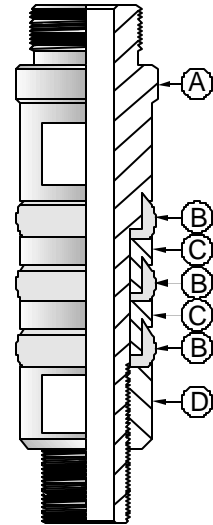




## OIL WELL PUMP PARTS AND ACCESSORIES

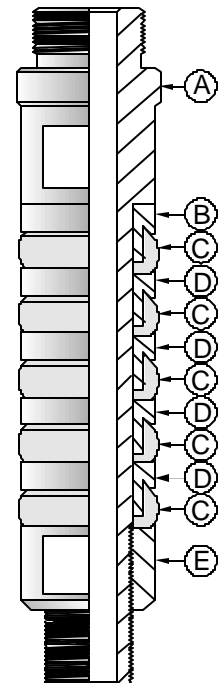
### HOLD-DOWN ASSEMBLY, SEATING, API TYPE 3 CUP, TYPE "HR", ROD PUMP (see notes)

TUBING SIZE		2-3/8"	2-7/8"	3-1/2"		
MANDREL	NO-GO	1.875"	2.337"	2.844"		
	I.D.	0.875"	1.188"	1.438"		
	PIN THREAD SIZE	TOP	1.4704-14	1.8024-14	2.1095-11 1/2	
		BOTTOM	1.1894-14	1.5604-14	2.0035-11 1/2	
NIPPLE I.D.		1.785"	2.285"	2.785"		
ITEM	NO. REQ'D.	API ITEM	DESCRIPTION	COMPONENT PART NUMBER		
A	1	S11	Mandrel	85K	85N	85Q
B	3	S12	Seating Cup	625J+30	625M+70	625P+70
C	2	S13	Spacer Ring	110K	110N	110Q
D	1	S14	Lock Nut	95K	95N	95Q



### HOLD-DOWN ASSEMBLY, SEATING 5 CUP, TYPE "HR", ROD PUMP (see notes)

TUBING SIZE		2-3/8"	2-7/8"	3-1/2"		
MANDREL	NO-GO	1.875"	2.337"	2.844"		
	I.D.	0.875"	1.188"	1.438"		
	PIN THREAD SIZE	TOP	1.4704-14	1.8024-14	2.1095-11 1/2	
		BOTTOM	1.1894-14	1.5604-14	2.0035-11 1/2	
NIPPLE I.D.		1.785"	2.285"	2.785"		
ITEM	NO. REQ'D.	API ITEM	DESCRIPTION	COMPONENT PART NUMBER		
A	1	-	Mandrel	87K	87N1	87Q1
B	1	-	End Spacer	-	110N1	110Q1
C	5	S12	Seating Cup	625J+30	625M+70	625P+70
D	4	S13	Spacer Ring	110K	110N	110Q
E	1	S14	Lock Nut	95K	95N	95Q



**Notes:**

- When ordering, indicate the complete part number by adding the following prefixes to the component part number to indicate specific component part material excluding seating cups.  
**Blank** - Carbon Steel  
**B** - Brass  
**S** - Stainless Steel  
**M** - Monel
- Seating Cups listed are as per API-11AX specified cup sizes. See Seating Cups parts section for complete list of available material and cup size.
- For 2-3/8" 5-Cup Hold-down, spacer end (item B) is not needed. Seating Cup assembles to 87K mandrel directly.
- Top Hold-down** assemblies adapt to **25-Series Bushings** while **Bottom Hold-down** assemblies, adapt to **50-Series Couplings**. See specific bushing/coupling parts section for complete bushing and coupling part numbers and material availability.
- These Hold-downs are use with **89-series Seating Nipples**.  
 See 89-series Seating Nipple parts section for part numbers and material availability.