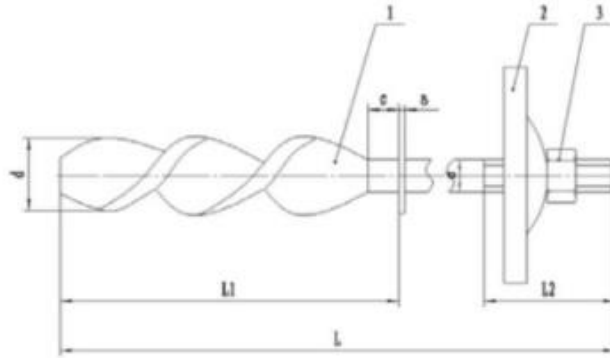


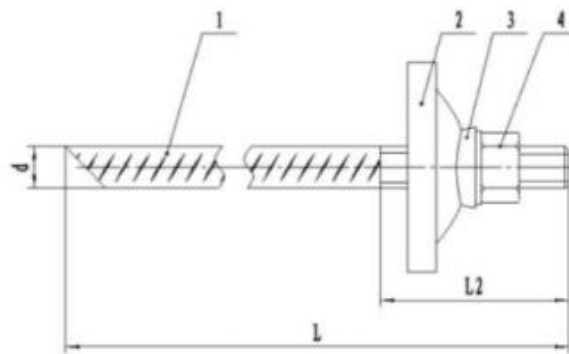
Indicator for Coal industrial standard of PRC MT146.2 Resin anchor bolt part 2: steel bars and accessories.

Many people don't know what is MT. "MT" is the acronym of "Mei Tan" in Chinese language, which means "Coal".

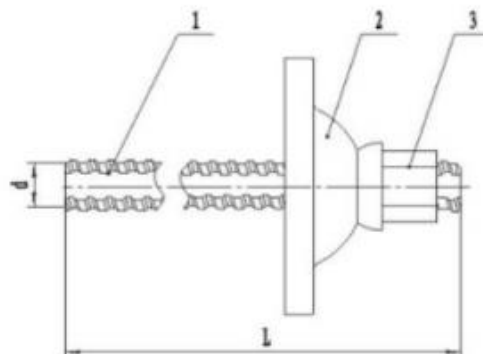
3 types of resin rock bolts:



headed twist bar



ribbed bars with non-longitudinal ribs



fully ribbed bars

Technical requirements:

1. Appearance

without serious corrosion, no oil or greasy dirt at anchoring portion.

2. Mechanical Properties

Yield strength of Rebar rock bolt should be at least more than 335MPa, and left-hand non-longitudinal rebar will be a better choice. Right-hand or continuously ribbed rebars are also acceptable. If choose round rebar, its dimensions, yield strength, tensile strength should follow GB1499.1; left-hand non-longitudinal rebar, right-hand continuously ribbed rebar should follow GB1499.2. Elongation after fragile should be at least 15%.

3. Tolerance

Straightness $\leq 2\text{mm/m}$

length $L \pm 10\text{mm}$

Threaded part length $L_2 \pm 5\text{mm}$

4. Nut

Nut should be in accordance with GB/T 6170, GB/T 3098.2

5. Washer

Size of washer should be at least 100mmX100mm, or $\phi 100\text{mm}$

6. Anchoring Strength

Anchoring strength should be more than 1.2 times of bar's standard yield strength.



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