

Tungsten Carbide Buttons comes in various shapes, e.g. spherical, ballistic, conical, parabolic, flat-top. They are used to make rock drill bits widely used in oil-field and mining. Carbide buttons work under high impact therefore must have high impact resistance. We have different grades for different rock formations such as hard rock, medium hard rock and soft rock formation

Grade Recommendation

材质名称 ( Grade)	WC ( % )	CO ( % )	晶粒度 Grain size ( um )	比重 Density ( g/cm³ ) ±0.1	硬度 Hardness ( HRA ) ±0.5	抗折力 TRS ( kgf/mm )
HE10	94	6	1.6	14.95	90.4	>300
HE15	94	6	2.0	14.95	89.6	>280
HE16	94	6	4.0	14.95	88.2	>270
HE20	92	8	4.0	14.75	87.8	>270
HE30	91	9	4.0	14.65	87.5	>260
HE35	89	11	4.0	14.40	86.8	>250
HE36	88	12	2.0	14.30	87.0	>280
HE40	87	13	4.0	14.20	85.5	>240
HE50	85	15	4.0	14.05	85.0	>230