Product expertise

Drilling

_EXPERTISE IN MACHINING

DC150 – high-performance and versatile: The first family in the new Perform product line.

WALTER TITEX

The new Walter Titex Perform product line.

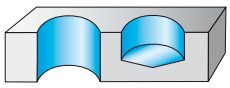
NEW 2014

Everything under control, 100 % process reliability

Having the fastest possible cutting speeds is not the be all and end all for every user. Particularly when machining medium-sized to small batches, top performance is less concerned with theoretical values than with realistically achievable quality criteria.

Precision, process reliability, cost effectiveness. Nothing more, nothing less. This is why the Walter Titex Perform product line fulfils precisely these requirements with a specially selected range.

Product range overview of solid carbide drills from the DC150 product family

Machining application				
Drilling depth	**3 x D_c**		**5 x D_c**	
Product family	DC150	DC150	DC150	DC150
Designation	**DC150-03-xx.xxxA0**	**DC150-03-xx.xxxF0**	**DC150-05-xx.xxxA1**	**DC150-05-xx.xxxF1**
Grade	WJ30RE	WJ30RE	WJ30RE	WJ30RE
Dia. range	3,00 – 16,00	3,00 – 16,00	3,00 – 16,00	3,00 – 16,00
Shank shape	HA	HE	HA	HE
Cooling	External cooling	External cooling	Internal cooling	Internal cooling
Page	5	8	9	12
				

Walter Titex DC150.

THE TOOL

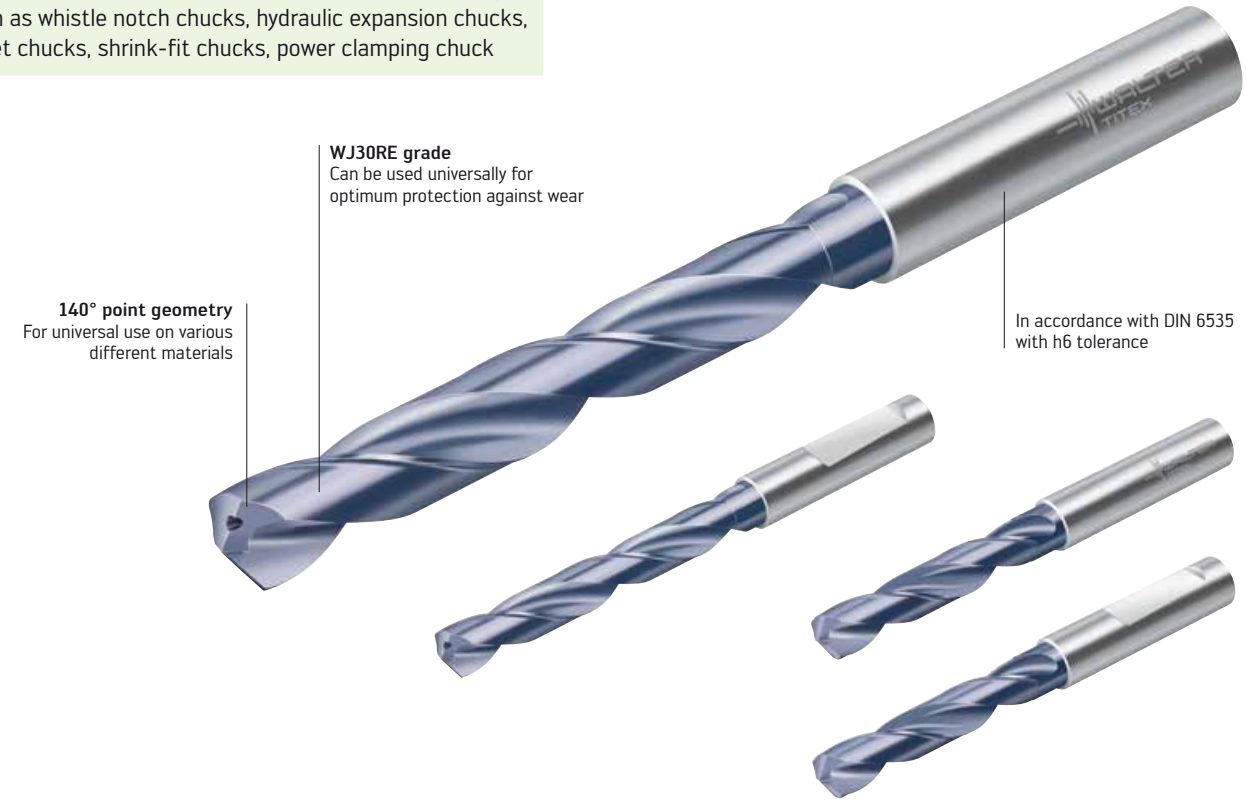
- Solid carbide twist drill
- WJ30RE grade
- 140° tip angle
- Dimensions in accordance with
  - DIN 6537 short 3 x D_c
  - DIN 6537 long 5 x D_c
- Diameter range from 3 to 16 mm
- Shank in accordance with DIN 6535 HA and HE

THE APPLICATION

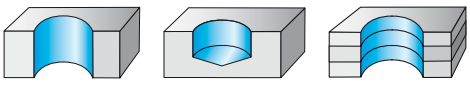
- For the ISO material groups P, M, K, N, S, H, O
- Can be used with oil and emulsion
- For use in general mechanical engineering, mould and die making and the automotive and energy industries

BENEFITS FOR YOU

- Can be used universally in all materials
- Shank variants for all chucks commonly used for drilling, such as whistle notch chucks, hydraulic expansion chucks, collet chucks, shrink-fit chucks, power clamping chuck



Walter Titex Perform **product family:** DC150



Designation key for Walter Titex drilling and reaming tools

Example

D	C	1	50	-	03	-	03.000	A	0	-	W	J	30	RE
1	2	3	4		5		6	7	8		Grade			

1	2	3	4
Tool group	**Generation**	**Tool type**	**Tool type**
D Drilling		1 Parallel shank drill bit	50 Universal

5	6	7	8
Drilling depth	**Cutting diameter**	**Shank type**	**Cooling**
03 ~ 3 x D_c in accordance with DIN 6537 short 05 ~ 5 x D_c in accordance with DIN 6537 long		A DIN 6535 HA parallel shank F DIN 6535 HE parallel shank	0 External cooling 1 Axial internal cooling

Grade designation key for solid carbide and HSS cutting materials

Example

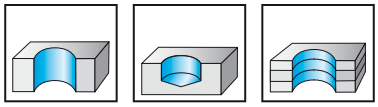
W	J	30	RE
Walter	1	2	3

1	2	3
Substrate	**Application range**	**Coating**
Solid carbide J HSS	Wear resistance 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 Toughness	RE TiALN

Watch the video:
Scan this QR code or go directly to http://goo.gl/jqW6b2

Solid carbide twist drill
Perform DC150

3 x D_c

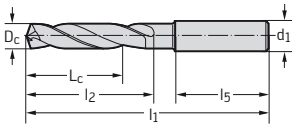


- External cooling
- Right-hand cutting
- 140° point angle

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 short

Shank DIN 6535 HA



Designation	D_c m7 mm	D_c inches/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-03.000A0-	3		14	62	20	36	6	●●●
DC150-03-03.100A0-	3,1		14	62	20	36	6	●●●
DC150-03-03.175A0-	3,175	1/8"	14	62	20	36	6	●●●
DC150-03-03.200A0-	3,2		14	62	20	36	6	●●●
DC150-03-03.250A0-	3,25		14	62	20	36	6	●●●
DC150-03-03.300A0-	3,3		14	62	20	36	6	●●●
DC150-03-03.400A0-	3,4		14	62	20	36	6	●●●
DC150-03-03.500A0-	3,5		14	62	20	36	6	●●●
DC150-03-03.572A0-	3,572	9/64"	14	62	20	36	6	●●●
DC150-03-03.600A0-	3,6		14	62	20	36	6	●●●
DC150-03-03.700A0-	3,7		14	62	20	36	6	●●●
DC150-03-03.800A0-	3,8		17	66	24	36	6	●●●
DC150-03-03.900A0-	3,9		17	66	24	36	6	●●●
DC150-03-03.969A0-	3,969	5/32"	17	66	24	36	6	●●●
DC150-03-04.000A0-	4		17	66	24	36	6	●●●
DC150-03-04.100A0-	4,1		17	66	24	36	6	●●●
DC150-03-04.200A0-	4,2		17	66	24	36	6	●●●
DC150-03-04.300A0-	4,3		17	66	24	36	6	●●●
DC150-03-04.366A0-	4,366	11/64"	17	66	24	36	6	●●●
DC150-03-04.400A0-	4,4		17	66	24	36	6	●●●
DC150-03-04.500A0-	4,5		17	66	24	36	6	●●●
DC150-03-04.600A0-	4,6		17	66	24	36	6	●●●
DC150-03-04.650A0-	4,65		17	66	24	36	6	●●●
DC150-03-04.700A0-	4,7		17	66	24	36	6	●●●
DC150-03-04.763A0-	4,763	3/16"	20	66	28	36	6	●●●
DC150-03-04.800A0-	4,8		20	66	28	36	6	●●●
DC150-03-04.900A0-	4,9		20	66	28	36	6	●●●
DC150-03-05.000A0-	5		20	66	28	36	6	●●●
DC150-03-05.100A0-	5,1		20	66	28	36	6	●●●
DC150-03-05.159A0-	5,159	13/64"	20	66	28	36	6	●●●
DC150-03-05.200A0-	5,2		20	66	28	36	6	●●●
DC150-03-05.300A0-	5,3		20	66	28	36	6	●●●
DC150-03-05.400A0-	5,4		20	66	28	36	6	●●●
DC150-03-05.500A0-	5,5		20	66	28	36	6	●●●
DC150-03-05.550A0-	5,55		20	66	28	36	6	●●●
DC150-03-05.556A0-	5,556	7/32"	20	66	28	36	6	●●●
DC150-03-05.600A0-	5,6		20	66	28	36	6	●●●
DC150-03-05.700A0-	5,7		20	66	28	36	6	●●●
DC150-03-05.800A0-	5,8		20	66	28	36	6	●●●
DC150-03-05.900A0-	5,9		20	66	28	36	6	●●●
DC150-03-05.953A0-	5,953	15/64"	20	66	28	36	6	●●●
DC150-03-06.000A0-	6		20	66	28	36	6	●●●
DC150-03-06.100A0-	6,1		24	79	34	36	8	●●●
DC150-03-06.200A0-	6,2		24	79	34	36	8	●●●
DC150-03-06.300A0-	6,3		24	79	34	36	8	●●●
DC150-03-06.350A0-	6,35	1/4"	24	79	34	36	8	●●●
DC150-03-06.400A0-	6,4		24	79	34	36	8	●●●

Ordering example: DC150 solid carbide twist drill with D_c 3 mm, WJ30RE grade
Ordering code: DC150-03-03.000A0-WJ30RE

●●● New addition to range

Continued

15 14

Solid carbide twist drill
Perform DC150

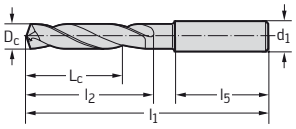
3 x D_c

Continued

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 short

Shank DIN 6535 HA



Designation	D_c m7 mm	D_c inches/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-06.500A0-	6,5		24	79	34	36	8	●
DC150-03-06.600A0-	6,6		24	79	34	36	8	●
DC150-03-06.700A0-	6,7		24	79	34	36	8	●
DC150-03-06.747A0-	6,747	17/64"	24	79	34	36	8	●
DC150-03-06.800A0-	6,8		24	79	34	36	8	●
DC150-03-06.900A0-	6,9		24	79	34	36	8	●
DC150-03-07.000A0-	7		24	79	34	36	8	●
DC150-03-07.100A0-	7,1		29	79	41	36	8	●
DC150-03-07.144A0-	7,144	9/32"	29	79	41	36	8	●
DC150-03-07.200A0-	7,2		29	79	41	36	8	●
DC150-03-07.300A0-	7,3		29	79	41	36	8	●
DC150-03-07.400A0-	7,4		29	79	41	36	8	●
DC150-03-07.500A0-	7,5		29	79	41	36	8	●
DC150-03-07.541A0-	7,541	19/64"	29	79	41	36	8	●
DC150-03-07.600A0-	7,6		29	79	41	36	8	●
DC150-03-07.800A0-	7,8		29	79	41	36	8	●
DC150-03-07.900A0-	7,9		29	79	41	36	8	●
DC150-03-07.938A0-	7,938	5/16"	29	79	41	36	8	●
DC150-03-08.000A0-	8		29	79	41	36	8	●
DC150-03-08.100A0-	8,1		35	89	47	40	10	●
DC150-03-08.200A0-	8,2		35	89	47	40	10	●
DC150-03-08.300A0-	8,3		35	89	47	40	10	●
DC150-03-08.334A0-	8,334	21/64"	35	89	47	40	10	●
DC150-03-08.400A0-	8,4		35	89	47	40	10	●
DC150-03-08.500A0-	8,5		35	89	47	40	10	●
DC150-03-08.600A0-	8,6		35	89	47	40	10	●
DC150-03-08.700A0-	8,7		35	89	47	40	10	●
DC150-03-08.731A0-	8,731	11/32"	35	89	47	40	10	●
DC150-03-08.800A0-	8,8		35	89	47	40	10	●
DC150-03-08.900A0-	8,9		35	89	47	40	10	●
DC150-03-09.000A0-	9		35	89	47	40	10	●
DC150-03-09.100A0-	9,1		35	89	47	40	10	●
DC150-03-09.200A0-	9,2		35	89	47	40	10	●
DC150-03-09.300A0-	9,3		35	89	47	40	10	●
DC150-03-09.400A0-	9,4		35	89	47	40	10	●
DC150-03-09.500A0-	9,5		35	89	47	40	10	●
DC150-03-09.525A0-	9,525	3/8"	35	89	47	40	10	●
DC150-03-09.600A0-	9,6		35	89	47	40	10	●
DC150-03-09.700A0-	9,7		35	89	47	40	10	●
DC150-03-09.800A0-	9,8		35	89	47	40	10	●
DC150-03-09.922A0-	9,922	25/64"	35	89	47	40	10	●
DC150-03-10.000A0-	10		35	89	47	40	10	●
DC150-03-10.100A0-	10,1		40	102	55	45	12	●
DC150-03-10.200A0-	10,2		40	102	55	45	12	●
DC150-03-10.300A0-	10,3		40	102	55	45	12	●
DC150-03-10.319A0-	10,319	13/32"	40	102	55	45	12	●
DC150-03-10.500A0-	10,5		40	102	55	45	12	●
DC150-03-10.600A0-	10,6		40	102	55	45	12	●
DC150-03-10.716A0-	10,716	27/64"	40	102	55	45	12	●
DC150-03-10.800A0-	10,8		40	102	55	45	12	●
DC150-03-11.000A0-	11		40	102	55	45	12	●
DC150-03-11.100A0-	11,1		40	102	55	45	12	●
DC150-03-11.113A0-	11,113	7/16"	40	102	55	45	12	●
DC150-03-11.200A0-	11,2		40	102	55	45	12	●
DC150-03-11.500A0-	11,5		40	102	55	45	12	●

Continued

Ordering example: DC150 solid carbide twist drill with D_c 8 mm, WJ30RE grade
Ordering code: DC150-03-08.000A0-WJ30RE

● New addition to range

15 14

Solid carbide twist drill
Perform DC150

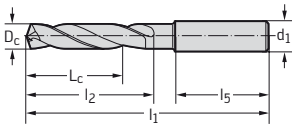
3 x D_c

Continued

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 short

Shank DIN 6535 HA



Designation	D_c m7 mm	D_c inches/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-11.700A0-	11,7		40	102	55	45	12	●
DC150-03-11.800A0-	11,8		40	102	55	45	12	●
DC150-03-12.000A0-	12		40	102	55	45	12	●
DC150-03-12.100A0-	12,1		43	107	60	45	14	●
DC150-03-12.200A0-	12,2		43	107	60	45	14	●
DC150-03-12.300A0-	12,3		43	107	60	45	14	●
DC150-03-12.500A0-	12,5		43	107	60	45	14	●
DC150-03-12.700A0-	12,7	1/2"	43	107	60	45	14	●
DC150-03-12.800A0-	12,8		43	107	60	45	14	●
DC150-03-13.000A0-	13		43	107	60	45	14	●
DC150-03-13.100A0-	13,1		43	107	60	45	14	●
DC150-03-13.494A0-	13,494	17/32"	43	107	60	45	14	●
DC150-03-13.500A0-	13,5		43	107	60	45	14	●
DC150-03-14.000A0-	14		43	107	60	45	14	●
DC150-03-14.288A0-	14,288	9/16"	45	115	65	48	16	●
DC150-03-14.500A0-	14,5		45	115	65	48	16	●
DC150-03-15.000A0-	15		45	115	65	48	16	●
DC150-03-15.500A0-	15,5		45	115	65	48	16	●
DC150-03-15.875A0-	15,875	5/8"	45	115	65	48	16	●
DC150-03-16.000A0-	16		45	115	65	48	16	●

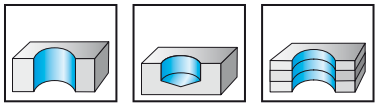
Ordering example: DC150 solid carbide twist drill with D_c 12 mm, WJ30RE grade
Ordering code: DC150-03-12.000A0-WJ30RE

● New addition to range

15 14

Solid carbide twist drill
Perform DC150

3 x D_c

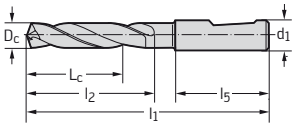


- External cooling
- Right-hand cutting
- 140° point angle

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 short

Shank DIN 6535 HE



Designation	D_c m7 mm	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-03.000F0-	3	14	62	20	36	6	☻
DC150-03-03.300F0-	3,3	14	62	20	36	6	☻
DC150-03-03.400F0-	3,4	14	62	20	36	6	☻
DC150-03-03.500F0-	3,5	14	62	20	36	6	☻
DC150-03-03.700F0-	3,7	14	62	20	36	6	☻
DC150-03-04.000F0-	4	17	66	24	36	6	☻
DC150-03-04.200F0-	4,2	17	66	24	36	6	☻
DC150-03-04.300F0-	4,3	17	66	24	36	6	☻
DC150-03-04.500F0-	4,5	17	66	24	36	6	☻
DC150-03-05.000F0-	5	20	66	28	36	6	☻
DC150-03-05.100F0-	5,1	20	66	28	36	6	☻
DC150-03-05.300F0-	5,3	20	66	28	36	6	☻
DC150-03-05.500F0-	5,5	20	66	28	36	6	☻
DC150-03-05.600F0-	5,6	20	66	28	36	6	☻
DC150-03-06.000F0-	6	20	66	28	36	6	☻
DC150-03-06.100F0-	6,1	24	79	34	36	8	☻
DC150-03-06.200F0-	6,2	24	79	34	36	8	☻
DC150-03-06.500F0-	6,5	24	79	34	36	8	☻
DC150-03-06.800F0-	6,8	24	79	34	36	8	☻
DC150-03-07.000F0-	7	24	79	34	36	8	☻
DC150-03-07.500F0-	7,5	29	79	41	36	8	☻
DC150-03-08.000F0-	8	29	79	41	36	8	☻
DC150-03-08.500F0-	8,5	35	89	47	40	10	☻
DC150-03-08.600F0-	8,6	35	89	47	40	10	☻
DC150-03-08.700F0-	8,7	35	89	47	40	10	☻
DC150-03-09.000F0-	9	35	89	47	40	10	☻
DC150-03-09.800F0-	9,8	35	89	47	40	10	☻
DC150-03-10.000F0-	10	35	89	47	40	10	☻
DC150-03-10.200F0-	10,2	40	102	55	45	12	☻
DC150-03-10.300F0-	10,3	40	102	55	45	12	☻
DC150-03-10.500F0-	10,5	40	102	55	45	12	☻
DC150-03-11.000F0-	11	40	102	55	45	12	☻
DC150-03-11.200F0-	11,2	40	102	55	45	12	☻
DC150-03-11.800F0-	11,8	40	102	55	45	12	☻
DC150-03-12.000F0-	12	40	102	55	45	12	☻
DC150-03-12.200F0-	12,2	43	107	60	45	14	☻
DC150-03-12.500F0-	12,5	43	107	60	45	14	☻
DC150-03-13.000F0-	13	43	107	60	45	14	☻
DC150-03-14.000F0-	14	43	107	60	45	14	☻
DC150-03-15.000F0-	15	45	115	65	48	16	☻

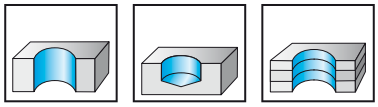
Ordering example: DC150 solid carbide twist drill with D_c 3 mm, WJ30RE grade
Ordering code: DC150-03-03.000F0-WJ30RE

☻ New addition to range

15 14

Solid carbide coolant through drills
Perform DC150

5 x D_c

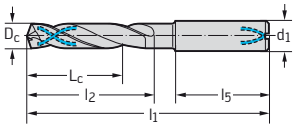


- Internal cooling
- Right-hand cutting
- 140° point angle

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 long

Shank DIN 6535 HA



Designation	D_c m7 mm	D_c inches/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-03.000A1-	3		23	66	28	36	6	●●
DC150-05-03.100A1-	3,1		23	66	28	36	6	●●
DC150-05-03.175A1-	3,175	1/8"	23	66	28	36	6	●●
DC150-05-03.200A1-	3,2		23	66	28	36	6	●●
DC150-05-03.250A1-	3,25		23	66	28	36	6	●●
DC150-05-03.300A1-	3,3		23	66	28	36	6	●●
DC150-05-03.400A1-	3,4		23	66	28	36	6	●●
DC150-05-03.500A1-	3,5		23	66	28	36	6	●●
DC150-05-03.600A1-	3,6		23	66	28	36	6	●●
DC150-05-03.700A1-	3,7		23	66	28	36	6	●●
DC150-05-03.800A1-	3,8		29	74	36	36	6	●●
DC150-05-03.900A1-	3,9		29	74	36	36	6	●●
DC150-05-03.969A1-	3,969	5/32"	29	74	36	36	6	●●
DC150-05-04.000A1-	4		29	74	36	36	6	●●
DC150-05-04.100A1-	4,1		29	74	36	36	6	●●
DC150-05-04.200A1-	4,2		29	74	36	36	6	●●
DC150-05-04.300A1-	4,3		29	74	36	36	6	●●
DC150-05-04.366A1-	4,366	11/64"	29	74	36	36	6	●●
DC150-05-04.400A1-	4,4		29	74	36	36	6	●●
DC150-05-04.500A1-	4,5		29	74	36	36	6	●●
DC150-05-04.600A1-	4,6		29	74	36	36	6	●●
DC150-05-04.650A1-	4,65		29	74	36	36	6	●●
DC150-05-04.700A1-	4,7		29	74	36	36	6	●●
DC150-05-04.763A1-	4,763	3/16"	35	82	44	36	6	●●
DC150-05-04.800A1-	4,8		35	82	44	36	6	●●
DC150-05-04.900A1-	4,9		35	82	44	36	6	●●
DC150-05-05.000A1-	5		35	82	44	36	6	●●
DC150-05-05.100A1-	5,1		35	82	44	36	6	●●
DC150-05-05.159A1-	5,159	13/64"	35	82	44	36	6	●●
DC150-05-05.200A1-	5,2		35	82	44	36	6	●●
DC150-05-05.300A1-	5,3		35	82	44	36	6	●●
DC150-05-05.400A1-	5,4		35	82	44	36	6	●●
DC150-05-05.500A1-	5,5		35	82	44	36	6	●●
DC150-05-05.550A1-	5,55		35	82	44	36	6	●●
DC150-05-05.556A1-	5,556	7/32"	35	82	44	36	6	●●
DC150-05-05.600A1-	5,6		35	82	44	36	6	●●
DC150-05-05.700A1-	5,7		35	82	44	36	6	●●
DC150-05-05.800A1-	5,8		35	82	44	36	6	●●
DC150-05-05.900A1-	5,9		35	82	44	36	6	●●
DC150-05-05.953A1-	5,953	15/64"	35	82	44	36	6	●●
DC150-05-06.000A1-	6		35	82	44	36	6	●●
DC150-05-06.100A1-	6,1		43	91	53	36	8	●●
DC150-05-06.200A1-	6,2		43	91	53	36	8	●●
DC150-05-06.300A1-	6,3		43	91	53	36	8	●●
DC150-05-06.350A1-	6,35	1/4"	43	91	53	36	8	●●
DC150-05-06.400A1-	6,4		43	91	53	36	8	●●
DC150-05-06.500A1-	6,5		43	91	53	36	8	●●

Ordering example: DC150 solid carbide coolant through drill with D_c 3 mm, WJ30RE grade
Ordering code: DC150-05-03.000A1-WJ30RE

●● New addition to range

Continued

15 14

Solid carbide coolant through drills
Perform DC150

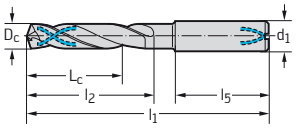
5 x D_c

Continued

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 long

Shank DIN 6535 HA



Designation	D_c m7 mm	D_c inches/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-06.600A1-	6,6		43	91	53	36	8	●
DC150-05-06.700A1-	6,7		43	91	53	36	8	●
DC150-05-06.747A1-	6,747	17/64"	43	91	53	36	8	●
DC150-05-06.800A1-	6,8		43	91	53	36	8	●
DC150-05-06.900A1-	6,9		43	91	53	36	8	●
DC150-05-07.000A1-	7		43	91	53	36	8	●
DC150-05-07.100A1-	7,1		43	91	53	36	8	●
DC150-05-07.144A1-	7,144	9/32"	43	91	53	36	8	●
DC150-05-07.200A1-	7,2		43	91	53	36	8	●
DC150-05-07.300A1-	7,3		43	91	53	36	8	●
DC150-05-07.400A1-	7,4		43	91	53	36	8	●
DC150-05-07.500A1-	7,5		43	91	53	36	8	●
DC150-05-07.541A1-	7,541	19/64"	43	91	53	36	8	●
DC150-05-07.600A1-	7,6		43	91	53	36	8	●
DC150-05-07.700A1-	7,7		43	91	53	36	8	●
DC150-05-07.800A1-	7,8		43	91	53	36	8	●
DC150-05-07.900A1-	7,9		43	91	53	36	8	●
DC150-05-07.938A1-	7,938	5/16"	43	91	53	36	8	●
DC150-05-08.000A1-	8		43	91	53	36	8	●
DC150-05-08.100A1-	8,1		49	103	61	40	10	●
DC150-05-08.200A1-	8,2		49	103	61	40	10	●
DC150-05-08.300A1-	8,3		49	103	61	40	10	●
DC150-05-08.334A1-	8,334	21/64"	49	103	61	40	10	●
DC150-05-08.400A1-	8,4		49	103	61	40	10	●
DC150-05-08.500A1-	8,5		49	103	61	40	10	●
DC150-05-08.600A1-	8,6		49	103	61	40	10	●
DC150-05-08.700A1-	8,7		49	103	61	40	10	●
DC150-05-08.731A1-	8,731	11/32"	49	103	61	40	10	●
DC150-05-08.800A1-	8,8		49	103	61	40	10	●
DC150-05-08.900A1-	8,9		49	103	61	40	10	●
DC150-05-09.000A1-	9		49	103	61	40	10	●
DC150-05-09.100A1-	9,1		49	103	61	40	10	●
DC150-05-09.128A1-	9,128	23/64"	49	103	61	40	10	●
DC150-05-09.200A1-	9,2		49	103	61	40	10	●
DC150-05-09.300A1-	9,3		49	103	61	40	10	●
DC150-05-09.400A1-	9,4		49	103	61	40	10	●
DC150-05-09.500A1-	9,5		49	103	61	40	10	●
DC150-05-09.525A1-	9,525	3/8"	49	103	61	40	10	●
DC150-05-09.550A1-	9,55		49	103	61	40	10	●
DC150-05-09.600A1-	9,6		49	103	61	40	10	●
DC150-05-09.700A1-	9,7		49	103	61	40	10	●
DC150-05-09.800A1-	9,8		49	103	61	40	10	●
DC150-05-09.900A1-	9,9		49	103	61	40	10	●
DC150-05-09.922A1-	9,922	25/64"	49	103	61	40	10	●
DC150-05-10.000A1-	10		49	103	61	40	10	●
DC150-05-10.100A1-	10,1		56	118	71	45	12	●
DC150-05-10.200A1-	10,2		56	118	71	45	12	●
DC150-05-10.300A1-	10,3		56	118	71	45	12	●
DC150-05-10.319A1-	10,319	13/32"	56	118	71	45	12	●
DC150-05-10.400A1-	10,4		56	118	71	45	12	●
DC150-05-10.500A1-	10,5		56	118	71	45	12	●
DC150-05-10.600A1-	10,6		56	118	71	45	12	●
DC150-05-10.700A1-	10,7		56	118	71	45	12	●
DC150-05-10.716A1-	10,716	27/64"	56	118	71	45	12	●
DC150-05-10.800A1-	10,8		56	118	71	45	12	●

Ordering example: DC150 solid carbide coolant through drill with D_c 7 mm, WJ30RE grade

Ordering code: DC150-05-07.000A1-WJ30RE

● New addition to range

Continued

15 14

Solid carbide coolant through drills
Perform DC150

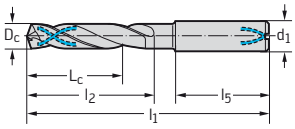
5 x D_c

Continued

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 long

Shank DIN 6535 HA



Designation	D_c m7 mm	D_c inches/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-10.900A1-	10,9		56	118	71	45	12	☹
DC150-05-11.000A1-	11		56	118	71	45	12	☹
DC150-05-11.100A1-	11,1		56	118	71	45	12	☹
DC150-05-11.113A1-	11,113	7/16"	56	118	71	45	12	☹
DC150-05-11.200A1-	11,2		56	118	71	45	12	☹
DC150-05-11.300A1-	11,3		56	118	71	45	12	☹
DC150-05-11.500A1-	11,5		56	118	71	45	12	☹
DC150-05-11.509A1-	11,509	29/64"	56	118	71	45	12	☹
DC150-05-11.600A1-	11,6		56	118	71	45	12	☹
DC150-05-11.700A1-	11,7		56	118	71	45	12	☹
DC150-05-11.800A1-	11,8		56	118	71	45	12	☹
DC150-05-11.900A1-	11,9		56	118	71	45	12	☹
DC150-05-11.906A1-	11,906	15/32"	56	118	71	45	12	☹
DC150-05-12.000A1-	12		56	118	71	45	12	☹
DC150-05-12.100A1-	12,1		60	124	77	45	14	☹
DC150-05-12.200A1-	12,2		60	124	77	45	14	☹
DC150-05-12.300A1-	12,3		60	124	77	45	14	☹
DC150-05-12.400A1-	12,4		60	124	77	45	14	☹
DC150-05-12.500A1-	12,5		60	124	77	45	14	☹
DC150-05-12.600A1-	12,6		60	124	77	45	14	☹
DC150-05-12.700A1-	12,7	1/2"	60	124	77	45	14	☹
DC150-05-12.800A1-	12,8		60	124	77	45	14	☹
DC150-05-13.000A1-	13		60	124	77	45	14	☹
DC150-05-13.100A1-	13,1		60	124	77	45	14	☹
DC150-05-13.200A1-	13,2		60	124	77	45	14	☹
DC150-05-13.300A1-	13,3		60	124	77	45	14	☹
DC150-05-13.494A1-	13,494	17/32"	60	124	77	45	14	☹
DC150-05-13.500A1-	13,5		60	124	77	45	14	☹
DC150-05-13.600A1-	13,6		60	124	77	45	14	☹
DC150-05-13.700A1-	13,7		60	124	77	45	14	☹
DC150-05-13.800A1-	13,8		60	124	77	45	14	☹
DC150-05-13.900A1-	13,9		60	124	77	45	14	☹
DC150-05-14.000A1-	14		60	124	77	45	14	☹
DC150-05-14.100A1-	14,1		63	133	83	48	16	☹
DC150-05-14.200A1-	14,2		63	133	83	48	16	☹
DC150-05-14.288A1-	14,288	9/16"	63	133	83	48	16	☹
DC150-05-14.300A1-	14,3		63	133	83	48	16	☹
DC150-05-14.500A1-	14,5		63	133	83	48	16	☹
DC150-05-14.600A1-	14,6		63	133	83	48	16	☹
DC150-05-14.700A1-	14,7		63	133	83	48	16	☹
DC150-05-14.750A1-	14,75		63	133	83	48	16	☹
DC150-05-15.000A1-	15		63	133	83	48	16	☹
DC150-05-15.100A1-	15,1		63	133	83	48	16	☹
DC150-05-15.200A1-	15,2		63	133	83	48	16	☹
DC150-05-15.300A1-	15,3		63	133	83	48	16	☹
DC150-05-15.500A1-	15,5		63	133	83	48	16	☹
DC150-05-15.800A1-	15,8		63	133	83	48	16	☹
DC150-05-15.875A1-	15,875	5/8"	63	133	83	48	16	☹
DC150-05-16.000A1-	16		63	133	83	48	16	☹

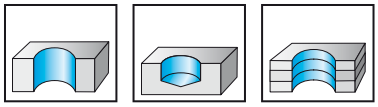
Ordering example: DC150 solid carbide coolant through drill with D_c 11 mm, WJ30RE grade
Ordering code: DC150-05-11.000A1-WJ30RE

☹ New addition to range

15 14

Solid carbide coolant through drills
Perform DC150

5 x D_c

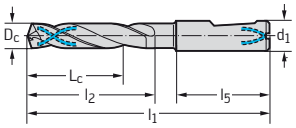


- Internal cooling
- Right-hand cutting
- 140° point angle

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 long

Shank DIN 6535 HE



Designation	D_c m7 mm	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-03.000F1-	3	23	66	28	36	6	☹
DC150-05-03.100F1-	3,1	23	66	28	36	6	☹
DC150-05-03.200F1-	3,2	23	66	28	36	6	☹
DC150-05-03.300F1-	3,3	23	66	28	36	6	☹
DC150-05-03.400F1-	3,4	23	66	28	36	6	☹
DC150-05-03.500F1-	3,5	23	66	28	36	6	☹
DC150-05-03.700F1-	3,7	23	66	28	36	6	☹
DC150-05-03.800F1-	3,8	29	74	36	36	6	☹
DC150-05-03.900F1-	3,9	29	74	36	36	6	☹
DC150-05-04.000F1-	4	29	74	36	36	6	☹
DC150-05-04.100F1-	4,1	29	74	36	36	6	☹
DC150-05-04.200F1-	4,2	29	74	36	36	6	☹
DC150-05-04.300F1-	4,3	29	74	36	36	6	☹
DC150-05-04.500F1-	4,5	29	74	36	36	6	☹
DC150-05-04.650F1-	4,65	29	74	36	36	6	☹
DC150-05-04.800F1-	4,8	35	82	44	36	6	☹
DC150-05-05.000F1-	5	35	82	44	36	6	☹
DC150-05-05.100F1-	5,1	35	82	44	36	6	☹
DC150-05-05.200F1-	5,2	35	82	44	36	6	☹
DC150-05-05.300F1-	5,3	35	82	44	36	6	☹
DC150-05-05.500F1-	5,5	35	82	44	36	6	☹
DC150-05-05.550F1-	5,55	35	82	44	36	6	☹
DC150-05-05.600F1-	5,6	35	82	44	36	6	☹
DC150-05-05.800F1-	5,8	35	82	44	36	6	☹
DC150-05-06.000F1-	6	35	82	44	36	6	☹
DC150-05-06.100F1-	6,1	43	91	53	36	8	☹
DC150-05-06.200F1-	6,2	43	91	53	36	8	☹
DC150-05-06.300F1-	6,3	43	91	53	36	8	☹
DC150-05-06.400F1-	6,4	43	91	53	36	8	☹
DC150-05-06.500F1-	6,5	43	91	53	36	8	☹
DC150-05-06.600F1-	6,6	43	91	53	36	8	☹
DC150-05-06.700F1-	6,7	43	91	53	36	8	☹
DC150-05-06.800F1-	6,8	43	91	53	36	8	☹
DC150-05-06.900F1-	6,9	43	91	53	36	8	☹
DC150-05-07.000F1-	7	43	91	53	36	8	☹
DC150-05-07.400F1-	7,4	43	91	53	36	8	☹
DC150-05-07.500F1-	7,5	43	91	53	36	8	☹
DC150-05-07.800F1-	7,8	43	91	53	36	8	☹
DC150-05-08.000F1-	8	43	91	53	36	8	☹
DC150-05-08.100F1-	8,1	49	103	61	40	10	☹
DC150-05-08.200F1-	8,2	49	103	61	40	10	☹
DC150-05-08.400F1-	8,4	49	103	61	40	10	☹
DC150-05-08.500F1-	8,5	49	103	61	40	10	☹
DC150-05-08.600F1-	8,6	49	103	61	40	10	☹
DC150-05-08.700F1-	8,7	49	103	61	40	10	☹
DC150-05-08.800F1-	8,8	49	103	61	40	10	☹
DC150-05-09.000F1-	9	49	103	61	40	10	☹

Ordering example: DC150 solid carbide coolant through drill with D_c 3 mm, WJ30RE grade
Ordering code: DC150-05-03.000F1-WJ30RE

☹ New addition to range

Continued

15 14

Solid carbide coolant through drills
Perform DC150

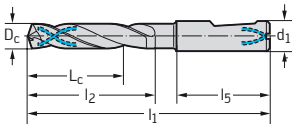
5 x D_c

Continued

	P	M	K	N	S	H	O
WJ30RE	●●	●●	●●	●●	●●	●●	●

DIN 6537 long

Shank DIN 6535 HE



Designation	D_c m7 mm	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-09.300F1-	9,3	49	103	61	40	10	☹
DC150-05-09.500F1-	9,5	49	103	61	40	10	☹
DC150-05-09.800F1-	9,8	49	103	61	40	10	☹
DC150-05-10.000F1-	10	49	103	61	40	10	☹
DC150-05-10.100F1-	10,1	56	118	71	45	12	☹
DC150-05-10.200F1-	10,2	56	118	71	45	12	☹
DC150-05-10.300F1-	10,3	56	118	71	45	12	☹
DC150-05-10.400F1-	10,4	56	118	71	45	12	☹
DC150-05-10.500F1-	10,5	56	118	71	45	12	☹
DC150-05-11.000F1-	11	56	118	71	45	12	☹
DC150-05-11.200F1-	11,2	56	118	71	45	12	☹
DC150-05-11.500F1-	11,5	56	118	71	45	12	☹
DC150-05-11.700F1-	11,7	56	118	71	45	12	☹
DC150-05-11.800F1-	11,8	56	118	71	45	12	☹
DC150-05-12.000F1-	12	56	118	71	45	12	☹
DC150-05-12.200F1-	12,2	60	124	77	45	14	☹
DC150-05-12.500F1-	12,5	60	124	77	45	14	☹
DC150-05-12.700F1-	12,7	60	124	77	45	14	☹
DC150-05-12.800F1-	12,8	60	124	77	45	14	☹
DC150-05-13.000F1-	13	60	124	77	45	14	☹
DC150-05-13.500F1-	13,5	60	124	77	45	14	☹
DC150-05-13.800F1-	13,8	60	124	77	45	14	☹
DC150-05-14.000F1-	14	60	124	77	45	14	☹
DC150-05-14.100F1-	14,1	63	133	83	48	16	☹
DC150-05-14.200F1-	14,2	63	133	83	48	16	☹
DC150-05-14.500F1-	14,5	63	133	83	48	16	☹
DC150-05-14.800F1-	14,8	63	133	83	48	16	☹
DC150-05-15.000F1-	15	63	133	83	48	16	☹
DC150-05-15.100F1-	15,1	63	133	83	48	16	☹
DC150-05-15.500F1-	15,5	63	133	83	48	16	☹
DC150-05-15.800F1-	15,8	63	133	83	48	16	☹
DC150-05-16.000F1-	16	63	133	83	48	16	☹

Ordering example: DC150 solid carbide coolant through drill with D_c 10 mm, WJ30RE grade
Ordering code: DC150-05-10.000F1-WJ30RE

☹ New addition to range

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Cutting data for solid carbide drills from the DC150 product family

The specified cutting data are average recommended values.
For special applications, adjustment is recommended.

= Cutting data for wet machining
= Dry machining is possible, cutting data must be selected from Walter GPS

E = Emulsion
O = Oil
M = MQL
L = Dry

v_c = Cutting speed
VRR = Feed rate chart – see page 15

				Drilling depth			**3 x D_c**				**5 x D_c**			
				Product family			**DC150**				**DC150**			
				Dimensions			DIN 6537 K				DIN 6537 L			
				Dia. range (mm)			3,00 – 16,00				3,00 – 16,00			
				Cooling			External cooling				Internal cooling			
				Grade			WJ30RE				WJ30RE			
				Page			5 / 8				9 / 12			
Material group	**Workpiece material**			Brinell hardness HB	Tensile strength R_m N/mm²	Machining group [1]	v_c	VRR			v_c	VRR		
P	Non-alloyed steel	C ≤ 0.25%	Annealed	125	428	P1	100	10	**E O**	**M L**	113	10	**E O**	**M L**
		C > 0.25... ≤ 0.55%	Annealed	190	639	P2	90	10	**E O**	**M L**	94	10	**E O**	**M L**
		C > 0.25... ≤ 0.55%	Tempered	210	708	P3	85	10	**E O**	**M L**	89	10	**E O**	**M L**
		C > 0.55%	Annealed	190	639	P4	92	10	**E O**	**M L**	94	10	**E O**	**M L**
		C > 0.55%	Tempered	300	1013	P5	64	8	**E O**	**M L**	67	8	**E O**	**M L**
		Free cutting steel (short-chipping)	Annealed	220	745	P6	100	10	**E O**	**M L**	113	12	**E O**	**M L**
	Low-alloyed steel	Annealed		175	591	P7	90	10	**E O**	**M L**	94	10	**E O**	**M L**
		Tempered		300	1013	P8	63	8	**E O**	**M L**	67	8	**E O**	**M L**
		Tempered		380	1282	P9	43	5	**O E**		45	6	**O E**	
		Tempered		430	1477	P10	34	3	**O E**		36	4	**O E**	
	High-alloyed steel and high-alloyed tool steel	Annealed		200	675	P11	55	7	**E O**		59	8	**E O**	
		Hardened and tempered		300	1013	P12	51	6	**E O**		53	7	**E O**	
		Hardened and tempered		400	1361	P13	34	3	**O E**		36	4	**O E**	
	Stainless steel	Ferritic/martensitic, annealed		200	675	P14	57	7	**E O**		59	8	**E O**	
		Martensitic, tempered		330	1114	P15	38	5	**E O**		39	7	**E O**	
M	Stainless steel	Austenitic, quench hardened		200	675	M1					40	5	**E O**	
		Austenitic, precipitation hardened (PH)		300	1013	M2	45	5	**E O**		51	6	**E O**	
		Austenitic/ferritic, duplex		230	778	M3					33	5	**E O**	
K	Malleable cast iron	Ferritic		200	675	K1	85	16	**E O**	**M L**	87	16	**E O**	**M L**
		Pearlitic		260	867	K2	63	12	**E O**	**M L**	65	12	**E O**	**M L**
	Grey cast iron	Low tensile strength		180	602	K3	100	16	**E O**	**M L**	110	16	**E O**	**M L**
		High tensile strength/austenitic		245	825	K4	85	16	**E O**	**M L**	87	16	**E O**	**M L**
	Cast iron with spheroidal graphite	Ferritic		155	518	K5	85	16	**E O**	**M L**	87	16	**E O**	**M L**
		Pearlitic		265	885	K6	63	12	**E O**	**M L**	65	12	**E O**	**M L**
	GGV (CGI)			200	675	K7	75	16	**E O**	**M L**	78	16	**E O**	**M L**
N	Aluminium wrought alloys	Cannot be hardened		30	–	N1					400	16	**E O**	**M**
		Hardenable, hardened		100	343	N2					400	16	**E O**	**M**
	Cast aluminium alloys	≤ 12% Si, cannot be hardened		75	260	N3	220	16	**E O**		240	16	**E O**	**M**
		≤ 12% Si, hardenable, hardened		90	314	N4	200	16	**E O**		230	16	**E O**	**M**
		> 12% Si, cannot be hardened		130	447	N5	160	12	**E O**		182	16	**E O**	**M**
	Magnesium alloys			70	250	N6					230	16		**M L**
	Copper and copper alloys (bronze/brass)	Non-alloyed, electrolytic copper		100	343	N7	190	6	**E O**	**M**	173	8	**E O**	**M**
		Brass, bronze, red brass		90	314	N8	160	10	**E O**		144	10	**E O**	
		Cu-alloys, short-chipping		110	382	N9	180	16	**E O**	**M L**	182	16	**E O**	**M**
		High-strength, Ampco		300	1013	N10	67	7	**E O**	**M L**	54	7	**E O**	
S	Heat-resistant alloys	Fe-based	Annealed	200	675	S1					41	5	**E O**	
			Hardened	280	943	S2					24	4	**O E**	
		Ni or Co-based	Annealed	250	839	S3					29	4	**E O**	
			Hardened	350	1177	S4					15	3	**O E**	
			Cast	320	1076	S5					18	3	**O E**	
	Titanium alloys	Pure titanium		200	675	S6	40	5	**O E**		47	6	**O E**	
		α and β alloys, hardened		375	1262	S7	34	4	**O E**		39	5	**O E**	
		β alloys		410	1396	S8					11	3	**O E**	
	Tungsten alloys			300	1013	S9	67	8	**E O**		55	7	**E O**	
	Molybdenum alloys			300	1013	S10	67	8	**E O**		55	7	**E O**	
H	Hardened steel	Hardened and tempered		50 HRC	–	H1	26	3	**O E**		28	3	**O E**	
		Hardened and tempered		55 HRC	–	H2	22	3	**O E**		24	3	**O E**	
		Hardened and tempered		60 HRC	–	H3								
	Hardened cast iron	Hardened and tempered		55 HRC	–	H4	22	3	**O E**		24	3	**O E**	
O	Thermoplastics	Without abrasive fillers				O1	85	16	**E O**		100	16	**E O**	
	Thermosetting plastics	Without abrasive fillers				O2								
	Plastic, glass-fibre reinforced	GFRP				O3								
	Plastic, carbon-fibre reinforced	CFRP				O4								
	Plastic, aramid-fibre reinforced	AFRP				O5								
	Graphite (technical)			80 Shore		O6								

[1] The classification of the machining groups can be found in the Walter General Catalogue 2012 from page H 8 onwards.

VRR: Feed rate charts for solid carbide drills from the DC150 product family

VRR	Feed rate f (mm) for dia. (mm)							
	3	5	6	8	10	12	15	20
1	0,013	0,017	0,018	0,021	0,024	0,026	0,029	0,033
2	0,027	0,033	0,037	0,042	0,047	0,052	0,058	0,067
3	0,040	0,050	0,055	0,063	0,071	0,077	0,087	0,10
4	0,053	0,067	0,073	0,084	0,094	0,10	0,12	0,13
5	0,067	0,083	0,091	0,11	0,12	0,13	0,14	0,17
6	0,080	0,10	0,11	0,13	0,14	0,15	0,17	0,20
7	0,093	0,12	0,13	0,15	0,16	0,18	0,20	0,23
8	0,11	0,13	0,15	0,17	0,19	0,21	0,23	0,27
9	0,12	0,15	0,16	0,19	0,21	0,23	0,26	0,30
10	0,13	0,17	0,18	0,21	0,24	0,26	0,29	0,33
12	0,16	0,20	0,22	0,25	0,28	0,31	0,35	0,40
16	0,21	0,27	0,29	0,34	0,38	0,41	0,46	0,53
20	0,27	0,33	0,37	0,42	0,47	0,52	0,58	0,67

Regrinding and coating service: Top quality, easy handling and prompt delivery

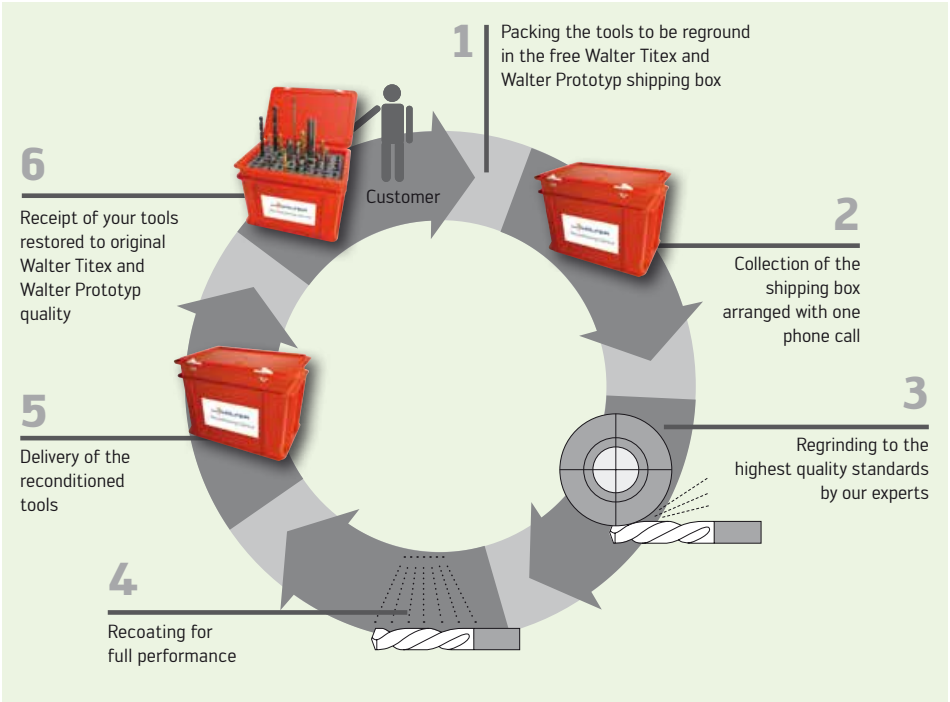
The Walter Multiply "Almost as good as new" workflow

Demanding customers require 100 % performance at all times. This requirement must of course also apply to reconditioning when it comes to users of high-performance tools. As it is carrying out numerous machining steps, a tool is returned to an "almost as good as new" condition by Walter Multiply. This has been proven in actual practice. The reconditioned tool impresses customers with its 100 % performance. It's worth it, no question about it: The service life of a tool is extended each time it is reconditioned.

Take advantage of the clear benefits of Walter Multiply:

- Original geometry and coating
- Certified reconditioning cycles
- Stable production processes thanks to consistent tool life

Reliable, just like the tool itself: The reconditioning cycle of Walter Multiply

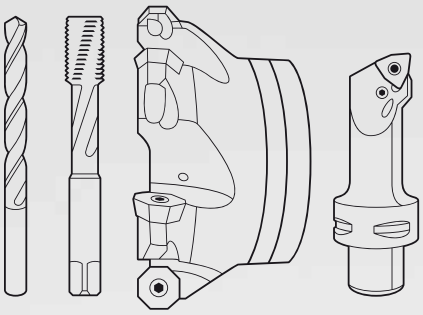


Not to be ignored, and extremely practical: The Walter RedBox for collecting tools is provided and collected by Walter free of charge

Walter AG

Derendinger Straße 53, 72072 Tübingen
Postfach 2049, 72010 Tübingen
Germany

www.walter-tools.com



Walter GB Ltd.
Bromsgrove, England
+44 (1527) 839 450, service.uk@walter-tools.com

Walter Kesici Takımlar Sanayi ve Ticaret Ltd. Şti.
Istanbul, Türkiye
+90 (216) 528 1900 Pbx, service.tr@walter-tools.com

Walter Wuxi Co. Ltd.
Wuxi, Jiangsu, P.R. China
+86 (510) 8241 9399, service.cn@walter-tools.com

Walter AG Singapore Pte. Ltd.
+65 6773 6180, service.sg@walter-tools.com

Walter Korea Ltd.
Anyang-si Gyeonggi-do, Korea
+82 (31) 337 6100, service.kr@walter-tools.com

Walter Tools India Pvt. Ltd.
Pune, India
+91 (20) 3045 7300, service.in@walter-tools.com

Walter (Thailand) Co., Ltd.
Bangkok, 10120, Thailand
+66 2 687 0388, service.th@walter-tools.com

Walter Malaysia Sdn. Bhd.
Selangor D.E., Malaysia
+60 (3) 8023 7748, service.my@walter-tools.com

Walter Tooling Japan K.K.
Nagoya, Japan
+81 (52) 723 5800, service.jp@walter-tools.com

Walter USA, LLC
Waukesha WI, USA
+1 800-945-5554, service.us@walter-tools.com

Walter Canada
Mississauga, Canada
service.ca@walter-tools.com

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