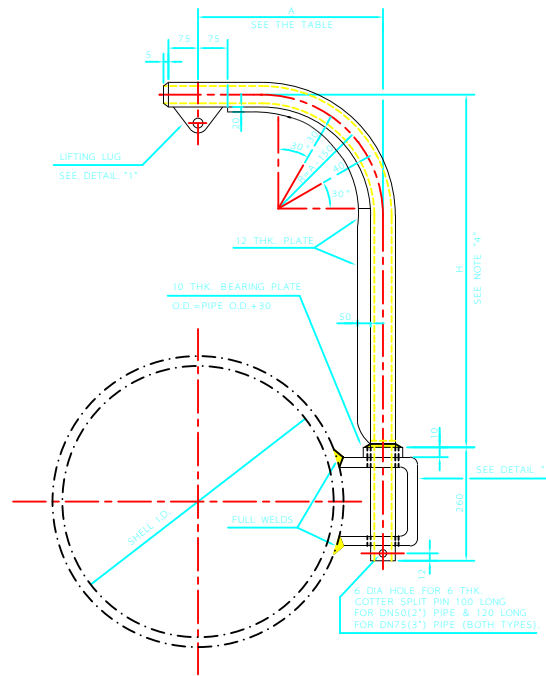
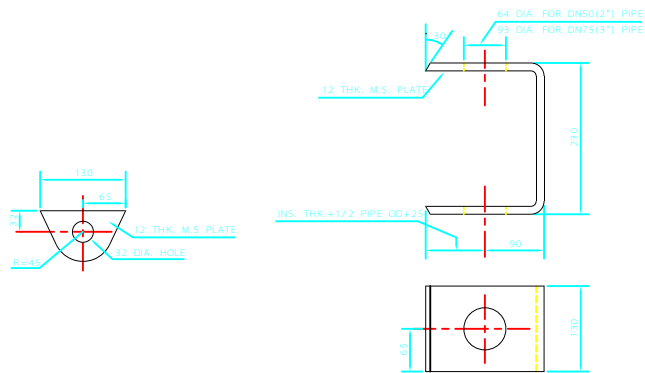


DAVIT TYPE -1



DAVIT TYPE -2



DETAIL -1

DETAIL -2

DIMENSION (A)	DAVIT TYPE 1		DAVIT TYPE 2	
	DN50(2") PIPE SCH. 80	DN75(3") PIPE SCH. 40	DN75(3") PIPE SCH. 80	DN75(3") PIPE SCH. 40
	LOAD (Kg)	LOAD (Kg)	LOAD (Kg)	LOAD (Kg)
460	195	515	700	780
530	160	440	580	665
600	135	380	500	585
680	115	330	445	515
760	100	290	400	455
840	90	260	355	415
910	75	240	325	375
990	65	215	200	340
1070	55	200	270	315
1140	-	180	250	295
1220	-	165	235	270
1300	-	155	215	250
1370	-	145	200	240
1450	-	-	-	220
1520	-	-	-	200

NOTES:

- 1 - ALL DIMENSIONS ARE IN MM.
- 2 - ALL WELDS SHALL BE 6 MM FULL FILLET MIN.
- 3 - PLATES SHALL BE IN ACC. WITH ASTM-A283 Gr.C & PIPES SHALL BE API 5L GR.B OR ASTM-A53 GR.B.
- 4 - DIMENSION "H" IS CALCULATED AS FOLLOWS:

$$H = \frac{\text{SHELL O.D.}}{2} + 840$$
- 5 - AN ALLOWANCE LOAD OF 45 Kg. HAS BEEN MADE FOR THE CHAIN BLOCK.
- 6 - AT THE TIME OF FABRICATION DIMENSION "A" SHOULD BE ADJUST IN SUCH A WAY THAT THE LIFTING LUG ON THE DAVIT AT THE CENTER OF COVERING FLANGE TO BE AT THE SAME VERTICAL LINE.
- 7 - IF DAVITS ARE INSTALLED ON STRESS RELIEVED SHELLS, THE WELD SHALL BE STRESS RELIEVED.
- 8 - DAVITS SHALL BE PAINTED WITH ONE PRIMER COAT OF RED-LEAD AND ONE TOP COAT OF ALUMINIUM PAINTS.

NO.	DESCRIPTION	DATE

IRANIAN PETROLEUM STANDARDS
 NO REVISION PERMITTED UNLESS APPROVED BY STANDARD ORGANIZATION

DAVIT FOR HORIZONTAL CONDENSERS & HEAT EXCHANGERS

DATE	DRAWING No.	SHEET REV.
	IPS - D - ME - 041	1 / 1