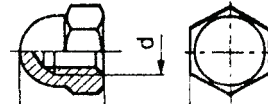


8. Zollmaße – Technische Maße

Umrechnung, Britische Gewinde, Amerikanische Gewinde, Maße für Zolleschrauben und Muttern

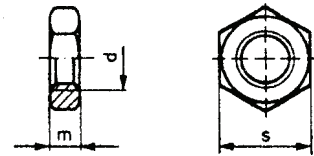
8.4 Technische Maße für Zollteile

Hutmuttern ähnlich DIN 1587/ BSW



d inch	5/32"	3/16"	1/4"	5/16"	1/2"	5/8"	3/4"	7/8"
d mm	3.97	4.75	6.35	7.9	12.7	15.9	19.05	22.2
Gänge/inch	32	24	20	18	12	11	10	9
s	7	8	11	13	22	27	32	36
h	8	10	12	15	25	32	39	42

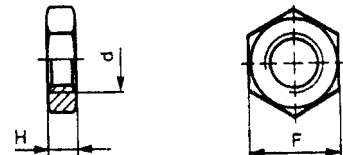
Sechskantmuttern niedrig ähnlich DIN 439/ BSW



d inch	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1.1/8"	1.1/4"	1.1/2"
d mm	7.9	9.5	12.7	15.9	19.05	22.2	25.4	28.6	31.8	38.1
Gänge/inch	18	16	12	11	10	9	8	7	7	6
m	4	5	7	8	9	11	13	14	16	19
s	14	17	22	27	32	36	41	46	50	60

d inch	1/8"	5/32"	3/16"	1/4"	5/16"
d mm	3.18	3.97	4.75	6.35	7.9
Gänge/inch	40	32	24	20	18
m	1.6	2	2.5	3	4
s	5.5	7	9	10	14

niedrige Sechskantmuttern ähnlich DIN 439/ UNC



d inch	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"
d mm	6.35	7.95	9.5	11.1	12.7	15.9	19.05	22.2
Gänge/inch	20	18	16	14	13	11	10	9
H mm	4.0	4.8	5.6	6.4	7.9	9.5	10.7	12.3
F inch	7/16"	1/2"	9/16"	11/16"	3/4"	15/16"	1.1/8"	1.5/16"
F mm	11.1	12.7	14.3	17.45	19.85	23.8	28.6	33.3

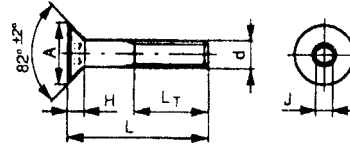
d inch	1"	1.1/8"	1.1/4"	1.3/8"	1.1/2"
d mm	25.4	28.6	31.75	34.93	38.1
Gänge/inch	8	7	7	6	6
H mm	13.9	15.5	18.3	19.8	21.4
F inch	1.1/2"	1.11/16"	1.7/8"	2.1/16"	2.1/4"
F mm	38.1	42.9	47.6	52.4	57.2



8. Zollmaße – Technische Maße

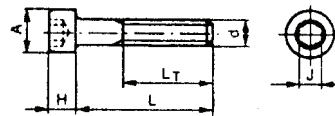
Umrechnung, Britische Gewinde, Amerikanische Gewinde, Maße für Zollschrauben und Muttern

Senkschrauben mit Innensechskant ähnlich DIN 7991/ UNF



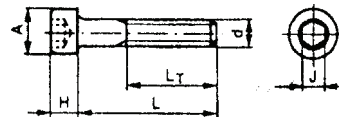
d inch	1/4"	5/16"	3/8"	1/2"	5/8"
d mm	6.35	7.95	9.5	12.7	15.9
Gänge/inch	28	24	24	20	18
L _T min	25	28	32	38	45
H mm	4.1	5.0	5.9	6.4	8.2
A mm	13.4	16.6	19.8	23.8	30.1
J inch	5/32"	3/16"	7/32"	5/16"	3/8"
J mm	3.97	4.76	5.56	7.95	9.5

Zylinderschrauben mit Innensechskant ähnlich DIN 912/ BSW



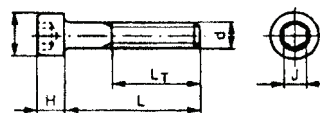
d inch	3/16"	5/16"	1/2"	5/8"
d mm	4.82	7.95	12.7	15.9
Gänge/inch	24	18	12	11
L _T min	22	28	38	45
H mm	4.8	7.9	12.7	15.9
A mm	7.9	11.1	19	22.2
J inch	5/32"	7/32"	7/8"	1/2"
J mm	3.97	5.56	9.5	12.7

Zylinderschrauben mit Innensechskant ähnlich DIN 912/ UNC



d inch	Nr.10	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
d mm	4.82	6.35	7.95	9.5	12.7	15.9	19.05	22.2	25.4
Gänge/inch	24	20	18	16	13	11	10	9	8
L _T min	22	25	28	32	38	45	50	57	63
H mm	4.8	6.4	7.9	9.5	12.7	15.9	19	22.2	25.4
A mm	7.9	9.5	11.1	14.2	19	22.2	25.4	28.5	33.3
J inch	5/32"	3/16"	7/32"	5/16"	3/8"	1/2"	9/16"	9/16"	5/8"
J mm	3.97	4.76	5.56	7.95	9.5	12.7	14.29	14.29	15.9

Zylinderschrauben mit Innensechskant ähnlich DIN 912/ UNF



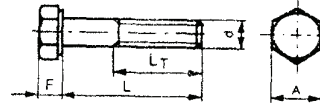
d inch	5/16"	3/8"	1/2"	5/8"
d mm	7.95	9.5	12.7	15.9
Gänge/inch	24	24	20	18
L _T min	28	32	38	45
H mm	7.9	9.5	12.7	15.9
A mm	11.1	14.2	19	22.2
J inch	7/32"	5/16"	3/8"	1/2"
J mm	5.56	7.95	9.5	12.7



8. Zollmaße – Technische Maße

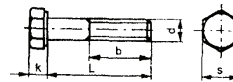
Umrechnung, Britische Gewinde, Amerikanische Gewinde, Maße für Zolsschrauben und Muttern

Sechskantschrauben ähnlich DIN 931/ BSF



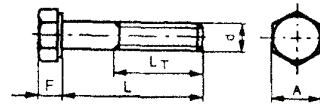
d inch	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"
d mm	6.35	7.9	9.5	11.1	12.7	14.3	15.9	19.05
Gänge/inch	26	22	20	18	16	16	14	12
L _T mm	13	16	19	22	25.5	28.5	32	38
F mm	4.6	5.5	6.6	7.7	8.7	9.5	10.6	12.7
A inch	0.445"	0.525"	0.60"	0.71"	0.82"	0.92"	1.01"	1.20"
A mm	11.3	13.3	15.2	18	20.8	23.4	25.7	30.5

Sechskantschrauben ähnlich DIN 931/ BSW



d inch	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
d mm	6.35	7.9	9.5	11.1	12.7	15.9	19.05	22.2	25.4
Gänge/inch	20	18	16	14	12	11	10	9	8
k	5	6	7	8	9	11	13	16	18
s	11	14	17	19	22	27	32	36	41

Sechskantschrauben ähnlich DIN 931/ UNC



d inch	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"
d mm	6.35	7.95	9.5	11.1	12.7	14.3
Gänge/inch	20	18	16	14	13	12
L _{T1} mm	19	22	25	29	32	35
L _{T2} mm	25	29	32	35	38	41
F mm	4	5.2	6	7.1	7.9	9.1
A inch	7/16"	1/2"	9/16"	5/8"	3/4"	13/16"
A mm	11.1	12.7	14.3	15.9	19.05	20.65

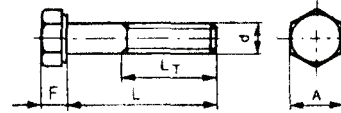
d inch	5/8"	3/4"	7/8"	1"	1.1/8"	1.1/4"	1.1/2"
d mm	15.9	19.05	22.2	25.4	28.6	31.75	38.1
Gänge/inch	11	10	9	8	7	7	6
L _{T1} mm	38	44	51	57	64	70	83
L _{T2} mm	44	51	57	64	70	76	89
F mm	9.9	11.9	13.9	15.5	17.5	19.8	23.8
A inch	15/16"	1.1/8"	15/16"	1.1/2"	1.11/16"	1.7/8"	2.1/4"
A mm	23.8	28.6	33.3	38.1	42.9	47.6	57.2



8. Zollmaße – Technische Maße

Umrechnung, Britische Gewinde, Amerikanische Gewinde, Maße für Zolleschrauben und Muttern

Sechskantschrauben ähnlich DIN 931/ UNF



d inch	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"
d mm	6.35	7.95	9.5	11.1	12.7	14.3
Gänge/inch	28	24	24	20	20	18
L _{T1} mm	19	22	25	29	32	35
L _{T2} mm	25	29	32	35	38	41
F mm	4	5.2	6	7.1	7.9	9.1
A inch	7/16"	1/2"	9/16"	5/8"	3/4"	13/16"
A mm	11.1	12.7	14.3	15.9	19.05	20.65

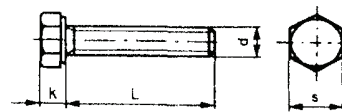
d inch	5/8"	3/4"	7/8"	1"	1"	1.1/4"	1.1/2"
d mm	15.9	19.05	22.2	25.4	25.4	31.7	38.1
Gänge/inch	18	16	14	12	14	12	12
L _{T1} mm	38	44	51	57	57	69	83
L _{T2} mm	44	51	57	64	64	76	89
F mm	9.9	11.9	13.9	15.5	15.5	20	23.8
A inch	15/16"	1.1/8"	1.5/16"	1.1/2"	1.1/2"	1.7/8"	2.1/4"
A mm	23.8	28.6	33.3	38.1	38.1	47.5	57.2

Sechskantschrauben ähnlich DIN 933 /BSF



d inch	1/4"	5/16"	3/8"	1/2"
d mm	6.35	7.9	9.5	12.7
Gänge/inch	26	22	20	18
F mm	4.6	5.5	6.6	7.7
A inch	0.445"	0.525"	0.60"	0.7"
A mm	11.3	13.3	15.2	18

Sechskantschrauben ähnlich DIN 933 /BSW



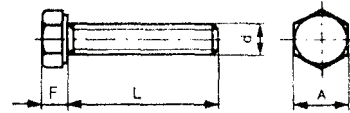
d inch	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
d mm	6.35	7.9	9.5	11.1	12.7	15.9	19.05	22.2	24.4
Gänge/inch	20	18	16	14	12	11	10	9	8
k	5	6	7	8	9	11	13	16	18
s	11	14	17	19	22	27	32	36	41



8. Zollmaße – Technische Maße

Umrechnung, Britische Gewinde, Amerikanische Gewinde, Maße für Zolsschrauben und Muttern

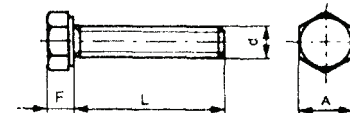
Sechskantschrauben ähnlich DIN 933/ UNC



d inch	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"
d mm	6.35	7.95	9.5	11.1	12.7	14.3	15.9
Gänge/inch	20	18	16	14	13	12	11
F mm	4	5.2	6	7.1	7.9	9.1	9.9
A inch	7/16"	1/2"	9/16"	5/8"	3/4"	13/16"	15/16"
A mm	11.1	12.7	14.3	15.9	19.05	20.65	23.8

d inch	3/4"	7/8"	1"	1.1/8"	1.1/4"	1.1/2"
d mm	19.05	22.2	25.4	28.6	31.75	38.1
Gänge/inch	10	9	8	7	7	6
F mm	11.9	13.9	15.5	17.5	19.8	23.8
A inch	1.1/8"	1.5/16"	1.1/2"	1.11/16"	1.7/8"	2.1/4"
A mm	28.6	33.3	38.1	42.9	47.6	57.2

Sechskantschrauben mit Gewinde bis Kopf ähnlich DIN 933/ UNF



d inch	N 10	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"
d mm	4.85	6.35	7.95	9.5	11.1	12.7	14.3
Gänge/Inch	32	28	24	24	20	20	18
F mm	3	4	5.2	6	7.1	7.9	9.1
A inch	5/16"	7/16"	1/2"	9/16"	5/8"	3/4"	13/16"
A mm	7.95	11.1	12.7	14.3	15.9	19.05	20.65

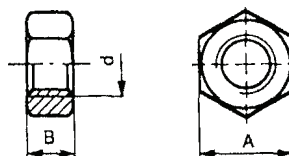
d inch	5/8"	3/4"	7/8"	1"	1"
d mm	15.9	19.05	22.2	25.4	25.4
Gänge/inch	18	16	14	14	12
F mm	9.9	11.9	13.9	15.5	15.5
A inch	15/16"	1.1/8"	1.5/16"	1.1/2"	1.1/2"
A mm	23.8	28.6	33.3	38.1	38.1



8. Zollmaße – Technische Maße

Umrechnung, Britische Gewinde, Amerikanische Gewinde, Maße für Zolleschrauben und Muttern

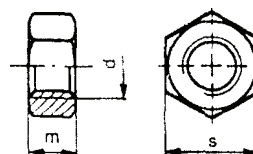
Sechskantmuttern ähnlich DIN 934/ BA



d Nr.	8	7	6	5	4	3	2	1	0
d mm	2.2	2.5	2.8	3.2	3.6	4.1	4.7	5.3	6.0
P mm	0.43	0.48	0.53	0.59	0.66	0.73	0.81	0.9	1.0
B mm	2.1	2.4	2.7	3.0	3.4	3.9	4.2	4.8	5.4
A mm	3.9	4.4	4.9	5.6	6.3	7.2	8.2	9.3	10.5

P... Gewindesteigung

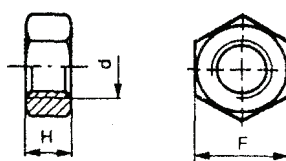
Sechskantmuttern ähnlich DIN 934/BSW



d inch	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"
d mm	3.18	3.97	4.75	6.35	7.9	9.5	11.1	12.7	14.3	15.9
Gänge/inch	40	32	24	20	18	16	14	12	12	11
m (0,8xd)	2.4	4.2	3.6	5.5	6.5	8	9.5	11	13	13
m (1xd)	3.2	4.0	4.8	6.4	7.9	9.5	11.1	12.7	14.3	15.9
s	5.5	7	10	11	14	17	19	22	24	27

d inch	3/4"	7/8"	1"	1.1/8"	1.1/4"	1.3/8"	1.1/2"	1.5/8"	1.3/4"	1.7/8"	2"
d min	19.05	22.2	25.4	28.6	31.8	34.9	38.1	41.3	44.5	47.6	50.8
Gänge/inch	10	9	8	7	7	6	6	5	5	4.5	4.5
m (0,8xd)	16	18	20	22	25	29	30	34	35	38	40
m (1xd)	19.1	22.2	25.4	28.6	31.8	34.9	38.1	41.3	44.5	47.6	50.8
s	32	36	41	46	50	55	60	65	70	75	80

Sechskantmuttern ähnlich DIN 934 /UNC

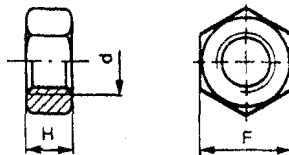


d inch	1/4	5/16"	3/8"	7/16	1/2"	9/16"	5/8"	3/4"	7/8"	1"
d mm	6.35	7.95	9.5	11.1	12.7	14.3	15.9	19.05	22.2	25.4
Gänge/inch	20	18	16	14	13	12	11	10	9	8
H mm	5.6	6.7	8.3	9.5	11.1	12.3	13.9	16.3	19	21.8
F inch	7/16"	1/2"	9/16"	11/16"	3/4"	7/8"	15/16"	1.1/8"	1.5/16"	1.1/2"
F mm	11.1	12.7	14.3	17.45	19.05	22.2	23.8	28.6	33.3	38.1



Zollmaße – Technische Maße

Sechskantmuttern ähnlich DIN 934/UNF

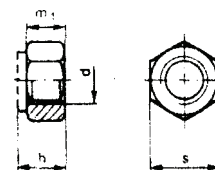


d inch	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"
d mm	6.35	7.95	9.5	11.1	12.7	14.3	15.9	19.05	22.2
Gänge/inch	28	24	24	20	20	18	18	16	14
H mm	5.6	6.7	8.3	9.5	11.1	12.3	13.9	16.3	19
F inch	7/16"	1/2"	9/16"	11/16"	3/4"	7/8"	15/16"	1.1/8"	1.5/6"
F mm	11.1	12.7	14.3	17.45	19.05	22.2	23.8	28.6	33.3

d inch	1"	1"	1.1/8"	1.1/4"	1.3/8"	1.1/2"
d mm	25.4	25.4	28.6	31.75	34.9	38.1
Gänge/inch	14	12**	12	12	12	12
H mm	21.8	21.8	24.6	27	29.8	32.5
F inch	1.1/2"	1.1/2"	1.11/16"	1.7/8"	2.1/16"	2.1/4"
F mm	38.1	38.1	42.9	47.6	52.4	57.2

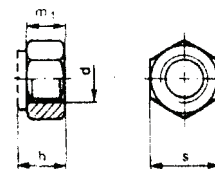
d Nr.	4	5	6	8	10
d mm	2.84	3.18	3.52	4.17	4.83
Gänge/inch	48	44	40	36	32
H mm	2.5	2.9	2.9	3.3	3.3
F inch	1/4"	5/16"	5/16"	11/32"	3/8"
F mm	6.4	7.9	7.9	8.7	9.5

Sechskant-Sicherungsmuttern mit Kunststoff-Ring ähnlich DIN 985 /BSF



d inch	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"
d mm	6.35	7.9	9.5	11.1	12.7	14.3	15.9	19.05	22.2
Gänge/inch	26	22	20	18	16	16	14	12	11
m1	5.7	6.4	8.5	8.2	11.8	11.9	15.1	18.8	20.1
s	11.1	12.7	14.3	17.5	19.1	22.2	23.8	28.6	33.3
h	8.3	9.1	11.9	11.9	15.5	16.7	19.4	22.6	25.3

Sechskant-Sicherungsmuttern mit Kunststoff-Ring ähnlich DIN 985 /BSW

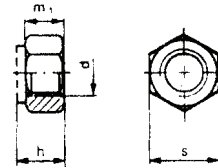


d inch	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
d mm	6.35	7.95	9.5	12.7	15.9	19.05	22.2	25.4
Gänge/inch	20	18	16	12	11	10	9	8
m1	5.7	6.4	8.5	11.8	15.1	18.8	20.1	22.9
s	11.1	12.7	14.3	19.1	23.8	28.6	33.3	38.1
h	8.3	9.1	11.9	15.5	19.4	22.6	25.3	27.6



Zollmaße – Technische Maße

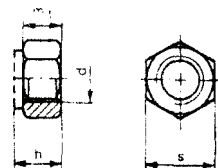
Sechskant-Sicherungsmuttern mit Kunststoff-Ring ähnlich DIN 985 /UNC



d inch	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"
d mm	6.35	7.95	9.5	11.1	12.7	14.3	15.9	19.05	22.2
Gänge/inch	20	18	16	14	13	12	11	10	9
m1	5.7	6.4	8.5	8.2	11.8	11.9	15.1	18.8	20.1
s	11.1	12.7	14.3	17.5	19.1	22.2	23.8	28.6	33.3
h	8.3	9.1	11.9	11.9	15.5	16.7	19.4	22.6	25.3

d inch	1"	1.1/4"	1.1/2"
d mm	25.4	31.75	38.1
Gänge/inch	8	7	6
m1	22.9	29.1	35.3
s	38.1	47.6	57.2
h	27.6	34.2	40.7

Sechskant-Sicherungsmuttern mit Kunststoff-Ring ähnlich DIN 985 / UNF



d inch	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"
d mm	6.35	7.95	9.5	11.1	12.7	14.3	15.9	19.05	22.2
Gänge/inch	28	24	24	20	20	18	18	16	14
m1	5.7	6.4	8.5	8.2	11.8	11.9	15.1	18.8	20.11
s	11.1	12.7	14.3	17.5	19.1	22.2	23.8	28.6	33.3
h	8.3	9.1	11.9	11.9	15.5	16.7	19.4	22.6	25.5

d inch	1"	1.1/4"	1.1/2"
d mm	25.4	31.75	38.1
Gänge/inch	14	12	12
m1	22.9	29.6	35.3
s	38.1	47.6	57.2
h	27.6	34.2	40.7

