

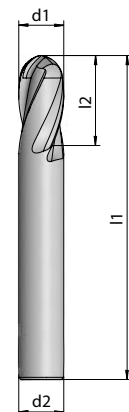
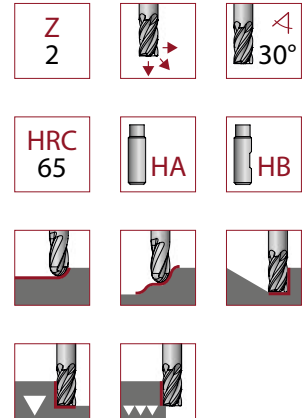
BALL END MILLS

K 1150

Short version					
Article no.	d1	d2	l1	l2	Euro
11500301	3	4	50	5	37,00
11500401	4	4	50	6	37,00
11500501	5	5	57	8	37,00
11500601	6	6	57	9	43,00
11500801	8	8	63	12	61,00
11501001	10	10	72	15	83,00
11501201	12	12	83	18	104,00
11501601	16	16	92	24	168,00
11502001	20	20	104	30	238,00

Long version					
Article no.	d1	d2	l1	l2	Euro
11500300	3	4	78	5	38,00
11500400	4	4	78	6	38,00
11500500	5	5	78	8	38,00
11500600	6	6	98	9	44,00
11500800	8	8	98	12	62,00
11501000	10	10	98	15	85,00
11501200	12	12	118	18	106,00
11501600	16	16	152	24	170,00
11502000	20	20	152	30	242,00

From shaft \varnothing 6 mm add abbreviation HB for Weldon.
 Example 11500301 becomes 11500301HB



Ball track milling	$a_p \times a_e = 0.3d \times 0.3d$
Copy milling	$a_p \times a_e = 0.65d \times 1d$



Cutting data for short version		Ball track	Copy
Material	N/mm ²	v _c m/min	
P Gen. structural/ case hard. steels 1.0037 1.0570 1.0503 1.7131 Tool/ tempering steels 1.2367 1.2379 1.7225 Alloyed/ cold work steels 1.2312 1.2767 1.3505 1.7707	< 800	150	120
	< 1100	110	90
	< 1400	90	80
K Cast iron GG25 GG40 GGG40 Spherical cast iron GGG50 GGG60 GGG70	< 450	100-180	100-160
	< 650	80-130	80-130
H Hardened steel HRC 45–50 Hardened steel HRC 51–58 Hardened steel HRC 59–65	–	130	130
	–	100	100
	–	60	60

	Ball track	Copy
d1	fz mm	
3	0.050	0.020
4	0.060	0.025
5	0.065	0.035
6	0.070	0.040
8	0.080	0.045
10	0.085	0.050
12	0.085	0.070
16	0.085	0.070
20	0.085	0.070