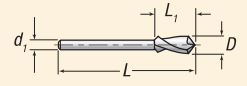




Ø mm	Insert drills			Pilots		
	B	LB	BH	F	R/RS**	
	HSS	HSS	Carbide K20 micrograin	Fixed	Roller	
	Tol.h8 Flute 30 mm	Tol.h8 Flute 50 mm	Tol.h8 Flute 40 mm	Tol. c9	Tol. c9	
Part No.	Part No.	Part No.	Part No.	Part No.		
10,0	* Not to be used with carbide cutters.			2F-10,0*	2R-10,0*	
10,2				2F-10,2*	2R-10,2*	
10,5				2F-10,5*	2R-10,5*	
11,0	2B-11,0*	2LB-11,0*	2BH-11,0*	2F-11,0*	2R-11,0*	
11,5	2B-11,5*	2LB-11,5*	2BH-11,5*	2F-11,5*	2R-11,5*	
11,6	2B-11,6*					
12,0	2B-12,0	2LB-12,0	2BH-12,0	2F-12,0	2R-12,0	
12,2	2B-12,2					
12,5	2B-12,5	2LB-12,5	2BH-12,5	2F-12,5	2R-12,5	
13,0	2B-13,0	2LB-13,0	2BH-13,0	2F-13,0	2R-13,0	
13,5	2B-13,5	2LB-13,5	2BH-13,5	2F-13,5	2R-13,5	
14,0	2B-14,0	2LB-14,0	2BH-14,0	2F-14,0	2R-14,0	
14,5	2B-14,5	2LB-14,5	2BH-14,5	2F-14,5	2R-14,5	
15,0	2B-15,0	2LB-15,0	2BH-15,0	2F-15,0	2R-15,0	
15,1	2B-15,1					
15,5	2B-15,5	2LB-15,5	2BH-15,5	2F-15,5	2R-15,5	
16,0	2B-16,0	2LB-16,0	2BH-16,0	2F-16,0	2R-16,0	
16,5	2B-16,5	2LB-16,5	2BH-16,5	2F-16,5	2R-16,5	
17,0	2B-17,0	2LB-17,0	2BH-17,0	2F-17,0	2R-17,0	
17,5	2B-17,5	2LB-17,5		2F-17,5	2R-17,5	
18,0	2B-18,0	2LB-18,0	2BH-18,0	2F-18,0	2R-18,0	
18,5	2B-18,5	2LB-18,5		2F-18,5	2R-18,5	
19,0	2B-19,0	2LB-19,0	2BH-19,0	2F-19,0	2R-19,0	
19,5	2B-19,5			2F-19,5	2R-19,5	
20,0	2B-20,0	2LB-20,0	2BH-20,0	2F-20,0	2R-20,0	
20,5				2F-20,5	2R-20,5	
21,0	2B-21,0	2LB-21,0	2BH-21,0	2F-21,0	2R-21,0	
21,5				2F-21,5	2R-21,5	
22,0	2B-22,0	2LB-22,0		2F-22,0	2R-22,0	
22,5				2F-22,5	2R-22,5	
23,0	2B-23,0			2F-23,0	2R-23,0	
23,5				2F-23,5		
24,0	2B-24,0			2F-24,0	2R-24,0	
24,5				2F-24,5	2R-24,5	
25,0	2B-25,0	2LB-25,0		2F-25,0	2R-25,0	
25,5				2F-25,5	2R-25,5	
26,0				2F-26,0	2R-26,0	
26,5				2F-26,5	2R-26,5	
27,0				2F-27,0	2R-27,0	
27,5					2R-27,5	
28,0				2F-28,0	2R-28,0	
29,0				2F-29,0	2R-29,0	
30,0				2F-30,0	2R-30,0	
30,5					2R-30,5	
31,0					2R-31,0	
32,0					2R-32,0	
33,0					2R-33,0	
34,0	B, BH	10,0	125,0	30,0	15,0	2R-34,0
35,0	LB	10,0	145,0	50,0	15,0	2R-35,0
36,0						2R-36,0
37,0						2R-37,0
38,0						2R-38,0
39,0						2R-39,0
40,0						2R-40,0
42,0						2R-42,0
44,0						2R-44,0
45,0						2R-45,0
46,0						2R-46,0
48,0						2R-48,0
50,0						2R-50,0

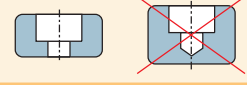
**B, LB and BH**



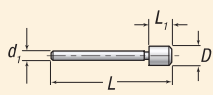
Type	d <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>
B, BH	10,0	125,0	30,0	15,0
LB	10,0	145,0	50,0	15,0

**Important!**

It is important to note that when combining insert drills with countersinks, the drill must break through the work piece before secondary cutting commences and must not be used in blind holes.



**F and R/RS**



Type	d <sub>1</sub>	L	L <sub>1</sub>
F, R	10,0	110,0	20,0

**Important!**

When working "dry" type R roller pilots must be lubricated.  
 \*\* Pilots type RS must be combined with holders type AS.