

## CARBON STEEL HEAD CAPABILITIES

ASME F&D*				STANDARD F&D*			
Head Dia Inch	Thickness Min Inch	Thickness Max Inch	Center Hole**	Head Dia Inch	Thickness Min Inch	Thickness Max Inch	Center Hole**
14-23	0.075	0.25	Yes	14-29	0.075	0.25	Yes
24-35	0.075	0.3125	Yes	30-41	0.075	0.3125	Yes
36-59	0.075	0.625	Yes	42-61	0.075	0.375	Yes
60-61	0.075	0.875	Yes / No	62-99	0.075	0.375	Yes / No
62-63	0.105	0.875	Yes / No	100-109	0.188	0.375	Yes / No
64-97	0.105	1	Yes / No	110-180	0.188	0.75	Yes / No
98-169	0.188	1	Yes / No				
170-180	0.188	1	No				
2:1 ELLIPTICAL				80% - 10%			
Head Dia Inch	Thickness Min Inch	Thickness Max Inch	Center Hole**	Head Dia Inch	Thickness Min Inch	Thickness Max Inch	Center Hole**
18-23	0.188	0.25	Yes	18-23	0.188	0.25	Yes
24-35	0.188	0.3125	Yes	24-35	0.188	0.3125	Yes
36-59	0.188	0.625	Yes	36-59	0.188	0.625	Yes
60-63	0.188	0.875	Yes / No	60-63	0.188	0.875	Yes / No
64-97	0.188	1	Yes / No	64-151	0.188	1	Yes / No
98-144	0.25	1	Yes / No	152-168	0.188	1	No
FLANGED ONLY*				SHALLOW F&D*			
Head Dia Inch	Thickness Min Inch	Thickness Max Inch	Center Hole**	Head Dia Inch	Thickness Min Inch	Thickness Max Inch	Center Hole**
18-22	0.075	0.25	Yes	14-37	0.075	0.25	Yes
23-35	0.075	0.3125	Yes	38-49	0.075	0.3125	Yes
36-61	0.075	0.625	Yes	50-98	0.075	0.375	Yes
62-96	0.105	0.625	Yes / No	99-117	0.188	0.375	Yes
97-169	0.188	0.625	Yes / No	118-180	0.188	0.75	Yes
170-180	0.188	0.625	No				
HIGH CROWN				DISHED ONLY			
Head Dia Inch	Thickness Min Inch	Thickness Max Inch	Center Hole**	Head Dia Inch	Thickness Min Inch	Thickness Max Inch	Center Hole**
18-22	0.188	0.25	Yes	18-26	0.075	0.5	No
23-34	0.188	0.3125	Yes	27-36	0.075	0.75	No
35-58	0.188	0.625	Yes	37-61	0.075	1	No
59-78	0.188	0.875	Yes / No	62-96	0.105	1	No
79-168	0.188	1	Yes / No	97-180	0.188	1	No

\* All gage heads will have center hole

\*\* Center hole option "yes / no" to be specified by customer

For Hemispherical, Toriconical, Cones and Special Heads please contact:  
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