

[illegible]

Metrische ISO-Feingewinde DIN 13					
Nenn- Ø	x	Steigung P	Kernloch- (Bohr-)Ø DIN 336 mm	Kern-Ø Muttergewinde 6H	
				min. mm	max. mm
M 2,5	x	0,35	2,15	2,121	2,221
M 3,0	x	0,35	2,65	2,621	2,721
M 3,5	x	0,35	3,15	3,121	3,221
M 4,0	x	0,50	3,50	3,459	3,599
M 4,5	x	0,50	4,00	3,959	4,099
M 5,0	x	0,50	4,50	4,459	4,599
M 5,5	x	0,50	5,00	4,959	5,099
M 6,0	x	0,75	5,20	5,188	5,378
M 7,0	x	0,75	6,20	6,188	6,378
M 8,0	x	0,50	7,50	7,459	7,599
M 8,0	x	0,75	7,20	7,188	7,378
M 8,0	x	1,00	7,00	6,917	7,153
M 9,0	x	0,75	8,20	8,188	8,378
M 9,0	x	1,00	8,00	7,917	8,153
M 10	x	0,75	9,20	9,188	9,378
M 10	x	1,00	9,00	8,917	9,153
M 10	x	1,25	8,80	8,647	8,912
M 11	x	0,75	10,20	10,188	10,378
M 11	x	1,00	10,00	9,917	10,153
M 12	x	1,00	11,00	10,917	11,153
M 12	x	1,25	10,80	10,647	10,912
M 12	x	1,50	10,50	10,376	10,676
M 14	x	1,00	13,00	12,917	13,153
M 14	x	1,25	12,80	12,647	12,912
M 14	x	1,50	12,50	12,376	12,676
M 15	x	1,00	14,00	13,917	14,153
M 15	x	1,50	13,50	13,376	13,676
M 16	x	1,00	15,00	14,917	15,153
M 16	x	1,25	14,80	14,647	14,912
M 16	x	1,50	14,50	14,376	14,676
M 17	x	1,00	16,00	15,917	16,153
M 17	x	1,50	15,50	15,376	15,676
M 18	x	1,00	17,00	16,917	17,153
M 18	x	1,50	16,50	16,376	16,676
M 20	x	1,00	19,00	18,917	19,153
M 20	x	1,50	18,50	18,376	18,676
M 20	x	2,00	18,00	17,835	18,210
M 22	x	1,00	21,00	20,917	21,153
M 22	x	1,50	20,50	20,376	20,676
M 22	x	2,00	20,00	19,835	20,210
M 24	x	1,00	23,00	22,917	23,153
M 24	x	1,50	22,50	22,376	22,676
M 24	x	2,00	22,00	21,835	22,210
M 25	x	1,00	24,00	23,917	24,153
M 25	x	1,50	23,50	23,376	23,676
M 25	x	2,00	23,00	22,835	23,210
M 27	x	1,00	26,00	25,917	26,153
M 27	x	1,50	25,50	25,376	25,676
M 27	x	2,00	25,00	24,835	25,210
M 28	x	1,00	27,00	26,917	27,153
M 28	x	1,50	26,50	26,376	26,676
M 28	x	2,00	26,00	25,835	26,210
M 30	x	1,00	29,00	28,917	29,153
M 30	x	1,50	28,50	28,376	28,676
M 30	x	2,00	28,00	27,835	28,210
M 30	x	3,00	27,00	26,752	27,252
M 32	x	1,50	30,50	30,376	30,676
M 32	x	2,00	30,00	29,835	30,210
M 33	x	1,50	31,50	31,376	31,676
M 33	x	2,00	31,00	30,835	31,210
M 33	x	3,00	30,00	29,752	30,252
M 35	x	1,50	33,50	33,376	33,676
M 36	x	1,50	34,50	34,376	34,676

UNC-Gewinde ASME B1.1					
Nenn- Ø	Gang	Kern- loch- (Bohr-)Ø	Kern-Ø Muttergewinde 2B		
			min. mm	max. mm	
Nr. 1	- 64	1,55	1,425	1,580	
Nr. 2	- 56	1,85	1,694	1,872	
Nr. 3	- 48	2,10	1,941	2,146	
Nr. 4	- 40	2,35	2,157	2,385	
Nr. 5	- 40	2,65	2,487	2,698	
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	3,937	
Nr. 12	- 24	4,50	4,343	4,597	
1/4	- 20	5,10	4,978	5,258	
5/16	- 18	6,60	6,401	6,731	
3/8	- 16	8,00	7,798	8,153	
7/16	- 14	9,40	9,144	9,550	
1/2	- 13	10,80	10,592	11,024	
9/16	- 12	12,20	11,989	12,446	
5/8	- 11	13,50	13,386	13,868	
3/4	- 10	16,50	16,307	16,840	
7/8	- 9	19,50	19,177	19,761	
1	- 8	22,25	21,971	22,606	
1 1/8	- 7	25,00	24,638	25,349	
1 1/4	- 7	28,00	27,813	28,542	
1 3/8	- 6	30,75	30,353	31,115	
1 1/2	- 6	34,00	33,528	34,290	
1 3/4	- 5	39,50	38,938	39,802	
2	- 4,5	45,00	44,679	45,593	

[illegible]

NPT ANSI B 2.1					
Amerik. kegeliges Rohrgewinde Kegel					
1:16					
Nenn- Ø	Gang pro inch	Kern- loch-Ø zyl. (A) d ₁	Kern- loch-Ø kon. (B) D ₁	ET	BT
				min. mm	max. mm
1/16	- 27	6,15	6,39	9,29	10,7
1/8	- 27	8,40	8,74	9,32	10,8
1/4	- 18	11,10	11,36	13,52	15,6
3/8	- 18	14,30	14,80	13,83	16,0
1/2	- 14	17,90	18,32	18,07	20,8
3/4	- 14	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	31,75	36,3
3	- 8	82,30	83,52	33,74	38,5

Ausführung A
(möglichst vermeiden)

Ausführung B

(Whitworth-) Rohrgewinde (nach DIN-ISO 228-1)				
Nenn- Ø	Gang	Kern- loch- (Bohr-)Ø	Kern-Ø Mutter- gewinde	
inch	pro inch	DIN 336 mm	min. mm	max. 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	14,950	15,395
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

BSW-(Whitworth)- Gewinde BS84				
Nenn- Ø	Gang	Kern- loch- (Bohr-)	Kern-Ø Mutter- gewinde	
inch	pro inch	Ø mm	min. mm	max. mm
W 1/16	60	1,20	1,045	1,230
W 3/32	48	1,80	1,704	1,912
W 1/8	40	2,50	2,362	2,591
W 5/32	32	3,20	2,952	3,214
W 3/16	24	3,60	3,407	3,745
W 7/32	24	4,50	4,201	4,539
W 1/4	20	5,10	4,724	5,156
W 5/16	18	6,50	6,130	6,590
W 3/8	16	7,90	7,492	7,987
W 7/16	14	9,20	8,789	9,330
W 1/2	12	10,50	9,989	10,591
W 9/16	12	12,00	11,577	12,179
W 5/8	11	13,50	12,918	13,558
W 3/4	10	16,25	15,797	16,483
W 7/8	9	19,25	18,611	19,353
W 1	8	22,00	21,334	22,147
W 1 1/8	7	24,50	23,928	24,832
W 1 1/4	7	27,75	27,103	28,007
W 1 3/8	6	30,50	29,504	30,528
W 1 1/2	6	33,50	32,679	33,703
W 1 5/8	5	35,50	34,769	35,963
W 1 3/4	5	39,00	37,944	39,138
W 2	4,5	44,50	43,571	44,877

* M 1,1 bis M 1,4 Kern-Ø Muttergewinde 5H

MJ-Gewinde DIN ISO 5855					
Nenn- Ø	x	Steigung P	Kern- loch- (Bohr-) Ø mm	Kern-Ø Mutter- gewinde 5H*	
				min. mm	max. mm
MJ 3	x	0,50	2,60	2,513	2,653
MJ 4	x	0,70	3,40	3,318	3,498
MJ 5	x	0,80	4,30	4,221	4,421
MJ 6	x	0,50	5,55	5,513	5,625
MJ 6	x	0,75	5,35	5,269	5,419
MJ 6	x	1,00	5,10	5,026	5,216
MJ 8	x	0,50	7,55	7,513	7,625
MJ 8	x	0,75	7,35	7,269	7,419
MJ 8	x	1,00	7,10	7,026	7,216
MJ 8	x	1,25	6,90	6,782	6,994
MJ 10	x	1,00	9,10	9,026	9,216
MJ 10	x	1,25	8,90	8,782	8,994
MJ 10	x	1,50	8,60	8,539	8,775
MJ 12	x	1,75	10,40	10,295	10,560
MJ 16	x	2,00	14,20	14,051	14,351

* MJ 3 x 0,50 bis MJ 5 x 0,80 Kern-Ø Muttergewinde 6H

EG-Gewinde Metr./Metr. Fein (EG M 14 x 1,25) für Gewindedraht- einsätze DIN 8140					
Nenn- Ø	x	Steig- ung P	Kern- loch- (Bohr-) Ø mm	Kern-Ø Mutter- gewinde	
				min. mm	max. mm
EG M 4	0,70		4,20	4,152	4,292
EG M 5	0,80		5,25	5,174	5,334
EG M 6	1,00		6,30	6,217	6,407
EG M 8	1,25		8,40	8,271	8,483
EG M10	1,50		10,50	10,324	10,560
EG M12	1,75		12,50	12,379	12,644
EG M14 x 1,25			14,40	14,271	14,483
EG M16	2,00		16,50	16,433	16,733

UNJC-Gewinde ISO 3161				
Nenn- Ø		Gang	Kern- loch- (Bohr-)	Kern-Ø Mutter- gewinde 3B
		pro inch	Ø mm	min. mm max. mm
Nr. 6	-	32	2,85	2,733 2,939
Nr. 8	-	32	3,55	3,393 3,599
Nr. 10	-	24	4,00	3,795 4,064
Nr. 12	-	24	4,60	4,455 4,704
1/4	-	20	5,30	5,113 5,387
5/16	-	18	6,75	6,563 6,833
3/8	-	16	8,20	7,978 8,255
7/16	-	14	9,60	9,346 9,639
1/2	-	13	11,00	10,798 11,095
9/16	-	12	12,40	12,228 12,482
5/8	-	11	13,80	13,627 13,904

EG UNC (UNC-STI) Gewinde für Gewindedrahteinsätze ASME B18.29.1				
Nenn- Ø	Gang	Kern- loch- (Bohr-)	Kern-Ø Mutter- gewinde	
			min. mm	max. mm
EG Nr. 6	- 32	3,80	3,678	3,879
EG Nr. 8	- 32	4,40	4,338	4,524
EG Nr. 10	- 24	5,20	5,055	5,283
EG Nr. 12	- 24	5,80	5,715	5,944
EG 1/4	- 20	6,70	6,624	6,868
EG 5/16	- 18	8,40	8,242	8,489
EG 3/8	- 16	10,00	9,868	10,127
EG 7/16	- 14	11,60	11,506	11,783
EG 1/2	- 13	13,30	13,122	13,393
EG 9/16	- 12	14,90	14,747	15,032
EG 5/8	- 11	16,50	16,375	16,673

UNJF-Gewinde ISO 3161				
Nenn- Ø	Gang	Kern- loch- (Bohr-)	Kern-Ø Mutter- gewinde 3B	
	pro inch	Ø mm	min. mm	max. mm
Nr. 6	- 40	3,00	2,888	3,053
Nr. 8	- 36	3,60	3,480	3,663
Nr. 10	- 32	4,20	4,054	4,255
Nr. 12	- 28	4,75	4,602	4,816
1/4	- 28	5,60	5,466	5,662
5/16	- 24	7,00	6,906	7,109
3/8	- 24	8,60	8,494	8,679
7/16	- 20	10,00	9,876	10,084
1/2	- 20	11,60	11,463	11,661
9/16	- 18	13,00	12,913	13,122
5/8	- 18	14,60	14,501	14,702

EG UNF (UNF-STI) Gewinde für Gewindedrahteinsätze ASME B18.29.1				
Nenn- Ø	Gang	Kern- loch- (Bohr-) Ø mm	Kern-Ø Mutter- gewinde	
			min. mm	max. mm
EG Nr. 6	- 40	3,70	3,644	3,818
EG Nr. 8	- 36	4,40	4,321	4,498
EG Nr. 10	- 32	5,10	4,999	5,184
EG Nr. 12	- 28	5,70	5,682	5,809
EG 1/4	- 28	6,60	6,546	6,721
EG 5/16	- 24	8,25	8,166	8,352
EG 3/8	- 24	9,80	9,754	9,931
EG 7/16	- 20	11,50	11,389	11,585
EG 1/2	- 20	13,10	12,974	13,172
EG 9/16	- 18	14,70	14,592	14,798
EG 5/8	- 18	16,25	16,180	16,386

A diagram of a rectangular cross-section. It consists of a central green rectangle, a surrounding white border, and an outer hatched border. A vertical dashed line passes through the center of the rectangle.

Sackloch

1. Geradegenuteter Gewindebohrer mit Schälanschnitt



2. Linksgenuteter Gewindebohren



3. Geradegenuteter Gewindebohrer mit langem Anschnitt

1. Rechtsgenuteter Gewindebohrer



2. Geradegenuteter Gewindebohrer mit kurzem Anschnitt



2. Geradegenuteter Gewindebohrer mit kurzem Anschnitt