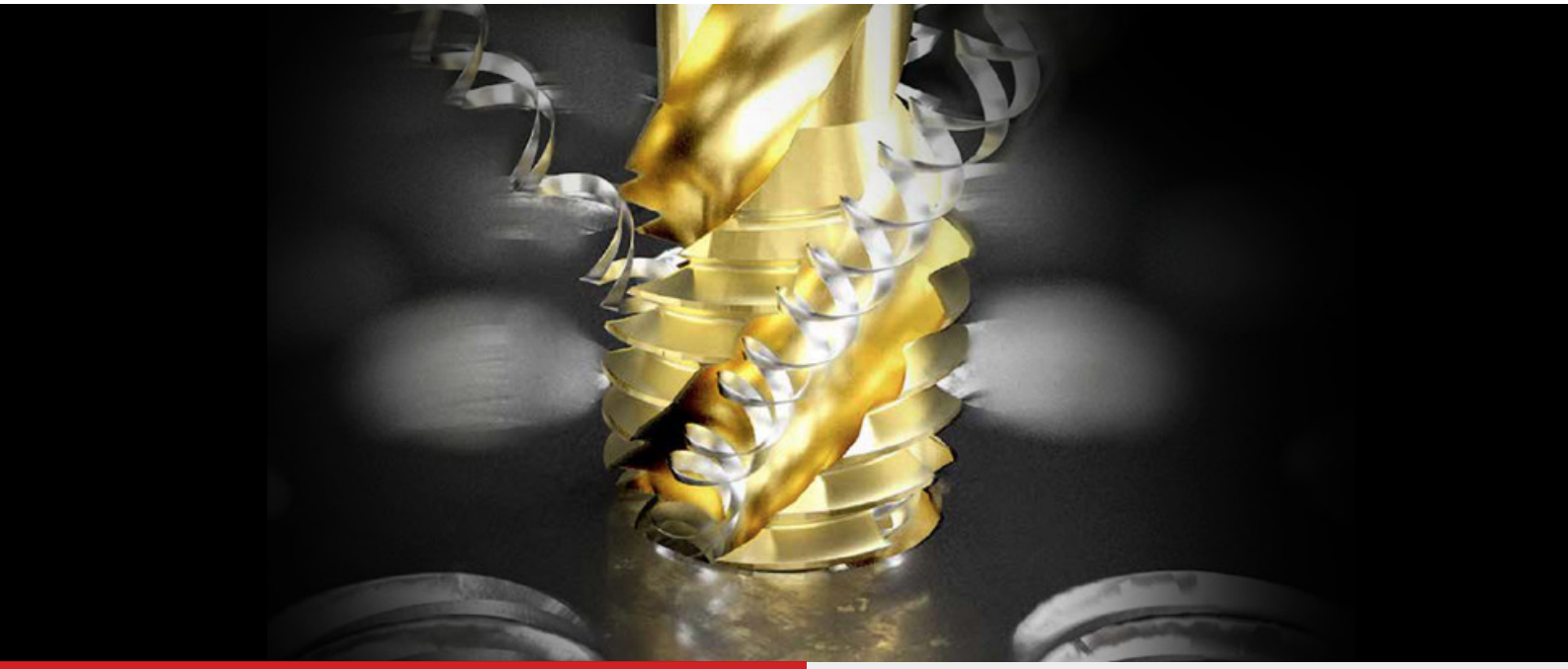
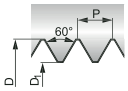
VOORBOREN TAPPEN

HULPTABEL DIAMETERS



- BLINDE GATEN TAPPEN
- DOORLOPENDE GATEN TAPPEN

ISO Metric Threads



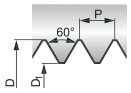
M ISO Metric coarse thread DIN 13

Nom. size		D_1 (6H)		
D mm	P mm	min. mm	max. mm	mm
M 1	0,25	0,729	0,785	0,75
1,1	0,25	0,829	0,885	0,85
1,2	0,25	0,929	0,985	0,95
1,4	0,3	1,075	1,142	1,1
1,6	0,35	1,221	1,321	1,25
1,7	0,35	1,321	1,421	1,35
1,8	0,35	1,421	1,521	1,45
2	0,4	1,567	1,679	1,6
2,2	0,45	1,713	1,838	1,75
2,3	0,4	1,867	1,979	1,9
2,5	0,45	2,013	2,138	2,05
2,6	0,45	2,113	2,238	2,15
3	0,5	2,459	2,599	2,5
3,5	0,6	2,850	3,010	2,9
4	0,7	3,242	3,422	3,3
4,5	0,75	3,688	3,878	3,7
5	0,8	4,134	4,334	4,2
5,5	0,9	4,526	4,750	4,6
6	1	4,917	5,153	5
7	1	5,917	6,153	6
8	1,25	6,647	6,912	6,8
9	1,25	7,647	7,912	7,8
10	1,5	8,376	8,676	8,5
11	1,5	9,376	9,676	9,5
12	1,75	10,106	10,441	10,2
14	2	11,835	12,210	12
16	2	13,835	14,210	14
18	2,5	15,294	15,744	15,5
20	2,5	17,294	17,744	17,5
22	2,5	19,294	19,744	19,5
24	3	20,752	21,252	21
27	3	23,752	24,252	24
30	3,5	26,211	26,771	26,5
33	3,5	29,211	29,771	29,5
36	4	31,670	32,270	32
39	4	34,670	35,270	35
42	4,5	37,129	37,799	37,5
45	4,5	40,129	40,799	40,5
48	5	42,587	43,297	43
52	5	46,587	47,297	47
56	5,5	50,046	50,796	50,5
60	5,5	54,046	54,796	54,5
64	6	57,505	58,305	58
68	6	61,505	62,305	62

MF ISO Metric fine thread DIN 13

Nom. size	D_1 (6H)		
D x P mm	min. mm	max. mm	mm
M 2,5 x 0,35	2,121	2,221	2,15
2,6 x 0,35	2,221	2,321	2,25
3 x 0,35	2,621	2,721	2,65
3,5 x 0,35	3,121	3,221	3,15
4 x 0,35	3,621	3,721	3,65
4 x 0,5	3,459	3,599	3,5
5 x 0,5	4,459	4,599	4,5
6 x 0,5	5,459	5,599	5,5
6 x 0,75	5,188	5,378	5,2
7 x 0,75	6,188	6,378	6,2
8 x 0,75	7,188	7,378	7,2
8 x 1	6,917	7,153	7
9 x 0,75	8,188	8,378	8,2
9 x 1	7,917	8,153	8
10 x 0,75	9,188	9,378	9,2
10 x 1	8,917	9,153	9
10 x 1,25	8,647	8,912	8,8
11 x 1	9,917	10,153	10
12 x 1	10,917	11,153	11
12 x 1,25	10,647	10,912	10,8
12 x 1,5	10,376	10,676	10,5
14 x 1	12,917	13,153	13
14 x 1,25	12,647	12,912	12,8
14 x 1,5	12,376	12,676	12,5
15 x 1	13,917	14,153	14
16 x 1	14,917	15,153	15
16 x 1,5	14,376	14,676	14,5
18 x 1	16,917	17,153	17
18 x 1,5	16,376	16,676	16,5
18 x 2	15,835	16,210	16
20 x 1	18,917	19,153	19
20 x 1,5	18,376	18,676	18,5
20 x 2	17,835	18,210	18
22 x 1	20,917	21,153	21
22 x 1,5	20,376	20,676	20,5
22 x 2	19,835	20,210	20
24 x 1	22,917	23,153	23
24 x 1,5	22,376	22,676	22,5
24 x 2	21,835	22,210	22
25 x 1,5	23,376	23,676	23,5
26 x 1,5	24,376	24,676	24,5
27 x 1,5	25,376	25,676	25,5
27 x 2	24,835	25,210	25
28 x 1,5	26,376	26,676	26,5
28 x 2	25,835	26,210	26
30 x 1,5	28,376	28,676	28,5
30 x 2	27,835	28,210	28
32 x 1,5	30,376	30,676	30,5
32 x 2	29,835	30,210	30
33 x 1,5	31,376	31,676	31,5
33 x 2	30,835	31,210	31
34 x 1,5	32,376	32,676	32,5

Nom. size	D_1 (6H)		
D x P mm	min. mm	max. mm	mm
M 35 x 1,5	33,376	33,676	33,5
36 x 1,5	34,376	34,676	34,5
36 x 2	33,835	34,210	34
36 x 3	32,752	33,252	33
38 x 1,5	36,376	36,676	36,5
39 x 1,5	37,376	37,676	37,5
39 x 2	36,835	37,210	37
39 x 3	35,752	36,252	36
40 x 1,5	38,376	38,676	38,5
40 x 2	37,835	38,210	38
42 x 1,5	40,376	40,676	40,5
42 x 2	39,835	40,210	40
42 x 3	38,752	39,252	39
45 x 1,5	43,376	43,676	43,5
45 x 2	42,835	43,210	43
45 x 3	41,752	42,252	42
48 x 1,5	46,376	46,676	46,5
48 x 2	45,835	46,210	46
48 x 3	44,752	45,252	45
50 x 1,5	48,376	48,676	48,5
50 x 2	47,835	48,210	48
52 x 1,5	50,376	50,676	50,5
52 x 2	49,835	50,210	50
52 x 3	48,752	49,252	49
56 x 3	52,752	53,252	53
56 x 4	51,670	52,270	52
60 x 4	55,670	56,270	56
64 x 3	60,752	61,252	61
64 x 4	59,670	60,270	60
68 x 4	63,670	64,270	64
70 x 3	66,752	67,252	67
70 x 4	65,670	66,270	66
72 x 3	68,752	69,252	69
72 x 4	67,670	68,270	68
72 x 6	65,505	66,305	66
76 x 3	72,752	73,252	73
76 x 4	71,670	72,270	72
76 x 6	69,505	70,305	70
80 x 4	75,670	76,270	76
80 x 6	73,505	74,305	74
85 x 3	81,752	82,252	82
85 x 4	80,670	81,270	81
90 x 3	86,752	87,252	87
90 x 4	85,670	86,270	86
90 x 6	83,505	84,305	84
95 x 6	88,505	89,305	89
100 x 4	95,670	96,270	96
100 x 6	93,505	94,305	94
110 x 6	103,505	104,305	104
115 x 3	111,752	112,252	112
120 x 4	115,670	116,270	116
120 x 6	113,505	114,305	114



UNC Unified coarse thread ANSI/ASME B1.1

Nom. size			D_1 (2B)		
D inch	-	Gg/1" (tpi)	min. mm	max. mm	mm
Nr. 1	-	64	1,425	1,582	1,55
Nr. 2	-	56	1,694	1,872	1,85
Nr. 3	-	48	1,941	2,146	2,1
Nr. 4	-	40	2,156	2,385	2,35
Nr. 5	-	40	2,487	2,697	2,65
Nr. 6	-	32	2,647	2,896	2,85
Nr. 8	-	32	3,307	3,528	3,5
Nr. 10	-	24	3,680	3,949	3,9
Nr. 12	-	24	4,341	4,590	4,5
1/4	-	20	4,976	5,268	5,1
5/16	-	18	6,411	6,734	6,6
3/8	-	16	7,805	8,164	8
7/16	-	14	9,149	9,550	9,4
1/2	-	13	10,584	11,016	10,8
9/16	-	12	11,996	12,456	12,2
5/8	-	11	13,376	13,868	13,5
3/4	-	10	16,299	16,833	16,5
7/8	-	9	19,169	19,748	19,5
1"	-	8	21,963	22,598	22,25
1 1/8	-	7	24,648	25,349	25
1 1/4	-	7	27,823	28,524	28
1 3/8	-	6	30,343	31,120	30,75
1 1/2	-	6	33,518	34,295	34
1 3/4	-	5	38,951	39,814	39,5
2"	-	4 1/2	44,689	45,598	45

UNF Unified coarse thread ANSI/ASME B1.1

Nom. size			D_1 (2B)		
D inch	-	Gg/1" (tpi)	min. mm	max. mm	mm
Nr. 2	-	64	1,755	1,913	1,85
Nr. 3	-	56	2,024	2,197	2,15
Nr. 4	-	48	2,271	2,459	2,4
Nr. 5	-	44	2,550	2,741	2,7
Nr. 6	-	40	2,817	3,012	2,95
Nr. 8	-	36	3,401	3,597	3,5
Nr. 10	-	32	3,967	4,168	4,1
Nr. 12	-	28	4,503	4,716	4,6
1/4	-	28	5,367	5,580	5,5
5/16	-	24	6,792	7,038	6,9
3/8	-	24	8,379	8,626	8,5
7/16	-	20	9,738	10,030	9,9
1/2	-	20	11,326	11,618	11,5
9/16	-	18	12,761	13,084	12,9
5/8	-	18	14,348	14,671	14,5
3/4	-	16	17,330	17,689	17,5
7/8	-	14	20,262	20,663	20,4
1"	-	12	23,109	23,569	23,25
1 1/8	-	12	26,284	26,744	26,5
1 1/4	-	12	29,459	29,919	29,5
1 3/8	-	12	32,634	33,094	32,75
1 1/2	-	12	35,809	36,269	36

UN-8

Nom. size			D_1 (2B)		
D inch	-	Gg/1" (tpi)	min. mm	max. mm	mm
1 1/8	-	8	25,138	25,773	25,4
1 1/4	-	8	28,313	28,948	28,6
1 1/2	-	8	34,663	35,298	35
1 3/4	-	8	41,013	41,648	41,3
2"	-	8	47,363	47,998	47,7

UNEF

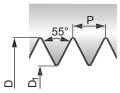
Nom. size			D_1 (2B)		
D inch	-	Gg/1" (tpi)	min. mm	max. mm	mm
1/4	-	32	5,491	5,679	5,55
5/16	-	32	7,079	7,267	7,15
3/8	-	32	8,666	8,854	8,7
7/16	-	28	10,130	10,343	10,2
1/2	-	28	11,717	11,930	11,8
9/16	-	24	13,142	13,388	13,2
5/8	-	24	14,729	14,975	14,8
3/4	-	20	17,676	17,968	17,8
7/8	-	20	20,851	21,143	20,95
1"	-	20	24,026	24,318	24,15

VAMATEC

Cylindrical PipeThreads

G

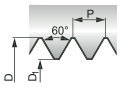
Whitworth pipe thread DIN EN ISO 228



Nom. size D - P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
G 1/16 - 28	6,561	6,843	6,8
1/8 - 28	8,566	8,848	8,8
1/4 - 19	11,445	11,890	11,8
3/8 - 19	14,950	15,395	15,25
1/2 - 14	18,631	19,172	19
5/8 - 14	20,587	21,128	21
3/4 - 14	24,117	24,658	24,5
7/8 - 14	27,877	28,418	28,25
1" - 11	30,291	30,931	30,75
1 1/8 - 11	34,939	35,579	35,5
1 1/4 - 11	38,952	39,592	39,5
1 3/8 - 11	41,365	42,005	41,75
1 1/2 - 11	44,845	45,485	45,25
1 5/8 - 11	49,030	49,670	49,5
1 3/4 - 11	50,788	51,428	51
2" - 11	56,656	57,296	57
2 1/4 - 11	62,752	63,392	63,3
2 1/2 - 11	72,226	72,866	72,8
2 3/4 - 11	78,576	79,216	79,1
3" - 11	84,926	85,566	85,5

NPSM

American Standard straight pipe thread
ANSI/ASME B1.20.1
for mechanical joints (previously NPS)



Nom. size D inch - P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
1/8 - 27	9,093	9,246	9,1
1/4 - 18	11,887	12,217	12
3/8 - 18	15,316	15,545	15,5
1/2 - 14	18,974	19,279	19
3/4 - 14	24,333	24,638	24,5
1" - 11 1/2	30,505	30,759	30,5

NPSF

American Standard straight pipe thread
ANSI B1.20.3
dryseal internal straight pipe thread for fuel, combined with external tapered pipe thread NPTF or PTF-SAE-SHORT; Gauge with tapered gauges

Nom. size D inch - P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
1/16 - 27	6,304	6,393	6,35
1/8 - 27	8,651	8,740	8,7
1/4 - 18	11,232	11,364	11,3
3/8 - 18	14,671	14,803	14,75
1/2 - 14	18,118	18,288	18,2
3/4 - 14	23,465	23,635	23,5
1" - 11 1/2	29,464	29,670	29,5

Rp (BSPP)

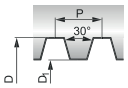
Cylindrical Whitworth pipe thread DIN EN 10226-1 and ISO 7-1
where pressure-tight joints are made on the threads

Nom. size D - P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
Rp 1/16 - 28	6,490	6,632	6,55
1/8 - 28	8,495	8,637	8,6
1/4 - 19	11,341	11,549	11,5
3/8 - 19	14,846	15,054	15
1/2 - 14	18,489	18,773	18,5
3/4 - 14	23,975	24,259	24
1" - 11	30,111	30,471	30,25

VAMATEC

Trapezoidal and Round Threads

Tr ISO Metric trapezoidal coarse thread DIN 103

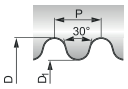


Nom. size D mm x P mm	D_1 (7H) min. mm	D_1 (7H) max. mm	mm
Tr 8 x 1,5	6,5	6,69	6,6
9 x 2	7	7,236	7,2
10 x 2	8	8,236	8,2
10 x 3	7	7,315	7,25
11 x 3	8	8,315	8,25
12 x 3	9	9,315	9,25
14 x 3	11	11,315	11,25
14 x 4	10	10,375	10,25
16 x 4	12	12,375	12,25
18 x 4	14	14,375	14,25
20 x 4	16	16,375	16,25
22 x 5	17	17,45	17,25
24 x 5	19	19,45	19,25
26 x 5	21	21,45	21,25
28 x 5	23	23,45	23,25
30 x 6	24	24,5	24,25
32 x 6	26	26,5	26,25
34 x 6	28	28,5	28,25
36 x 6	30	30,5	30,25
38 x 7	31	31,56	31,5
40 x 7	33	33,56	33,5
42 x 7	35	35,56	35,5
44 x 7	37	37,56	37,5
46 x 8	38	38,63	38,5
48 x 8	40	40,63	40,5
50 x 8	42	42,63	42,5
52 x 8	44	44,63	44,5

BSF

Nom. size D - P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
BSF 3/16 - 32	3,747	4,006	4
1/4 - 26	5,100	5,398	5,3
5/16 - 22	6,459	6,817	6,8
3/8 - 20	7,899	8,331	8,3
7/16 - 18	9,304	9,764	9,7
1/2 - 16	10,668	11,163	11,1
5/8 - 14	13,553	14,094	14
3/4 - 12	16,337	16,939	16,75
7/8 - 11	19,268	19,909	19,75
1" - 10	22,149	22,835	22,75

Rd Round thread DIN 405



Nom. size D mm x P/1" (tpi)	D_1 (7H) min. mm	D_1 (7H) max. mm	mm
Rd 8 x 10	5,714	6,164	6
9 x 10	6,714	7,164	7
10 x 10	7,714	8,164	8
11 x 10	8,714	9,164	9
12 x 10	9,714	10,164	10
14 x 8	11,142	11,672	11,5
16 x 8	13,142	13,672	13,5
18 x 8	15,142	15,672	15,5
20 x 8	17,142	17,672	17,5
22 x 8	19,142	19,672	19,5
24 x 8	21,142	21,672	21,5
26 x 8	23,142	23,672	23,5
28 x 8	25,142	25,672	25,5
30 x 8	27,142	27,672	27,5

BSW

Nom. size D - P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
BSW 1/16 - 60	1,045	1,230	1,15
3/32 - 48	1,704	1,912	1,85
1/8 - 40	2,362	2,591	2,55
5/32 - 32	2,952	3,214	3,2
3/16 - 24	3,406	3,744	3,7
7/32 - 24	4,201	4,539	4,5
1/4 - 20	4,724	5,156	5,1
5/16 - 18	6,129	6,589	6,5
3/8 - 16	7,493	7,988	7,9
7/16 - 14	8,791	9,332	9,25
1/2 - 12	9,987	10,589	10,5
9/16 - 12	11,575	12,177	12
5/8 - 11	12,918	13,559	13,5
3/4 - 10	15,799	16,485	16,4
7/8 - 9	18,613	19,355	19,25
1" - 8	21,336	22,149	22
1 1/8 - 7	23,927	24,831	24,75
1 1/4 - 7	27,102	28,006	27,75
1 3/8 - 6	29,504	30,528	30,5
1 1/2 - 6	32,680	33,703	33,5
1 5/8 - 5	34,769	35,963	35,5
1 3/4 - 5	37,943	39,136	39
1 7/8 - 4 1/	40,396	41,702	41,5
2" - 4 1/	43,571	44,877	44,5

VAMATEC

Tapered Pipe Threads

Rc (BSPT)

Tapered Whitworth pipe thread DIN EN 10226-2 and ISO 7-1 where pressure-tight joints are made on the threads, taper 1:16

Nom. size D inch - P/1" (tpi)	D_1 mm	t_1 mm	t_4 mm
Rc 1/16 - 28	6,15	11,1	9,5
1/8 - 28	8,15	11,1	9,5
1/4 - 19	10,85	16,3	14
3/8 - 19	14,3	16,7	14,4
1/2 - 14	17,8	22,3	19,1
3/4 - 14	23,2	23,6	20,4
1" - 11	29,2	28,3	24,3

Nom. size D inch - P/1" (tpi)	D_2 mm	D_3 (JS11) mm	t_1 mm	t_4 mm
Rc 1/16 - 28	6,1	6,56	11,1	9,5
1/8 - 28	8,1	8,57	11,1	9,5
1/4 - 19	10,75	11,45	16,3	14
3/8 - 19	14,25	14,95	16,7	14,4
1/2 - 14	17,7	18,63	22,3	19,1
3/4 - 14	23,1	24,12	23,6	20,4
1" - 11	29,1	30,29	28,3	24,3

Nom. size D inch - P/1" (tpi)	D_3 (JS11) mm	b	t min. mm	D_4 min. mm
Rc 1/16 - 28	6,56	5,6	9,9	$7,6^{+0,3}$
1/8 - 28	8,57	5,6	9,9	$9,6^{+0,3}$
1/4 - 19	11,45	8,4	14,6	$13^{+0,5}$
3/8 - 19	14,95	8,8	15	$16,5^{+0,5}$
1/2 - 14	18,63	11,4	20	$20,6^{+0,5}$
3/4 - 14	24,12	12,7	21,3	$26^{+0,5}$
1" - 11	30,29	14,5	25,4	$32,8^{+0,5}$

NPT

American tapered pipe thread ANSI/ASME B1.20.1 for threads with dryseal material taper 1:16

Nom. size D inch - P/1" (tpi)	D_1 mm	t_1 mm	t_4 mm
1/16 - 27	6,15	11,8	9,7
1/8 - 27	8,5	11,9	9,75
1/4 - 18	11	17,4	14,25
3/8 - 18	14,4	17,7	14,55
1/2 - 14	17,8	23,1	19
3/4 - 14	23,15	23,6	19,5
1" - 11 1/2	29,05	28,4	23,4
1 1/4 - 11 1/2	37,8	28,9	23,9
1 1/2 - 11 1/2	43,85	28,9	23,9
2" - 11 1/2	55,85	29,3	24,35

Nom. size D inch - P/1" (tpi)	D_2 mm	D_3 +0,05 mm	t_1 mm	t_4 mm
1/16 - 27	5,95	6,39	11,8	9,7
1/8 - 27	8,3	8,74	11,9	9,75
1/4 - 18	10,75	11,36	17,4	14,25
3/8 - 18	14,15	14,8	17,7	14,55
1/2 - 14	17,45	18,32	23,1	19
3/4 - 14	22,8	23,67	23,6	19,5
1" - 11 1/2	28,65	29,69	28,4	23,4
1 1/4 - 11 1/2	37,35	38,45	28,9	23,9
1 1/2 - 11 1/2	43,45	44,52	28,9	23,9
2" - 11 1/2	55,45	56,56	29,3	24,35

Nom. size D inch - P/1" (tpi)	D_3 +0,05 mm	b	t min. mm	D_4 min. mm
1/16 - 27	6,39	7	10	7,6
1/8 - 27	8,74	7	10	10
1/4 - 18	11,36	10,2	14,5	13,1
3/8 - 18	14,8	10,6	15	16,5
1/2 - 14	18,32	13,8	19	20,5
3/4 - 14	23,67	14,2	20	25,8
1" - 11 1/2	29,69	17	24	32,2
1 1/4 - 11 1/2	38,45	17,5	24,5	41
1 1/2 - 11 1/2	44,52	17,5	24,5	47,2
2" - 11 1/2	56,56	18	25	59,2

NPTF

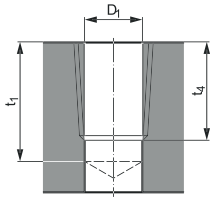
American tapered pipe thread ANSI B1.20.3 for threads without dryseal material taper 1:16

Nom. size D inch - P/1" (tpi)	D_1 mm	t_1 mm	t_4 mm
1/16 - 27	6,1	13	10,65
1/8 - 27	8,45	13	10,7
1/4 - 18	10,9	19,2	15,65
3/8 - 18	14,3	19,5	16
1/2 - 14	17,6	25,4	20,85
3/4 - 14	23	25,9	21,3
1" - 11 1/2	28,75	31,1	25,6
1 1/4 - 11 1/2	37,5	31,7	26,15
1 1/2 - 11 1/2	43,75	31,7	26,15
2" - 11 1/2	55,75	32,1	26,55

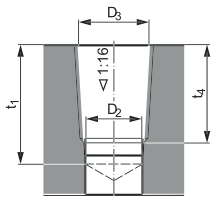
Nom. size D inch - P/1" (tpi)	D_2 mm	D_3 +0,05 mm	t_1 mm	t_4 mm
1/16 - 27	5,95	6,41	13	10,65
1/8 - 27	8,3	8,76	13	10,7
1/4 - 18	10,75	11,4	19,2	15,65
3/8 - 18	14,15	14,84	19,5	16
1/2 - 14	17,45	18,33	25,4	20,85
3/4 - 14	22,8	23,68	25,9	21,3
1" - 11 1/2	28,65	29,72	31,1	25,6
1 1/4 - 11 1/2	37,35	38,48	31,7	26,15
1 1/2 - 11 1/2	43,45	44,55	31,7	26,15
2" - 11 1/2	55,45	56,59	32,1	26,55

Nom. size D inch - P/1" (tpi)	D_3 +0,05 mm	b	t min. mm	D_4 min. mm
1/16 - 27	6,41	8	11	7,4
1/8 - 27	8,76	8	11	9,8
1/4 - 18	11,4	11,6	15,5	12,9
3/8 - 18	14,84	12	16	16,3
1/2 - 14	18,33	15,6	20,5	20,3
3/4 - 14	23,68	16	21,5	25,6
1" - 11 1/2	29,72	19,2	26	32
1 1/4 - 11 1/2	38,48	19,7	26,5	40,8
1 1/2 - 11 1/2	44,55	19,7	26,5	47
2" - 11 1/2	56,59	20,2	27	59

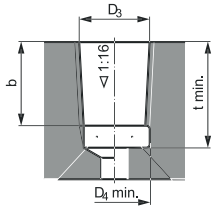
Drill cylindrically without using a reamer



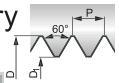
Drill cylindrically and prepare tapered hole with reamer



Recommended preparation of blind holes (minimum length)



Threads for the Aerospace Industry



MJ MJ thread DIN ISO 5855

Nom. size D x P mm	D_1 min. mm	D_1 max. mm	mm
MJ 3 x 0,5	2,513	2,653	2,6
4 x 0,7	3,318	3,498	3,4
5 x 0,8	4,221	4,421	4,3
6 x 1	5,026	5,216	5,1
8 x 1	7,026	7,216	7,1
8 x 1,25	6,782	6,994	6,9
10 x 1,25	8,782	8,994	8,9
10 x 1,5	8,539	8,775	8,6

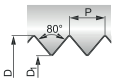
UNJF Unified fine thread ASME B1.15

Nom. size D inch - P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
Nr. 4 - 48	2,329	2,466	2,4
Nr. 6 - 40	2,888	3,053	3
Nr. 8 - 36	3,480	3,663	3,55
Nr. 10 - 32	4,054	4,255	4,15
1/4 - 28	5,466	5,662	5,55
5/16 - 24	6,906	7,109	7
3/8 - 24	8,494	8,679	8,6

UNJC Unified coarse thread ASME B1.15

Nom. size D inch - P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
Nr. 4 - 40	2,228	2,393	2,3
Nr. 6 - 32	2,733	2,939	2,85
Nr. 8 - 32	3,393	3,599	3,5
Nr. 10 - 24	3,795	4,064	3,9
1/4 - 20	5,113	5,387	5,25
5/16 - 18	6,563	6,833	6,7
3/8 - 16	7,978	8,255	8,1

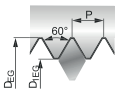
Steel Conduit Threads



Pg Steel conduit thread DIN 40430

Nom. size D mm	P/1" (tpi)	D_1 min. mm	D_1 max. mm	mm
Pg 7	20	11,28	11,43	11,35
9	18	13,86	14,01	13,95
11	18	17,26	17,41	17,35
13,5	18	19,06	19,21	19,15
16	18	21,16	21,31	21,25
21	16	26,78	27,03	26,95
29	16	35,48	35,73	35,6
36	16	45,48	45,73	45,6
42	16	52,48	52,73	52,6
48	16	57,78	58,03	57,9

Helical Coil Threads for Wire Thread Inserts



EG M (STI) ISO Metric coarse thread DIN 8140-2

Nom. size D mm	P mm	D_{EG} min. mm	D_{1EG} min. mm	D_{1EG} max. mm	mm
EG M2,5	0,45	3,084	2,597	2,697	2,65
3	0,5	3,650	3,108	3,220	3,15
4	0,7	4,910	4,152	4,292	4,2
5	0,8	6,040	5,174	5,334	5,25
6	1	7,300	6,217	6,407	6,3
8	1,25	9,624	8,271	8,483	8,4
10	1,5	11,948	10,324	10,560	10,5
12	1,75	14,274	12,379	12,644	12,5
14	2	16,598	14,433	14,733	14,5
16	2	18,598	16,433	16,733	16,5
18	2,5	21,248	18,541	18,896	18,75
20	2,5	23,248	20,541	20,896	20,75

EG UNC (STI) Unified coarse thread ASME B18.29.1

Nom. size D mm	P/1" (tpi)	D_{EG} min. mm	D_{1EG} min. mm	D_{1EG} max. mm	mm
EG Nr. 4 - 40		3,671	2,982	3,178	3,1
Nr. 6 - 32		4,536	3,678	3,879	3,8
Nr. 8 - 32		5,197	4,338	4,523	4,4
Nr. 10 - 24		6,200	5,054	5,283	5,2
1/4 - 20		8,002	6,628	6,872	6,7
5/16 - 18		9,771	8,244	8,490	8,4
3/8 - 16		11,587	9,867	10,126	10
7/16 - 14		13,469	11,506	11,783	11,6
1/2 - 13		15,237	13,121	13,393	13,3
9/16 - 12		17,039	14,747	15,031	14,9
5/8 - 11		18,875	16,376	16,673	16,5
3/4 - 10		22,349	19,598	19,908	19,75

EG UNF (STI) Unified coarse thread ASME B18.29.1

Nom. size D mm	P/1" (tpi)	D_{EG} min. mm	D_{1EG} min. mm	D_{1EG} max. mm	mm
EG Nr. 4 - 48		3,533	2,959	3,119	3
Nr. 6 - 40		4,330	3,642	3,815	3,7
Nr. 8 - 36		5,083	4,318	4,496	4,4
Nr. 10 - 32		5,858	4,999	5,184	5,1
1/4 - 28		7,528	6,545	6,720	6,6
5/16 - 24		9,312	8,166	8,351	8,25
3/8 - 24		10,899	9,753	9,931	9,8
7/16 - 20		12,763	11,389	11,587	11,5
1/2 - 20		14,352	12,978	13,176	13,1
9/16 - 18		16,121	14,594	14,800	14,7
5/8 - 18		17,709	16,182	16,388	16,25
3/4 - 16		21,112	19,392	19,608	19,5