

Seatings

Weima Original

S11—Seating Mandrel, Cup

Standard part for rod pump bowl support assembly.

Part No.	API No.
S11-20 (XX) -N	S11-20
S11-25 (XX) -N	S11-25
S11-30 (XX) -N	S11-30



Note:

- 1) “XX” is Material identification symbol;
- 2) N is the quantity for seating cup.

S12—Seating Cup

The leather bowl is a standard part of the support assembly of the leather bowl of the rod test pump. The material is available in nylon or composite depending on well conditions.

Part No.	API No.
S12-20 (XX)	S12-20
S12-25 (XX)	S12-25
S12-30 (XX)	S12-30



Note:

- 1) “XX” is Material identification symbol;

2) Seating Cup material can be selected according to well conditions.

S13—Seating Cup Ring

Leather bowl support assembly standard parts.

Part No.	API No.
S13-20 (XX)	S13-20
S13-25 (XX)	S13-25
S13-30 (XX)	S13-30



Note:

1) “XX” is Material identification symbol.

S14—Seating Cup Nut

Leather bowl support assembly standard parts.

Part No.	API No.
S14-20 (XX)	S14-20
S14-25 (XX)	S14-25
S14-30 (XX)	S14-30



Note:

1) “XX” is Material identification symbol.

S15—Seating Cup Bushing, Top Anchor

The leather bowl support connector is connected to the lower part of the leather bowl support, the lower part of which is connected with the pump barrel or an extended collar.

Part No.	API No.
S15-20-125 (XX)	S15-20-125
S15-20 (XX)	S15-20
S15-25 (XX)	S15-25
S15-30 (XX)	S15-30



Note:

- 1) “XX” is Material identification symbol

S16—Seating Coupling, Bottom Anchor

The bottom support reducing connector is connected to the lower part of the bowl support assembly. The lower part can be connected with the screen tube and other devices.

Part No.	API No.
S16-15 (XX)	S16-15
S16-20 (XX)	S16-20
S16-25 (XX)	S16-25
S16-30 (XX)	S16-30



Note:

- 1) “XX” is Material identification symbol.

S17—Seating Mandrel, Cup

Standard part for tube pump bowl support assembly.

Part No.	API No.
S17-20 (XX)	S17-20
S17-25 (XX)	S17-25
S17-30 (XX)	S17-30



Note:

- 1) “XX” is Material identification symbol.

S18—Seating Cup

The leather bowl is a standard part for the support assembly of the leather bowl of the pipe test pump. The material is available in nylon or composite depending on well conditions.

Part No.	API No.
S18-20 (XX)	S18-20
S18-25 (XX)	S18-25
S18-30 (XX)	S18-30



Note:

- 1) “XX” is Material identification symbol.
- 2) Seating Cup material can be selected according to well conditions.

S21—Seating Assembly, Mechanical Top Lock

The mechanical top locking support assembly is matched with the N14 mechanical top locking support assembly to fix the rod pump body.

Part No.	A	B	C	D	E
S21-20-125 (XX)	Steel/Alloy Steel /Ni-Cu steel	Brass /Stainless steel	Alloy Steel /Spring steel	Steel/Alloy Steel /Ni-Cu steel	Steel/Alloy Steel /Ni-Cu steel
S21-20 (XX)					
S21-25 (XX)					
S21-30 (XX)					

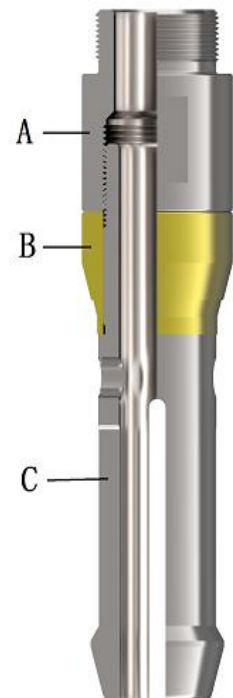


Note:

- 1) “XX” is Material identification symbol; implement according to identification symbol.
- 2) The component material can be selected according to the well condition information.

S22—Seating Assembly, Mechanical Bottom Lock

Mechanical bottom locking support assembly and N12 mechanical bottom support joint to complete the rod pump body or pipe pump fixing valve assembly fixing device.



Part No.	A	B	C
S22-15 (XX)	Alloy Steel/Spring Steel	Brass/Stainle ss Steel	Steel/Alloy Steel /Ni-Cu Alloy
S22-20 (XX)			
S22-25 (XX)			
S22-30 (XX)			

Note:

1) “XX” is Material identification symbol; implement according to identification symbol.

1. Pump Material for Seating Assembly

Identification Symbol	Description	Base core hardness	Base material	Base Material Minimum Yield Strength MPa (ksi)
A1	Steel	90HRB~23HRC	UNS G10XX0	345 (50)
A2	Low Alloy Steel	90HRB~23HRC	UNS G41XX0	345 (50)
A3	Low Alloy Steel	90HRB~23HRC	UNS G86XX0	345 (50)
A4	Ni-Cu Alloy	83HRB~23HRC	UNS N04400	345 (50)
C5	Brass	60HRB~90HRB	UNS C46400	276 (40)
C6	Stainless Steel	79HRB~23HRC	UNS S30400	241 (35)

2. Pump Material for Cup

Identification Symbol	Description	Base core hardness	Base material	Temperature resistance °C
A1	Nylon	Shore D65-92	Nylon	90
A2	PTFE	Shore D65-92	PTFE	220
A3	PEEK	Shore D65-92	PEEK	180



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