

Unified pipe thread conical NPTF

NPTF

N° E11846



**HSS-E
Co5**

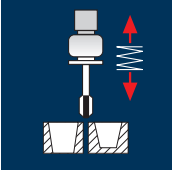


**Rm
<850**

337

NPTF

Application



Material

Steel
 < 500 N/mm²



Steel
 500 - 850 N/mm²



Steel
 850 - 1100 N/mm²



Wrought aluminium
 alloys Si < 6%
 hardened



NPTF	ø [mm]	P [mm]	v _c	n [min ⁻¹]	v _f [100%]	
1/16	-27	6.25	0.941	8	405	381
1/8	-27	8.50	0.941	8	300	282
1/4	-18	11.10	1.411	8	230	325
3/8	-18	14.70	1.411	8	175	247
1/2	-14	18.00	1.814	8	140	254
3/4	-14	23.25	1.814	8	110	200
1"	-11.5	29.25	2.209	8	85	188

1/16	-27	6.25	0.941	6	305	287
1/8	-27	8.50	0.941	6	225	212
1/4	-18	11.10	1.411	6	170	240
3/8	-18	14.70	1.411	6	130	183
1/2	-14	18.00	1.814	6	105	190
3/4	-14	23.25	1.814	6	80	145
1"	-11.5	29.25	2.209	6	65	144

1/16	-27	6.25	0.941	5	255	240
1/8	-27	8.50	0.941	5	185	174
1/4	-18	11.10	1.411	5	145	205
3/8	-18	14.70	1.411	5	110	155
1/2	-14	18.00	1.814	5	90	163
3/4	-14	23.25	1.814	5	70	127
1"	-11.5	29.25	2.209	5	55	121

1/16	-27	6.25	0.941	10	510	480
1/8	-27	8.50	0.941	10	375	353
1/4	-18	11.10	1.411	10	285	402
3/8	-18	14.70	1.411	10	215	303
1/2	-14	18.00	1.814	10	175	317
3/4	-14	23.25	1.814	10	135	245
1"	-11.5	29.25	2.209	10	110	243

Material

Cast iron
 GG(G)



NPTF	ø [mm]	P [mm]	v _c	n [min ⁻¹]	v _f [100%]	
1/16	-27	6.25	0.941	6	305	287
1/8	-27	8.50	0.941	6	225	212
1/4	-18	11.10	1.411	6	170	240
3/8	-18	14.70	1.411	6	130	183
1/2	-14	18.00	1.814	6	105	190
3/4	-14	23.25	1.814	6	80	145
1"	-11.5	29.25	2.209	6	65	144

Taps

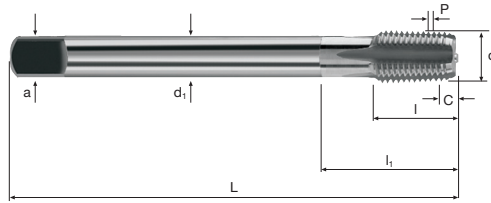


NPTF

HSS-E Co5

DIN 374

Form C



Rm < 850 **Rm 850-1100** **GG(G) Aluminium Copper**

Example: Order-N°.										E11846	
Article-N°: E11846 ø-Code: .840											
Ø Code	d	P(TPI)	L	l	l ₁	d ₁	a				
.840	1/16	-27	80	17.5	27	7	5.5	3		●	
.841	1/8	-27	90	19.0	30	8	6.2	4		●	
.842	1/4	-18	100	27.0	40	11	9.0	4		●	
.843	3/8	-18	110	27.0	40	14	11.0	4		●	
.844	1/2	-14	125	35.0	48	18	14.5	5		●	
.845	3/4	-14	140	35.0	50	20	16.0	5		●	
.846	1"	-11.5	170	44.5	60	28	22.0	5		●	

NPT NPTF