

# Plunger

Weima Original

**P21A—Plunger, Pin End, One Piece**

Part No.	API No.
P21A-106 (XX) -L	P21-106
P21A-125 (XX) -L	P21-125
P21A-150 (XX) -L	P21-150
P21A-175 (XX) -L	P21-175
P21A-200 (XX) -L	P21-200
P21A-225 (XX) -L	P21-225
P21A-250 (XX) -L	P21-250

Note:

- 1) “XX” is Material identification symbol.
- 2) L is standard strength for plunger;
- 3) The outer surface of the plunger can be processed with annular grooves according to user needs.



**P21I—Plunger, Pin End, One Piece, inclined plane**

Part No.	API No.
P21I-106 (XX) -L	P21-106
P21I-125 (XX) -L	P21-125
P21I-150 (XX) -L	P21-150
P21I-175 (XX) -L	P21-175
P21I-200 (XX) -L	P21-200
P21I-225 (XX) -L	P21-225
P21I-250 (XX) -L	P21-250
P21I-275 (XX) -L	P21-275
P21I-325 (XX) -L	—
P21I-375 (XX) -L	P21-375



**Note:**

- 1) “XX” is Material identification symbol;
- 2) L is standard strength for plunger;
- 3) The outer surface of the plunger can be processed with annular grooves according to user needs.

**P22—Plunger, Assembled**

Part No.	API No.
P22-125 (XX) -L	P22-125
P22-150 (XX) -L	P22-150
P22-175 (XX) -L	P22-175
P22-200 (XX) -L	P22-200
P22-225 (XX) -L	P22-225
P22-250 (XX) -L	P22-250
P22-275 (XX) -L	P22-275



Note:

- 1) “XX” is Material identification symbol;
- 2) L is standard strength for plunger;
- 3) Two ends are monel connector;
- 4) The outer surface of the plunger can be processed with annular grooves according to user needs.

**P23—Plunger, Box End**

Part No.	API No.
P23-175 (XX) -L	P23-175
P23-225 (XX) -L	P23-225
P23-275 (XX) -L	P23-275
P23-375 (XX) -L	P23-375



**Note:**

- 1) “XX” is Material identification symbol;
- 2) L is standard strength for plunger;
- 3) The outer surface of the plunger can be processed with annular grooves according to user needs.



**WEIMA**  
OIL & GAS LIFTING

**Shandong Weima Pumps Manufacturing Co., Ltd**

1. Pump Material for Plunger

Identification Symbol	Description	Outside surface condition	Base core hardness	Base Material	Base Material Minimum Yield Strength MPa (ksi)
B1	Spray Metal	0.203mm min. thickness, HV <sub>200</sub> 484 min. hardness	70HRB~23HR C	UNS G10XX0	345 (50)
C1	Spray Metal	0.203mm min. thickness, HV <sub>200</sub> 595 min. hardness	70HRB~23HR C	UNS G10XX0	345 (50)
E1	Double Spray Metal	0.50.8mm min. thickness, HV <sub>200</sub> 595 min. hardness	70HRB~23HR C	UNS G10XX0	345 (50)
A1	Chrome Plated	0.152mm min. thickness, 832HV <sub>100</sub> ~1160HV <sub>100</sub> min. hardness	90HRB~23HR C	UNS G10XX0	345 (50)
B1	Double Chrome Plated	0.152mm min. thickness, 832HV <sub>100</sub> ~1160HV <sub>100</sub> min. hardness	90HRB~23HR C	UNS G10XX0	345 (50)



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