

LONG LIFE... LOW DUSTING

Copper graphite grades



Steel Ring applications Physical characteristics

GRADE	RESISTIVITY	FLEXURAL STRENGTH	HARDNESS	DENSITY	CONTACT DROP	FRICTION COEF	CURRENT DENSITY	MAX SURFACE SPEED
	u OHM / m	Kgf/Sq cm	shore	g/cubic.cm	+ve/-ve Volts		A/cm sq	(M/Sec)
MC30S	8.0	280	15	2.45	1.7	0.08	12	40
MC53S	0.85	350	21	3.12	0.96	0.09	12	35
MC65S	0.30	550	25	3.70	0.62	0.09	14	30
MC73S	0.15	700	25	4.12	0.43	0.1	15	30
MC81S	0.1	900	26	5.0	0.23	0.1	18	25

Bronze ring applications Physical characteristics

GRADE	RESISTIVITY	FLEXURAL STRENGTH	HARDNESS	DENSITY	CONTACT DROP	FRICTION COEF	CURRENT DENSITY	MAX SURFACE SPEED
	u OHM / m	Kgf/Sq.cm	shore	g/cubic.cm	+ve/-ve Volts		A/cm sq	(M/sec)
MC30B	9.0	290	18	2.42	1.86	0.04	12	40
MC53B	0.87	320	23	3.07	1.25	0.05	12	35
MC65B	0.35	520	26	3.68	0.7	0.06	14	30
MC73B	0.2	650	26	4.10	0.46	0.08	15	30
MC81B	0.12	800	26	4.95	0.28	0.9	18	25



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Morgan Industrial Carbon provides a wide range of copper graphite materials suited for use on slipring applications throughout industry.

In consultation with our customer base and in working closely with our material technology group, we are proud to announce the introduction of our range of **long life, low dusting** materials.

The materials are suited for use, on applications in such industries as:

- Mining applications
- Cement mill applications
- Crane applications
- Annealing machine applications
- Industrial slip ring machines

Morgan Industrial Carbon in understanding the operating characteristics of modern slipring machines, and slipring materials provide two families of materials to suit the most arduous of applications.

- MC..S range to suit Steel ring applications
- MC..B range to suit Bronze ring applications

Morgan Industrial Carbon

Your "One Stop Shop" for all slipring brush and brush holder requirements.

