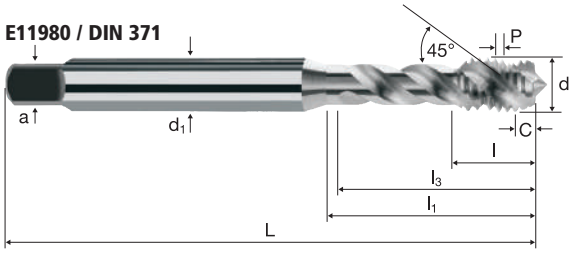
Taps for inserts

EG M	6H mod
60°	HSS-E Co5
DIN 371/376	
	Form C



Rm < 850			Al Aluminium > 99%	Al Aluminium Alloy	Al Aluminium Cast		Cu Copper	Plastic Thermoplast	GG(G)

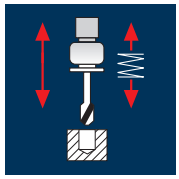
Example: Order-N°. Article-N°. **E11980** ø-Code **034**

Ø Code	d	P	L	l	l1	l3	d1	a			E11980	
034	EGM 2	0.40	50	9.0	15	13	2.8	2.1	3	2.15	●	
040	EGM 2.5	0.45	56	4.0	18	16	3.5	2.7	3	2.65	●	
044	EGM 3	0.50	63	5.6	21	19	4.5	3.0	3	3.15	●	
058	EGM 4	0.70	70	6.4	25	23	6.0	4.9	3	4.20	●	
084	EGM 5	0.80	80	8.0	30	28	6.0	4.9	3	5.25	●	
088	EGM 6	1.00	90	10.0	35	33	8.0	6.2	3	6.30	●	
160	EGM 8	1.25	100	12.0	39	37	10.0	8.0	3	8.40	●	

Example: Order-N°. Article-N°. **E11981** ø-Code **174**

Ø Code	d	P	L	l	l1	l3	d1	a			E11981	
174	EGM10	1.50	110	14.0	50	48	9.0	7.0	3	10.40	●	
240	EGM12	1.75	110	16.0	58	56	11.0	9.0	4	12.50	●	
244	EGM14	2.00	110	16.0	58	56	12.0	9.0	4	14.50	●	
246	EGM16	2.00	125	20.0	65	63	14.0	11.0	4	16.50	●	

Application



Material	EG-M	ø [mm]	P [mm]	v_c 1.0 x d	n [min⁻¹]	v_f [100%]	v_c 1.5 x d	n [min⁻¹]	v_f [100%]	v_c 2.0 x d	n [min⁻¹]	v_f [100%]
Steel < 500 N/mm²	EGM 2	2.520	0.40	11	1390	556	10	1265	506	8	1010	404
	EGM 2.5	3.084	0.45	11	1135	511	10	1030	464	8	825	371
	EGM 3	3.650	0.50	11	960	480	10	870	435	8	700	350
	EGM 4	4.910	0.70	11	715	500	10	650	455	8	520	364
	EGM 5	6.040	0.80	11	580	464	10	525	420	8	420	336
	EGM 6	7.300	1.00	11	480	480	10	435	435	8	350	350
	EGM 8	9.624	1.25	11	365	456	10	330	413	8	265	331
	EGM 10	11.948	1.50	11	295	443	10	265	398	8	215	323
	EGM 12	14.274	1.75	11	245	429	10	225	394	8	180	315
Steel < 500 N/mm²	EGM 14	16.598	2.00	11	210	420	10	190	380	8	155	310
	EGM 16	18.598	2.00	11	190	380	10	170	340	8	135	270
Steel 500 - 850 N/mm²	EGM 2	2.520	0.40	8	1010	404	7	885	354	6	760	304
	EGM 2.5	3.084	0.45	8	825	371	7	720	324	6	620	279
	EGM 3	3.650	0.50	8	700	350	7	610	305	6	525	263
	EGM 4	4.910	0.70	8	520	364	7	455	319	6	390	273
	EGM 5	6.040	0.80	8	420	336	7	370	296	6	315	252
	EGM 6	7.300	1.00	8	350	350	7	305	305	6	260	260
	EGM 8	9.624	1.25	8	265	331	7	230	288	6	200	250
	EGM 10	11.948	1.50	8	215	323	7	185	278	6	160	240
	EGM 12	14.274	1.75	8	180	315	7	155	271	6	135	236
Steel 500 - 850 N/mm²	EGM 14	16.598	2.00	8	155	310	7	135	270	6	115	230
	EGM 16	18.598	2.00	8	135	270	7	120	240	6	105	210

Material	EG-M	ø [mm]	P [mm]	v_c 1.0 x d	n [min⁻¹]	v_f [100%]	v_c 1.5 x d	n [min⁻¹]	v_f [100%]	v_c 2.0 x d	n [min⁻¹]	v_f [100%]
Wrought aluminium alloys Si < 6% hardened	EGM 2	2.520	0.40	7	885	354	6	760	304	6	760	304
	EGM 2.5	3.084	0.45	7	720	324	6	620	279	6	620	279
	EGM 3	3.650	0.50	7	610	305	6	525	263	6	525	263
	EGM 4	4.910	0.70	7	455	319	6	390	273	6	390	273
	EGM 5	6.040	0.80	7	370	296	6	315	252	6	315	252
	EGM 6	7.300	1.00	7	305	305	6	260	260	6	260	260
	EGM 8	9.624	1.25	7	230	288	6	200	250	6	200	250
	EGM 10	11.948	1.50	7	185	278	6	160	240	6	160	240
	EGM 12	14.274	1.75	7	155	271	6	135	236	6	135	236
Wrought aluminium alloys Si < 6% hardened	EGM 14	16.598	2.00	7	135	270	6	115	230	6	115	230
	EGM 16	18.598	2.00	7	120	240	6	105	210	6	105	210
Unalloyed copper	EGM 2	2.520	0.40	10	1265	506	9	1135	454	8	1010	404
	EGM 2.5	3.084	0.45	10	1030	464	9	930	419	8	825	371
	EGM 3	3.650	0.50	10	870	435	9	785	393	8	700	350
	EGM 4	4.910	0.70	10	650	455	9	585	410	8	520	364
	EGM 5	6.040	0.80	10	525	420	9	475	380	8	420	336
	EGM 6	7.300	1.00	10	435	435	9	390	390	8	350	350
	EGM 8	9.624	1.25	10	330	413	9	300	375	8	265	331
	EGM 10	11.948	1.50	10	265	398	9	240	360	8	215	323
	EGM 12	14.274	1.75	10	225	394	9	200	350	8	180	315
Unalloyed copper	EGM 14	16.598	2.00	10	190	380	9	175	350	8	155	310
	EGM 16	18.598	2.00	10	170	340	9	155	310	8	135	270