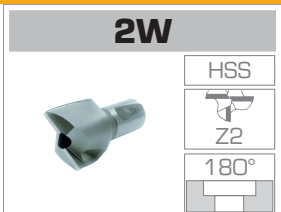


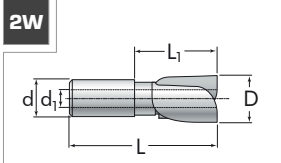
**FRESE E SVASATORI / Counterbores and Countersinks**



Ø k7	CODICE	PREZZO €
16.0	12.09.160	83,45
16.5	12.09.165	107,80
17.0	12.09.170	83,45
17.5	12.09.175	107,80
18.0	12.09.180	83,45
18.5	12.09.185	109,55
19.0	12.09.190	85,25
19.5	12.09.195	109,55
20.0	12.09.200	85,25
20.5	12.09.205	109,55
21.0	12.09.210	85,25
21.5	12.09.215	110,25
22.0	12.09.220	85,90
22.5	12.09.225	114,50
23.0	12.09.230	90,15
23.5	12.09.235	115,15
24.0	12.09.240	90,85
24.5	12.09.245	123,35
25.0	12.09.250	99,05
25.5	12.09.255	124,25
26.0	12.09.260	99,85
26.5	12.09.265	127,60
27.0	12.09.270	103,20
27.5	12.09.275	130,75
28.0	12.09.280	106,50
28.5	12.09.285	134,90
29.0	12.09.290	110,60
29.5	12.09.295	135,60
30.0	12.09.300	111,30
30.5	12.09.305	142,15
31.0	12.09.310	117,80
32.0	12.09.320	121,15
33.0	12.09.330	121,95
34.0	12.09.340	125,05
35.0	12.09.350	130,00
36.0	12.09.360	133,50
37.0	12.09.370	145,70
38.0	12.09.380	146,45
39.0	12.09.390	153,40
40.0	12.09.400	154,75
41.0	12.09.410	161,05
42.0	12.09.420	164,00
43.0	12.09.430	182,50
44.0	12.09.440	184,10
45.0	12.09.450	185,50
46.0	12.09.460	190,00
47.0	12.09.470	202,30
48.0	12.09.480	205,40
49.0	12.09.490	215,70



Ø k7	CODICE	PREZZO €
16.0	12.10.160	94,80
17.0	12.10.170	119,10
18.0	12.10.180	94,80
19.0	12.10.190	120,75
20.0	12.10.200	96,45
21.0	12.10.210	124,85
22.0	12.10.220	100,50
23.0	12.10.230	125,65
24.0	12.10.240	101,35
25.0	12.10.250	133,85
26.0	12.10.260	109,55
27.0	12.10.270	149,15
28.0	12.10.280	124,85
29.0	12.10.290	152,95
30.0	12.10.300	128,65
31.0	12.10.310	157,30
32.0	12.10.320	132,95
33.0	12.10.330	166,20
34.0	12.10.340	141,90
35.0	12.10.350	173,45
36.0	12.10.360	149,15
37.0	12.10.370	177,70
38.0	12.10.380	153,40
40.0	12.10.400	157,85



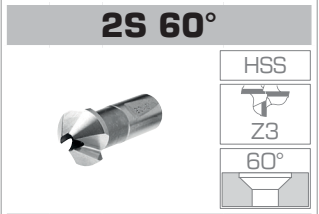
D (k7)	L1	L	d	d1
16 ÷ 30	31			
31 ÷ 40	34	61	22	10

D (k7)	L1	L	d	d1
16 ÷ 30	31			
31 ÷ 49	34	61	22	10
50 ÷ 85	35			



Min. Guida	Ø k7	CODICE	PREZZO €
11.0	20.5	12.12.205	96,50
11.0	25.0	12.12.250	101,10
11.0	28.0	12.12.280	115,80
11.0	31.0	12.12.310	119,65
11.0	34.0	12.12.340	125,75
11.0	37.0	12.12.370	136,50
11.0	40.0	12.12.400	144,65

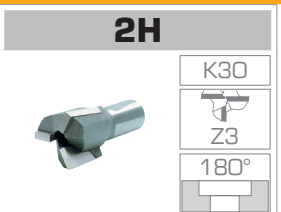
Min. Guida	Ø k7	CODICE	PREZZO €
11.0	50.0	12.12.500	235,75
22.0	63.0	12.12.630	271,45
34.0	75.0	12.12.750	365,85
59.0	100	12.12.100	686,85



Min. Guida	Ø k7	CODICE	PREZZO €
11.0	25.0	12.13.250	101,15
11.0	31.0	12.13.310	115,80
18.0	37.0	12.13.370	130,30

Min. Guida	Ø k7	CODICE	PREZZO €
25.5	50.0	12.13.500	245,85
51	75.0	12.13.750	365,75

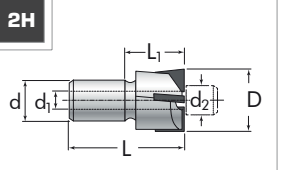
D (k7)	L1	L	d	d1	d2
20,5 ÷ 31	31				
31 ÷ 34	34	61	22	10	min Guida
50 ÷ 100	35				



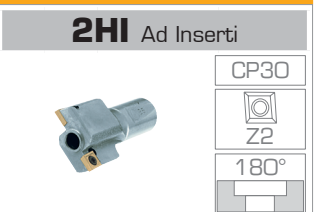
Ø k7	CODICE	PREZZO €
18.0	12.11.180	189,85
19.0	12.11.190	165,55
20.0	12.11.200	171,55
21.0	12.11.210	195,75
22.0	12.11.220	171,45
23.0	12.11.230	195,75
24.0	12.11.240	171,45
25.0	12.11.250	177,75
26.0	12.11.260	182,25
27.0	12.11.270	206,55
28.0	12.11.280	182,25
29.0	12.11.290	218,70
30.0	12.11.300	194,40
31.0	12.11.310	224,70
32.0	12.11.320	200,40
33.0	12.11.330	200,40
34.0	12.11.340	206,50
35.0	12.11.350	210,95
36.0	12.11.360	215,70
37.0	12.11.370	255,10
38.0	12.11.380	230,80
39.0	12.11.390	259,75
40.0	12.11.400	235,35
41.0	12.11.410	274,90
42.0	12.11.420	250,55
43.0	12.11.430	300,70
44.0	12.11.440	276,45
45.0	12.11.450	276,45
46.0	12.11.460	283,90
47.0	12.11.470	318,90
48.0	12.11.480	294,55
49.0	12.11.490	335,85

**IMPORTANTE / Important**  
GUIDA Minima / Min. Pilot  
Ø 12,0

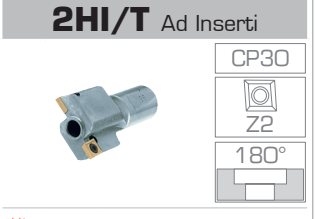
Ø k7	2H/T	PREZZO €
50.0	12.11.500	368,95
51.0	12.11.510	408,45
52.0	12.11.520	378,10
53.0	12.11.530	426,65
54.0	12.11.540	396,25
55.0	12.11.550	504,60
56.0	12.11.560	457,05
57.0	12.11.570	461,55
58.0	12.11.580	431,15
60.0	12.11.600	496,50
62.0	12.11.620	466,10
64.0	12.11.640	577,40
65.0	12.11.650	664,30
66.0	12.11.660	633,95
68.0	12.11.680	528,30
70.0	12.11.700	627,05
72.0	12.11.720	596,65
74.0	12.11.740	656,85
75.0	12.11.750	626,40
76.0	12.11.760	674,05
78.0	12.11.780	643,65
80.0	12.11.800	760,40
82.0	12.11.820	730,00
84.0	12.11.840	854,55
85.0	12.11.850	824,20



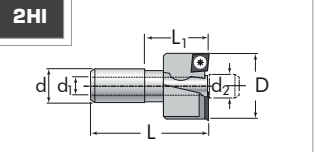
D (k7)	L1	L	d	d1	d2
18 ÷ 30	31				
31 ÷ 49	34	61	22	10	min 12
50 ÷ 85	35				



Min. Guida	Ø	CODICE	PREZZO €
17.0	34.0	12.17.340	337,10
18.0	35.0	12.17.350	337,10
19.0	36.0	12.17.360	337,10
21.0	38.0	12.17.380	337,10
23.0	40.0	12.17.400	337,10
19.0	42.0	12.17.420	358,55
20.0	43.0	12.17.430	401,40
21.0	44.0	12.17.440	401,40
22.0	45.0	12.17.450	358,55
23.0	46.0	12.17.460	365,00
25.0	48.0	12.17.480	367,05



Min. Guida	Ø	CODICE	PREZZO €
27.0	50.0	12.17.500	390,60
29.0	52.0	12.17.520	500,85
30.0	53.0	12.17.530	455,95
31.0	54.0	12.17.540	500,85
32.0	55.0	12.17.550	500,85
34.0	57.0	12.17.570	455,95
37.0	60.0	12.17.600	455,95



D (k7)	L1	L	d	d1	d2
34 ÷ 48	34	61	22	10	min Guida
50 ÷ 60	35				

**INSERTI/Inserts**

ISO MCMT  
TIN CP30

Ø Fresa	CODICE	PREZZO €
34 ÷ 40	12.19.095	15,75
42 ÷ 60	12.19.127	22,50

**VITI/Screws**

TORX

Ø Fresa	CODICE	PREZZO €
34 ÷ 40	12.20.095	7,80
42 ÷ 60	12.20.127	8,85

**CHIAVI/Screwdrivers**

TORX

Torx	CODICE	PREZZO €
T15	12.21.095	14,00
T20	12.21.127	15,25

**IMPORTANTE / Important**

Frese 2N/T, 2H/T, 2HI/T e 2S/T a partire dal Ø 50,0 sono dotate di dente di trascinamento. Queste misure DEVONO essere utilizzate con gli appositi mandrini tipo 2A/T, 2AF/T, 2D/T

Counterbores type 2N/T, 2H/T, 2S/T and 2HI/T Ø 50,0 and larger, are all made with a driving lip. These sizes should be used in the appropriate tool holder type 2A/T, 2AF/T, 2D/T

● Misura Standard / Standard Size  
○ Misura Semi-Standard (A Richiesta) / Size on demand