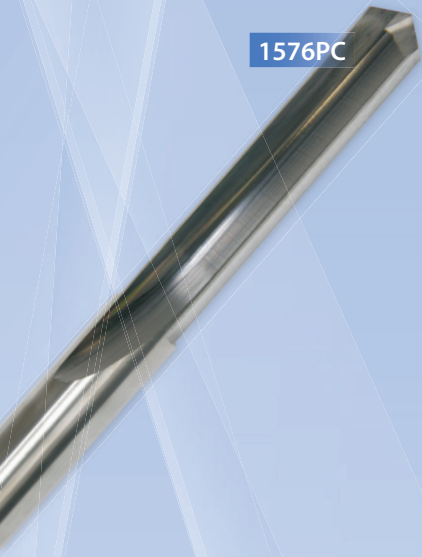


1576PC



## PC series

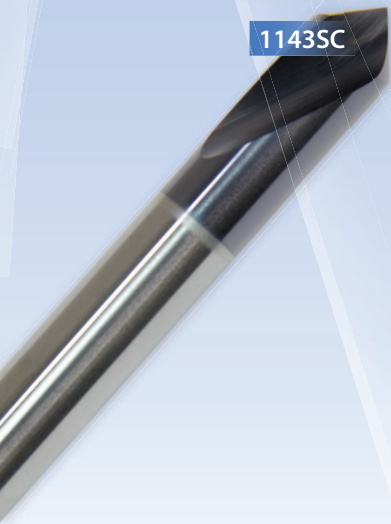
### *Straight flute drill for cast iron*

- High precision (hole quality up to H7) and good surface quality on the complete bore length.
- Diameter range 4.0–20.0 mm (5xD, 15xD)



Straight cut

1143SC



## SC series

### *NC tapping device for steel, stainless steel, cast iron and non-ferrous metals*

- For centring and chamfering.
- With 90° and 120° point angle.
- Diameter range 5.0–20.0 mm

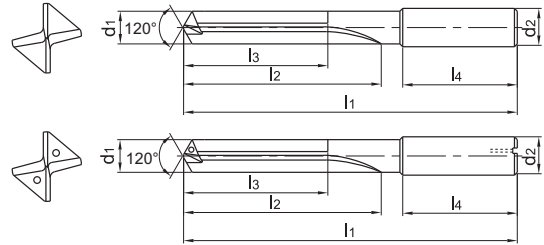
## PC drill 5xD

Cast iron

### 1576PC05/1576PC05C



- Type of shank DIN 6535HA
- Coolant exit, axial concentric



Article	*	Dimensions [mm]						Grade
		d <sub>1</sub> (m7)	d <sub>2</sub> (h6)	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	YK20F
1576PC05-0400		4	6	74	36	29	36	○
1576PC05C-0400	*	4	6	74	36	29	36	●
1576PC05-0420		4.2	6	74	36	29	36	○
1576PC05C-0420	*	4.2	6	74	36	29	36	●
1576PC05-0500		5	6	82	44	35	36	○
1576PC05C-0500	*	5	6	82	44	35	36	●
1576PC05-0600		6	6	82	44	35	36	○
1576PC05C-0600	*	6	6	82	44	35	36	●
1576PC05-0675		6.75	8	91	53	43	36	○
1576PC05C-0675	*	6.75	8	91	53	43	36	●
1576PC05-0700		7	8	91	53	43	36	○
1576PC05C-0700	*	7	8	91	53	43	36	●
1576PC05-0800		8	8	91	53	43	36	○
1576PC05C-0800	*	8	8	91	53	43	36	●
1576PC05-0850		8.5	10	103	61	49	40	○
1576PC05C-0850	*	8.5	10	103	61	49	40	●
1576PC05-0900		9	10	103	61	49	40	○
1576PC05C-0900	*	9	10	103	61	49	40	●
1576PC05-1000		10	10	103	61	49	40	○
1576PC05C-1000	*	10	10	103	61	49	40	●
1576PC05-1025		10.25	12	118	71	56	45	○
1576PC05C-1025	*	10.25	12	118	71	56	45	●
1576PC05-1100		11	12	118	71	56	45	○
1576PC05C-1100	*	11	12	118	71	56	45	●
1576PC05-1200		12	12	118	71	56	45	○
1576PC05C-1200	*	12	12	118	71	56	45	●
1576PC05-1300		13	14	124	77	60	45	○
1576PC05C-1300	*	13	14	124	77	60	45	●
1576PC05-1400		14	14	124	77	60	45	○
1576PC05C-1400	*	14	14	124	77	60	45	●
1576PC05-1500		15	16	133	83	63	48	○
1576PC05C-1500	*	15	16	133	83	63	48	○
1576PC05-1550		15.5	16	133	83	63	48	○

● Ex stock ○ On demand

\* With internal cooling

#### Application field

P	M	K	N	S	H
		✓			

✓ Very suitable

✓ Suitable

System code > C28

Machining instructions > C165

Cutting data > C122

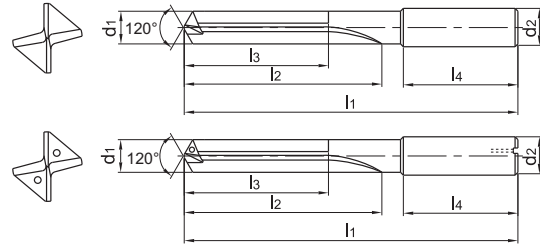
Nonstandard order > C178

PC drill 5xD **Cast iron**

**1576PC05/1576PC05C**



- Type of shank DIN 6535HA
- Coolant exit, axial concentric



Article	*	Dimensions [mm]						Grade
		d <sub>1</sub> (m7)	d <sub>2</sub> (h6)	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	YK20F
1576PC05C-1550	*	15.5	16	133	83	63	48	○
1576PC05-1600		16	16	133	83	63	48	○
1576PC05C-1600	*	16	16	133	83	63	48	○
1576PC05-1700		17	18	143	93	71	48	○
1576PC05C-1700	*	17	18	143	93	71	48	○
1576PC05-1750		17.5	18	143	93	71	48	○
1576PC05C-1750	*	17.5	18	143	93	71	48	○
1576PC05-1800		18	18	143	93	71	48	○
1576PC05C-1800	*	18	18	143	93	71	48	●
1576PC05-1950		19.5	20	153	101	77	50	○
1576PC05C-1950	*	19.5	20	153	101	77	50	○
1576PC05-2000		20	20	153	101	77	50	○
1576PC05C-2000	*	20	20	153	101	77	50	○

- Ex stock ○ On demand
- \* With internal cooling

Application field					
P	M	K	N	S	H
		✓			

- ✓ Very suitable
- ✓ Suitable



A

Turning

B

Milling

C

Drilling

D

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A

PC drill 15xD

Cast iron

Turning

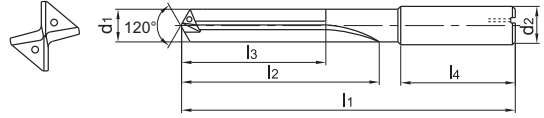
1579PC15C



- Type of shank DIN 6535HA
- Coolant exit, axial concentric



Internal coolant



B

Milling

Article	*	Dimensions [mm]						Grade
		d <sub>1</sub> (m7)	d <sub>2</sub> (h6)	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	YK20F
1579PC15C-0500	*	5	6	145	105	96	36	○
1579PC15C-0600	*	6	6	145	105	96	36	○
1579PC15C-0800	*	8	8	180	137	127	36	○
1579PC15C-0900	*	9	10	217	170	158	40	○
1579PC15C-1000	*	10	10	217	170	158	40	○
1579PC15C-1100	*	11	12	258	205	190	45	○
1579PC15C-1200	*	12	12	258	205	190	45	○
1579PC15C-1400	*	14	14	290	236	219	45	○

● Ex stock ○ On demand

\* With internal cooling

C

Drilling

Application field

P	M	K	N	S	H
		✓			

✓ Very suitable

✓ Suitable

D

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System code > C28

Machining instructions > C165

Cutting data > C122

Nonstandard order > C178

SC drill – NC tapping device 90°

**General machining**

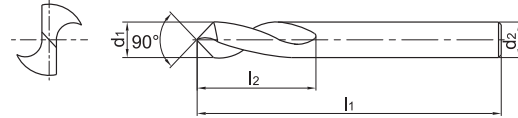
**1143SC90**



– Factory standard



External coolant



Article	*	Dimensions [mm]				Grade	
		d <sub>1</sub> (h6)	d <sub>2</sub> (h6)	l <sub>1</sub>	l <sub>2</sub>	KDG303	YK30F
1143SC90-0500		5	5	62	10	●	
1143SC90-0600		6	6	66	15	●	
1143SC90-0800		8	8	79	17	●	
1143SC90-1000		10	10	89	20	●	
1143SC90-1200		12	12	102	25	●	
1143SC90-1400		14	14	107	30	●	
1143SC90-1600		16	16	115	35	●	
1143SC90-2000		20	20	131	40	●	○

● Ex stock ○ On demand

\* With internal cooling

**Application field**

P	M	K	N	S	H
✓	✓	✓	✓		

✓ Very suitable

✓ Suitable

**A**

Turning

**B**

Milling

**C**

Drilling

**D**

Technical Information

**E**

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System code > C28

Machining instructions > C165

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Nonstandard order > C178



**A**

## SC drill – NC tapping device 120°

## General machining

Turning

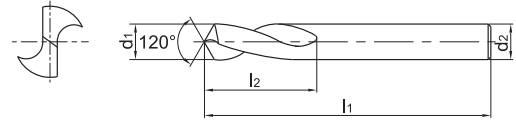
**1143SC120**



– Factory standard



External coolant



**B**

Milling

Article	*	Dimensions [mm]				Grade
		d <sub>1</sub> (h6)	d <sub>2</sub> (h6)	l <sub>1</sub>	l <sub>2</sub>	KDG303
1143SC120-0500		5	5	62	10	●
1143SC120-0600		6	6	66	15	●
1143SC120-0800		8	8	79	17	●
1143SC120-1000		10	10	89	20	●
1143SC120-1200		12	12	102	25	●
1143SC120-1400		14	14	107	30	●
1143SC120-1600		16	16	115	35	●
1143SC120-2000		20	20	131	42	●

● Ex stock ○ On demand

\* With internal cooling

**C**

Drilling

Application field					
P	M	K	N	S	H
✓	✓	✓	✓		

✓ Very suitable

✓ Suitable

**D**

Technical Information

**E**

Index

System code > C28

Machining instructions > C165

Cutting data > C122

Nonstandard order > C178

