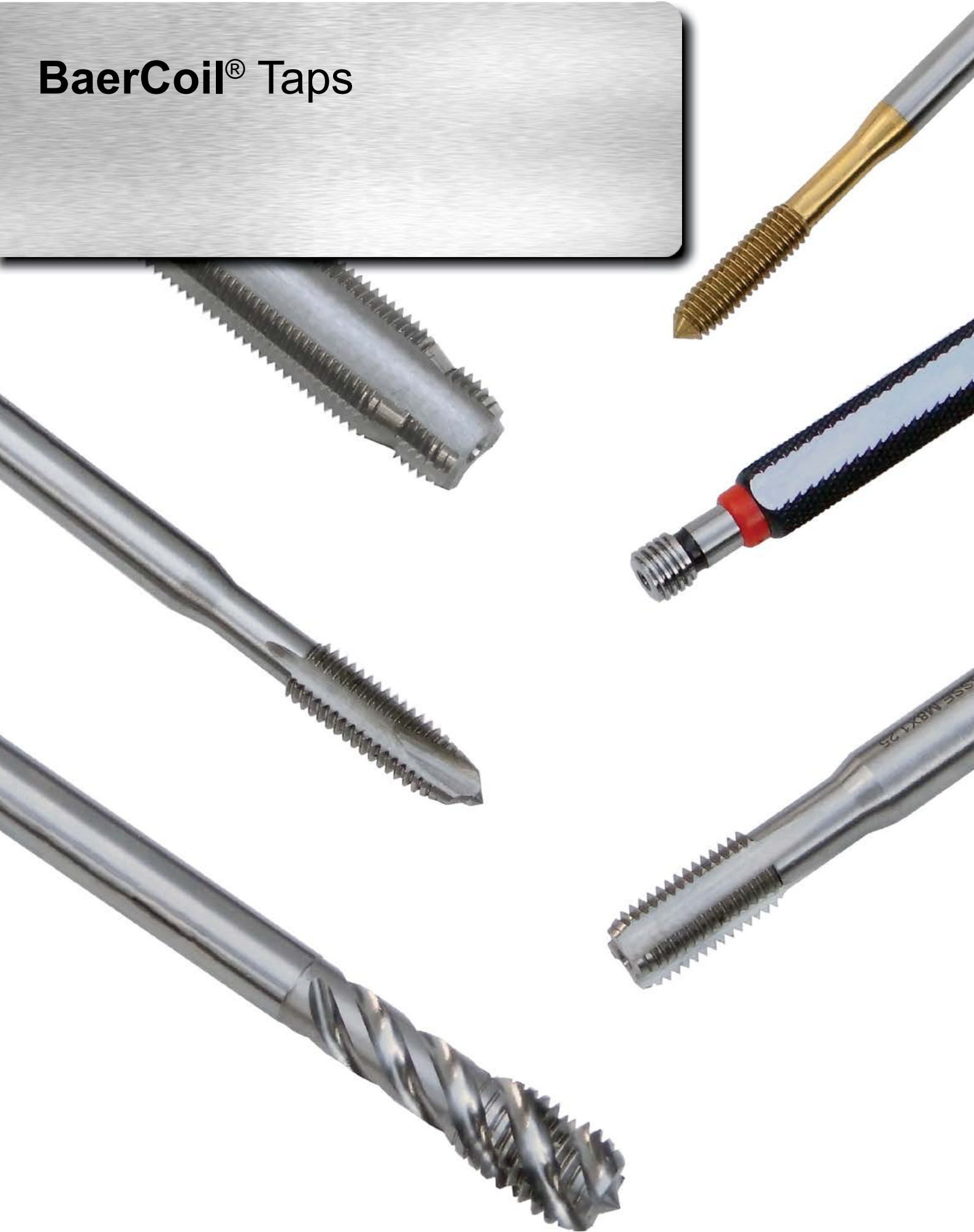
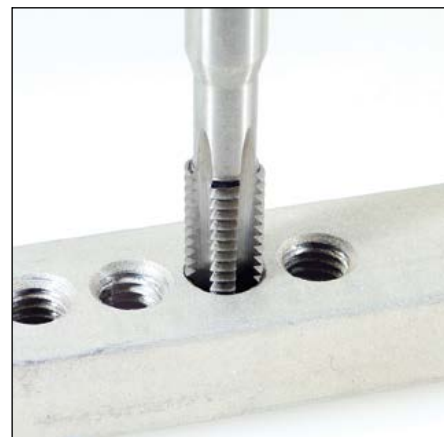


BaerCoil® Taps



BaerCoil® Taps

The BaerCoil® tap dimensions are different in diameter than normal taps. They have a larger diameter than standard taps in order to hold the wire thread insert while maintaining the same dimension. STI- or EG taps are made according to exact standards and in high-performance high-speed steel (HSS or HSSE). If a BaerCoil® thread insert is installed in a correctly cut receiving thread, the required thread tolerance for the installed screw is achieved.



Coatings and surface treatments

Coated taps can be supplied on request. Especially TiN coated taps are on stock.

Thread designations

M	ISO metric thread
UNC	Unified National Coarse Thread Series ANSI B1.1
UNF	Unified National Fine Thread Series ANSI B1.1
BSW	British Standard Whitworth Coarse Thread Series BS 84
BSF	British Standard Whitworth Fine Thread Series BS 84
G (BSP)	British Standard Pine Thread DIN ISO 228
BA	British Association Standard Thread BS 93
BSB	British Standard Brass Thread
BSC	British Standard Cycle Thread RS 811
NPT	American Taper Pipe Thread ANSI B1.20.1
8 - UN	Unified Thread Series 8 TPI ANSI B1.1

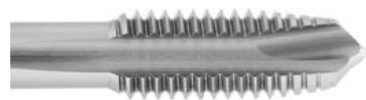
Compatibility

Important: BaerCoil® taps are compatible with wire thread inserts and taps from other manufacturers. They are often called "STI" or "EG" taps. Compatibility cannot be guaranteed, so it is always recommended to test from case to case.

Tap lead-in chamfer



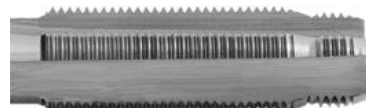
Bottoming tap
chamfer: Form D (3-4 pitches)
for through hole and blind hole



Machine tap
chamfer: Form B (about 4 pitches)
for through hole



Machine tap
chamfer: Form C (2-3 pitches)
for blind hole



Tap with pilot nose
for thread repair

chip removal



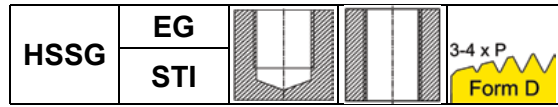
hole type





BaerCoil® Bottoming Taps for Wire Thread Inserts

Bottoming Taps can be used by hand or machine



works standard



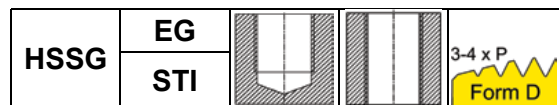
M	D1	D2	L1	L2	□		No.	€
M 2 x 0,4	2,52	2,80	44,5	9,5	2,24	2,1	B3001	6,60
M 2,2 x 0,45	2,79	3,15	48,0	11,0	2,50	2,3	B3002	19,90
M 2,5 x 0,45	3,09	3,15	48,0	11,0	2,50	2,6	B3003	6,60
M 3 x 0,5	3,65	4,00	53,0	13,0	3,15	3,2	B3005	5,80
M 3,5 x 0,6	4,28	4,50	53,0	13,0	3,55	3,7	B3006	16,30
M 4 x 0,7	4,91	5,00	58,0	16,0	4,00	4,2	B3007	5,80
M 5 x 0,8	6,04	6,3	66,0	19,0	5,00	5,3	B3008	5,80
M 6 x 0,75	6,98	8,00	72,0	22,0	6,30	6,2	B3071	34,70
M 6 x 1,0	7,30	8,00	72,0	22,0	6,30	6,3	B3009	5,80
M 7 x 1,0	8,30	9,00	72,0	22,0	7,10	7,3	B3010	7,20
M 8 x 0,75	8,90	9,60	77,0	33,0	7,20	8,2	B3072	34,80
M 8 x 1,0	9,30	10,00	80,0	24,0	8,00	8,3	B3012	7,20
M 8 x 1,25	9,62	10,00	80,0	24,0	8,00	8,3	B3011	7,20
M 9 x 1,0	10,30	8,20	90,0	35,0	6,10	9,3	B3073	35,30
M 9 x 1,25	10,62	8,00	85,0	25,0	6,30	9,3	B3013	8,90
M 10 x 1,0	11,30	8,00	85,0	25,0	6,30	10,3	B3017	8,90
M 10 x 1,25	11,62	8,00	85,0	25,0	6,30	10,3	B3016	8,90
M 10 x 1,5	11,95	9,00	89,0	29,0	7,10	10,4	B3015	8,90
M 11 x 1,0	12,25	9,30	86,0	42,0	6,90	11,3	B3074	54,90
M 11 x 1,25	12,62	9,00	89,0	29,0	7,10	11,3	B3075	12,30
M 11 x 1,5	12,95	9,00	89,0	29,0	7,10	11,4	B3018	10,00
M 12 x 1,0	13,30	10,90	91,0	42,0	8,10	12,3	B3023	30,10
M 12 x 1,25	13,62	11,20	95,0	30,0	9,00	12,3	B3022	12,20
M 12 x 1,5	13,95	11,20	95,0	30,0	9,00	12,4	B3021	12,20
M 12 x 1,75	14,27	11,20	95,0	30,0	9,00	12,4	B3020	10,00
M 13 x 1,25	14,62	11,30	95,0	32,0	8,90	13,4	B3076	88,00
M 13 x 1,5	14,95	12,50	102,0	32,0	11,2	13,4	B3077	88,00
M 13 x 1,75	15,25	12,50	102,0	32,0	11,2	13,4	B3078	88,00
M 14 x 1,0	15,30	12,50	102,0	32,0	10,0	14,4	B3030	13,90
M 14 x 1,25	15,57	12,5	102	32	10,0	14,4	B3029	13,90
M 14 x 1,5	15,95	12,5	102	32	10,0	14,5	B3028	13,90
M 14 x 2,0	16,60	12,5	102	32	10,0	14,5	B3027	13,90
M 15 x 1,5	16,95	12,5	102	32	10,0	15,5	B3079	120,00
M 15 x 2,0	17,60	14,0	112	37	11,2	15,5	B3080	120,00
M 16 x 1,5	17,95	14,0	104	29	11,2	16,5	B3034	17,00
M 16 x 2,0	18,60	14,0	112	37	11,2	16,5	B3033	17,00

M	D1	D2	L1	L2	□		No.	€
M 18 x 1,5	19,95	14,0	104	29	11,2	18,5	B3037	25,40
M 18 x 2,0	20,60	16,6	113	51	12,4	18,5	B3036	25,40
M 18 x 2,5	21,25	16,0	118	38	12,5	18,5	B3035	25,40
M 20 x 1,5	21,95	16,0	113	33	12,5	20,5	B3040	28,20
M 20 x 2,0	22,60	16,0	113	33	12,5	20,5	B3039	28,20
M 20 x 2,5	23,25	16,0	118	38	12,5	20,5	B3038	28,20
M 22 x 1,5	23,95	19,3	124	58	14,4	22,5	B3043	32,50
M 22 x 2,0	24,60	20,3	130	64	15,2	22,5	B3042	32,50
M 22 x 2,5	25,25	20,3	130	64	15,2	22,5	B3041	32,50
M 24 x 1,5	26,02	18,0	120	35	14,0	24,5	B3046	50,00
M 24 x 2,0	26,60	20,0	127	37	16,0	24,5	B3045	50,00
M 24 x 3,0	27,90	23,0	138	66	17,0	24,5	B3044	50,00
M 26 x 1,5	27,95	20,0	127	37	16,0	26,5	B3049	134,70
M 27 x 1,5	28,95	20,0	127	37	16,0	27,5	B3052	134,70
M 27 x 2,0	29,60	20,0	127	37	16,0	27,5	B3051	134,70
M 27 x 3,0	30,90	22,4	151	51	18,0	27,5	B3050	134,70
M 28 x 1,5	29,95	20,0	127	37	16,0	28,5	B3053	134,70
M 30 x 1,5	31,95	22,4	137	37	18,0	30,5	B3056	176,50
M 30 x 2,0	32,60	22,4	137	37	18,0	30,5	B3055	176,50
M 30 x 3,0	33,90	22,4	137	37	18,0	30,5	B3081	600,00
M 30 x 3,5	34,55	25,0	162	57	20,0	30,5	B3054	176,50
M 33 x 2,0	35,60	25,0	144	37	20,0	33,5	B3058	183,20
M 33 x 3,5	37,55	25,0	162	57	20,0	33,5	B3057	183,20
M 36 x 1,5	37,95	28,0	150	39	22,4	36,5	B3063	204,20
M 36 x 2,0	38,60	28,0	150	39	22,4	36,5	B3062	204,20
M 36 x 3,0	39,90	28,0	170	60	22,4	36,5	B3061	204,20
M 36 x 4,0	41,20	28,0	170	60	22,4	36,5	B3060	204,20
M 39 x 2,0	41,60	31,5	187	67	25,0	39,5	B3066	950,00
M 39 x 3,0	42,90	31,5	187	67	25,0	39,5	B3065	300,00
M 39 x 4,0	44,20	31,5	187	67	25,0	39,5	B3064	330,00
M 42 x 2,0	44,60	35,5	200	70	28,0	42,5	B3070	450,00
M 42 x 3,0	45,90	35,5	200	70	28,0	42,8	B3069	450,00
M 42 x 4,0	47,20	35,5	200	70	28,0	43,0	B3068	450,00
M 42 x 4,5	47,85	35,5	200	70	28,0	43,0	B3067	450,00
M 52 x 5,0	58,50	40,0	221	76	34,0	53,5	B3082	730,00



BaerCoil® Bottoming Taps for Wire Thread Inserts

Bottoming Taps can be used by hand or machine



works standard

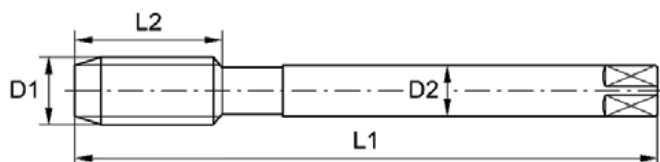
UNC	D1	D2	L1	L2	□		No.	€
UNC 2 x 56	2,77	3,2	48	10	2,50	2,30	B3100	9,20
UNC 3 x 48	3,20	4,0	53	13	3,15	2,60	B3121	56,00
UNC 4 x 40	3,67	4,0	53	13	3,15	3,00	B3101	9,00
UNC 5 x 40	4,00	4,0	53	13	3,15	3,40	B3102	9,00
UNC 6 x 32	4,54	5,0	58	16	4,00	3,70	B3103	9,00
UNC 8 x 32	5,20	5,6	62	17	4,50	4,40	B3104	9,00
UNC 10 x 24	6,20	6,3	66	19	5,00	5,10	B3105	9,00
UNC 12 x 24	6,86	7,1	66	19	5,60	5,70	B3106	9,00
UNC 1/4 x 20	8,00	8,0	73	30	6,00	6,70	B3107	5,90
UNC 5/16 x 18	9,77	9,6	77	33	7,20	8,30	B3108	6,50
UNC 3/8 x 16	11,59	9,3	85	42	6,90	9,90	B3109	6,80
UNC 7/16 x 14	13,47	10,8	91	43	8,10	11,60	B3110	9,10
UNC 1/2 x 13	15,24	12,1	96	46	9,00	13,00	B3111	10,40
UNC 9/16 x 12	17,03	14,0	112	37	11,20	14,80	B3112	17,40
UNC 5/8 x 11	18,87	14,0	112	37	11,20	16,50	B3113	21,40
UNC 11/16x11	20,50	14,0	112	37	11,20	18,50	B3122	266,90
UNC 3/4 x 10	22,35	16,0	118	38	12,50	19,75	B3114	26,00
UNC 7/8 x 9	25,89	18,0	130	45	14,00	23,00	B3115	37,50
UNC 1" x 8	29,52	20,0	138	48	16,00	26,25	B3116	37,50
UNC 1.1/8 x 7	33,29	22,4	151	51	18,0	29,5	B3117	127,00
UNC 1.1/4 x 7	36,46	25,0	162	57	20,0	33,0	B3118	152,50
UNC 1.3/8 x 6	40,42	28,0	170	60	22,4	36,0	B3119	182,00
UNC 1.1/2 x 6	43,60	31,5	187	67	25,0	39,0	B3120	244,00

UNF	D1	D2	L1	L2	□		No.	€
UNF 3 x 56	3,10	4,00	53	13	3,15	2,6	B3150	55,30
UNF 4 x 48	3,53	4,00	53	13	3,15	3,0	B3151	9,00
UNF 6 x 40	4,33	4,50	53	13	3,55	3,7	B3152	9,00
UNF 8 x 36	5,08	5,60	62	17	4,50	4,4	B3153	9,00
UNF 10 x 32	5,86	6,30	66	19	5,00	5,1	B3154	9,00
UNF 1/4 x 28	7,53	8,00	73	30	6,00	6,6	B3155	5,90
UNF 5/16 x 24	9,31	9,60	78	33	7,20	8,2	B3156	6,50
UNF 3/8 x 24	10,90	8,10	80	36	6,10	9,8	B3157	6,70
UNF 7/16 x 20	12,76	9,25	84	43	6,90	11,5	B3158	9,00
UNF 1/2 x 20	14,35	10,80	91	43	8,10	13,0	B3159	10,20
UNF 9/16 x 18	16,12	12,50	104	29	10,00	14,8	B3160	17,20
UNF 5/8 x 18	17,71	14,00	104	29	11,20	16,3	B3161	21,20
UNF 3/4 x 16	21,11	14,00	104	29	11,20	19,5	B3162	26,00
UNF 7/8 x 14	24,58	18,00	120	35	14,00	22,8	B3163	37,50
UNF 1" x 12	28,15	20,00	127	37	16,00	26,0	B3164	37,50
UNF 1" x 14	27,80	20,00	127	37	16,00	26,0	B3165	38,00
UNF 1.1/8 x 12	31,32	22,4	137	37	18,0	29,0	B3166	234,20
UNF 1.1/4 x 12	34,50	25,0	144	39	20,0	32,5	B3167	281,10
UNF 1.3/8 x 12	37,68	28,0	150	39	22,4	35,5	B3168	351,50
UNF 1.1/2 x 12	40,85	28,0	150	39	22,4	38,5	B3169	390,00

BA	D1	D2	L1	L2	□		No.	€
BA 0	7,12	7,1	66	19	5,6	6,2	B3321	14,00
BA 1	6,33	6,3	66	19	5,0	5,5	B3322	73,00
BA 2	5,61	6,3	66	19	5,0	4,9	B3323	14,00
BA 3	4,92	5,0	58	16	4,0	4,2	B3324	90,00
BA 4	4,35	4,5	53	13	3,6	3,8	B3325	14,00
BA 5	3,87	4,0	53	13	3,2	3,3	B3326	90,00
BA 6	3,40	3,6	50	13	2,8	2,9	B3327	14,00

G (BSP)	D1	D2	L1	L2	□		No.	€
G 1/8 x 28	10,82	8,0	59	15	6,3	10,0	B3311	8,70
G 1/4 x 19	14,74	11,2	67	19	9,0	13,5	B3312	11,00
G 3/8 x 19	18,25	14,0	75	21	11,2	17,0	B3313	14,30
G 1/2 x 14	23,09	16,0	87	26	12,5	21,5	B3314	23,30
G 5/8 x 14	25,05	18,0	91	26	14,0	23,5	B3315	34,30
G 3/4 x 14	28,59	20,0	96	28	16,0	27,0	B3316	34,30
G 7/8 x 14	32,35	22,4	102	29	18,0	30,5	B3318	198,00
G 1" x 11	35,96	25,0	109	33	20,0	33,5	B3317	54,60
G 1.1/4 x 11	44,63	36,0	125	40	29,0	42,5	B3319	*
G 1.1/2 x 11	50,53	36,0	140	40	29,0	48,5	B3320	*

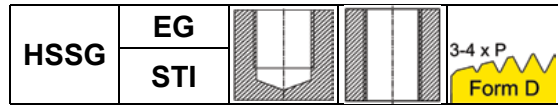
* prices on request





BaerCoil® Bottoming Taps for Wire Thread Inserts

Bottoming Taps can be used by hand or machine



works standard



BSW	D1	D2	L1	L2	□		No.	€
BSW 1/8 x 40	3,93	4,0	53	13	3,15	3,40	B3201	13,70
BSW 3/16 x 24	6,01	6,3	56	19	6,00	5,10	B3202	13,70
BSW 1/4 x 20	7,84	8,0	72	22	7,20	6,70	B3203	13,70
BSW 5/16 x 18	9,59	10,0	80	24	6,90	8,30	B3204	13,70
BSW 3/8 x 16	11,39	8,0	85	25	8,10	9,90	B3205	13,70
BSW 7/16 x 14	13,24	11,2	95	30	9,00	11,60	B3206	13,70
BSW 1/2 x 12	15,17	12,5	102	32	10,00	13,00	B3207	13,70
BSW 9/16 x 12	16,76	12,5	102	32	10,00	14,80	B3208	39,10
BSW 5/8 x 11	18,57	14,0	112	37	11,20	16,70	B3209	48,30
BSW 11/16x11	20,20	14,0	112	37	11,20	18,50	B3210	58,60
BSW 3/4 x10	22,02	16,0	118	38	12,50	20,00	B3211	58,60
BSW 7/8 x 9	25,52	18,0	130	45	14,00	23,00	B3212	68,30
BSW 1" x 8	29,10	20,0	138	48	16,00	26,50	B3213	68,30
BSW 1.1/8 x 7	32,80	22,4	151	51	18,00	29,50	B3214	448,00
BSW 1.1/4 x 7	35,97	25,0	162	57	20,00	33,00	B3215	572,00
BSW 1.3/8 x 6	39,88	28,0	170	60	22,40	36,00	B3216	725,00
BSW 1.1/2 x 6	43,02	31,5	187	67	25,00	39,00	B3217	743,50

BSF	D1	D2	L1	L2	□		No.	€
BSF 3/16 x 32	5,71	6,3	66	19	5,0	5,0	B3251	13,70
BSF 7/32 x 28	6,63	7,1	66	19	5,6	5,8	B3269	*
BSF 1/4 x 26	7,51	8,0	72	22	6,3	6,6	B3253	13,70
BSF 9/32 x 26	8,31	9,0	72	22	7,1	7,3	B3270	*
BSF 5/16 x 22	9,30	10,0	80	24	8,0	8,3	B3255	13,70
BSF 3/8 x 20	11,02	8,0	85	25	6,3	9,9	B3256	13,70
BSF 7/16 x 18	12,78	9,0	89	29	7,1	11,6	B3257	13,70
BSF 1/2 x 16	14,57	11,2	95	30	9,0	13,0	B3258	13,70
BSF 9/16 x 16	16,16	12,5	102	32	10,0	14,8	B3259	39,10
BSF 5/8 x 14	18,01	14,0	112	37	11,2	16,4	B3260	48,30
BSF 11/16x 14	19,60	14,0	112	37	11,2	18,0	B3261	58,60
BSF 3/4 x 12	21,53	16,0	118	38	12,5	19,5	B3262	58,60
BSF 13/16x 12	23,12	16,0	118	38	12,5	21,0	B3271	*
BSF 7/8 x 11	24,94	18,0	130	45	14,0	22,7	B3264	68,30
BSF 1" x 10	28,38	20,0	138	48	16,0	26,5	B3265	68,30
BSF 1.1/8 x 9	31,88	22,4	137	37	18,0	29,5	B3265	68,30
BSF 1.1/4 x 9	35,06	25,0	144	39	20,0	32,5	B3266	686,30
BSF 1.3/8 x 8	38,64	28,0	150	39	22,4	36,0	B3267	*
BSF 1.1/2 x 8	41,82	28,0	150	39	22,4	39,0	B3268	*

BSB	D1	D2	L1	L2	□		No.	€
BSB 1/4 x 26	7,5	8,0	69	19	6,3	6,5	B3341	13,70
BSB 5/16 x 26	9,1	10,0	76	20	8,0	8,2	B3342	14,80
BSB 3/8 x 26	10,7	8,0	82	22	6,3	9,8	B3343	15,50
BSB 7/16 x 26	12,3	9,0	84	24	7,1	11,5	B3344	20,70
BSB 1/2 x 26	13,9	11,2	90	25	9,0	12,8	B3345	23,50

BSC	D1	D2	L1	L2	□		No.	€
BSC 5/16 x 26	9,1	10,0	76	20	8,0	8,2	B3331	72,50
BSC 3/8 x 26	10,7	8,0	82	22	6,3	9,8	B3332	103,00
BSC 7/16 x 26	12,3	9,0	84	24	7,1	11,5	B3333	125,90
BSC 1/2 x 26	13,9	11,2	90	25	9,0	12,8	B3334	162,00

special sizes	D1	D2	L1	L2	□		No.	€
UNEF 1/4 x 32	7,3	8,0	69	19	6,3	6,5	B3350	74,00
Harley 1/4 x 24	7,8	8,0	69	29	6,3	6,5	B3351	41,50
Harley 7/16 x 16	13,2	10,8	91	42	8,2	11,5	B3352	41,50
Cummins 11/16x16		14,0	112	37	14,0	18,0	B3353	276,40
Carburetor 7/8 x 20		18,0	120	35	14,0	22,5	B3354	362,20
Carburetor 1" x 20		20,0	127	37	16,0	26,0	B3355	457,50

NPT	D1	D2	L1	L2	□		No.	€
NPT 1/8 x 27		7	65	19	5,5	9,9	B3370	219,20
NPT 1/4 x 19		11	70	25	9,0	13,5	B3371	244,00
NPT 3/8 x 18		12	75	26	9,0	17,0	B3372	335,50
NPT 1/2 x 14		16	80	31	12,0	21,5	B3373	448,00
NPT 3/4 x 14		20	100	33	16,0	27,0	B3374	528,10
NPT 1" x 11,5		25	110	38	20,0	33,5	B3375	735,90

8 - UN	D1	D2	L1	L2	□		No.	€
1.1/8 x 8		20,0	138	59	16,0	28,5	B3360	531,90
1.1/4 x 8		22,4	151	51	18,0	32,0	B3361	655,80
1.3/8 x 8		25,0	162	57	20,0	35,0	B3362	783,90
1.1/2 x 8		28,0	170	60	22,4	38,0	B3363	817,90
1.5/8 x 8		28,0	170	60	22,4	41,0	B3364	972,50
1.3/4 x 8		31,5	187	67	25,0	44,5	B3365	1130,50
1.7/8 x 8		31,5	187	67	25,0	47,5	B3366	1229,90
2" x 8		35,5	200	70	28,0	51,0	B3367	1344,00



* prices on request