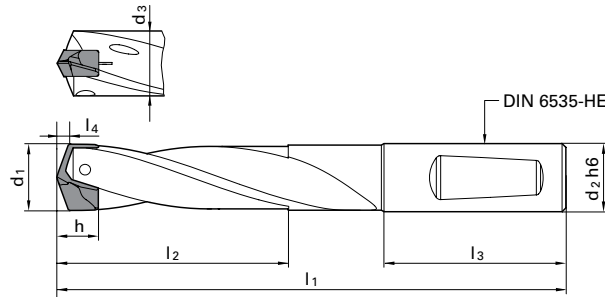


HT 800 WP Interchangeable Insert Drills

Holders for drilling - Series 4106 (1.5xD), 4107 (3xD) and 4108 (5xD) Tool steel, coolant fed, nickel plated



③ *l1 dimensions listed include insert series 4112, 4113, 4114, and 4115 only. Pilot insert series 4111 has different h and l4 dimensions

Holder Size	d1 Insert Range mm	d2		d3 mm	l3 mm	Series 4106 (1.5xD)			Series 4107 (3xD)			Series 4108 (5xD)		
		mm	in			EDP No.	l1* mm	l2 mm	EDP No.	l1* mm	l2 mm	EDP No.	l1* mm	l2 mm
110	11.00-11.49	12.00		10.70	45.00	9041060110000	84.00	19.30	9041070110000	101.00	36.60	9041080110000	124.00	59.60
	11.00-11.49	12.70	1/2	10.70	45.00	9041060110050			9041070110050			9041080110050		
115	11.50-11.99	12.00		11.20	45.00	9041060115000	85.00	20.10	9041070115000	103.00	38.10	9041080115000	127.00	62.10
	11.50-11.99	12.70	1/2	11.20	45.00	9041060115050			9041070115050			9041080115050		
120	12.00-12.49	12.00		11.70	45.00	9041060120000	87.00	21.00	9041070120000	106.00	39.70	9041080120000	131.00	64.70
	12.00-12.49	12.70	1/2	11.70	45.00	9041060120050			9041070120050			9041080120050		
125	12.50-12.99	14.00		12.20	45.00	9041060125000	89.00	21.90	9041070125000	108.00	41.30	9041080125000	134.00	67.30
	12.50-12.99	15.875	5/8	12.20	45.00	9041060125050			9041070125050			9041080125050		
130	13.00-13.49	14.00		12.70	45.00	9041060130000	90.00	22.60	9041070130000	110.00	42.90	9041080130000	137.00	69.90
	13.00-13.49	15.875	5/8	12.70	45.00	9041060130050			9041070130050			9041080130050		
135	13.50-13.99	14.00		13.20	45.00	9041060135000	92.00	23.60	9041070135000	113.00	44.60	9041080135000	141.00	72.60
	13.50-13.99	15.875	5/8	13.20	45.00	9041060135050			9041070135050			9041080135050		
140	14.00-14.49	14.00		13.70	45.00	9041060140000	93.00	24.50	9041070140000	115.00	46.20	9041080140000	144.00	75.20
	14.00-14.49	15.875	5/8	13.70	45.00	9041060140050			9041070140050			9041080140050		
145	14.50-14.99	16.00		14.20	48.00	9041060145000	98.00	25.30	9041070145000	120.00	47.80	9041080145000	150.00	77.80
	14.50-14.99	15.875	5/8	14.20	48.00	9041060145050			9041070145050			9041080145050		
150	15.00-15.49	16.00		14.70	48.00	9041060150000	100.00	26.10	9041070150000	123.00	49.30	9041080150000	154.00	80.30
	15.00-15.49	15.875	5/8	14.70	48.00	9041060150050			9041070150050			9041080150050		
155	15.50-15.99	16.00		15.20	48.00	9041060155000	101.00	27.00	9041070155000	125.00	50.90	9041080155000	157.00	82.90
	15.50-15.99	15.875	5/8	15.20	48.00	9041060155050			9041070155050			9041080155050		
160	16.00-16.49	16.00		15.70	48.00	9041060160000	102.00	27.80	9041070160000	127.00	52.90	9041080160000	160.00	85.90
	16.00-16.49	15.875	5/8	15.70	48.00	9041060160050			9041070160050			9041080160050		
165	16.50-16.99	18.00		16.20	48.00	9041060165000	105.00	28.70	9041070165000	130.00	54.10	9041080165000	164.00	88.10
	16.50-16.99	19.05	3/4	16.20	48.00	9041060165050			9041070165050			9041080165050		
170	17.00-17.49	18.00		16.70	48.00	9041060170000	106.00	29.60	9041070170000	132.00	55.80	9041080170000	167.00	90.80
	17.00-17.49	19.05	3/4	16.70	48.00	9041060170050			9041070170050			9041080170050		
175	17.50-17.99	18.00		17.20	48.00	9041060175000	107.00	30.40	9041070175000	134.00	57.40	9041080175000	170.00	93.40
	17.50-17.99	19.05	3/4	17.20	48.00	9041060175050			9041070175050			9041080175050		
180	18.00-18.49	18.00		17.70	48.00	9041060180000	109.00	31.20	9041070180000	137.00	58.90	9041080180000	174.00	95.90
	18.00-18.49	19.05	3/4	17.70	48.00	9041060180050			9041070180050			9041080180050		
185	18.50-18.99	20.00		18.20	50.00	9041060185000	113.00	32.10	9041070185000	141.00	60.50	9041080185000	179.00	98.50
	18.50-18.99	19.05	3/4	18.20	50.00	9041060185050			9041070185050			9041080185050		
190	19.00-19.49	20.00		18.70	50.00	9041060190000	114.00	32.90	9041070190000	143.00	62.10	9041080190000	182.00	101.10
	19.00-19.49	19.05	3/4	18.70	50.00	9041060190050			9041070190050			9041080190050		
195	19.50-19.99	20.00		19.20	50.00	9041060195000	116.00	33.70	9041070195000	146.00	63.70	9041080195000	186.00	103.70
	19.50-19.99	19.05	3/4	19.20	50.00	9041060195050			9041070195050			9041080195050		

Holders are supplied with clamping screw, Guhring no. 4071, and screwdriver, Guhring no. 1612.

Holders



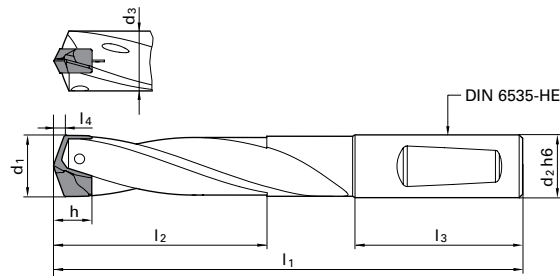
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Holder Size	d1 Insert Range mm	d2 mm	d2 in	d3 mm	l3 mm	Series 4106 (1.5xD)			Series 4107 (3xD)			Series 4108 (5xD)		
						EDP No.	l1* mm	l2 mm	EDP No.	l1* mm	l2 mm	EDP No.	l1* mm	l2 mm
200	20.00-20.49	20.00		19.70	50.00	9041060200000	117.00	34.60	9041070200000	148.00	65.30	9041080200000	189.00	106.30
	20.00-20.49	19.05	3/4	19.70	9041060200050	9041070200050			9041080200050					
205	20.50-20.99	25.00		20.20	56.00	9041060205000	128.00	35.50	9041070205000	159.00	67.00	9041080205000	201.00	109.00
	20.50-20.99	25.40	1	20.20	9041060205050	9041070205050			9041080205050					
210	21.00-21.49	25.00		20.70	56.00	9041060210000	129.00	36.40	9041070210000	161.00	68.60	9041080210000	204.00	111.60
	21.00-21.49	25.40	1	20.70	9041060210050	9041070210050			9041080210050					
215	21.50-21.99	25.00		21.20	56.00	9041060215000	130.00	37.20	9041070215000	163.00	70.10	9041080215000	207.00	114.10
	21.50-21.99	25.40	1	21.20	9041060215050	9041070215050			9041080215050					
220	22.00-22.49	25.00		21.70	56.00	9041060220000	131.00	38.00	9041070220000	165.00	71.70	9041080220000	210.00	116.70
	22.00-22.49	25.40	1	21.70	9041060220050	9041070220050			9041080220050					
225	22.50-22.99	25.00		22.20	56.00	9041060225000	134.00	38.90	9041070225000	168.00	73.30	9041080225000	214.00	119.30
	22.50-22.99	25.40	1	22.20	9041060225050	9041070225050			9041080225050					
230	23.00-23.49	25.00		22.70	56.00	9041060230000	135.00	39.80	9041070230000	170.00	74.90	9041080230000	217.00	121.90
	23.00-23.49	25.40	1	22.70	9041060230050	9041070230050			9041080230050					
235	23.50-23.99	25.00		23.20	56.00	9041060235000	137.00	40.60	9041070235000	173.00	76.50	9041080235000	221.00	124.50
	23.50-23.99	25.40	1	23.20	9041060235050	9041070235050			9041080235050					
240	24.00-24.49	25.00		23.70	56.00	9041060240000	138.00	41.50	9041070240000	175.00	78.10	9041080240000	224.00	127.10
	24.00-24.49	25.40	1	23.70	9041060240050	9041070240050			9041080240050					
245	24.50-24.99	25.00		24.20	56.00	9041060245000	140.00	42.30	9041070245000	177.00	79.70	9041080245000	227.00	129.70
	24.50-24.99	25.40	1	24.20	9041060245050	9041070245050			9041080245050					
250	25.00-25.49	25.00		24.70	56.00	9041060250000	142.00	43.20	9041070250000	180.00	81.30	9041080250000	231.00	132.30
	25.00-25.49	25.40	1	24.70	9041060250050	9041070250050			9041080250050					
255	25.50-25.99	32.00		25.20	60.00	9041060255000	148.00	44.00	9041070255000	187.00	82.90	9041080255000	239.00	134.90
	25.50-25.99	31.75	1 1/4	25.20	9041060255050	9041070255050			9041080255050					
260	26.00-26.49	32.00		25.70	60.00	9041060260000	151.00	44.30	9041070260000	191.00	84.00	9041080260000	244.00	137.00
	26.00-26.49	31.75	1 1/4	25.70	9041060260050	9041070260050			9041080260050					
265	26.50-26.99	32.00		26.20	60.00	9041060265000	153.00	45.10	9041070265000	193.00	86.10	9041080265000	247.00	140.00
	26.50-26.99	31.75	1 1/4	26.20	9041060265050	9041070265050			9041080265050					
270	27.00-27.49	32.00		26.70	60.00	9041060270000	155.00	46.00	9041070270000	196.00	87.20	9041080270000	251.00	142.00
	27.00-27.49	31.75	1 1/4	26.70	9041060270050	9041070270050			9041080270050					
275	27.50-27.99	32.00		27.20	60.00	9041060275000	156.00	46.80	9041070275000	198.00	88.90	9041080275000	254.00	144.80
	27.50-27.99	31.75	1 1/4	27.20	9041060275050	9041070275050			9041080275050					
280	28.00-28.49	32.00		27.70	60.00	9041060280000	157.00	47.70	9041070280000	200.00	90.50	9041080280000	257.00	147.40
	28.00-28.49	31.75	1 1/4	27.70	9041060280050	9041070280050			9041080280050					
285	28.50-28.99	32.00		28.20	60.00	9041060285000	159.00	48.50	9041070285000	202.00	92.50	9041080285000	260.00	150.40
	28.50-28.99	31.75	1 1/4	28.20	9041060285050	9041070285050			9041080285050					

Holders are supplied with clamping screw, Guhring no. 4071, and screwdriver, Guhring no. 1612.

HT 800 WP Interchangeable Insert Drills



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Holder Size	d1 Insert Range mm	d2 mm	d2 in	d3 mm	l3 mm	Series 4106 (1.5xD)			Series 4107 (3xD)			Series 4108 (5xD)		
						EDP No.	l1* mm	l2 mm	EDP No.	l1* mm	l2 mm	EDP No.	l1* mm	l2 mm
290	29.00-29.49	32.00		28.70	60.00	9041060290000	161.00	49.40	9041070290000	205.00	94.60	9041080290000	264.00	153.50
	29.00-29.49	31.75	1 1/4	28.70	60.00	9041060290050			9041070290050			9041080290050		
295	29.50-29.99	32.00		29.20	60.00	9041060295000	162.00	50.20	9041070295000	207.00	95.10	9041080295000	267.00	155.10
	29.50-29.99	31.75	1 1/4	29.20	60.00	9041060295050			9041070295050			9041080295050		
300	30.00-30.49	32.00		29.70	60.00	9041060300000	164.00	50.90	9041070300000	210.00	96.70	9041080300000	271.00	157.60
	30.00-30.49	31.75	1 1/4	29.70	60.00	9041060300050			9041070300050			9041080300050		
305	30.50-30.99	32.00		30.20	60.00	9041060305000	166.00	51.70	9041070305000	212.00	98.30	9041080305000	274.00	160.20
	30.50-30.99	31.75	1 1/4	30.20	60.00	9041060305050			9041070305050			9041080305050		
310	31.00-31.49	32.00		30.70	60.00	9041060310000	167.00	52.60	9041070310000	214.00	99.80	9041080310000	277.00	162.80
	31.00-31.49	31.75	1 1/4	30.70	60.00	9041060310050			9041070310050			9041080310050		
315	31.50-31.99	32.00		31.20	60.00	9041060315000	168.00	53.40	9041070315000	216.00	101.40	9041080315000	280.00	165.40
	31.50-31.99	31.75	1 1/4	31.20	60.00	9041060315050			9041070315050			9041080315050		
320	32.00-32.99	32.00		31.70	60.00	9041060320000	172.00	55.10	9041070320000	221.00	104.60	9041080320000	287.00	170.60
	32.00-32.99	31.75	1 1/4	31.70	60.00	9041060320050			9041070320050			9041080320050		
330	33.00-33.99	32.00		32.70	60.00	9041060330000	175.00	56.80	9041070330000	226.00	107.80	9041080330000	294.00	175.80
	33.00-33.99	31.75	1 1/4	32.70	60.00	9041060330050			9041070330050			9041080330050		
340	34.00-34.99	32.00		33.70	60.00	9041060340000	178.00	58.50	9041070340000	230.00	111.00	9041080340000	300.00	181.00
	34.00-34.99	31.75	1 1/4	33.70	60.00	9041060340050			9041070340050			9041080340050		
350	35.00-35.99	32.00		34.70	60.00	9041060350000	181.00	60.20	9041070350000	235.00	114.20	9041080350000	307.00	186.20
	35.00-35.99	31.75	1 1/4	34.70	60.00	9041060350050			9041070350050			9041080350050		
360	36.00-36.99	32.00		35.70	60.00	9041060360000	184.00	61.80	9041070360000	240.00	117.30	9041080360000	314.00	191.30
	36.00-36.99	31.75	1 1/4	35.70	60.00	9041060360050			9041070360050			9041080360050		
370	37.00-37.99	32.00		36.70	60.00	9041060370000	188.00	63.50	9041070370000	245.00	120.50	9041080370000	321.00	196.50
	37.00-37.99	31.75	1 1/4	36.70	60.00	9041060370050			9041070370050			9041080370050		
380	38.00-38.99	32.00		37.70	60.00	9041060380000	191.00	65.20	9041070380000	249.00	123.70	9041080380000	327.00	201.70
	38.00-38.99	31.75	1 1/4	37.70	60.00	9041060380050			9041070380050			9041080380050		
390	39.00-40.00	32.00		38.70	60.00	9041060390000	194.00	66.90	9041070390000	254.00	126.90	9041080390000	334.00	206.90
	39.00-40.00	31.75	1 1/4	38.70	60.00	9041060390050			9041070390050			9041080390050		

Holders are supplied with clamping screw, Guhring no. 4071, and screwdriver, Guhring no. 1612.