

GEWINDE-VORBOHRDURCHMESSER

Metrische Gewinde

M Metrische ISO Regelgewinde

DIN 13 Tol. 6H (1-1,6 = 5H nach DIN ISO 965-1)

D1 in mm	P	
	min.	max.
M 1	0,25	0,729
M 1,1	0,25	0,829
M 1,2	0,25	0,929
M 1,4	0,30	1,075
M 1,6	0,35	1,221
M 1,8	0,35	1,421
M 2	0,40	1,567
M 2,2	0,45	1,713
M 2,5	0,45	2,013
M 3	0,50	2,459
M 3,5	0,60	2,850
M 4	0,70	3,242
M 4,5	0,75	3,688
M 5	0,80	4,134
M 6	1,00	4,917
M 7	1,00	5,917
M 8	1,25	6,647
M 9	1,25	7,647
M 10	1,50	8,367
M 11	1,50	9,376
M 12	1,75	10,196
M 14	2,00	11,835
M 16	2,00	13,835
M 18	2,50	15,204
M 20	2,50	17,204
M 22	2,50	19,204
M 24	3,00	20,752
M 27	3,00	23,752
M 30	3,50	26,211
M 33	3,50	29,211
M 36	4,00	31,670
M 39	4,00	34,670
M 42	4,50	37,129
M 45	4,50	40,129
M 48	5,00	42,587
M 52	5,00	46,587
M 56	5,50	50,046
M 60	5,50	54,046
M 64	6,00	57,505
M 68	6,00	61,505

MF Metrische ISO Feingewinde

DIN 13 Tol. 6H (P 0,25 = 5H nach DIN ISO 965-1)

D1 in mm	P	
	min.	max.
M 2	0,25	1,729
M 2,2	0,25	1,929
M 2,5	0,35	2,121
M 3	0,35	2,621
M 3,5	0,35	3,121
M 4	0,50	3,459
M 5	0,50	4,459
M 6	0,50	5,459
M 6	0,75	5,188
M 8	0,75	7,188
M 8	1,00	6,917
M 10	1,00	9,188
M 10	1,25	8,647
M 12	0,75	11,188
M 12	1,00	10,917
M 12	1,25	10,647
M 12	1,50	10,376
M 14	1,00	12,917
M 14	1,25	12,647
M 14	1,50	12,376
M 16	1,00	14,917
M 16	1,50	14,376
M 18	1,00	16,917
M 18	1,50	16,376
M 18	2,00	15,835
M 20	1,00	18,917
M 20	1,50	18,376
M 20	2,00	17,835
M 22	1,00	20,917
M 22	1,50	20,376
M 22	2,00	19,835
M 24	1,00	22,917
M 24	1,50	22,376
M 24	2,00	21,835
M 26	1,00	24,917
M 26	1,50	24,376
M 27	1,00	25,376
M 27	2,00	24,835
M 28	1,50	26,376

MF Metrische ISO Feingewinde

DIN 13 Tol. 6H (P 0,25 = 5H nach DIN ISO 965-1)

D1 in mm	P	
	min.	max.
M 28	2,00	25,835
M 30	1,50	28,376
M 30	2,00	27,835
M 30	3,00	26,752
M 32	1,50	30,376
M 32	2,00	29,835
M 32	3,00	28,752
M 33	1,50	31,376
M 33	2,00	30,835
M 33	3,00	29,752
M 36	1,50	34,376
M 36	2,00	33,835
M 36	3,00	32,752
M 38	1,50	36,376
M 39	2,00	36,835
M 39	3,00	35,752
M 40	1,50	38,376
M 40	2,00	37,835
M 42	1,50	40,376
M 42	2,00	39,835
M 42	3,00	38,752
M 45	1,50	43,376
M 45	2,00	42,835
M 45	3,00	41,752
M 48	1,50	46,376
M 48	2,00	45,835
M 50	1,50	48,376
M 50	2,00	47,835
M 50	3,00	46,752
M 52	1,50	50,376
M 52	2,00	49,835
M 52	3,00	48,752

Amerikanische Unified Gewinde

UNC Grobgewinde

ASME B1.1

D1 in mm	P	
	min.	max.
UNC No1	64	1,582
UNC No2	56	1,694
UNC No3	48	1,941
UNC No4	40	2,156
UNC No5	40	2,487
UNC No6	32	2,642
UNC No8	32	3,302
UNC No10	24	3,683
UNC No12	24	4,343
UNC 1/4"	20	4,978
UNC 5/16"	18	6,401
UNC 3/8"	16	7,988
UNC 7/16"	14	9,144
UNC 1/2"	13	10,592
UNC 9/16"	12	11,989
UNC 5/8"	11	13,586
UNC 3/4"	10	15,207
UNC 7/8"	9	16,977
UNC 1"	8	19,791
UNC 1 1/8"	7	21,971
UNC 1 1/4"	7	27,813
UNC 1 3/8"	6	30,353
UNC 1 1/2"	6	33,528
UNC 1 3/4"	5	38,964
UNC 2"	4	44,679
UNC 2 1/4"	4	51,029
UNC 2 1/2"	4	56,617
UNC 2 3/4"	4	62,967
UNC 3"	4	69,317

UNF Feingewinde

ASME B1.1

D1 in mm	P	
	min.	max.
UNF No0	80	1,181
UNF No1	72	1,473
UNF No2	64	1,755
UNF No3	56	2,024
UNF No4	48	2,271
UNF No5	44	2,550
UNF No6	40	2,819
UNF No8	36	3,404
UNF No10	32	3,962
UNF No12	28	4,496
UNF 1/4"	28	5,359
UNF 5/16"	24	6,782
UNF 3/8"	24	8,382
UNF 7/16"	20	9,728
UNF 1/2"	20	11,328
UNF 9/16"	18	12,751
UNF 5/8"	18	14,351
UNF 3/4"	16	17,223
UNF 7/8"	14	20,269
UNF 1"	12	23,114
UNF 1 1/8"	12	26,289
UNF 1 1/4"	12	29,464
UNF 1 3/8"	12	32,639
UNF 1 1/2"	12	35,814

UN Extrafeingewinde

ASME B1.1

D1 in mm	P	
	min.	max.
UNF No12	32	4,623
UNF 1/4"	32	5,486
UNF 5/16"	32	7,087
UNF 3/8"	32	8,661
UNF 7/16"	28	10,135
UNF 1/2"	28	11,709
UNF 9/16"	24	13,132
UNF 5/8"	24	14,732
UNF 3/4"	24	16,307
UNF 7/8"	20	19,253
UNF 1 1/8"	20	20,853
UNF 1 1/4"	20	22,428
UNF 1 3/8"	20	24,028
UNF 1 1/2"	18	25,451
UNF 1 3/4"	18	27,051
UNF 1 7/8"	18	28,226
UNF 1 5/8"	18	31,801
UNF 1 3/4"	18	33,401
UNF 1 1/2"	18	36,576

Aufnahmegewinde für Gewindeeinsätze

EG M Metrische ISO Regelgewinde

DIN 8140

D1 in mm	P	
	min.	max.
EG M 2	0,40	2,087
EG M 2,5	0,45	2,597
EG M 3	0,50	3,108
EG M 3,5	0,60	3,630
EG M 4	0,70	4,152
EG M 5	0,80	5,174
EG M 6	1,00	6,217
EG M 7	1,00	7,217
EG M 8	1,25	8,217
EG M 9	1,25	9,217
EG M 10	1,50	10,324
EG M 11	1,50	11,324
EG M 12	1,75	12,379
EG M 14	2,00	14,433
EG M 16	2,00	16,433
EG M 18	2,50	18,541
EG M 20	2,50	20,541

EG UNC Whitworth Gewinde

ASME B1.29.1 und BS 3409

D1 in mm	P	
	min.	max.
EG UNC No1	64	1,941
EG UNC No2	56	2,297
EG UNC No3	48	2,631
EG UNC No4	40	2,985
EG UNC No5	40	3,315
EG UNC No6	32	3,678
EG UNC No8	32	4,338
EG UNC No10	24	5,055
EG UNC No12	24	5,715
EG UNC 1/4"	20	6,624
EG UNC 5/16"	18	8,242
EG UNC 3/8"	16	9,868
EG UNC 7/16"	14	11,506
EG UNC 1/2"	13	13,122
EG UNC 9/16"	12	14,747
EG UNC 5/8"	11	16,375
EG UNC 3/4"	10	19,599
EG UNC 7/8"	9	22,835
EG UNC 1"	8	26,088

EG MF Metrische ISO Feingewinde

ASME B1.29.1 und BS 3409

D1 in mm	P	
	min.	max.
EG MF 8	1,00	8,217
EG MF 10	1,00	10,217
EG MF 10	1,25	10,217
EG MF 12	1,00	12,217
EG MF 12	1,25	12,217
EG MF 12	1,50	12,217
EG MF 14	1,25	14,217
EG MF 14	1,50	14,217
EG MF 16	1,50	16,217
EG MF 18	1,50	18,217
EG MF 20	1,50	20,217
EG MF 22	1,50	22,217
EG MF 24	1,50	24,217

Metrische ISO Trapezgewinde

Tr

DIN 103 Tol. 7H

D1 in mm	P	
	min.	max.
Tr 10	2	8,000
Tr 12	3	9,000
Tr 14	3	11,000
Tr 14	4	10,500
Tr 16	4	12,000
Tr 18	4	14,000
Tr 20	4	16,000
Tr 22	5	17,000
Tr 24	5	19,000
Tr 28	5	23,000
Tr 30	6	24,000
Tr 32	6	26,000
Tr 36	6	30,000
Tr 38	7	31,000
Tr 44	7	37,000
Tr 46	8	38,000
Tr 50	8	42,000
Tr 55	9	46,000
Tr 60	9	51,000
Tr 65	10	55,000

Luft- und Raumfahrtgewinde

MJ Regelgewinde

DIN ISO 5855

D1 in mm	P	
	min.	max.
MJ 3	0,50	2,513
MJ 4	0,70	3,318
MJ 5	0,80	4,221
MJ 6	1,00	5,026
MJ 8	1,25	6,782
MJ 10	1,50	8,539
MJ 12	1,75	10,295

UNJC Grobgewinde

ASME B1.15 und ISO 3161

D1 in mm	P	
	min.	max.
UNJC No4	48	2,329
UNJC No6	32	2,732
UNJC No8	32	3,393
UNJC No10	24	3,795
UNJC 1/4"	20	5,113
UNJC 5/16"	18	6,563
UNJC 3/8"	16	7,978
UNJC 1/2"	13	10,796

UNJF Feingewinde

ASME B1.15 und ISO 3161

D1 in mm	P	
	min.	max.
UNJF No4	48	2,329
UNJF No6	40	2,896
UNJF No8	36	3,479
UNJF No10	32	4,053
UNJF 1/4"	28	5,466
UNJF 5/16"	24	6,907
UNJF 3/8"	24	8,494
UNJF 1/2"	20	11,463

Rohrgewinde

G Rohrgewinde

DIN EN ISO 228

D1 in mm	P	
	min.	max.
G 1/8"	28	8,566
G 1/4"	19	11,445
G 3/8"	19	14,950
G 1/2"	14	18,631
G 5/8"	14	20,587
G 3/4"	14	24,117
G 7/8"	14	27,877
G 1"	11	30,291
G 1 1/8"	11	34,939
G 1 1/4"	11	38,952
G 1 1/2"	11	44,845
G 1 3/4"	11	50,788
G 2"	11	56,656
G 2 1/4"	11	62,752
G 2 1/2"	11	72,226
G 2 3/4"	11	78,576
G 3"	11	84,926
G 3 1/2"	11	97,372
G 4"	11	110,712

BSW Whitworth Gewinde

BS 94

D1 in mm	P	
	min.	max.
BSW 1/8"	40	2,360
BSW 3/16"	24	3,406
BSW 1/4"	20	4,724
BSW 5/16"	18	6,121
BSW 3/8"	16	7,493
BSW 7/16"	14	8,791
BSW 1/2"	12	9,987
BSW 5/8"	11	12,918
BSW 3/4"	10	15,831
BSW 7/8"	9	18,613
BSW 1"	8	21,336
BSW 1 1/4"	7	27,102
BSW 1 1/2"	6	32,680
BSW 1 3/4"	5	34,834
BSW 1 7		