

Brass

Copper-zinc alloys

Special brass

M-CAST

Mechanical properties

Alloy group	DIN/EN-standard	DIN/EN-material number	Alloy designation chemical symbols	Alloy designation numerical	Tensile strength R_m N/mm ² min.	Yield strength $R_{p0,2}$ N/mm ² min.	Elongation at break A_5 % min.	Hardness HB min.	
Brass									
M 140	GK-CuZn38Al	1982	2.0591.02	CuZn38Al-C	CC767C	380	130	30	75
Special brass									
SM 130	GK-CuZn37Al1	1982	2.0595.02	CuZn37Al1-C	CC766S	450	170	25	105
SM 530	GK-CuZn34Al2	1982	2.0596.02	CuZn34Mn3Al2Fe1-C	CC764S	600	260	10	140
SM 1430	GK-CuZn15Si4	1982	2.0492.02	CuZn16Si4-C	CC761S	500	300	8	130

