

REFERENCE DATA SHEETS DAVENPORT
UN, UNC, UNF, UNEF, UNS THREAD SIZES

Part Data				Roll Data				Attachment Data		
Size	-	TPI	Major Ø	Blank Diameter	# of Starts	OD	FCD MIN	FCD MAX	Links	Stock Clearance
#0	-	80	0.060	0.050	27	1.255	1.300	1.335	1 35/64	0.580
#1	-	64	0.073	0.061	24	1.344	1.398	1.437	1 29/64	0.678
#1	-	72	0.073	0.062	24	1.392	1.448	1.485	1 13/32	0.728
#2	-	56	0.086	0.072	21	1.400	1.464	1.506	1 25/64	0.744
#2	-	64	0.086	0.074	20	1.382	1.449	1.488	1 13/32	0.729
#3	-	48	0.099	0.083	18	1.377	1.450	1.496	1 25/64	0.730
#3	-	56	0.099	0.086	17	1.355	1.432	1.474	1 27/64	0.712
#4	-	40	0.112	0.094	16	1.360	1.441	1.492	1 13/32	0.721
#4	-	48	0.112	0.096	15	1.343	1.429	1.475	1 27/64	0.709
#5	-	40	0.125	0.107	14	1.372	1.466	1.517	1 3/8	0.746
#5	-	44	0.125	0.109	14	1.406	1.503	1.551	1 11/32	0.783
#6	-	32	0.138	0.116	13	1.355	1.455	1.513	1 25/64	0.735
#6	-	40	0.138	0.120	12	1.332	1.439	1.490	1 13/32	0.719
#8	-	32	0.164	0.142	10	1.302	1.428	1.486	1 27/64	0.708
#8	-	36	0.164	0.144	10	1.340	1.470	1.524	1 3/8	0.750
#10	-	24	0.19	0.161	9	1.304	1.443	1.514	1 13/32	0.723
#10	-	28	0.19	0.164	8	1.203	1.349	1.413	1 1/2	0.629
#10	-	32	0.19	0.168	8	1.250	1.402	1.460	1 29/64	0.682
#10	-	36	0.19	0.170	8	1.279	1.435	1.489	1 13/32	0.715
#10	-	40	0.19	0.171	8	1.298	1.457	1.508	1 25/64	0.737
#10	-	48	0.19	0.174	8	1.334	1.498	1.544	1 11/32	0.778
#10	-	56	0.19	0.176	8	1.360	1.528	1.570	1 5/16	0.808
#12	-	24	0.216	0.187	7	1.196	1.361	1.432	1 31/64	0.641
#12	-	28	0.216	0.191	7	1.242	1.414	1.478	1 7/16	0.694
#12	-	32	0.216	0.194	7	1.275	1.453	1.511	1 25/64	0.733
#12	-	36	0.216	0.196	7	1.295	1.477	1.531	1 3/8	0.757
#12	-	40	0.216	0.197	7	1.317	1.502	1.553	1 11/32	0.782
#12	-	48	0.216	0.200	7	1.349	1.539	1.585	1 5/16	0.819
#12	-	56	0.216	0.202	7	1.372	1.566	1.608	1 9/32	0.846
1/4	-	20	0.25	0.216	6	1.175	1.364	1.445	1 31/64	0.644
1/4	-	24	0.25	0.220	6	1.229	1.428	1.499	1 27/64	0.708
1/4	-	27	0.25	0.223	6	1.260	1.465	1.530	1 25/64	0.745
1/4	-	28	0.25	0.225	6	1.268	1.474	1.538	1 3/8	0.754
1/4	-	32	0.25	0.228	6	1.297	1.509	1.567	1 11/32	0.789
1/4	-	36	0.25	0.230	6	1.315	1.531	1.585	1 5/16	0.811
1/4	-	40	0.25	0.231	6	1.332	1.551	1.602	1 19/64	0.831

**Limited Application. Will have trouble adjusting penetration rate.

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Part Data					Roll Data				Attachment Data	
Size	-	TPI	Major Ø	Blank Diameter	# of Starts	OD	FCD MIN	FCD MAX	Links	Stock Clearance
1/4	-	48	0.25	0.234	6	1.360	1.584	1.630	1 17/64	0.864
1/4	-	56	0.25	0.236	6	1.379	1.607	1.649	1 15/64	0.887
5/16	-	18	0.3125	0.274	5	1.262	1.506	1.595	1 11/32	0.786
5/16	-	20	0.3125	0.278	5	1.272	1.523	1.605	1 21/64	0.803
5/16	-	24	0.3125	0.283	5	1.337	1.598	1.670	1 1/4	0.878
5/16	-	27	0.3125	0.285	5	1.357	1.624	1.690	1 7/32	0.904
5/16	-	28	0.3125	0.288	5	1.369	1.638	1.702	1 13/64	0.918
5/16	-	32	0.3125	0.291	4	1.115	1.389	1.448	1 29/64	0.669
5/16	-	36	0.3125	0.292	5	1.408	1.686	1.741	1 5/32	0.966
5/16	-	40	0.3125	0.294	5	1.423	1.705	1.756	1 9/64	0.985
5/16	-	48	0.3125	0.297	4	1.181	1.468	1.514	1 3/8	0.748
3/8	-	16	0.375	0.332	4	1.230	1.528	1.625	1 5/16	0.808
3/8	-	20	0.375	0.340	4	1.284	1.598	1.679	1 1/4	0.878
3/8	-	24	0.375	0.346	4	1.320	1.644	1.715	1 13/64	0.924
3/8	-	27	0.374	0.348	4	1.335	1.664	1.729	1 3/16	0.944
3/8	-	28	0.375	0.350	4	1.345	1.676	1.740	1 11/64	0.956
3/8	-	32	0.375	0.353	4	1.365	1.702	1.760	1 9/64	0.982
3/8	-	36	0.375	0.354	4	1.376	1.717	1.771	1 1/8	0.997
3/8	-	40	0.375	0.356	4	1.388	1.732	1.783	1 7/64	1.012
7/16	-	14	0.4375	0.389	3	1.081	1.431	1.539	1 27/64	0.711
7/16	-	16	0.4375	0.395	3	1.105	1.466	1.563	1 3/8	0.746
7/16	-	18	0.4375	0.398	3	1.132	1.501	1.590	1 11/32	0.781
7/16	-	20	0.4375	0.403	3	1.150	1.526	1.608	1 21/64	0.806
7/16	-	24	0.4375	0.407	3	1.178	1.564	1.636	1 9/32	0.844
7/16	-	27	0.4364	0.410	3	1.189	1.580	1.645	1 17/64	0.860
7/16	-	28	0.4375	0.412	3	1.196	1.590	1.654	1 1/4	0.870
7/16	-	32	0.4375	0.415	3	1.211	1.610	1.669	1 15/64	0.890
1/2	-	12	0.5	0.444	3	1.230	1.628	1.750	1 7/32	0.908
1/2	-	13	0.5	0.448	3	1.250	1.656	1.770	1 3/16	0.936
1/2	-	14	0.5	0.450	3	1.264	1.676	1.784	1 11/64	0.956
1/2	-	16	0.5	0.475	3	1.297	1.720	1.817	1 1/8	1.000
1/2	-	18	0.5	0.461	3	1.320	1.752	1.840	1 3/32	1.032
1/2	-	20	0.5	0.466	3	1.338	1.777	1.858	1 1/16	1.057
1/2	-	24	0.5	0.470	3	1.365	1.814	1.885	1 1/32	1.094
1/2	-	27	0.4989	0.473	3	1.376	1.829	1.895	1 1/64	1.109
1/2	-	28	0.5	0.475	3	1.384	1.840	1.904	1	1.120
1/2	-	32	0.5	0.478	3	1.398	1.860	1.918	63/64	1.140
9/16	-	12	0.5625	0.506	2	0.945	1.405	1.528	1 7/16	0.685
9/16	-	16	0.5625	0.520	2	0.990	1.476	1.573	1 3/8	0.756
9/16	-	18	0.5625	0.524	2	1.005	1.499	1.588	1 11/32	0.779
9/16	-	20	0.5625	0.528	2	1.017	1.518	1.600	1 21/64	0.798

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Size	-	TPI	Major Ø	Blank Diameter	# of Starts	OD	FCD MIN	FCD MAX	Links	Stock Clearance
9/16	-	24	0.5625	0.533	2	1.035	1.546	1.618	1 19/64	0.826
9/16	-	27	0.5614	0.535	2	1.042	1.558	1.623	1 9/32	0.838
9/16	-	28	0.5625	0.537	2	1.046	1.565	1.629	1 9/32	0.845
9/16	-	32	0.5625	0.540	2	1.063	1.587	1.646	1 17/64	0.867
5/8	-	11	0.625	0.564	2	1.055	1.568	1.700	1 9/32	0.848
5/8	-	14	0.625	0.575	2	1.097	1.634	1.742	1 7/32	0.914
5/8	-	16	0.625	0.582	2	1.115	1.663	1.760	1 3/16	0.943
5/8	-	18	0.625	0.587	2	1.130	1.687	1.775	1 5/32	0.967
5/8	-	20	0.625	0.590	2	1.140	1.704	1.785	1 9/64	0.984
5/8	-	24	0.625	0.596	2	1.160	1.734	1.805	1 7/64	1.014
5/8	-	27	0.624	0.598	2	1.168	1.747	1.812	1 3/32	1.027
5/8	-	28	0.625	0.600	2	1.173	1.754	1.818	1 3/32	1.034
5/8	-	32	0.625	0.603	2	1.180	1.767	1.825	1 5/64	1.047
11/16	-	12	0.6875	0.631	2	1.195	1.780	1.903	1 2/32	1.060
11/16	-	16	0.6875	0.645	2	1.240	1.851	1.948	63/64	1.131
11/16	-	24	0.6875	0.658	2	1.274	1.910	1.982	15/16	1.190
11/16	-	32	0.6875	0.665	2	1.306	1.955	2.014	57/64	1.235
3/4	-	10	0.75	0.683	2	1.285	1.912	2.055	59/64	1.192
3/4	-	12	0.75	0.694	2	1.320	1.968	2.090	7/8	1.248
3/4	-	16	0.75	0.707	2	1.364	2.037	2.134	51/64	1.317
3/4	-	20	0.75	0.716	1	0.696	1.385	1.466	1 15/32	0.665
3/4	-	24	0.75	0.720	1	0.704	1.403	1.474	1 29/64	0.683
3/4	-	27	0.75	0.723	1	0.709	1.414	1.479	1 7/16	0.694
3/4	-	28	0.75	0.725	2	1.423	2.129	2.193	45/64	1.409
3/4	-	32	0.75	0.727	2	1.432	2.144	2.202	11/16	1.424

**Limited Application. Will have trouble adjusting penetration rate.

**REFERENCE DATA SHEETS DAV SERIES
NPT AND NPTF TAPERED PIPE THREAD SIZES**

Part Data			Roll Data				Attachment Data		
Size	- TPI	Form	Blank Diameter @ Y	# of Starts	OD	Gage Dim	FCD MIN	Links	Stock Clearance
1/16	- 27	NPTF	0.279	5	1.340	0.188	1.598	1 1/4	0.878
1/8	- 27	NPTF	0.372	4	1.440	0.188	1.790	1 3/64	1.070
1/4	- 18	NPTF	0.489	3	1.428	0.281	1.886	61/64	1.166
3/8	- 18	NPTF	0.625	2	1.229	0.281	1.822	1 1/64	1.102

**REFERENCE DATA SHEETS DAV SERIES
BSPT TAPERED PIPE THREAD SIZES**

Part Data			Roll Data				Attachment Data		
Size	- TPI	Form	Blank Diameter @ Y	# of Starts	OD	Gage Dim	FCD MIN	Links	Stock Clearance
1/8	- 28	BSPT	0.358	4	1.415	0.172	1.752	1 3/32	1.032
1/4	- 19	BSPT	0.482	3	1.418	0.177	1.869	31/32	1.149
3/8	- 19	BSPT	0.622	2	1.259	0.187	1.848	1	1.128
1/2	- 14	BSPT	0.777	1	0.796	0.177	1.530	1 5/16	0.810

Y Dimension is shown on Gage Setting Chart for NPT, NPTF, & BSPT Thread Sizes

**REFERENCE DATA SHEETS DAV SERIES
NPSM STRAIGHT PIPE THREAD SIZES**

Part Data		Roll Data		Attachment Data			
Size - TPI	Blank Diameter	# of Starts	Roll OD	FCD MIN	Links	Stock Clearance	
1/8 - 27	0.371	4	1.426	1.79	1 3/64	1.070	
1/4 - 18	0.488	3	1.389	1.870	31/32	1.150	
3/8 - 18	0.625	2	1.203	1.815	1 1/32	1.095	
1/2 - 14	0.775	1	0.740	1.499	1 11/32	0.779	

**REFERENCE DATA SHEETS DAV SERIES
BSPP STRAIGHT PIPE THREAD SIZES**

Part Data		Roll Data		Attachment Data			
Size - TPI	Blank Diameter	# of Starts	Roll OD	FCD MIN	Links	Stock Clearance	
1/8 - 28	0.360	4	1.372	1.709	1 9/64	0.989	
1/4 - 19	0.484	3	1.378	1.829	1 1/64	1.109	
3/8 - 19	0.620	2	1.161	1.750	1 6/64	1.030	

Part Data				Roll Data			Attachment Data	
Size	X	Pitch	Blank Diameter	# of Starts	OD	FCD MIN	Links	Stock Clearance
M2	X	0.4	0.066	22	1.357	1.416	1 7/16	0.696
M2.5	X	0.45	0.084	17	1.347	1.423	1 27/64	0.703
M3	X	0.5	0.103	14	1.355	1.448	1 13/32	0.728
M3.5	X	0.6	0.120	12	1.347	1.455	1 25/64	0.735
M4	X	0.7	0.137	10	1.276	1.399	1 29/64	0.679
M5	X	0.8	0.173	8	1.302	1.459	1 25/64	0.739
M6	X	1	0.208	7	1.355	1.542	1 5/16	0.822
M8	X	1	0.286	5	1.362	1.628	1 7/32	0.908
M8	X	1.25	0.280	5	1.308	1.561	1 9/32	0.841
M10	X	0.75	0.372	3	1.085	1.442	1 13/32	0.722
M10	X	1.25	0.359	4	1.362	1.694	1 5/32	0.974
M10	X	1.5	0.352	4	1.319	1.639	1 13/64	0.919
M12	X	1	0.444	3	1.289	1.712	1 1/8	0.992
M12	X	1.25	0.437	3	1.257	1.668	1 11/64	0.948
M12	X	1.5	0.431	3	1.226	1.625	1 7/32	0.905
M12	X	1.75	0.424	3	1.194	1.581	1 17/64	0.861
M14	X	2	0.497	3	1.398	1.851	63/64	1.131
M15	X	1	0.562	2	1.096	1.637	1 13/64	0.917
M16	X	1.5	0.588	2	1.132	1.688	1 5/32	0.968
M16	X	2	0.575	2	1.089	1.621	1 7/32	0.901
M17	X	1	0.641	2	1.253	1.873	31/32	1.153
M18	X	1.5	0.667	2	1.289	1.924	59/64	1.204