







M			
ø	P [mm]	ø [mm]	ø [mm]
1.0	0.25	0.75	0.90
1.6	0.35	1.25	1.40
1.8	0.35	1.45	1.65
2.0	0.40	1.60	1.80
2.2	0.45	1.75	2.00
2.5	0.45	2.05	2.30
3.0	0.50	2.50	2.80
3.5	0.60	2.90	3.20
4.0	0.70	3.30	3.70
4.5	0.75	3.80	4.15
5.0	0.80	4.20	4.60
6.0	1.00	5.00	5.50
7.0	1.00	6.00	6.50
8.0	1.25	6.80	7.40
9.0	1.25	7.80	8.40
10.0	1.50	8.50	9.30
11.0	1.50	9.50	10.30
12.0	1.75	10.30	11.20
14.0	2.00	12.00	13.00
16.0	2.00	14.00	15.00
18.0	2.50	15.50	16.80
20.0	2.50	17.50	18.90
22.0	2.50	19.50	20.80
24.0	3.00	21.00	22.70
27.0	3.00	24.00	
30.0	3.50	26.50	
33.0	3.50	29.50	
36.0	4.00	32.00	
39.0	4.00	35.00	
42.0	4.50	37.50	
45.0	4.50	40.50	
48.0	5.00	43.00	
52.0	5.00	47.00	
56.0	5.50	50.50	
64.0	6.00	58.00	


MF			
ø	P [mm]	ø [mm]	ø [mm]
3.0	0.35	2.65	2.85
3.5	0.35	3.20	3.35
4.0	0.50	3.50	3.80
5.0	0.50	4.50	4.80
5.5	0.50	5.00	5.25
6.0	0.75	5.30	5.70
7.0	0.75	6.30	6.65
8.0	0.75	7.30	7.70
8.0	1.00	7.00	7.50
9.0	1.00	8.00	8.50
10.0	0.75	9.30	9.65
10.0	1.00	9.00	9.50
10.0	1.25	8.80	9.40
11.0	1.00	10.00	10.50
12.0	1.00	11.00	11.50
12.0	1.25	10.80	11.40
12.0	1.50	10.50	11.30
14.0	1.00	13.00	13.50
14.0	1.25	12.80	13.40
14.0	1.50	12.50	13.30
15.0	1.00	14.00	14.50
15.0	1.50	13.50	14.30
16.0	1.00	15.00	15.50
16.0	1.50	14.50	15.30
18.0	1.00	17.00	17.50
18.0	1.50	16.50	17.30
18.0	2.00	16.00	17.00
20.0	1.00	19.00	19.50
20.0	1.50	18.50	19.30
20.0	2.00	18.00	19.00
22.0	1.00	21.00	21.50
22.0	1.50	20.50	21.30
22.0	2.00	20.00	21.00
24.0	1.00	23.00	23.50
24.0	1.50	22.50	23.30
24.0	2.00	22.00	23.00
25.0	1.00	24.00	
25.0	1.50	23.50	
25.0	2.00	23.00	
26.0	1.50	24.50	
27.0	1.50	25.50	
27.0	2.00	25.00	
28.0	1.50	26.50	


MF			
ø	P [mm]	ø [mm]	ø [mm]
28.0	2.00	26.00	
30.0	1.50	28.50	
30.0	2.00	28.00	
32.0	1.50	30.50	
32.0	2.00	30.00	
33.0	2.00	31.00	
35.0	1.50	33.50	
36.0	1.50	34.50	
36.0	2.00	34.00	
36.0	3.00	33.00	
38.0	1.50	36.50	
39.0	3.00	36.00	
40.0	1.50	38.50	
40.0	2.00	38.00	
40.0	3.00	37.00	
42.0	1.50	40.50	
42.0	2.00	40.00	
42.0	3.00	39.00	
45.0	1.50	43.50	
45.0	2.00	43.00	
45.0	3.00	42.00	
48.0	1.50	46.50	
48.0	2.00	46.00	
48.0	3.00	45.00	
50.0	1.50	48.50	
50.0	2.00	48.00	
50.0	3.00	47.00	


UNC			
UNC	TPI	ø [mm]	ø [mm]
No.2	56	1.85	2.00
No.3	48	2.10	2.30
No.4	40	2.35	2.60
No.5	40	2.65	2.90
No.6	32	2.85	3.20
No.8	32	3.50	3.80
No.10	24	3.90	4.40
No.12	24	4.50	5.00
1/4	20	5.10	5.80
5/16	18	6.60	7.30
3/8	16	8.00	8.80
7/16	14	9.40	10.30
1/2	13	10.80	11.90
9/16	12	12.20	
5/8	11	13.50	14.80
3/4	10	16.50	17.90
7/8	9	19.50	
1	8	22.25	24.00
1.1/8	7	25.00	
1.1/4	7	28.00	
1.3/8	6	30.75	
1.1/2	6	34.00	
1.3/4	5	39.50	
2	4.5	45.00	


UNF			
UNF	TPI	ø [mm]	ø [mm]
No.2	64	1.90	2.00
No.3	56	2.15	2.30
No.4	48	2.40	2.60
No.5	44	2.70	2.90
No.6	40	2.95	3.20
No.8	36	3.50	3.90
No.10	32	4.10	4.50
No.12	28	4.70	5.10
1/4	28	5.50	6.00
5/16	24	6.90	7.50
3/8	24	8.50	9.10
7/16	20	9.90	10.60
1/2	20	11.50	12.10
9/16	18	12.90	
5/8	18	14.50	15.30
3/4	16	17.50	18.30
7/8	14	20.40	
1	12	23.25	
1.1/8	12	26.50	
1.1/4	12	29.50	
1.3/8	12	32.75	
1.1/2	12	36.00	


BSW			
BSW	TPI	ø [mm]	ø [mm]
3/32	48	1.85	2.10
1/8	40	2.55	2.90
5/32	32	3.20	3.60
3/16	24	3.70	4.30
7/32	24	4.50	
1/4	20	5.10	5.80
5/16	18	6.50	7.30
3/8	16	7.90	8.80
7/16	14	9.20	10.20
1/2	12	10.50	11.60
9/16	12	12.00	13.20
5/8	11	13.50	14.70
3/4	10	16.50	17.70
7/8	9	19.25	20.75
1	8	22.00	23.75
1.1/8	7	24.75	
1.1/4	7	28.00	
1.3/8	6	30.50	
1.1/2	6	33.50	
1.5/8	5	35.50	
1.3/4	5	39.00	
1.7/8	4.5	41.50	
2	4.5	44.50	


BSF			
BSF	TPI	ø [mm]	ø [mm]
3/16	32	4.00	
7/32	28	4.50	
1/4	26	5.30	
9/32	26	6.00	
5/16	22	6.80	
3/8	20	8.30	
7/16	18	9.70	
1/2	16	11.00	
9/16	16	12.70	
5/8	14	14.00	
11/16	14	15.50	
3/4	12	17.00	
13/16	12	18.25	
7/8	11	19.75	
1	10	22.75	
1. 1/8	9	25.50	
1. 1/4	9	28.50	
1. 3/8	8	31.50	
1. 1/2	8	34.50	
1. 5/8	8	37.50	

G			
ø	TPI	ø [mm]	ø [mm]
1/8	28	8.80	9.30
1/4	19	11.80	12.50
3/8	14	15.25	16.00
1/2	14	19.00	20.00
5/8	14	21.00	22.00
3/4	14	24.50	25.50
7/8	14	28.25	29.30
1	11	30.75	32.00
1.1/4	11	39.50	
1.1/2	11	45.00	
1.3/4	11	51.00	
2	11	57.00	
2.1/4	11	63.00	
2.1/2	11	72.50	
2.3/4	11	79.00	
3	11	85.50	


BA			
BA	TPI	ø [mm]	ø [mm]
10	0.35	1.30	
8	0.43	1.80	
6	0.53	2.30	
5	0.59	2.65	
4	0.66	3.00	
3	0.73	3.40	
2	0.81	4.00	
1	0.90	4.50	
0	1.00	5.10	

EGM			
M	P [mm]	ø [mm]	ø [mm]
2.5	0.45	2.60	
3	0.50	3.20	
3.5	0.60	3.70	
4	0.70	4.20	
5	0.80	5.20	
6	1.00	6.30	
8	1.25	8.40	
10	1.50	10.50	
12	1.75	12.50	
14	2.00	14.50	
16	2.00	16.50	
18	2.50	18.75	
20	2.50	20.75	
22	2.50	22.75	
24	3.00	24.75	

NPT			
NPT	TPI	ø [mm]	ø [mm]
1/16	27	6.30	
1/8	27	8.50	
1/4	18	11.00	
3/8	18	14.50	
1/2	14	18.00	
3/4	14	23.00	
1	11.5	29.00	
1.1/4	11.5	38.00	
1.1/2	11.5	44.00	
2	11.5	56.00	
2.1/2	8	67.00	
3	8	83.00	

NPTF			
NPTF	TPI	ø [mm]	ø [mm]
1/16	27	6.30	
1/8	27	8.50	
1/4	18	11.00	
3/8	18	14.50	
1/2	14	18.00	
3/4	14	23.00	
1	11.5	29.00	
1.1/4	11.5	38.00	
1.1/2	11.5	44.00	
2	11.5	56.00	
2.1/2	8	67.00	
3	8	83.00	

NPSF			
NPSF	TPI	ø [mm]	ø [mm]
1/8	27	8.70	
1/4	18	11.30	
3/8	18	14.75	
1/2	14	18.25	
3/4	14	23.50	
1	11.5	29.50	

NPSM			
NPSM	TPI	ø [mm]	ø [mm]
1/8	27	9.10	
1/4	18	12.00	
3/8	18	15.50	
1/2	14	19.00	
3/4	14	24.50	
1	11.5	30.50	
1.1/4	11.5	39.50	
1.1/2	11.5	45.50	
2	11.5	57.50	
2.1/2	8	69.00	