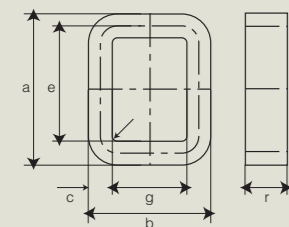




## C und CG KERNE

Nummer	Kerne	a <sub>max</sub> mm	b-1 pt mm	f mm	c mm	g <sub>min</sub> mm	e <sub>min</sub> mm	r <sub>max</sub> mm	m <sub>Fe</sub> kg	l <sub>Fe</sub> cm	A <sub>Fe</sub> cm <sup>2</sup>	P <sub>n</sub> VA
700125011000	CG27/6	29.4	21.0	7.2	7.2 <sup>-0.8</sup>	6.4	14.3	1.0	0.018	6.3	0.37	
700125021000	CG33/8	35.7	25.8	8.7	8.7 <sup>-0.8</sup>	7.9	17.5	1.0	0.035	7.8	0.58	
700125031000	CG41/9	43.7	30.6	10.3	10.3 <sup>-0.8</sup>	9.5	22.2	1.0	0.063	9.5	0.86	
700125041000	CG48/9	50.0	32.1	10.3	10.3 <sup>-0.8</sup>	11.1	28.6	1.0	0.074	11.1	0.86	
700125051000	CG54/13			13.5					0.094		0.96	16
700125052000	CG54/19			19.8					0.141		1.44	25
700125053000	CG54/25			26.2					0.187		1.92	34
700125054000	CG54/38			38.9					0.281		2.88	50
700125061000	CG70/13			13.5					0.145		1.15	33
700125062000	CG70/19			19.8					0.218		1.17	51
700125063000	CG70/25			26.2					0.291		2.30	68
700125064000	CG70/32			32.5					0.363		2.87	84
700125071000	CG76/19			19.8					0.239		1.72	65
700125072000	CG76/25			26.2					0.319		2.30	87
700125073000	CG76/32			32.5					0.398		2.87	108
700125074000	CG76/38			38.9					0.478		3.45	128
700125081000	CG89/22			23.0					0.432		2.68	131
700125082000	CG89/29			29.4					0.553		3.45	168
700125083000	CG89/38			38.9					0.739		4.60	219
700125084000	CG89/51			51.6					0.989		6.13	286
700125091000	CG108/19			19.8					0.567		2.87	206
700125092000	CG108/29			29.4					0.898		4.54	319
700125093000	CG108/38			38.9					1.14		5.75	400
700125094000	CG108/51			51.6					1.52		7.66	520
700125101000	CG127/25			26.2					1.08		4.60	430
700125102000	CG127/38			38.9					1.62		6.90	630
700125103000	CG127/51			51.6					2.16		9.23	800
700125104000	CG127/70			71.4					2.97		12.70	1090
700125108000	CG165/32			32.5					2.36		7.68	1060
700125109000	CG165/51			51.5					3.77		12.30	1620



$$l_{Fe} = a_{min} + b_{min} + e_{min} + g_{min} - 1,72(r + \frac{c_{max}}{2})$$

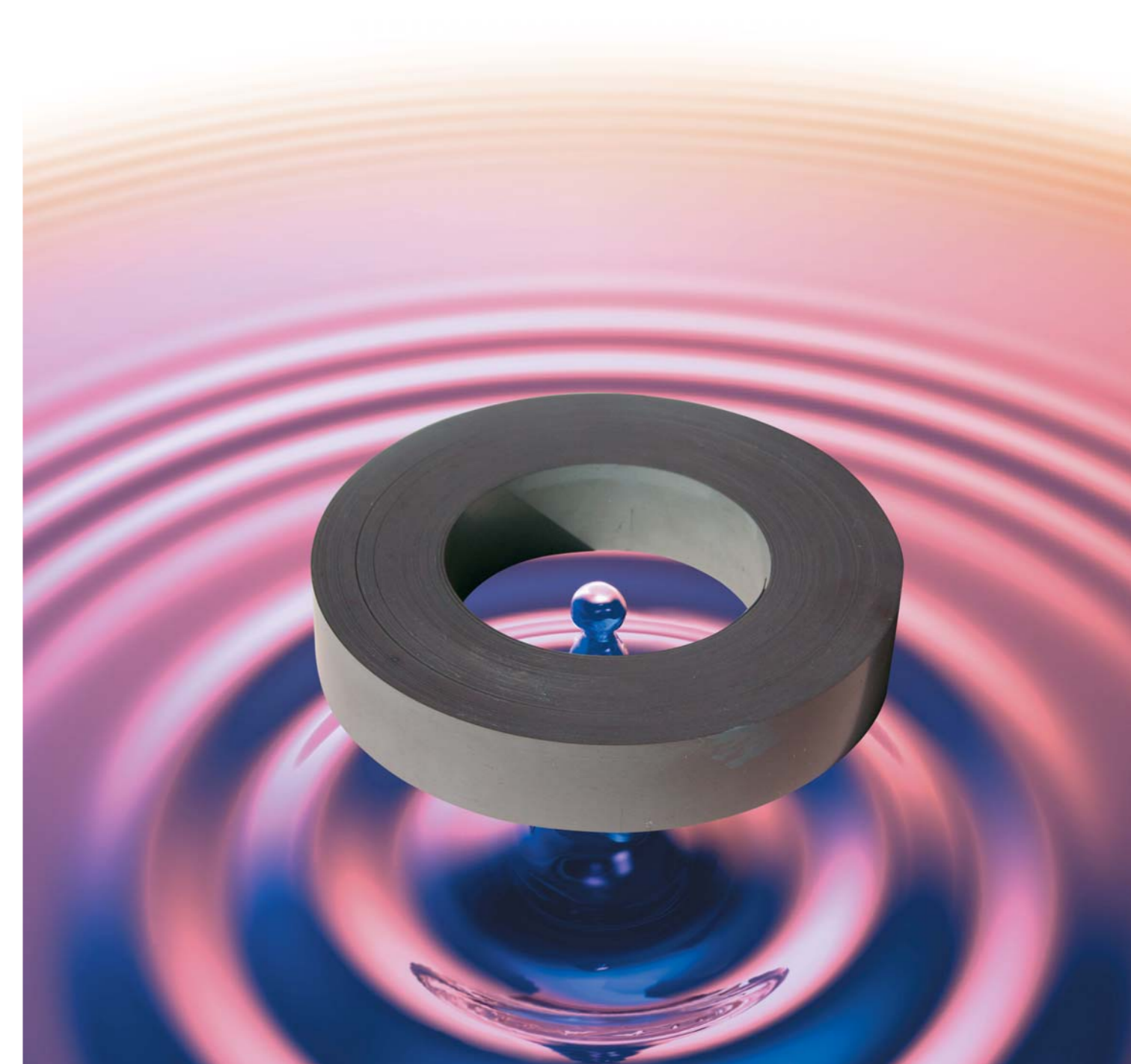
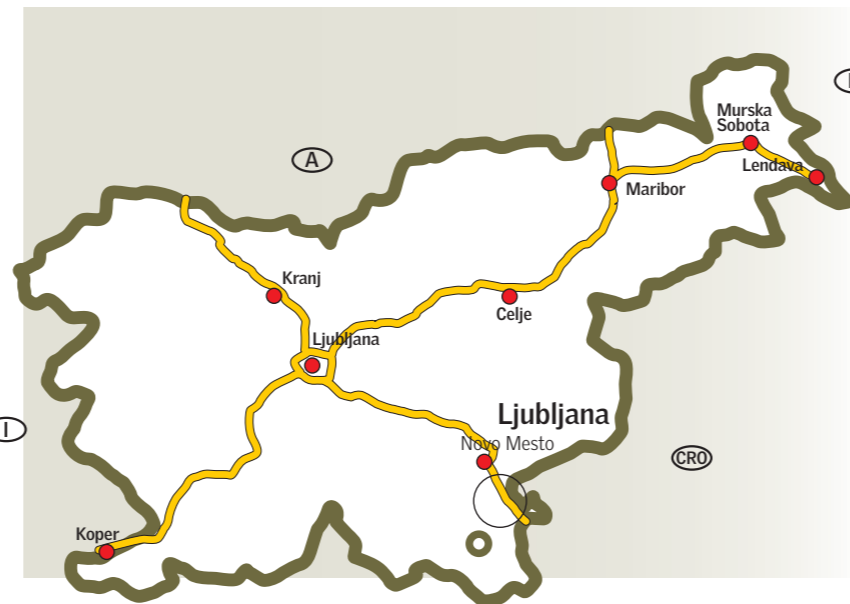
$$A_{Fe} = c_{min} \cdot f_{min} \cdot \eta_{min}$$

$$m_{Fe} = A_{Fe} \cdot l_{Fe} \cdot \rho$$

## Material: Siliziumeisen Blech

### Blech Typen

Normal- bezeichnung	Bezeichnung nach DIN 46400	Alte Bezeich- nung	Neue Bezeichnung nach EN10107	Verluste bei Magnetisi- erung	Dicke (mm)	Verluste W/kg bei	
						1,5T	1,7T
M0	-	27M0H	M103-27P	niedrig	0,27		1,03
M0	-	30M0H	M105-30P	niedrig	0,3		1,05
M1	VM111-30P	30M1H	M111-30P	niedrig	0,3		1,11
M2	VM117-30P	30M2H	M117-30P	niedrig	0,3		1,17
			M120-23S	verkleinert	0,23	0,77	1,2
M3	VM130-27S	27M3	M130-27S	verkleinert	0,27	0,85	1,3
M3	-	23M3	M080-23N	normal	0,23	0,8	1,27
M4	VM89-27N	27M4	M089-27N	normal	0,27	0,89	1,4
M5	VM97-30N	30M5	M097-30N	normal	0,3	0,97	1,5
M6	VM111-35N	35M6	M111-35N	normal	0,35	1,11	1,65
			M140-30S	verkleinert	0,3	0,92	1,4
			VM155-35S	verkleinert	0,35	1,05	1,55
M7	-	50M7	M175-50N	normal	0,5	1,75	
95H23			M100-23P	niedrig	0,23		0,95
		GO 10			0,1	1,1	



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Katalog  
**KERNE**

