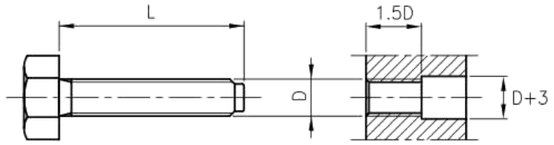
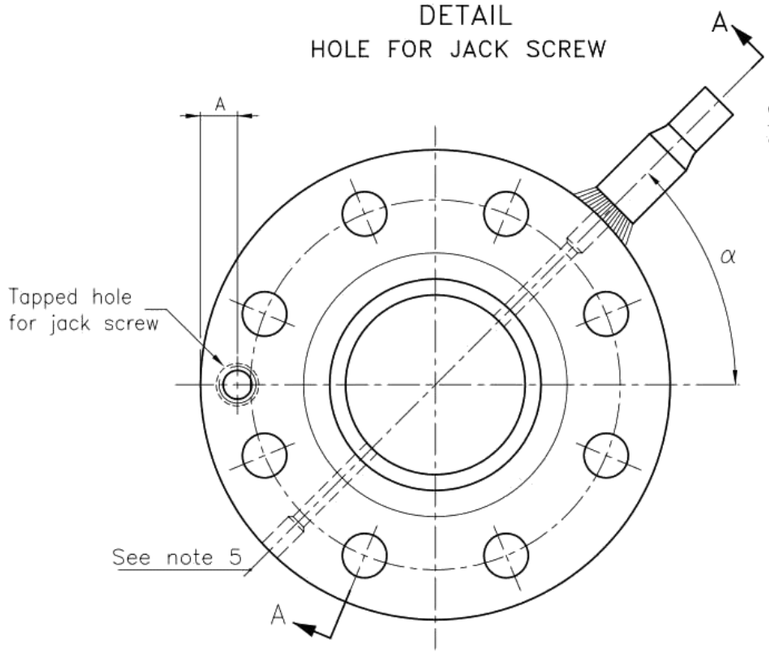
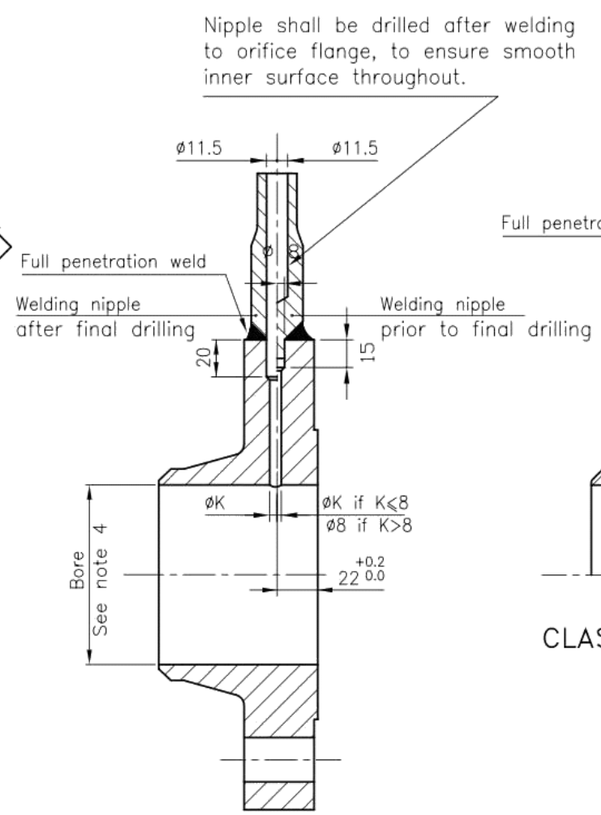
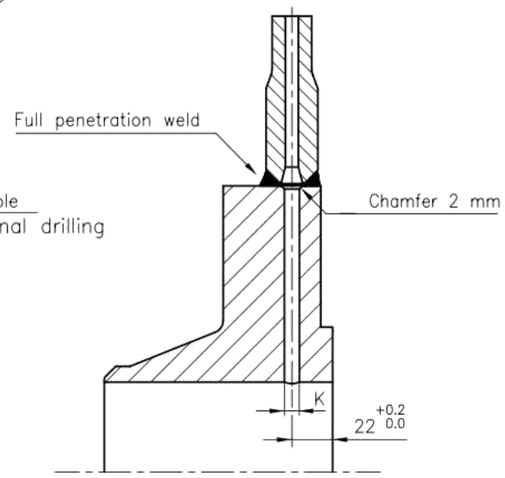


DETAIL
HOLE FOR JACK SCREW

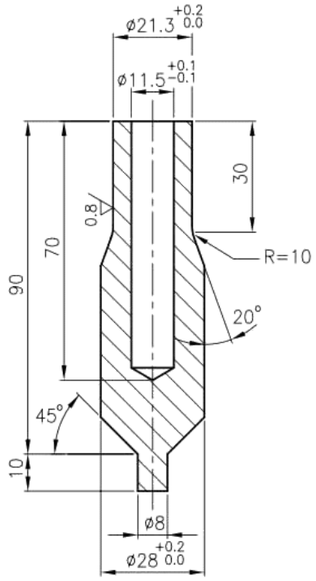




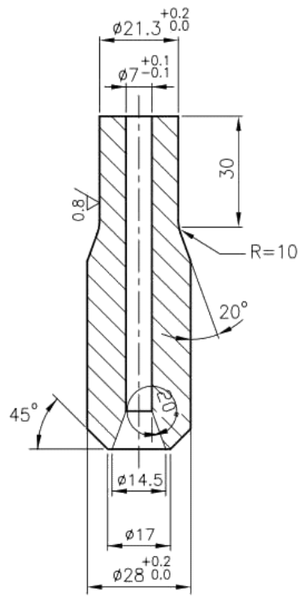
SECTION A–A
CLASS 300, 600 AND 900



CLASS 1500 AND 2500



WELDING NIPPLE
(For class 300, 600 and 900)



WELDING NIPPLE
(For class 1500 and 2500)

CLASS 300					
Nom. size	Jack screw data			Flange tapping	
	Dimension	Dia.	Length	Bore	Angle
DN	A	D	L	K	α
50	REFER CLASS 600				
80					
100	20	M20	80	8	45°
150			90	11.5	30°
200			100		
250			120		45°
300					
350			130		36°
400	24	M24	140		
450			150		45°
500			160		
600			180		

CLASS 600					
Nom. size	Jack screw data			Flange tapping	
	Dimension	Dia.	Length	Bore	Angle
DN	A	D	L	K	α
50	16	M16	80	4	45°
80				6	
100	20	M20	100	8	
150			120	11.5	30°
200			130		
250			140		45°
300			150		
350			160		36°
400	24	M24	180		
450			190		
500			200		45°
600			240		

CLASS 900					
Nom. size	Jack screw data			Flange tapping	
	Dimension	Dia.	Length	Bore	Angle
DN	A	D	L	K	α
50	REFER CLASS 1500				
80	20	M20	100	6	45°
100			110	8	
150			120	11.5	30°
200	24	M24	140		
250			150		45°
300			170		
350			180		36°
400			190		
450			220		
500					
600	30	M30	280		

CLASS 1500					
Nom. size	Jack screw data			Flange tapping	
	Dimension	Dia.	Length	Bore	Angle
DN	A	D	L	K	α
50	16	M16	90	4	45°
80	20	M20	100	6	
100			120	8	
150	24	M24	160	11.5	30°
200			180		
250			200		
300			220		45°
350			240		
400	30	M30	260		
450			300		
500			320		
600	36	M36	360		

CLASS 2500					
Nom. size	Jack screw data			Flange tapping	
	Dimension	Dia.	Length	Bore	Angle
DN	A	D	L	K	α
50	16	M16	100	4	45°
80	20	M20	130	6	
100	24	M24	150	8	
150			200	11.5	30°
200			220		
250	30	M30	280		
300			300		

NOTES:

1. Dimensions : In millimetres.
2. Design : In accordance with ASME B16.36 – "Orifice Flanges" –, except for flange face finish, flange tapping and jack bolt data.
3. Class and material : As per purchase order.
4. Flange bore : As per purchase order.
5. Tappings : Each flange shall have one tapping unless otherwise stated in requisition. If two tappings per flange are required the position shall be diametrically opposite.

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		Ref.Ind. Designer	Sign/init.	Ref.Ind. Custodian	Sign/init.	
ISSUE	DATE	APPROVED. BY				DESCRIPTION

ORIFACE FLANGES, RAISED FACE, WITH FLANGE TAPPINGS
ASME CLASSES 300 TO 2500

EWP	STANDARD DRAWING	SCALE:	Sheet No. of DRG No.