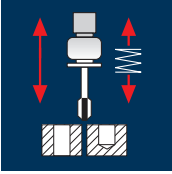


Application



Material

Unalloyed aluminium

Wrought aluminium alloys Si < 6% not hardened

Unalloyed copper



Non ferrous metal $A_5 > 15\%$



EG-M	ø [mm]	P [mm]	$1.5 \times d$			$2.0 \times d$			$3.0 \times d$		
			v_c [min ⁻¹]	n [100%]	v_f [100%]	v_c [min ⁻¹]	n [100%]	v_f [100%]	v_c [min ⁻¹]	n [100%]	v_f [100%]
EGM 3	3.650	0.50	25	2180	1090	20	1745	873	15	1310	655
EGM 4	4.910	0.70	25	1620	1134	20	1295	906	15	970	679
EGM 5	6.040	0.80	25	1320	1056	20	1055	844	15	790	632
EGM 6	7.300	1.00	25	1090	1090	20	870	870	15	655	655
EGM 8	9.624	1.25	25	825	1031	20	660	825	15	495	619
EGM 10	11.948	1.50	25	665	998	20	535	803	15	400	600
EGM 12	14.274	1.75	25	555	971	20	445	779	15	335	586
EGM 3	3.650	0.50	30	2615	1308	25	2180	1090	20	1745	873
EGM 4	4.910	0.70	30	1945	1362	25	1620	1134	20	1295	906
EGM 5	6.040	0.80	30	1580	1264	25	1320	1056	20	1055	844
EGM 6	7.300	1.00	30	1310	1310	25	1090	1090	20	870	870
EGM 8	9.624	1.25	30	990	1238	25	825	1031	20	660	825
EGM 10	11.948	1.50	30	800	1200	25	665	998	20	535	803
EGM 12	14.274	1.75	30	670	1173	25	555	971	20	445	779
EGM 3	3.650	0.50	15	1310	655	10	870	435	10	870	435
EGM 4	4.910	0.70	15	970	679	10	650	455	10	650	455
EGM 5	6.040	0.80	15	790	632	10	525	420	10	525	420
EGM 6	7.300	1.00	15	655	655	10	435	435	10	435	435
EGM 8	9.624	1.25	15	495	619	10	330	413	10	330	413
EGM 10	11.948	1.50	15	400	600	10	265	398	10	265	398
EGM 12	14.274	1.75	15	335	586	10	225	394	10	225	394
EGM 3	3.650	0.50	15	1310	655	10	870	435	10	870	435
EGM 4	4.910	0.70	15	970	679	10	650	455	10	650	455
EGM 5	6.040	0.80	15	790	632	10	525	420	10	525	420
EGM 6	7.300	1.00	15	655	655	10	435	435	10	435	435
EGM 8	9.624	1.25	15	495	619	10	330	413	10	330	413
EGM 10	11.948	1.50	15	400	600	10	265	398	10	265	398
EGM 12	14.274	1.75	15	335	586	10	225	394	10	225	394

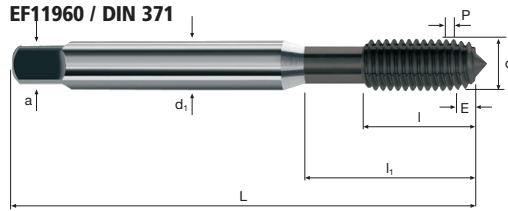
Cold forming taps for inserts



EG M **6H mod**

HSS PM/F

Form E



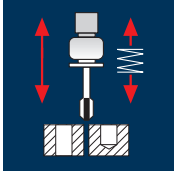
Al Aluminium > 99% **Al** Aluminium Alloy **Cu** Copper **CuZn Brass**

Example: Order-N°: EF11960 .044										F-DLC
∅ Code	d	P	L	l	l ₁	d ₁	a			EF11960
.044	EGM 3	0.50	63	13	21	4.5	3.4	3	3.40	•
.058	EGM 4	0.70	70	15	25	6.0	4.9	4	4.60	•
.084	EGM 5	0.80	80	17	30	6.0	4.9	4	5.70	•
.088	EGM 6	1.00	90	20	35	8.0	6.2	4	6.80	•
.160	EGM 8	1.25	100	22	39	10.0	8.0	4	9.00	•

Example: Order-N°: EF11961 .174										F-DLC
∅ Code	d	P	L	l	l ₁	d ₁	a			EF11961
.174	EGM10	1.50	110	25	50	9.0	7.0	5	11.20	•
.240	EGM12	1.75	110	26	58	11.0	9.0	5	13.40	•

CF

Application



Material

Steel
< 850 N/mm²
A₅ > 10%



Steel
850 - 1100 N/mm²
A₅ > 10%



Stainless steel
ferritic/martensitic
A₅ > 10%



Stainless steel
[Cr-Ni/1.4301]

EG-M	ø [mm]	P [mm]	1.5 x d			2.0 x d			3.0 x d		
			v _c [min ⁻¹]	n [100%]	v _f [100%]	v _c [min ⁻¹]	n [100%]	v _f [100%]	v _c [min ⁻¹]	n [100%]	v _f [100%]
EGM 3	3.650	0.50	20	1745	873	15	1310	655	10	870	435
EGM 4	4.910	0.70	20	1295	906	15	970	679	10	650	455
EGM 5	6.040	0.80	20	1055	844	15	790	632	10	525	420
EGM 6	7.300	1.00	20	870	870	15	655	655	10	435	435
EGM 8	9.624	1.25	20	660	825	15	495	619	10	330	413
EGM 10	11.948	1.50	20	535	803	15	400	600	10	265	398
EGM 12	14.274	1.75	20	445	779	15	335	586	10	225	394
EGM 3	3.650	0.50	15	1310	655	10	870	435			
EGM 4	4.910	0.70	15	970	679	10	650	455			
EGM 5	6.040	0.80	15	790	632	10	525	420			
EGM 6	7.300	1.00	15	655	655	10	435	435			
EGM 8	9.624	1.25	15	495	619	10	330	413			
EGM 10	11.948	1.50	15	400	600	10	265	398			
EGM 12	14.274	1.75	15	335	586	10	225	394			
EGM 3	3.650	0.50	15	1310	655	10	870	435			
EGM 4	4.910	0.70	15	970	679	10	650	455			
EGM 5	6.040	0.80	15	790	632	10	525	420			
EGM 6	7.300	1.00	15	655	655	10	435	435			
EGM 8	9.624	1.25	15	495	619	10	330	413			
EGM 10	11.948	1.50	15	400	600	10	265	398			
EGM 12	14.274	1.75	15	335	586	10	225	394			

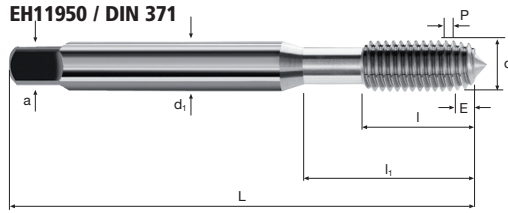
Cold forming taps for inserts



EG M **6H mod**

HSS PM/F

Form E



Rm < 850 **Rm** 850-1100 **Inox** Stainless

Example: Order-N° EH11950 .044										TiCN
										EH11950
Ø Code	d	P	L	l	l ₁	d ₁	a			
.044	EGM 3	0.50	63	13	21	4.5	3.4	3	3.40	●
.058	EGM 4	0.70	70	15	25	6.0	4.9	4	4.60	●
.084	EGM 5	0.80	80	17	30	6.0	4.9	5	5.70	●
.088	EGM 6	1.00	90	20	35	8.0	6.2	5	6.80	●
.160	EGM 8	1.25	100	22	39	10.0	8.0	5	9.00	●

Example: Order-N° EH11951 .174										TiCN
										EH11951
Ø Code	d	P	L	l	l ₁	d ₁	a			
.174	EGM10	1.50	110	25	40	9.0	7.0	7	11.20	●
.240	EGM12	1.75	110	28	40	11.0	9.0	7	13.40	●

CF