

# **Barrel**

Weima Original

**B11—Barrel, Thin wall, Rod pump**

Specification	Part No.	API No.
1 1/4"	B11-125(XX)-L	B11-125
1 1/2"	B11-150(XX)-L	B11-150
2"	B11-200(XX)-L	B11-200
2 1/2"	B11-250(XX)-L	B11-250



Note:

- 1) "XX" is Material identification symbol;
- 2) "L" is standard length, 8ft~24ft, each 2ft increments;
- 3) Surface heat treatment hardening is not supported at this time.

**B12—Barrel, Heavy wall, Rod pump**

Specification	Part No.	API No.
1 1/16"	B12-106(XX)-L	B12-106
1 1/4"	B12-125(XX)-L	B12-125
1 1/2"	B12-150(XX)-L	B12-150
1 3/4"	B12-175(XX)-L	B12-175
2 1/4"	B12-225(XX)-L	B12-225



Note:

- 1) "XX" is Material identification symbol;
- 2) "L" is standard length, 8ft~24ft, each 2ft increments.

**B13—Barrel, Heavy wall, Tubing pump**

Specification	Part No.	API No.
1 3/4"	B13-175(XX)-L	B13-175
2 1/4"	B13-225(XX)-L	B13-225
2 3/4"	B13-275(XX)-L	B13-275
3 3/4"	B13-375(XX)-L	B13-375

Note:

- 1) "XX" is Material identification symbol;
- 2) "L" is standard length, 8ft~24ft, each 2ft increments.



**B16—Barrel, Heavy wall, Box end, Rod Pump**

Specification	Part No.	API No.
1 1/4"	B16-125(XX)-L	B16-125
1 1/2"	B16-150(XX)-L	B16-150
2"	B16-200(XX)-L	B16-200

Note:

- 1) "XX" is Material identification symbol;
- 2) "L" is standard length, 8ft~24ft, each 2ft increments.





1. Pump Barrel Materials

Identification Symbol	Description	Inside surface condition	Base core hardness	Base material	Base Material Min. Yield Strength MPa (ksi)
A1	Chrome plated on steel	0.076mm min. thickness, hardness HV <sub>100</sub> 900-1160	90HRB~23HRC	UNS G10450	413 (60)
A3	Chrome plate on 4/6 chrome steel	0.076mm min. thickness, hardness HV <sub>100</sub> 900-1160	90HRB~23HRC	UNS S50100	483 (70)
A5	Chrome plate on brass	0.076mm min. thickness, hardness HV <sub>100</sub> 900-1160	80HRB~100HRB	UNS C44300	345 (50)
B1	Heavy chrome plate on steel	0.152mm min. thickness, hardness HV <sub>100</sub> 900-1160	90HRB~23HRC	UNS G10450	413 (60)
B3	Heavy chrome plate on 4/6 chrome plate	0.152mm min. thickness, hardness HV <sub>100</sub> 900-1160	90HRB~23HRC	UNS S50100	483 (70)
B5	Heavy chrome plate on brass	0.152mm min. thickness, hardness HV <sub>100</sub> 900-1160	80HRB~100HRB	UNS C44300	345 (50)
C1	Nickle carbide composite coating on steel	0.033mm min. thickness	90HRB~23HRC	UNS G10450	413 (60)
C3	Nickle carbide composite coating on 4/6 chrome	0.033mm min. thickness	90HRB~23HRC	UNS S50100	483 (70)
C5	Nickle carbide composite coating on brass	0.033mm min. thickness	80HRB~100HRB	UNS C44300	345 (50)
D1	Nickle carbide composite coating on steel	0.076mm min. thickness	90HRB~23HRC	UNS G10450	413 (60)
D3	Nickle carbide composite coating on 4/6 chrome	0.076mm min. thickness	90HRB~23HRC	UNS S50100	483 (70)
D5	Nickle carbide	0.076mm min.	80HRB~100HRB	UNS C44300	345 (50)



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## Shandong Weima Pumps Manufacturing Co., Ltd

	composite coating on brass	thickness			
J1	Carburized steel	min. hardness 690HK in per side 0.127mm, min. hardness 466HK in per side 0.254mm	23HRC max.	UNS G10200	413 (60)
L2	Nitrided low alloy steel	min. hardness 690HK in per side 0.127mm, min. hardness 466HK in per side 0.254mm	23HRC max.	UNS G41300 /38CrMoAl	345 (50)
P1	Nickle plate on steel	min. thickness 0.06mm, hardness 66HRC-69HRC	90HRB~23HRC	UNS G10450	413 (60)



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