

**Asme 150 –
Short pattern**
Non-standard to API 6D. Annex K.4

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	-	-	-
3	-	-	-
4	-	-	-
6	253	266	265
8	295	308	305
10	365	378	380
12	435	448	450
14	475	488	490
16	545	558	560
18	610	623	630
20	675	688	700
24	810	823	835
28	945	-	975
30	1010	-	1045
32	1080	-	1115
36	1215	-	1250
40	1350	-	1390
42	1415	-	1460
48	1615	-	1650

**ASME 150 –
Long pattern**
Standard to API 6D

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	203	216	203
3	241	254	241
4	292	305	292
6	356	368	356
8	495	508	495
10	622	635	622
12	698*	711	698*
14	787	800	787
16	864	876	864
18	978	991	978
20	978	991	978
24	1295	1308	1295
28	1448	-	1448
30	1524	-	1524
32	-	-	-
36	1956	-	1956
40	-	-	-
42	-	-	-
48	-	-	-

*** Non-standard to API 6D. Annex K.4**

**ASME 300 –
Short pattern**
Non-standard to API 6D. Annex K.4

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	-	-	-
3	-	-	-
4	-	-	-
6	253	269	265
8	295	311	305
10	365	381	380
12	435	451	450
14	475	491	490
16	545	561	560
18	610	626	630
20	675	694	700
24	810	832	835
28	945	970	975
30	1010	1035	1045
32	1080	1109	1115
36	1215	1244	1250
40	1350	-	1390
42	1415	-	1460
48	1615	-	1650

**ASME 300 –
Long pattern**
Standard to API 6D

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	267	283	267
3	317*	333	317*
4	356	371	356
6	444*	460	-
8	533	549	533
10	622	638	622
12	711	727	711
14	838	854	838
16	864	879	864
18	978	994	978
20	1016	1035	1016
24	1346	1368	1346
28	1499	1524	1499
30	1594	1619	1594
32	-	-	-
36	2083	-	2083
40	-	-	-
42	-	-	-
48	-	-	-

*** Non-standard to API 6D. Annex K.4**

**ASME 400 –
Short pattern**
Non-standard to API 6D. Annex K.4

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	-	-	-
3	-	-	-
4	-	-	-
6	253	256	265
8	295	298	305
10	365	368	380
12	435	438	450
14	475	478	490
16	545	548	560
18	610	613	630
20	675	681	700
24	810	819	835
28	945	958	975
30	1010	1023	1045
32	1080	1096	1115
36	1215	1231	1250
40	1350	-	1390
42	1415	-	1460
48	1615	-	1650

**ASME 400 –
Long pattern**
Non-standard to API 6D. Annex K.4

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	292	295	292
3	356	359	356
4	406	409	406
6	495	498	495
8	597	600	597
10	673	676	673
12	762	765	762
14	889	892	889
16	902	905	902
18	1016	1019	1016
20	1054	1060	1054
24	1397	1407	1397
28	1600	1613	1600
30	1651	1664	1651
32	-	-	-
36	2083	-	2083
40	-	-	-
42	-	-	-
48	-	-	-

**ASME 600 –
Short pattern**
Non-standard to API 6D. Annex K.4

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	-	-	-
3	-	-	-
4	-	-	-
6	253	256	265
8	295	298	305
10	365	368	380
12	435	438	450
14	475	478	490
16	545	548	560
18	610	613	630
20	675	681	700
24	810	819	835
28	945	958	975
30	1010	1023	1045
32	1080	1096	1115
36	1215	1231	1250
40	1350	-	1390
42	1415	-	1460
48	1615	-	1650

**ASME 600 –
Long pattern**
Standard to API 6D

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	292	295	292
3	356	359	356
4	432	435	432
6	559	562	559
8	660	664	660
10	787	791	787
12	838	841	838
14	889	892	889
16	991	994	991
18	1092	1095	1092
20	1194	1200	1194
24	1397	1407	1397
28	1600	1613	1600
30	1651	1664	1651
32	-	-	-
36	2083	-	2083
40	-	-	-
42	-	-	-
48	-	-	-

**ASME 900 –
Short pattern**
Non-standard to API 6D. Annex K.4

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	-	-	-
3	-	-	-
4	235	238	238
6	303	306	306
8	341	344	344
10	391	394	394
12	448	451	451
14	485	494	494
16	558	567	567
18	669	682	682
20	684	697	697
24	819	838	938
28	-	-	-
30	1221	1243	-
32	-	-	-
36	-	-	-

**ASME 900 –
Long pattern**
Standard to API 6D

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	368	371	368
3	381	384	381
4	457	460	457
6	610	613	610
8	737	740	737
10	838	841	838
12	965	968	965
14	1029	1038	1029
16	1130	1140	1130
18	1219	1232	1219
20	1321	1334	1321
24	1549	1568	1549
28	-	-	-
30	-	-	-
32	-	-	-
36	-	-	-

**ASME 1500 –
Short pattern**
Non-standard to API 6D. Annex K.4

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	-	-	-
3	-	-	-
4	235	238	238
6	300	306	306
8	335	344	344
10	385	394	394
12	435	451	451
14	475	494	494
16	545	567	610
18	610	682	682
20	675	697	697
24	810	838	938
28	-	1000	-
30	-	-	-
32	-	-	-
36	-	-	-

**ASME 1500 –
Long pattern**

Standard to API 6D

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	368	371	368
3	470	473	470
4	546	549	546
6	705	711	705
8	832	841	832
10	991	1000	991
12	1130	1146	1130
14	1257	1276	1257
16	1384	1407	1384
18	1537	1559	1537
20	1664	1686	1664
24	1943	1972	1943
28	-	-	-
30	-	-	-
32	-	-	-
36	-	-	-

**ASME 2500 –
Short pattern**
Non-standard to API 6D. Annex K.4

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	-	-	-
3	-	-	-
4	295	304	253
6	390	403	324
8	430	446	367
10	540	562	424
12	595	617	486
14	-	-	532
16	-	-	680
18	-	-	732
20	-	-	752
24	-	-	938

**ASME 2500 –
Long pattern**
Standard to API 6D

Connector Size	Flange Raised face	Flange Ring type joint	Welding End
2	451	454	451
3	578	584	578
4	673	683	673
6	914	927	914
8	1022	1038	1022
10	1270	1292	1270
12	1422	1445	1422
14	-	-	-
16	-	-	-
18	-	-	-
20	-	-	-
24	-	-	-