

Kernlochdurchmesser für das Gewindeschneiden

Zöllige Gewinde

UNC-Regelgewinde DIN 336 (ISO 5864)					
Nenn- Ø	Gang pro	Kernloch Ø	Kerndurchmesser Muttergewinde		
			min. mm	max. mm	
	inch	mm			
Nr. 1	– 64	1,50	1,425	1,582	
Nr. 2	– 56	1,85	1,694	1,872	
Nr. 3	– 48	2,10	1,941	2,146	
Nr. 4	– 40	2,35	2,385	2,156	
Nr. 5	– 40	2,65	2,697	2,487	
Nr. 6	– 32	2,85	2,642	2,896	
Nr. 8	– 32	3,50	3,302	3,531	
Nr. 10	– 24	3,90	3,683	3,962	
Nr. 12	– 24	4,50	4,343	4,597	
Nr. 1/4	– 20	5,10	4,976	5,268	
5/16	– 18	6,60	6,411	6,734	
3/8	– 16	8,00	7,805	8,164	
7/16	– 14	9,40	9,149	9,550	
1/2	– 13	10,80	10,584	11,013	
9/16	– 12	12,20	11,996	12,456	
5/8	– 11	13,50	13,376	13,868	
3/4	– 10	16,50	16,299	16,833	
7/8	– 9	19,50	19,169	19,748	
1	– 8	22,25	21,963	22,598	
1.1/8	– 7	25,00	24,648	25,349	
1.1/4	– 7	28,00	27,823	28,524	
1.3/8	– 6	30,75	30,343	21,120	
1.1/2	– 6	34,00	33,518	34,295	
1.3/4	– 5	39,50	38,951	39,814	
2	– 4,5	45,00	44,689	45,598	

UNF-Gewinde DIN 336 (ISO 5864)					
Nenn- Ø	Gang pro	Kernloch Ø	Kerndurchmesser Muttergewinde		
			min. mm	max. mm	
	inch	mm			
Nr. 1	– 72	1,55	1,473	1,613	
Nr. 2	– 64	1,90	1,755	1,913	
Nr. 3	– 56	2,15	2,024	2,197	
Nr. 4	– 48	2,40	2,271	2,459	
Nr. 5	– 44	2,70	2,550	2,741	
Nr. 6	– 40	2,95	2,819	3,023	
Nr. 8	– 36	3,50	3,404	3,607	
Nr. 10	– 32	4,10	3,962	4,166	
Nr. 12	– 28	4,70	4,496	4,724	
1/4	– 28	5,50	5,367	5,580	
5/16	– 24	6,90	6,792	7,038	
3/8	– 24	8,50	8,379	8,626	
7/16	– 20	9,90	9,739	10,030	
1/2	– 20	11,50	11,326	11,618	
9/16	– 18	12,90	12,761	13,084	
5/8	– 18	14,50	14,348	14,671	
3/4	– 16	17,50	17,330	17,689	
7/8	– 14	20,40	20,262	20,663	
1	– 12	23,25	23,109	23,569	
1.1/8	– 12	26,50	26,284	26,744	
1.1/4	– 12	29,50	29,459	29,919	
1.3/8	– 12	32,75	32,634	33,094	
1.1/2	– 12	36,00	35,809	36,269	

BSW-(Whitworth)-Gewinde					
Nenn- Ø	Gang pro	Kernloch Ø	Kerndurchmesser Muttergewinde		
			min. mm	max. mm	
	inch	mm			
W 1/8	40	2,50	–	–	
W 5/32	32	3,20	–	–	
W 3/16	24	3,60	–	–	
W 1/4	20	5,10	4,744	5,224	
W 5/16	18	6,50	6,151	6,661	
W 3/8	16	7,90	7,512	8,052	
W 7/16	14	9,20	8,809	9,379	
W 1/2	12	10,50	10,015	10,610	
W 5/8	11	13,50	12,948	13,598	
W 3/4	10	16,25	15,831	16,538	
W 7/8	9	19,25	18,647	19,411	
W 1	8	22,00	21,375	22,185	
W 1.1/8	7	24,50	23,976	24,879	
W 1.1/4	7	27,75	27,151	28,054	
W 1.3/8	6	30,50	29,558	30,555	
W 1.1/2	6	33,50	32,733	33,730	
W 1.5/8	5	35,50	34,834	35,921	
W 1.3/4	5	39,00	38,009	39,096	
W 2	4,5	44,50	43,643	44,823	

(Whitworth)-Rohrgewinde (nach DIN-ISO 228) DIN 336					
Nenn- Ø	Gang pro	Kernloch Ø	Kerndurchmesser Muttergewinde		
			min. mm	max. mm	
	inch	mm			
G 1/16	28	6,80	6,561	6,843	
G 1/8	28	8,80	8,566	8,848	
G 1/4	19	11,80	11,445	11,890	
G 3/8	19	15,25	15,395	14,950	
G 1/2	14	19,00	18,631	19,172	
G 5/8	14	21,00	20,587	21,128	
G 3/4	14	24,50	24,117	24,658	
G 7/8	14	28,25	27,877	28,418	
G 1	11	30,75	30,291	30,931	
G 1.1/8	11	35,50	34,939	35,579	
G 1.1/4	11	39,50	38,952	39,592	
G 1.1/2	11	45,25	44,845	45,485	
G 1.3/4	11	51,00	50,788	51,428	
G 2	11	57,00	56,656	57,296	

Stahlpanzerrohr-Gewinde nach DIN 40430					
Nenn- Ø	Gang pro	Kernloch Ø	Kerndurchmesser Muttergewinde		
			min. mm	max. mm	
	inch	mm			
Pg 7,0	20	11,40	11,280	11,430	
Pg 9,0	18	14,00	13,860	14,010	
Pg 11,0	18	17,30	17,260	17,410	
Pg 13,5	18	19,00	19,060	19,210	
Pg 16,0	18	21,30	21,160	21,310	
Pg 21,0	16	26,90	26,780	27,030	
Pg 29,0	16	35,50	35,480	35,730	
Pg 36,0	16	45,50	45,480	45,730	
Pg 42,0	16	52,50	52,480	52,730	
Pg 48,0	16	57,80	57,780	58,030	

NPT Amerikanisches kegeliges Rohrgewinde Kegel 1:16					
Nenn- größe	Kern- loch-Ø	Kern- loch-Ø	Ein- scheid- tiefe	Bohr- tiefe min.	
					inch
1/16 – 27,0	6,15	6,39	9,29	10,7	
1/8 – 27,0	8,40	8,74	9,32	10,8	
1/4 – 18,0	11,10	11,36	13,52	15,6	
3/8 – 18,0	14,30	14,80	13,83	16,0	
1/2 – 14,0	17,90	18,32	18,07	20,8	
3/4 – 14,0	23,30	23,67	18,55	21,3	
1 – 11,5	29,00	29,69	22,29	25,6	
1.1/4 – 11,5	37,70	38,45	22,80	26,1	
1.1/2 – 11,5	43,70	44,52	22,80	26,1	
2 – 11,5	55,60	56,56	23,20	26,5	
2.1/2 – 8	66,30	67,62	31,57	36,3	
3 – 8	82,30	83,52	33,74	38,5	

