



PRODUCT STANDARD
STEAM TURBINE ENGINEERING

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12.5/THERES

SIGN & DATE

SIGN & DATE

SUPERSEDES INVENTORY No.

INVENTORY No.

DIN 93

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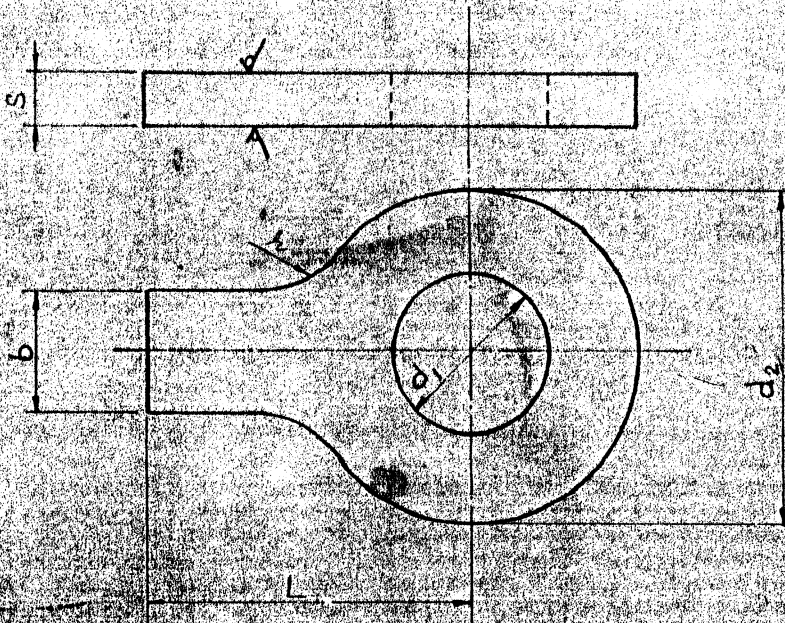


FIG. -1

FIXING ARRANGEMENT - EXAMPLES. (SEE FIG. 2, 3 & 4)

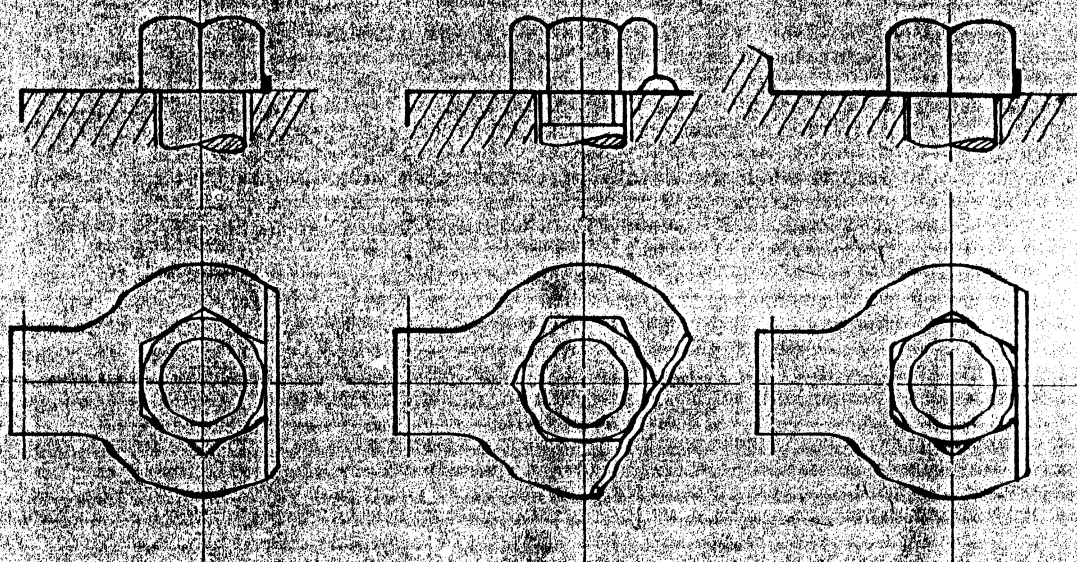


FIG. 2

FIG. 3

FIG. 4

TOL as per IS: 5369 - Precision grade

TAB WASHER

Matl. IS: 2139-D [AA10115]



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TABLE-1

d ₁	b	d ₂	L	r	s	Wt. in kg/1000 pcs.	For thread ded ϕ	Size Nos.
3.2	4	12	13	2.5	0.38	0.368	3	003
3.7	4	12	13	2.5	0.38	0.356	3.5	001
4.3	5	14	14	2.5	0.38	0.487	4	004
5.3	6	17	16	2.5	0.5	1.05	5	005
6.4	7	19	18	4	0.5	1.21	6	006
7.4	7	19	18	4	0.5	1.17	7	007
8.4	8	22	20	4	0.75	2.32	8	008
10.5	10	26	22	6	0.75	3.13	10	010
13	12	30	28	10	1	6	12	012
15	12	33	28	10	1	7	14	014
17	15	36	32	10	1	8.5	16	016
19	18	40	36	10	1	11	18	018
21	18	42	36	10	1	11	20	020
23	20	50	42	10	1	14.8	22	022
25	20	50	42	10	1	14.8	24	024
28	23	58	48	10	1.6	31	27	027
31	26	63	54	16	1.6	36.3	30	030
34	28	68	56	16	1.6	42	33	033
37	30	75	60	16	1.6	51.3	36	036
40	32	82	64	16	1.6	59.7	39	039
43	35	88	70	16	1.6	69.5	42	042
46	38	95	75	16	1.6	81.2	45	045
50	40	100	80	16	1.6	89	48	048
54	44	105	85	16	1.6	98	52	049

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