

GRINDING RODS & CYLPEBS



- **Length:** 2m-6m
- Low wear, unique chemical composition, high hardness of 45 HRC to 55HRC and strong toughness.
- The dimension and the specification can be adjusted in according to customers requirements.
- Moreover, it eliminates the need for stopping the rod mill to add the new steel grinding rod every day which is conducive to largely enhancing the productivity.

GRINDING RODS SIZES

Diameter	Length	Diameter Tolerance	Length Tolerance	Surface Hardness
mm	mm	mm	mm	HRC
30 - 120	3000 - 6000	1.5	25	45 - 55

CYLPEBS SIZES

Size	Diameter Tolerance	Roundness Loss Rate	Length Tolerance
Diameter × Length	mm	%	mm
20 × 25	+1.2 -1.1	≤ 5	+1.5 -1.5
20 × 30	+1.5 -1.5	≤ 5	+2.0 -2.0
30 × 35	+1.5 -1.5	≤ 5	+2.0 -2.0
30 × 40	+1.5 -1.5	≤ 5	+2.0 -2.0
35 × 40	+2.0 -2.0	≤ 5	+2.5 -2.5
35 × 45	+2.0 -2.0	≤ 5	+2.5 -2.5
40 × 50	+2.0 -2.0	≤ 5	+2.5 -2.5
45 × 55	+2.0 -2.0	≤ 5	+2.5 -2.5

CHEMICAL COMPOSITIONS

Item	Material	C	Mn	Si	Cr	S	P
MW-1	50Mn	0.48-0.56	0.7-1.0	0.17-0.37	≤ 0.25	≤ 0.035	≤ 0.035
MW-2	60Mn	0.57-0.65	0.7-1.0	0.17-0.37	≤ 0.25	≤ 0.035	≤ 0.035
MW-3	65Mn	0.60-0.70	0.9-1.2	0.17-0.37	≤ 0.25	≤ 0.035	≤ 0.035
MW-4	75MnCr	0.70-0.85	0.7-0.8	0.17-0.37	0.20-0.60	≤ 0.030	≤ 0.030
MW-5	B2-1	0.55-0.70	0.65-0.85	0.15-0.30	0.7-1.10	≤ 0.020	≤ 0.020
MW-6	B3	0.58-0.66	0.68-0.8	1.7-1.9	0.78-0.9	≤ 0.030	≤ 0.030
MW-7	B6	0.75-0.9	0.8-1.02	0.17-0.37	0.88-0.98	≤ 0.035	≤ 0.035