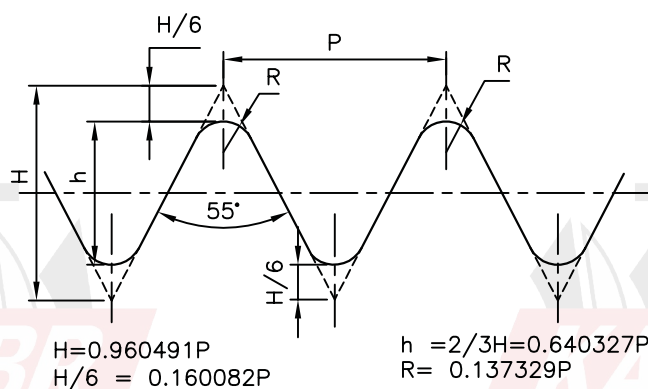


BASIC DIMENSIONS OF PIPE THREADS, WHERE PRESSURE-TIGHT JOINTS ARE NOT MADE ON THE THREADS (G THREADS):

DESIGNATION OF THE THREAD G:	PITCH		DEPTH OF THREAD	BASIC DIAMETERS		
	TPI	mm		MAJOR DIA d=D mm	PITCH DIA d2=D2 mm	MINOR DIA d1=D1mm
1/16	28	0.907	0.581	7.723	7.142	6.561
1/8	28	0.907	0.581	9.728	9.147	8.566
1/4	19	1.337	0.856	13.157	12.301	11.445
3/8	19	1.337	0.856	16.662	15.806	14.950
1/2	14	1.814	1.162	20.955	19.793	18.631
5/8	14	1.814	1.162	22.911	21.749	20.587
3/4	14	1.814	1.162	26.441	25.279	24.117
7/8	14	1.814	1.162	30.201	29.039	27.877
1	11	2.309	1.479	33.249	31.770	30.291
1 1/8	11	2.309	1.479	37.897	36.418	34.939
1 1/4	11	2.309	1.479	41.910	40.431	38.952
1 1/2	11	2.309	1.479	47.803	46.324	44.845
1 3/4	11	2.309	1.479	53.746	52.267	50.788
2	11	2.309	1.479	59.614	58.135	56.656
2 1/4	11	2.309	1.479	65.710	64.231	62.752
2 1/2	11	2.309	1.479	75.184	73.705	72.226
2 3/4	11	2.309	1.479	81.534	80.055	78.576
3	11	2.309	1.479	87.884	86.405	84.926
3 1/2	11	2.309	1.479	100.330	98.851	97.372
4	11	2.309	1.479	113.030	111.551	110.072
4 1/2	11	2.309	1.479	125.730	124.251	122.772
5	11	2.309	1.479	138.430	136.951	135.472
5 1/2	11	2.309	1.479	151.130	149.651	148.172
6	11	2.309	1.479	163.830	162.351	160.872

PIPE / G THREAD PROFILE



PIPE THREADS, WHERE PRESSURE- TIGHT JOINTS ARE NOT MADE ON THE THREADS (G THREADS): COMPONENT

SIZE	EXTERNAL THREADS							INTERNAL THREADS				
	MAJOR \varnothing		PITCH \varnothing CLASS A		PITCH \varnothing CLASS B		MINOR \varnothing	MINOR \varnothing		PITCH \varnothing CLASS A		MINOR \varnothing
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
G 1/16	7.723	7.509	7.142	7.035	7.142	6.928	6.561	6.561	6.843	7.142	7.249	7.723
G 1/8	9.728	9.514	9.147	9.040	9.147	8.933	8.566	8.566	8.848	9.147	9.254	9.728
G 1/4	13.157	12.905	12.301	12.176	12.301	12.051	11.445	11.445	11.890	12.301	12.426	13.157
G 3/8	16.662	16.412	15.806	15.681	15.806	15.556	14.950	14.950	15.395	15.806	15.931	16.662
G S	20.955	20.671	19.793	19.651	19.793	19.509	18.631	18.631	19.172	19.793	19.935	20.955
G 5/8	22.911	22.627	21.749	21.607	21.749	21.465	20.587	20.587	21.128	21.749	21.891	22.911
G 3/4	26.441	26.157	25.279	25.137	25.279	24.995	24.117	24.117	24.658	25.279	25.421	26.441
G 7/8	30.201	29.917	29.039	28.897	29.039	28.755	27.877	27.877	28.418	29.039	29.181	30.201
G 1	33.249	32.889	31.770	31.590	31.770	31.410	30.291	30.291	30.931	31.770	31.950	33.249
G 1 1/8	37.897	37.537	36.418	36.238	36.418	36.058	34.939	34.939	35.579	36.418	36.598	37.897
G 1 1/4	41.910	41.550	40.431	40.251	40.431	40.071	38.952	38.952	39.592	40.431	40.611	41.910
G 1 1/2	47.803	47.443	46.324	46.144	46.324	45.964	44.845	44.845	45.485	46.324	46.504	47.803
G 1 3/4	53.746	53.386	52.267	52.087	52.267	51.907	50.788	50.788	51.428	52.267	52.447	53.746
G 2	59.614	59.254	58.135	57.955	58.135	57.775	56.656	56.656	57.296	58.135	58.315	59.614
G 2 1/4	65.710	65.276	64.231	64.014	64.231	63.797	62.752	62.752	63.392	64.231	64.448	65.710
G 2 1/2	75.184	74.750	73.705	73.488	73.705	73.271	72.226	72.226	72.866	73.705	73.922	75.184
G 2 3/4	81.534	81.100	80.055	79.838	80.055	79.621	78.576	78.576	79.216	80.055	80.272	81.534
G 3	87.884	87.450	86.405	86.188	86.405	85.971	84.926	84.926	85.566	86.405	86.622	87.884
G 3 1/2	100.330	99.896	98.851	98.634	98.851	98.417	97.372	97.372	98.012	98.851	99.068	100.330
G 4	113.030	112.596	111.551	111.334	111.551	111.117	110.072	110.072	110.712	111.551	111.768	113.030
G 4 1/2	125.730	125.296	124.251	124.034	124.251	123.817	122.772	122.772	123.412	124.251	124.468	125.730
G 5	138.430	137.996	136.951	136.734	136.951	136.517	135.472	135.472	136.112	136.951	137.168	138.430
G 5 1/2	151.130	150.696	149.651	149.434	149.651	149.217	148.172	148.172	148.812	149.651	149.868	151.130
G 6	163.830	163.396	162.351	162.134	162.351	161.917	160.872	160.872	161.512	162.351	162.568	163.830

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