



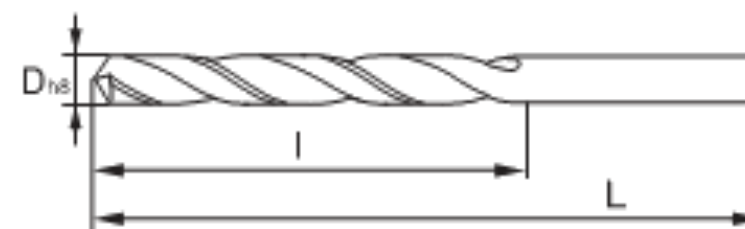
ITEM: A1330

Geometry Parabolic flute design with wide flutes to provide optimal chip evacuation, self centering point geometry

Point angle 130°

Surface treatment TiAlN

Application Especially indicated for long chip materials with $R \leq 1000 \text{ N/mm}^2$, aluminum and copper alloys, soft bronze, electrolyte copper and tough brass.



< 500	< 850	< 1200	< 600	< 850	Duplex	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○	●	○				○	○	●	●				

DRILL DIN 340

A1330	Tech. Code		D mm	I mm	L mm	
HELI X FS/R	A13303		3.00	66	100	1
	A13303,3		3.30	69	106	
	A13303,5		3.50	73	112	
	A13304		4.00	78	119	
	A13304,2		4.20			
	A13304,5		4.50	82	126	
	A13305		5.00	87	132	
	A13305,5		5.50	91	139	
	A13306		6.00			
	A13306,5		6.50	97	148	
	A13306,8		6.80	102	156	
	A13307		7.00			
	A13307,5		7.50			
	A13308		8.00	109	165	

A1330	Tech. Code		D mm	I mm	L mm	
HELI X FS/R	A13308,5		8.50	109	165	1
	A13309		9.00	115	175	
	A13309,5		9.50			
	A133010		10.00	121	184	
	A133010,2		10.20			
	A133010,5		10.50			
	A133011		11.00	128	195	
	A133011,5		11.50			
	A133012		12.00	134	205	
	A133012,5		12.50			
	A133013		13.00			
	A133013,5		13.50	140	214	
	A133014		14.00			

KERFOLG DRILLS - EXTRA-LONG SERIES



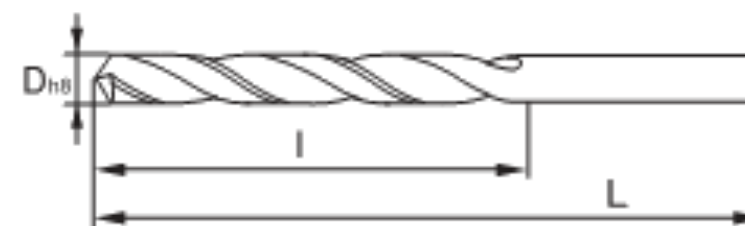
ITEM: A1340

Geometry Right-hand parabolic flute

Point angle 130°

Surface treatment Bright

Application Steel and cast iron. Deep hole drilling and drilling with bit drive bush.



< 500	< 850	< 1200	< 600	< 850	Duplex	< 240	< 300	< 10% Si	> 10% Si	Brass Copper	Bronze >700	Ti6Al4V	HTA	< 45	< 60
●	●	○	○			●	○	○							

DRILL DIN 1869/1

A1340	Tech. Code		D mm	I mm	L mm	
HELI X S/R	A13402		2.00	85	125	1
	A13402,5		2.50	95	140	
	A13403		3.00	100	150	
	A13403,5		3.50	115	165	
	A13404		4.00	120	175	
	A13404,5		4.50	125	185	
	A13405		5.00	135	195	
	A13405,5		5.50	140	205	
	A13406		6.00			
	A13406,5		6.50	150	215	
	A13407		7.00	155	225	
	A13407,5		7.50			

A1340	Tech. Code		D mm	I mm	L mm	
HELIX S/R	A13408		8.00	165	240	1
	A13408,5		8.50			
	A13409		9.00	175	250	
	A13409,5		9.50			
	A134010		10.00	185	265	
	A134010,5		10.50			
	A134011		11.00	195	280	
	A134011,5		11.50			
	A134012		12.00	205	295	
	A134012,5		12.50			
	A134013		13.00			