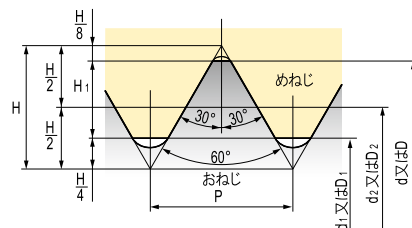
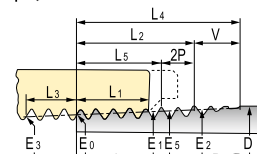


ユニファイネジ／アメリカ管ネジ

▶ ユニファイネジ
H=0.960237×P



▶ NPTネジ



▼ ユニファイネジ (インチネジ)

ネジの 呼び	呼び寸法 (inch)と ネジ山数 (1inch当り)	名 称	メトリック 換算		お ね じ							め ね じ							
			等 級	アロー アンス	外径 mm(d)		有効径 mm(d2)			谷の径 mm(d1)	等 級	内径 mm(D1)		有効径 mm(D2)			谷の径 mm(D)		
					max	min	max	min	公差			min	max	min	max	公差			
10-24	0.1900-24	UNC	4.826	1.058	2A	0.026	4.800	4.618	4.112	4.029	0.083	3.502	2B	3.683	3.962	4.138	4.246	0.108	4.826
					3A	0.000	4.826	4.644	4.137	4.075	0.062	3.528	3B	3.683	3.949	4.138	4.218	0.080	4.826
10-32	0.1900-32	UNF	4.826	0.794	2A	0.024	4.803	4.651	4.287	4.212	0.075	3.830	2B	3.963	4.165	4.311	4.409	0.098	4.826
					3A	0.000	4.826	4.674	4.310	4.252	0.058	3.853	3B	3.963	4.168	4.311	4.384	0.073	4.826
1/4-20	0.2500-20	UNC	6.350	1.270	2A	0.029	6.322	6.117	5.496	5.403	0.093	4.765	2B	4.979	5.257	5.525	5.648	0.123	6.350
1/4-28	0.2500-28	UNF	6.350	0.907	2A	0.026	6.324	6.160	5.735	5.652	0.083	5.212	2B	5.360	5.588	5.761	5.869	0.108	6.350
5/16-18	0.3125-18	UNC	7.937	1.411	2A	0.031	7.907	7.687	6.990	6.889	0.101	6.174	2B	6.401	6.731	7.021	7.155	0.134	7.938
5/16-20	0.3125-20	UN	7.937	1.270	2A	0.031	7.907	7.702	7.081	6.980	0.101	6.350	2B	6.554	6.858	7.112	7.244	0.132	7.938
3/8-28	0.3750-28	UN	9.525	0.907	2A	0.027	7.912	7.747	7.322	7.237	0.085	6.799	2B	6.960	7.162	7.349	7.459	0.110	7.938
3/8-16	0.3750-16	UNC	9.525	1.588	2A	0.034	9.491	9.254	8.460	8.349	0.111	7.543	2B	7.798	8.153	8.494	8.638	0.114	9.525
7/16-20	0.4375-20	UNF	11.112	1.270	2A	0.033	11.079	10.874	10.254	10.147	0.107	9.522	2B	9.729	10.053	10.287	10.424	0.137	11.113
1/2-13	0.5000-13	UNC	12.700	1.954	2A	0.038	12.661	12.386	11.392	11.265	0.127	10.264	2B	10.592	11.023	11.430	11.595	0.165	12.700
1/2-20	0.5000-20	UNF	12.700	1.270	2A	0.034	12.666	12.462	11.841	11.732	0.109	11.109	2B	11.329	11.607	11.875	12.016	0.141	12.700
5/8-11	0.6250-11	UNC	15.875	2.309	2A	0.042	15.834	15.528	14.335	14.197	0.138	13.002	2B	13.386	13.868	14.377	14.559	0.182	15.875
5/8-18	0.6250-18	UNF	15.875	1.411	2A	0.037	15.839	15.619	14.992	14.804	0.118	14.107	2B	14.351	14.681	14.959	15.110	0.151	15.875
3/4-16	0.7500-16	UNF	19.050	1.588	2A	0.039	19.011	18.744	17.980	17.854	0.126	17.063	2B	17.323	17.678	18.019	18.183	0.164	19.050
1-8	1.0000-8	UNC	25.400	3.175	2A	0.052	25.349	24.969	23.286	23.114	0.172	21.452	2B	21.971	22.606	23.338	23.561	0.223	25.400
1 1/8-12	1.1250-12	UNF	28.575	2.117	2A	0.046	28.529	28.240	27.155	27.003	0.152	25.933	2B	26.289	26.746	27.201	27.398	0.197	28.575
1 1/8-20	1.1250-20	UN	28.575	1.270	2A	0.037	28.539	28.334	27.713	27.600	0.113	26.982	2B	27.204	27.482	27.750	27.899	0.149	28.575
1 1/4-7	1.2500-7	UNC	31.750	3.629	2A	0.056	31.694	31.278	29.337	29.150	0.187	27.241	2B	27.813	28.524	29.393	29.636	0.243	31.750
1 5/16-16	1.3125-16	UN	33.337	1.588	2A	0.039	33.299	33.061	32.268	32.139	0.129	31.351	2B	31.623	31.978	32.307	32.473	0.166	33.338
1 3/8-12	1.3750-12	UNF	34.925	2.117	2A	0.049	34.876	34.588	33.502	33.343	0.159	32.280	2B	32.639	33.096	33.551	33.759	0.208	34.925
1 1/2-12	1.5000-12	UNF	38.100	2.117	2A	0.049	38.051	37.763	36.677	36.516	0.161	35.455	2B	35.814	36.271	36.726	36.936	0.210	38.100
1 1/2-16	1.5000-16	UN	38.100	1.588	2A	0.041	38.059	37.821	37.028	36.897	0.131	36.111	2B	36.373	36.728	37.069	37.241	0.172	38.100
1 11/16-18	1.6875-18	UNEF	42.862	1.411	2A	0.039	42.824	42.604	41.907	41.778	0.129	41.092	2B	41.326	41.656	41.946	42.133	0.167	42.863
1 13/16-16	1.8125-16	UN	46.037	1.588	2A	0.042	45.996	45.759	44.965	44.831	0.134	44.048	2B	44.323	44.678	45.007	45.181	0.174	46.038
1 7/8-16	1.8750-16	UN	47.625	1.588	2A	0.041	47.584	47.346	46.553	46.419	0.134	45.636	2B	45.898	46.253	46.594	46.769	0.175	47.625
2-12	2.0000-12	UN	50.800	2.117	2A	0.046	50.754	50.465	49.380	49.226	0.134	48.158	2B	48.514	48.971	49.426	49.626	0.200	50.800
2 3/16-16	2.1875-16	UNS	55.563	—	2A	0.040	55.522	55.283	54.491	54.353	0.138	53.574	2B	53.848	54.204	54.351	54.709	0.178	55.562
2 1/4-14	2.2500-14	UNS	57.150	—	2A	0.043	57.107	56.845	55.928	55.783	0.145	54.882	2B	55.194	55.575	55.971	56.159	0.188	57.150
2 5/8-16	2.6250-16	UN	66.675	1.588	2A	0.044	66.631	66.394	65.600	65.461	0.139	64.683	2B	64.948	65.303	65.644	65.826	0.182	66.675
2 3/4-16	2.7500-16	UN	69.850	1.588	2A	0.044	69.806	69.569	68.775	68.636	0.139	67.858	2B	68.123	68.478	68.819	69.001	0.182	69.850
3 1/8-16	3.1250-16	UN	79.375	1.588	2A	0.044	79.331	79.094	78.330	78.159	0.141	77.383	2B	77.648	78.003	78.344	78.529	0.185	79.375
3 1/4-16	3.2500-16	UN	82.550	1.588	2A	0.044	82.506	82.269	81.475	81.334	0.141	80.558	2B	80.823	81.178	81.519	81.704	0.185	82.550
3 7/8-12	3.8750-12	UN	98.425	2.117	2A	0.051	98.374	98.085	97.000	96.835	0.165	95.778	2B	96.139	96.596	97.044	97.266	0.215	98.425
3 5/16-12	3.3125-12	UNS	84.138	2.117	2A	0.048	84.098	83.800	82.715	82.555	0.160	81.491	2B	81.852	82.309	82.763	82.972	0.209	84.138
4-16	4.0000-16	UN	101.600	1.588	2A	0.046	101.554	101.316	100.523	100.373	0.150	99.606	2B	99.873	100.228	100.567	100.762	0.193	101.600
4 1/2-12	4.5000-12	UN	114.300	2.117	2A	0.051	114.249	110.896	112.875	112.710	0.165	125.369	2B	112.014	112.471	112.926	113.132	0.206	114.300
5-12	5.0000-12	UN	127.000	2.117	2A	0.051	126.949	123.596	125.575	125.410	0.165	124.353	2B	124.714	125.171	125.626	125.832	0.206	127.000
5 3/4-12	5.7500-12	UN	146.050	2.117	2A	0.051	145.999	142.646	144.625	144.460	0.165	143.403	2B	143.764	144.221	144.676	144.882	0.206	146.050
6 1/4-12	6.2500-12	UN	158.750	2.117	2A	0.051	158.699	155.346	157.325	156.160	0.165	156.103	2B	156.464	155.921	157.376	157.582	0.206	158.750
6 7/8-12	6.8750-12	UN	174.625	2.117	2A	0.051	174.574	171.221	173.200	173.035	0.165	171.978	2B	172.339	172.796	173.251	173.457	0.206	174.675
8 3/8-12	8.3750-12	UN	212.725	2.117	2A	0.051	212.674	212.385	211.300	211.135	0.165	210.078	2B	210.439	210.896	211.351	211.557	0.206	212.725

▼ NPTネジ (インチ管用テーパネジ)

	外径 パイプ D	ネジ山数 (1inch当り)	ピッチ P	ピッチ径 おねじ管 端部 E ₀	手締め基準		有効ネジ おねじ		レンチ締め長さ めねじ		不完全 ネジ部 V	全ネジ 長さ L ₄	完全外径ネジ		管端の おねじの 谷径
					長さ L ₁	ピッチ径 E ₁	長さ L ₂	径 E ₂	長さ L ₃	径 E ₃			長さ L ₅	径 E ₅	
1/16	7.938	27	0.9407	6.8880	4.064	7.1420	6.6319	7.3025	2.8219	6.7117	3.2639	9.8958	4.7498	7.1849	6.1366
1/8	10.29	27	0.9407	9.2332	4.102	9.4894	6.7031	9.6520	2.8219	9.0565	3.2639	9.9670	4.8209	9.5344	8.4811
1/4	13.72	18	1.4112	12.1257	5.786	12.4874	10.2057	12.7635	4.2342	11.8610	4.8971	15.1028	7.3838	12.5872	10.9957
3/8	17.15	18	1.4112	15.5451	6.096	15.9261	10.3581	16.1925	4.2342	15.2806	4.8971	15.2552	7.5362	16.1622	14.4170
1/2	21.34	14	1.8143	19.2641	8.128	19.7721	13.5560	20.1115	5.4432	18.9240	6.2941	19.8501	9.9289	19.8846	17.8130
3/4	26.67	14	1.8143	24.5790	8.611	25.1173	13.8608	25.4455	5.4432	24.2390	6.2941	20.1549	10.2337	25.2186	23.1267
1	33.40	11 1/2	2.2088	30.8262	10.160	31.4612	17.3431	31.9100	6.6269	30.4122	7.6632	25.0063	12.9261	31.6339	29.0601
1 1/4	42.16	11 1/2	2.2088	39.5511	10.688	40.2179	17.9527	40.6730	6.6269	39.1371	7.6632	25.6159	13.5357	40.3969	37.7850