



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.

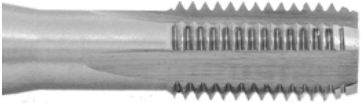

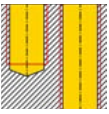
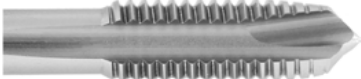

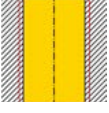
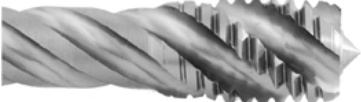

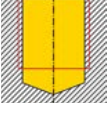


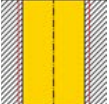
Thread designations

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

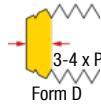
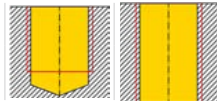
		chip removal	hole type
	Bottoming tap chamfer: Form D (3-4 pitches) for through hole and blind hole		
	Machine tap chamfer: Form B (about 4 pitches) for through hole		
	Machine tap chamfer: Form C (2-3 pitches) for blind hole		
	Tap with pilot nose for thread repair		

BaerCoil® Bottoming Taps for Wire Thread Inserts

Bottoming Taps can be used by hand or machine

HSSG

EG
STI

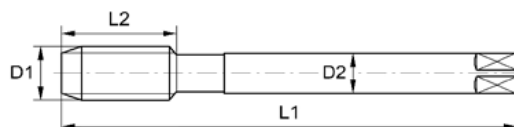


works standard



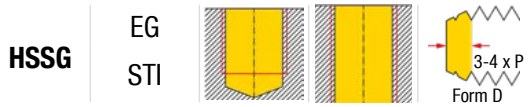
M	D1	D2	L1	L2	□	🔩	No.	€
M 2 x 0,4	2,52	2,80	44,5	9,5	2,24	2,1	B3001-1	7,28
M 2,2 x 0,45	2,79	3,15	48,0	11,0	2,50	2,3	B3002-1	10,20
M 2,5 x 0,45	3,09	3,15	48,0	11,0	2,50	2,6	B3003-1	7,28
M 3 x 0,5	3,65	4,00	53,0	13,0	3,15	3,2	B3005-1	6,39
M 3,5 x 0,6	4,28	4,50	53,0	13,0	3,55	3,7	B3006-1	7,00
M 4 x 0,7	4,91	5,00	58,0	16,0	4,00	4,2	B3007-1	6,39
M 5 x 0,8	6,04	6,3	66,0	19,0	5,00	5,3	B3008-1	6,39
M 6 x 0,75	6,98	8,00	72,0	22,0	6,30	6,2	B3071-1	34,70
M 6 x 1,0	7,30	8,00	72,0	22,0	6,30	6,3	B3009-1	6,39
M 7 x 1,0	8,30	9,00	72,0	22,0	7,10	7,3	B3010-1	7,94
M 8 x 0,75	8,90	9,60	77,0	33,0	7,20	8,2	B3072-1	34,70
M 8 x 1,0	9,30	10,00	80,0	24,0	8,00	8,3	B3012-1	7,94
M 8 x 1,25	9,62	10,00	80,0	24,0	8,00	8,3	B3011-1	7,94
M 9 x 1,0	10,30	8,20	90,0	35,0	6,10	9,3	B3073-1	35,30
M 9 x 1,25	10,62	8,00	85,0	25,0	6,30	9,3	B3013-1	9,82
M 10 x 1,0	11,30	8,00	85,0	25,0	6,30	10,3	B3017-1	9,82
M 10 x 1,25	11,62	8,00	85,0	25,0	6,30	10,3	B3016-1	9,82
M 10 x 1,5	11,95	9,00	89,0	29,0	7,10	10,4	B3015-1	9,82
M 11 x 1,0	12,25	9,30	86,0	42,0	6,90	11,3	B3074-1	54,90
M 11 x 1,25	12,62	9,00	89,0	29,0	7,10	11,3	B3075-1	12,92
M 11 x 1,5	12,95	9,00	89,0	29,0	7,10	11,4	B3018-1	11,03
M 12 x 1,0	13,30	10,90	91,0	42,0	8,10	12,3	B3023-1	14,20
M 12 x 1,25	13,62	11,20	95,0	30,0	9,00	12,3	B3022-1	13,45
M 12 x 1,5	13,95	11,20	95,0	30,0	9,00	12,4	B3021-1	13,45
M 12 x 1,75	14,27	11,20	95,0	30,0	9,00	12,4	B3020-1	11,03
M 13 x 1,25	14,62	11,30	95,0	32,0	8,90	13,4	B3076-1	72,00
M 13 x 1,5	14,95	12,50	102,0	32,0	11,2	13,4	B3077-1	72,00
M 13 x 1,75	15,25	12,50	102,0	32,0	11,2	13,4	B3078-1	72,00
M 14 x 1,0	15,30	12,50	102,0	32,0	10,0	14,4	B3030-1	15,33
M 14 x 1,25	15,57	12,5	102	32	10,0	14,4	B3029-1	15,33
M 14 x 1,5	15,95	12,5	102	32	10,0	14,5	B3028-1	15,33
M 14 x 2,0	16,60	12,5	102	32	10,0	14,5	B3027-1	15,33
M 15 x 1,5	16,95	12,5	102	32	10,0	15,5	B3079-1	74,00
M 15 x 2,0	17,60	14,0	112	37	11,2	15,5	B3080-1	74,00
M 16 x 1,5	17,95	14,0	104	29	11,2	16,5	B3034-1	18,74
M 16 x 2,0	18,60	14,0	112	37	11,2	16,5	B3033-1	18,74

M	D1	D2	L1	L2	□	🔩	No.	€
M 18 x 1,5	19,95	14,0	104	29	11,2	18,5	B3037-1	26,67
M 18 x 2,0	20,60	16,6	113	51	12,4	18,5	B3036-1	26,67
M 18 x 2,5	21,25	16,0	118	38	12,5	18,5	B3035-1	26,67
M 20 x 1,5	21,95	16,0	113	33	12,5	20,5	B3040-1	29,61
M 20 x 2,0	22,60	16,0	113	33	12,5	20,5	B3039-1	29,61
M 20 x 2,5	23,25	16,0	118	38	12,5	20,5	B3038-1	29,61
M 22 x 1,5	23,95	19,3	124	58	14,4	22,5	B3043-1	34,13
M 22 x 2,0	24,60	20,3	130	64	15,2	22,5	B3042-1	34,13
M 22 x 2,5	25,25	20,3	130	64	15,2	22,5	B3041-1	34,13
M 24 x 1,5	26,02	18,0	120	35	14,0	24,5	B3046-1	40,40
M 24 x 2,0	26,60	20,0	127	37	16,0	24,5	B3045-1	40,40
M 24 x 3,0	27,90	23,0	138	66	17,0	24,5	B3044-1	40,40
M 26 x 1,5	27,95	20,0	127	37	16,0	26,5	B3049	117,45
M 27 x 1,5	28,95	20,0	127	37	16,0	27,5	B3052	117,45
M 27 x 2,0	29,60	20,0	127	37	16,0	27,5	B3051	117,45
M 27 x 3,0	30,90	22,4	151	51	18,0	27,5	B3050	117,45
M 28 x 1,5	29,95	20,0	127	37	16,0	28,5	B3053	117,45
M 30 x 1,5	31,95	22,4	137	37	18,0	30,5	B3056	154,10
M 30 x 2,0	32,60	22,4	137	37	18,0	30,5	B3055	154,10
M 30 x 3,0	33,90	22,4	137	37	18,0	30,5	B3081-1	364,00
M 30 x 3,5	34,55	25,0	162	57	20,0	30,5	B3054-1	154,10
M 33 x 2,0	35,60	25,0	144	37	20,0	33,5	B3058	159,85
M 33 x 3,5	37,55	25,0	162	57	20,0	33,5	B3057	159,85
M 36 x 1,5	37,95	28,0	150	39	22,4	36,5	B3063	178,20
M 36 x 2,0	38,60	28,0	150	39	22,4	36,5	B3062	178,20
M 36 x 3,0	39,90	28,0	170	60	22,4	36,5	B3061	178,20
M 36 x 4,0	41,20	28,0	170	60	22,4	36,5	B3060	178,20
M 39 x 2,0	41,60	31,5	187	67	25,0	39,5	B3066-1	451,00
M 39 x 3,0	42,90	31,5	187	67	25,0	39,5	B3065-1	233,00
M 39 x 4,0	44,20	31,5	187	67	25,0	39,5	B3064-1	273,50
M 42 x 2,0	44,60	35,5	200	70	28,0	42,5	B3070-1	472,50
M 42 x 3,0	45,90	35,5	200	70	28,0	42,8	B3069-1	255,25
M 42 x 4,0	47,20	35,5	200	70	28,0	43,0	B3068-1	472,50
M 42 x 4,5	47,85	35,5	200	70	28,0	43,0	B3067-1	385,20
M 52 x 5,0	58,50	40,0	221	76	34,0	53,5	B3082-1	738,00



BaerCoil® Bottoming Taps for Wire Thread Inserts

Bottoming Taps can be used by hand or machine



works standard



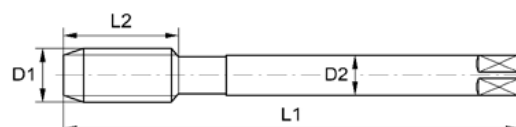
UNC	D1	D2	L1	L2	□		No.	€
UNC 2 x 56	2,77	3,2	48	10	2,50	2,30	B3100	9,66
UNC 3 x 48	3,20	4,0	53	13	3,15	2,60	B3121	58,80
UNC 4 x 40	3,67	4,0	53	13	3,15	3,00	B3101	9,60
UNC 5 x 40	4,00	4,0	53	13	3,15	3,40	B3102	9,60
UNC 6 x 32	4,54	5,0	58	16	4,00	3,70	B3103	9,60
UNC 8 x 32	5,20	5,6	62	17	4,50	4,40	B3104	9,60
UNC 10 x 24	6,20	6,3	66	19	5,00	5,10	B3105	9,60
UNC 12 x 24	6,86	7,1	66	19	5,60	5,70	B3106	9,60
UNC 1/4 x 20	8,00	8,0	73	30	6,00	6,70	B3107	6,30
UNC 5/16 x 18	9,77	9,6	77	33	7,20	8,30	B3108	7,00
UNC 3/8 x 16	11,59	9,3	85	42	6,90	9,90	B3109	7,30
UNC 7/16 x 14	13,47	10,8	91	43	8,10	11,60	B3110	9,70
UNC 1/2 x 13	15,24	12,1	96	46	9,00	13,00	B3111	11,10
UNC 9/16 x 12	17,03	14,0	112	37	11,20	14,80	B3112	18,60
UNC 5/8 x 11	18,87	14,0	112	37	11,20	16,50	B3113	22,90
UNC 11/16x11	20,50	14,0	112	37	11,20	18,50	B3122	280,25
UNC 3/4 x 10	22,35	16,0	118	38	12,50	19,75	B3114	27,80
UNC 7/8 x 9	25,89	18,0	130	45	14,00	23,00	B3115	40,10
UNC 1" x 8	29,52	20,0	138	48	16,00	26,25	B3116	40,10
UNC 1.1/8 x 7	33,29	22,4	151	51	18,0	29,5	B3117	110,80
UNC 1.1/4 x 7	36,46	25,0	162	57	20,0	33,0	B3118	133,00
UNC 1.3/8 x 6	40,42	28,0	170	60	22,4	36,0	B3119	159,00
UNC 1.1/2 x 6	43,60	31,5	187	67	25,0	39,0	B3120	213,00

UNF	D1	D2	L1	L2	□		No.	€
UNF 3 x 56	3,10	4,00	53	13	3,15	2,6	B3150	58,07
UNF 4 x 48	3,53	4,00	53	13	3,15	3,0	B3151	9,60
UNF 5 x 44	4,33	4,50	53	13	3,55	3,3	B31511	9,90
UNF 6 x 40	4,33	4,5	53	13	3,55	3,7	B3152	9,60
UNF 8 x 36	5,08	5,6	62	17	4,5	4,4	B3153	9,60
UNF 10 x 32	5,86	6,3	66	19	5	5,1	B3154	9,60
UNF 1/4 x 28	7,53	8	73	30	6	6,6	B3155	6,30
UNF 5/16 x 24	9,31	9,6	78	33	7,2	8,2	B3156	7,00
UNF 3/8 x 24	10,9	8,1	80	36	6,1	9,8	B3157	7,20
UNF 7/16 x 20	12,76	9,25	84	43	6,9	11,5	B3158	9,60
UNF 1/2 x 20	14,35	10,8	91	43	8,1	13	B3159	10,90
UNF 9/16 x 18	16,12	12,5	104	29	10	14,8	B3160	18,40
UNF 5/8 x 18	17,71	14	104	29	11,2	16,3	B3161	22,70
UNF 3/4 x 16	21,11	14	104	29	11,2	19,5	B3162	27,79
UNF 7/8 x 14	24,58	18	120	35	14	22,8	B3163	40,08
UNF 1" x 12	28,15	20	127	37	16	26	B3164	40,08
UNF 1" x 14	27,8	20	127	37	16	26	B3165	40,61
UNF 1.1/8 x 12	31,32	22,4	137	37	18	29	B3166	113,00
UNF 1.1/4 x 12	34,5	25	144	39	20	32,5	B3167	136,00
UNF 1.3/8 x 12	37,68	28	150	39	22,4	35,5	B3168	162,50
UNF 1.1/2 x 12	40,85	28	150	39	22,4	38,5	B3169	217,50

BA	D1	D2	L1	L2	□		No.	€
BA 0	7,12	7,1	66	19	5,6	6,2	B3321	14,70
BA 1	6,33	6,3	66	19	5,0	5,5	B3322	76,65
BA 2	5,61	6,3	66	19	5,0	4,9	B3323	14,70
BA 3	4,92	5,0	58	16	4,0	4,2	B3324	94,50
BA 4	4,35	4,5	53	13	3,6	3,8	B3325	14,70
BA 5	3,87	4,0	53	13	3,2	3,3	B3326	94,50
BA 6	3,40	3,6	50	13	2,8	2,9	B3327	14,70

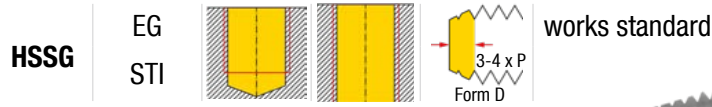
UNF	D1	D2	L1	L2	□		No.	€
G 1/8 x 28	10,82	8,0	59	15	6,3	10,0	B3311	9,30
G 1/4 x 19	14,74	11,2	67	19	9,0	13,5	B3312	11,80
G 3/8 x 19	18,25	14,0	75	21	11,2	17,0	B3313	15,30
G 1/2 x 14	23,09	16,0	87	26	12,5	21,5	B3314	24,90
G 5/8 x 14	25,05	18,0	91	26	14,0	23,5	B3315	36,70
G 3/4 x 14	28,59	20,0	96	28	16,0	27,0	B3316	36,70
G 7/8 x 14	32,35	22,4	102	29	18,0	30,5	B3318	110,90
G 1" x 11	35,96	25,0	109	33	20,0	33,5	B3317	58,40
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



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BSW	D1	D2	L1	L2			No.	€
BSW 1/8 x 40	3,93	4,0	53	13	3,15	3,40	B3201	9,00
BSW 3/16 x 24	6,01	6,3	56	19	6,00	5,10	B3202	9,00
BSW 1/4 x 20	7,84	8,0	72	22	7,20	6,70	B3203	9,00
BSW 5/16 x 18	9,59	10,0	80	24	6,90	8,30	B3204	10,00
BSW 3/8 x 16	11,39	8,0	85	25	8,10	9,90	B3205	10,35
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	15,70
BSW 9/16 x 12	16,76	12,5	102	32	10,00	14,80	B3208	26,05
BSW 5/8 x 11	18,57	14,0	112	37	11,20	16,70	B3209	32,20
BSW 11/16x11	20,20	14,0	112	37	11,20	18,50	B3210	39,20
BSW 3/4 x 10	22,02	16,0	118	38	12,50	20,00	B3211	39,20
BSW 7/8 x 9	25,52	18,0	130	45	14,00	23,00	B3212	56,60
BSW 1" x 8	29,10	20,0	138	48	16,00	26,50	B3213	56,60
BSW 1.1/8 x 7	32,80	22,4	151	51	18,00	29,50	B3214	470,40
BSW 1.1/4 x 7	35,97	25,0	162	57	20,00	33,00	B3215	600,60
BSW 1.3/8 x 6	39,88	28,0	170	60	22,40	36,00	B3216	761,25
BSW 1.1/2 x 6	43,02	31,5	187	67	25,00	39,00	B3217	780,68

BSF	D1	D2	L1	L2			No.	€
BSF 3/16 x 32	5,71	6,3	66	19	5,0	5,0	B3251	9,00
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	9,00
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	10,00
BSF 3/8 x 20	11,02	8,0	85	25	6,3	9,9	B3256	10,35
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	15,70
BSF 9/16 x 16	16,16	12,5	102	32	10,0	14,8	B3259	26,05
BSF 5/8 x 14	18,01	14,0	112	37	11,2	16,4	B3260	32,20
BSF 11/16x 14	19,60	14,0	112	37	11,2	18,0	B3261	39,20
BSF 3/4 x 12	21,53	16,0	118	38	12,5	19,5	B3262	39,20
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	56,60
BSF 1" x 10	28,38	20,0	138	48	16,0	26,5	B3265	56,60
BSF 1.1/8 x 9	31,88	22,4	137	37	18,0	29,5	B3265	56,60
BSF 1.1/4 x 9	35,06	25,0	144	39	20,0	32,5	B3266	720,62
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	14,39
BSB 5/16 x 26	9,1	10,0	76	20	8,0	8,2	B3342	15,54
BSB 3/8 x 26	10,7	8,0	82	22	6,3	9,8	B3343	16,28
BSB 7/16 x 26	12,3	9,0	84	24	7,1	11,5	B3344	21,74
BSB 1/2 x 26	13,9	11,2	90	25	9,0	12,8	B3345	24,68

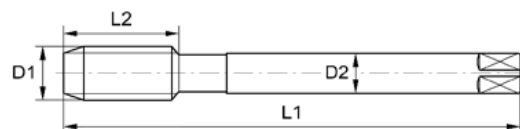
BSC	D1	D2	L1	L2			No.	€
BSC 5/16 x 26	9,1	10,0	76	20	8,0	8,2	B3331	76,13
BSC 3/8 x 26	10,7	8,0	82	22	6,3	9,8	B3332	108,15
BSC 7/16 x 26	12,3	9,0	84	24	7,1	11,5	B3333	132,20
BSC 1/2 x 26	13,9	11,2	90	25	9,0	12,8	B3334	170,10

special sizes	D1	D2	L1	L2			No.	€
UNEF 1/4 x 32	7,3	8,0	69	19	6,3	6,5	B3350	77,70
Harley 1/4 x 24	7,8	8,0	69	29	6,3	6,5	B3351	43,58
Harley 7/16 x 16	13,2	10,8	91	42	8,2	11,5	B3352	43,58
Cummins 11/16x16	14,0	11,2	37	14,0	18,0		B3353	290,22
Carburetor 7/8 x 20	18,0	12,0	35	14,0	22,5		B3354	380,31
Carburetor 1" x 20	20,0	12,7	37	16,0	26,0		B3355	480,38

NPT	D1	D2	L1	L2			No.	€
NPT 1/8 x 27		7	65	19	5,5	9,9	B3370	230,16
NPT 1/4 x 19		11	70	25	9,0	13,5	B3371	256,20
NPT 3/8 x 18		12	75	26	9,0	17,0	B3372	352,28
NPT 1/2 x 14		16	80	31	12,0	21,5	B3373	470,40
NPT 3/4 x 14		20	100	33	16,0	27,0	B3374	554,51
NPT 1" x 11,5		25	110	38	20,0	33,5	B3375	772,70

* prices on request

8 - UN	D1	D2	L1	L2			No.	€
1.1/8 x 8		20,0	138	59	16,0	28,5	B3360	110,80
1.1/4 x 8		22,4	151	51	18,0	32,0	B3361	132,93
1.3/8 x 8		25,0	162	57	20,0	35,0	B3362	158,95
1.1/2 x 8		28,0	170	60	22,4	38,0	B3363	212,85
1.5/8 x 8		28,0	170	60	22,4	41,0	B3364	222,50
1.3/4 x 8		31,5	187	67	25,0	44,5	B3365	323,50
1.7/8 x 8		31,5	187	67	25,0	47,5	B3366	323,50
2" x 8		35,5	200	70	28,0	51,0	B3367	642,30





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