

700X DSEH Profile Float Shoe

For subsurface launch applications, Forum has partnered with Schlumberger to provide the 700X - DSEH (Deep Sea EXPRES* Head) Profile Float Collar. It features an engineered cement sheath that can house both a bottom and top DSEH plug that, once in place, prevents rotation during drill-out. Since Forum's purchase of Davis-Lynch over 1,400 700X series float collars have been run.

APPLICATIONS

- Subsurface Schlumberger DSEH plug launch applications

FEATURES

- Cement Sheath for DSEH plugs
- PVTS check valve
- Manual-fill

OPTIONS

- Double valve
- Auto-fill capable

BENEFITS

- Provides anti-rotation for DSEH plugs
- Faster drill-out times
- PVTS check valve increases circulation time
- High back-pressure rating at temperature
- PDC drillable



700X DSEH Profile Float Shoe

Data for Davis-Lynch Standard Stock Float Equipment manufactured from K⁵⁵, L⁸⁰ or P¹¹⁰ grade material and threaded with API [®]rd LT&C, ST&C or Buttress Connections

Nominal Casing Size (In.)	Wt. range (Lbs/Ft)	OD (In.)	ID (In.)	K55 Material		L80/N80 Material		P110 Material		Back-Pressure (psi)	Plug Bump-Pressure (psi)	Cement Nose	Eccentric Nose
				Burst (psi)	Collapse (psi)	Burst (psi)	Collapse (psi)	Burst (psi)	Collapse (psi)			Max. Set-down Weight (lbs)	Max. Set-down Weight (lbs)
8-5/8	24.0-44.0	9.625	8.017	8,040	8,420	11,690	12,250	16,080	16,840	5,000	7,500	13,000	31,000
9-5/8	32.3-53.5	10.625	8.921	7,720	8,110	11,230	11,800	15,440	16,200	5,000	7,500	15,000	37,000
10-3/4	32.7-55.5	11.750	10.050	6,960	7,380	10,130	10,480	13,930	13,450	5,000	6,500	19,000	46,000
11-3/4	38.0-65.0	12.750	11.000	6,610	7,030	9,610	9,570	13,210	12,150	5,000	5,500	32,000	76,000
13-3/8	48.0-72.0	14.375	12.615	5,890	5,890	8,570	7,750	11,780	9,560	5,000	5,000	38,000	92,000
16	65.0-109.0	17.000	15.250	4,950	4,290	7,210	5,350	9,910	6,150	4,000	4,000	50,000	121,000
18-5/8	87.5-117.5	19.625	17.755	4,590	3,660	6,670	4,410	9,170	4,980	3,000	3,000	63,000	150,000
20	94.0-133.0	21.000	19.125	4,300	3,160	6,250	3,680	8,590	4,290	3,000	3,000	79,000	190,000

- Standard K55 stock Davis Float Equipment meets or exceeds the burst and collapse ratings of L80/N80 & P110 casing depending on casing weight
- Back-pressure posted for standard PVTs back-pressure valve
- All burst and collapse pressure ratings are calculated in accordance with API bulletin 5C3
- Other sizes, materials and threads available upon request
- Maximum set-down weight assumes even load distribution