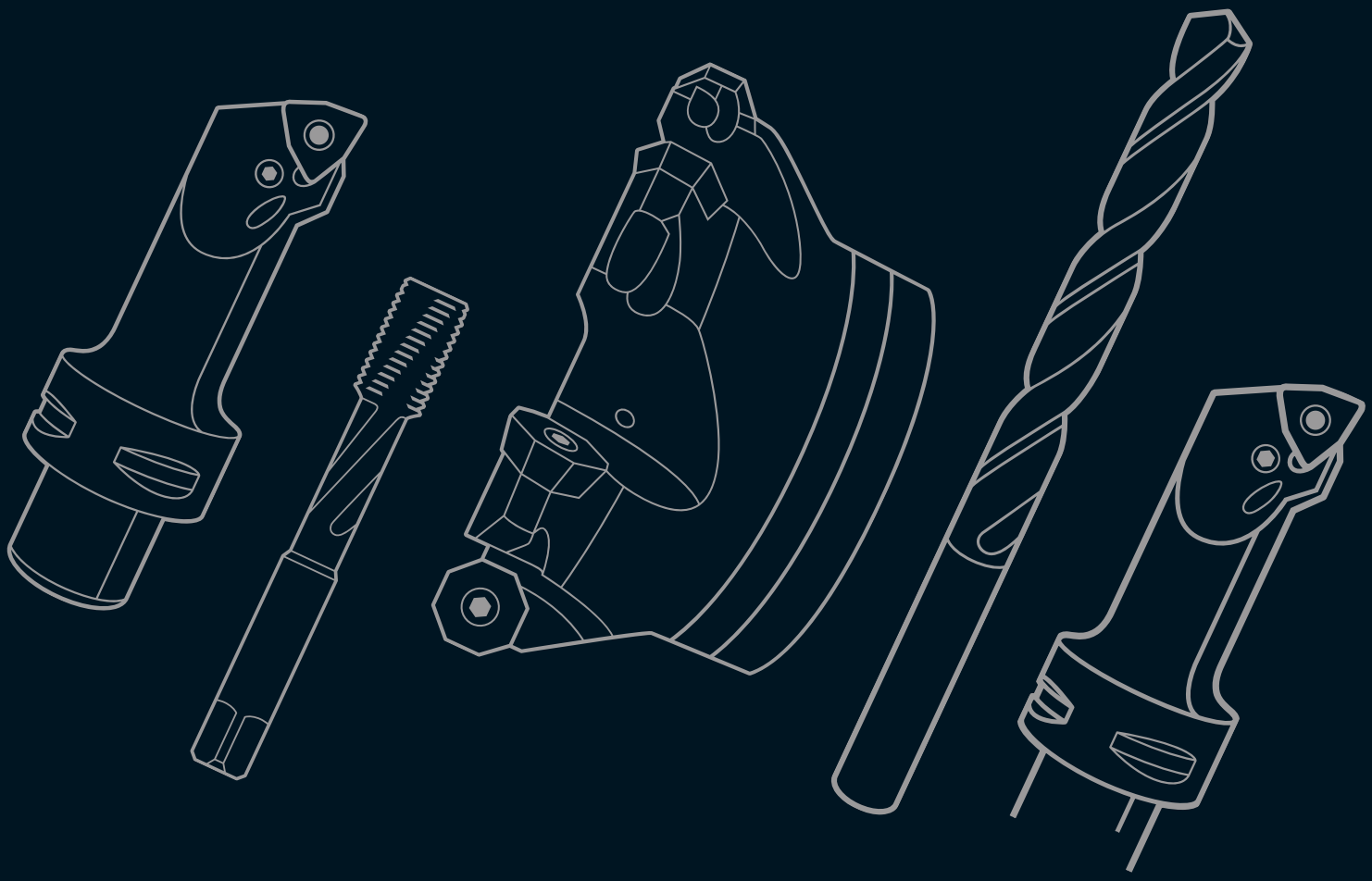
WALTER
Engineering Kompetenz

For complete product offering, see the 2018 General Catalog

General Purpose Tools



WALTER | WALTER TITEX | WALTER PROTOTYP


WALTER
WALTER

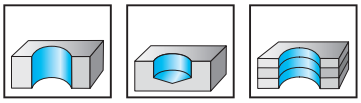
Walter Titex

3xD and 5xD Non-Coolant through

Carbide Drills

For complete product offering, see the 2018 General Catalog

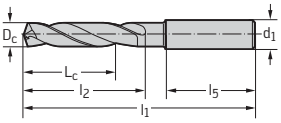
Solid carbide twist drills
DC150 Perform



3×D_c	DIN 6537 K		140°

	P	M	K	N	S	H	O
WJ30RE	●●	●	●●	●	●	●	●

Shank DIN 6535 HA



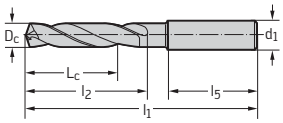
Designation	D_c m7 mm	D_c inches/ no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-03.000A0-	3		14	62	20	36	6	●
DC150-03-03.100A0-	3.1		14	62	20	36	6	●
DC150-03-03.175A0-	3.175	1/8"	14	62	20	36	6	●
DC150-03-03.200A0-	3.2		14	62	20	36	6	●
DC150-03-03.250A0-	3.25		14	62	20	36	6	●
DC150-03-03.300A0-	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 for the WJ30RE grade: DC150-03-03.000A0-WJ30RE

Continued

Continued

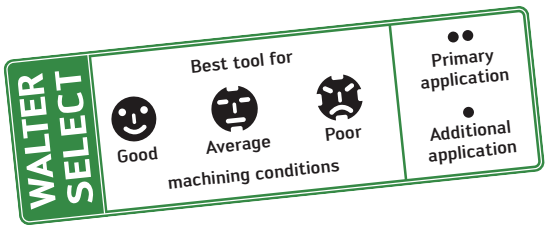
Shank DIN 6535 HA



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	●●
DC150-03-07.700A0-	7.7		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	●●
DC150-03-09.900A0-	9.9		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	●●
DC150-03-10.400A0-	10.4		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	●●

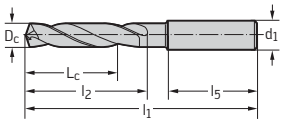
Ordering example for the WJ30RE grade: DC150-03-03.000A0-WJ30RE

Continued



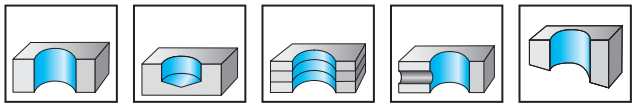
Continued

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
DC150-03-11.300A0-	11.3		40	102	55	45	12	●
DC150-03-11.400A0-	11.4		40	102	55	45	12	●
DC150-03-11.500A0-	11.5		40	102	55	45	12	●
DC150-03-11.509A0-	11.509	29/64"	40	102	55	45	12	●
DC150-03-11.700A0-	11.7		40	102	55	45	12	●
DC150-03-11.800A0-	11.8		40	102	55	45	12	●
DC150-03-11.900A0-	11.9		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	●
DC150-03-12.250A0-	12.25		43	107	60	45	14	●
DC150-03-12.300A0-	12.3		43	107	60	45	14	●
DC150-03-12.303A0-	12.303	31/64"	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	●
DC150-03-13.300A0-	13.3		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	●
DC150-03-14.200A0-	14.2		45	115	65	48	16	●
DC150-03-14.288A0-	14.288	9/16"	45	115	65	48	16	●
DC150-03-14.500A0-	14.5		45	115	65	48	16	●
DC150-03-14.700A0-	14.7		45	115	65	48	16	●
DC150-03-14.800A0-	14.8		45	115	65	48	16	●
DC150-03-15.000A0-	15		45	115	65	48	16	●
DC150-03-15.100A0-	15.1		45	115	65	48	16	●
DC150-03-15.500A0-	15.5		45	115	65	48	16	●
DC150-03-15.800A0-	15.8		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	●
DC150-03-16.500A0-	16.5		51	123	73	48	18	●
DC150-03-16.750A0-	16.75		51	123	73	48	18	●
DC150-03-17.000A0-	17		51	123	73	48	18	●
DC150-03-17.500A0-	17.5		51	123	73	48	18	●
DC150-03-17.800A0-	17.8		51	123	73	48	18	●
DC150-03-18.000A0-	18		51	123	73	48	18	●
DC150-03-19.000A0-	19		55	131	79	50	20	●
DC150-03-20.000A0-	20		55	131	79	50	20	●

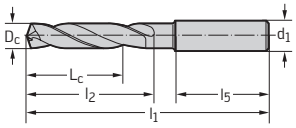
Solid carbide twist drills
DC150 Perform



5×D_c | DIN 6537 L | 140°

	P	M	K	N	S	H	O
WJ30TA	●●	●	●●	●	●	●	●

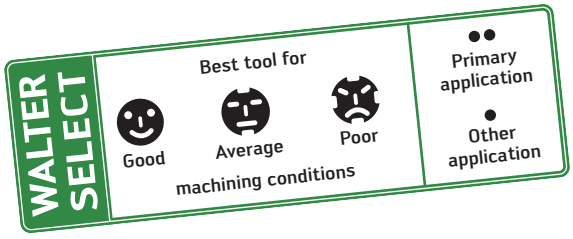
Shank DIN 6535 HA



Designation	D_c m7 mm	D_c Inch/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-05-03.000A0-	3		23	66	28	36	6	●
DC150-05-03.100A0-	3,1		23	66	28	36	6	●
DC150-05-03.175A0-	3,175	1/8"	23	66	28	36	6	●
DC150-05-03.200A0-	3,2		23	66	28	36	6	●
DC150-05-03.250A0-	3,25		23	66	28	36	6	●
DC150-05-03.300A0-	3,3		23	66	28	36	6	●
DC150-05-03.400A0-	3,4		23	66	28	36	6	●
DC150-05-03.500A0-	3,5		23	66	28	36	6	●
DC150-05-03.600A0-	3,6		23	66	28	36	6	●
DC150-05-03.650A0-	3,65		23	66	28	36	6	●
DC150-05-03.700A0-	3,7		23	66	28	36	6	●
DC150-05-03.800A0-	3,8		29	74	36	36	6	●
DC150-05-03.900A0-	3,9		29	74	36	36	6	●
DC150-05-03.969A0-	3,969	5/32"	29	74	36	36	6	●
DC150-05-04.000A0-	4		29	74	36	36	6	●
DC150-05-04.100A0-	4,1		29	74	36	36	6	●
DC150-05-04.200A0-	4,2		29	74	36	36	6	●
DC150-05-04.300A0-	4,3		29	74	36	36	6	●
DC150-05-04.366A0-	4,366	11/64"	29	74	36	36	6	●
DC150-05-04.400A0-	4,4		29	74	36	36	6	●
DC150-05-04.500A0-	4,5		29	74	36	36	6	●
DC150-05-04.600A0-	4,6		29	74	36	36	6	●
DC150-05-04.650A0-	4,65		29	74	36	36	6	●
DC150-05-04.700A0-	4,7		29	74	36	36	6	●
DC150-05-04.763A0-	4,763	3/16"	35	82	44	36	6	●
DC150-05-04.800A0-	4,8		35	82	44	36	6	●
DC150-05-04.900A0-	4,9		35	82	44	36	6	●
DC150-05-05.000A0-	5		35	82	44	36	6	●
DC150-05-05.100A0-	5,1		35	82	44	36	6	●
DC150-05-05.159A0-	5,159	13/64"	35	82	44	36	6	●
DC150-05-05.200A0-	5,2		35	82	44	36	6	●
DC150-05-05.300A0-	5,3		35	82	44	36	6	●
DC150-05-05.400A0-	5,4		35	82	44	36	6	●
DC150-05-05.500A0-	5,5		35	82	44	36	6	●
DC150-05-05.550A0-	5,55		35	82	44	36	6	●
DC150-05-05.556A0-	5,556	7/32"	35	82	44	36	6	●
DC150-05-05.600A0-	5,6		35	82	44	36	6	●
DC150-05-05.700A0-	5,7		35	82	44	36	6	●
DC150-05-05.800A0-	5,8		35	82	44	36	6	●
DC150-05-05.900A0-	5,9		35	82	44	36	6	●
DC150-05-05.953A0-	5,953	15/64"	35	82	44	36	6	●
DC150-05-06.000A0-	6		35	82	44	36	6	●
DC150-05-06.100A0-	6,1		43	91	53	36	8	●

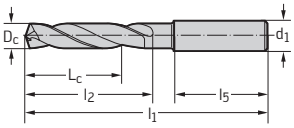
Ordering example for the WJ30TA grade: DC150-05-03.000A0-WJ30TA

Continued



Continued

Shank DIN 6535 HA



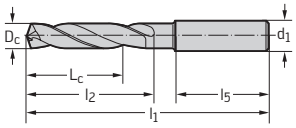
Designation	D_c m7 mm	D_c Inch/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-05-06.200A0-	6,2		43	91	53	36	8	
DC150-05-06.300A0-	6,3		43	91	53	36	8	
DC150-05-06.350A0-	6,35	1/4"	43	91	53	36	8	
DC150-05-06.400A0-	6,4		43	91	53	36	8	
DC150-05-06.500A0-	6,5		43	91	53	36	8	
DC150-05-06.600A0-	6,6		43	91	53	36	8	
DC150-05-06.700A0-	6,7		43	91	53	36	8	
DC150-05-06.747A0-	6,747	17/64"	43	91	53	36	8	
DC150-05-06.800A0-	6,8		43	91	53	36	8	
DC150-05-06.900A0-	6,9		43	91	53	36	8	
DC150-05-07.000A0-	7		43	91	53	36	8	
DC150-05-07.100A0-	7,1		43	91	53	36	8	
DC150-05-07.144A0-	7,144	9/32"	43	91	53	36	8	
DC150-05-07.200A0-	7,2		43	91	53	36	8	
DC150-05-07.300A0-	7,3		43	91	53	36	8	
DC150-05-07.400A0-	7,4		43	91	53	36	8	
DC150-05-07.500A0-	7,5		43	91	53	36	8	
DC150-05-07.600A0-	7,6		43	91	53	36	8	
DC150-05-07.700A0-	7,7		43	91	53	36	8	
DC150-05-07.800A0-	7,8		43	91	53	36	8	
DC150-05-07.900A0-	7,9		43	91	53	36	8	
DC150-05-07.938A0-	7,938	5/16"	43	91	53	36	8	
DC150-05-08.000A0-	8		43	91	53	36	8	
DC150-05-08.100A0-	8,1		49	103	61	40	10	
DC150-05-08.200A0-	8,2		49	103	61	40	10	
DC150-05-08.300A0-	8,3		49	103	61	40	10	
DC150-05-08.334A0-	8,334	21/64"	49	103	61	40	10	
DC150-05-08.400A0-	8,4		49	103	61	40	10	
DC150-05-08.500A0-	8,5		49	103	61	40	10	
DC150-05-08.600A0-	8,6		49	103	61	40	10	
DC150-05-08.700A0-	8,7		49	103	61	40	10	
DC150-05-08.731A0-	8,731	11/32"	49	103	61	40	10	
DC150-05-08.800A0-	8,8		49	103	61	40	10	
DC150-05-08.900A0-	8,9		49	103	61	40	10	
DC150-05-09.000A0-	9		49	103	61	40	10	
DC150-05-09.100A0-	9,1		49	103	61	40	10	
DC150-05-09.128A0-	9,128	23/64"	49	103	61	40	10	
DC150-05-09.200A0-	9,2		49	103	61	40	10	
DC150-05-09.300A0-	9,3		49	103	61	40	10	
DC150-05-09.400A0-	9,4		49	103	61	40	10	
DC150-05-09.500A0-	9,5		49	103	61	40	10	
DC150-05-09.525A0-	9,525	3/8"	49	103	61	40	10	
DC150-05-09.600A0-	9,6		49	103	61	40	10	
DC150-05-09.700A0-	9,7		49	103	61	40	10	
DC150-05-09.800A0-	9,8		49	103	61	40	10	
DC150-05-09.900A0-	9,9		49	103	61	40	10	
DC150-05-09.922A0-	9,922	25/64"	49	103	61	40	10	
DC150-05-10.000A0-	10		49	103	61	40	10	
DC150-05-10.100A0-	10,1		56	118	71	45	12	
DC150-05-10.200A0-	10,2		56	118	71	45	12	
DC150-05-10.300A0-	10,3		56	118	71	45	12	
DC150-05-10.319A0-	10,319	13/32"	56	118	71	45	12	
DC150-05-10.400A0-	10,4		56	118	71	45	12	
DC150-05-10.500A0-	10,5		56	118	71	45	12	
DC150-05-10.600A0-	10,6		56	118	71	45	12	
DC150-05-10.700A0-	10,7		56	118	71	45	12	
DC150-05-10.716A0-	10,716	27/64"	56	118	71	45	12	
DC150-05-10.800A0-	10,8		56	118	71	45	12	
DC150-05-11.000A0-	11		56	118	71	45	12	
DC150-05-11.113A0-	11,113	7/16"	56	118	71	45	12	
DC150-05-11.200A0-	11,2		56	118	71	45	12	

Ordering example for the WJ30TA grade: DC150-05-03.000A0-WJ30TA

Continued

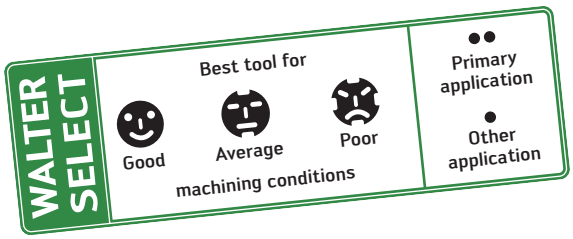
Continued

Shank DIN 6535 HA



Designation	D_c m7 mm	D_c Inch/no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-05-11.500A0-	11,5		56	118	71	45	12	
DC150-05-11.800A0-	11,8		56	118	71	45	12	
DC150-05-11.906A0-	11,906	15/32"	56	118	71	45	12	
DC150-05-12.000A0-	12		56	118	71	45	12	
DC150-05-12.200A0-	12,2		60	124	77	45	14	
DC150-05-12.300A0-	12,3		60	124	77	45	14	
DC150-05-12.400A0-	12,4		60	124	77	45	14	
DC150-05-12.500A0-	12,5		60	124	77	45	14	
DC150-05-12.600A0-	12,6		60	124	77	45	14	
DC150-05-12.700A0-	12,7	1/2"	60	124	77	45	14	
DC150-05-13.000A0-	13		60	124	77	45	14	
DC150-05-13.200A0-	13,2		60	124	77	45	14	
DC150-05-13.494A0-	13,494	17/32"	60	124	77	45	14	
DC150-05-13.500A0-	13,5		60	124	77	45	14	
DC150-05-13.800A0-	13,8		60	124	77	45	14	
DC150-05-14.000A0-	14		60	124	77	45	14	
DC150-05-14.200A0-	14,2		63	133	83	48	16	
DC150-05-14.288A0-	14,288	9/16"	63	133	83	48	16	
DC150-05-14.500A0-	14,5		63	133	83	48	16	
DC150-05-15.000A0-	15		63	133	83	48	16	
DC150-05-15.500A0-	15,5		63	133	83	48	16	
DC150-05-15.800A0-	15,8		63	133	83	48	16	
DC150-05-16.000A0-	16		63	133	83	48	16	
DC150-05-16.500A0-	16,5		71	143	93	48	18	
DC150-05-17.000A0-	17		71	143	93	48	18	
DC150-05-17.500A0-	17,5		71	143	93	48	18	
DC150-05-18.000A0-	18		71	143	93	48	18	
DC150-05-19.000A0-	19		77	153	101	50	20	
DC150-05-19.500A0-	19,5		77	153	101	50	20	
DC150-05-20.000A0-	20		77	153	101	50	20	

Ordering example for the WJ30TA grade: DC150-05-03.000A0-WJ30TA



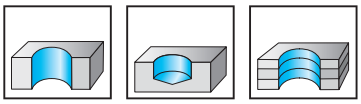
Walter Titex

3xD, 5xD, 8xD and 12xD

Coolant through Carbide Drills

For complete product offering, see the 2018 General Catalog

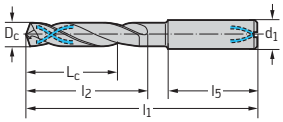
Solid carbide twist drills
DC150 Perform



3×D_c | DIN 6537 K | 140°

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

Shank DIN 6535 HA



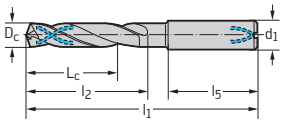
Designation	D_c m7 mm	D_c inches/ no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-03.000A1-	3		14	62	20	36	6	●
DC150-03-03.100A1-	3,1		14	62	20	36	6	●
DC150-03-03.175A1-	3,175	1/8"	14	62	20	36	6	●
DC150-03-03.200A1-	3,2		14	62	20	36	6	●
DC150-03-03.250A1-	3,25		14	62	20	36	6	●
DC150-03-03.300A1-	3,3		14	62	20	36	6	●
DC150-03-03.400A1-	3,4		14	62	20	36	6	●
DC150-03-03.500A1-	3,5		14	62	20	36	6	●
DC150-03-03.572A1-	3,572	9/64"	14	62	20	36	6	●
DC150-03-03.600A1-	3,6		14	62	20	36	6	●
DC150-03-03.650A1-	3,65		14	62	20	36	6	●
DC150-03-03.700A1-	3,7		14	62	20	36	6	●
DC150-03-03.800A1-	3,8		17	66	24	36	6	●
DC150-03-03.900A1-	3,9		17	66	24	36	6	●
DC150-03-03.969A1-	3,969	5/32"	17	66	24	36	6	●
DC150-03-04.000A1-	4		17	66	24	36	6	●
DC150-03-04.100A1-	4,1		17	66	24	36	6	●
DC150-03-04.200A1-	4,2		17	66	24	36	6	●
DC150-03-04.300A1-	4,3		17	66	24	36	6	●
DC150-03-04.366A1-	4,366	11/64"	17	66	24	36	6	●
DC150-03-04.400A1-	4,4		17	66	24	36	6	●
DC150-03-04.500A1-	4,5		17	66	24	36	6	●
DC150-03-04.600A1-	4,6		17	66	24	36	6	●
DC150-03-04.650A1-	4,65		17	66	24	36	6	●
DC150-03-04.700A1-	4,7		17	66	24	36	6	●
DC150-03-04.763A1-	4,763	3/16"	20	66	28	36	6	●
DC150-03-04.800A1-	4,8		20	66	28	36	6	●
DC150-03-04.900A1-	4,9		20	66	28	36	6	●
DC150-03-05.000A1-	5		20	66	28	36	6	●
DC150-03-05.100A1-	5,1		20	66	28	36	6	●
DC150-03-05.159A1-	5,159	13/64"	20	66	28	36	6	●
DC150-03-05.200A1-	5,2		20	66	28	36	6	●
DC150-03-05.300A1-	5,3		20	66	28	36	6	●
DC150-03-05.400A1-	5,4		20	66	28	36	6	●
DC150-03-05.500A1-	5,5		20	66	28	36	6	●
DC150-03-05.550A1-	5,55		20	66	28	36	6	●
DC150-03-05.556A1-	5,556	7/32"	20	66	28	36	6	●
DC150-03-05.600A1-	5,6		20	66	28	36	6	●
DC150-03-05.700A1-	5,7		20	66	28	36	6	●
DC150-03-05.800A1-	5,8		20	66	28	36	6	●
DC150-03-05.900A1-	5,9		20	66	28	36	6	●
DC150-03-05.953A1-	5,953	15/64"	20	66	28	36	6	●
DC150-03-06.000A1-	6		20	66	28	36	6	●
DC150-03-06.100A1-	6,1		24	79	34	36	8	●
DC150-03-06.200A1-	6,2		24	79	34	36	8	●
DC150-03-06.300A1-	6,3		24	79	34	36	8	●
DC150-03-06.350A1-	6,35	1/4"	24	79	34	36	8	●

Ordering example for the WJ30RE grade: DC150-03-03.000A1-WJ30RE

Continued

Continued

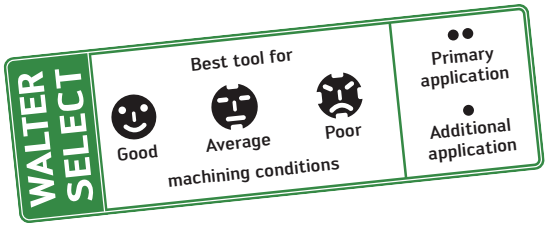
Shank DIN 6535 HA



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
DC150-03-06.400A1-	6,4		24	79	34	36	8	●●
DC150-03-06.500A1-	6,5		24	79	34	36	8	●●
DC150-03-06.600A1-	6,6		24	79	34	36	8	●●
DC150-03-06.700A1-	6,7		24	79	34	36	8	●●
DC150-03-06.747A1-	6,747	17/64"	24	79	34	36	8	●●
DC150-03-06.800A1-	6,8		24	79	34	36	8	●●
DC150-03-06.900A1-	6,9		24	79	34	36	8	●●
DC150-03-07.000A1-	7		24	79	34	36	8	●●
DC150-03-07.100A1-	7,1		29	79	41	36	8	●●
DC150-03-07.144A1-	7,144	9/32"	29	79	41	36	8	●●
DC150-03-07.200A1-	7,2		29	79	41	36	8	●●
DC150-03-07.300A1-	7,3		29	79	41	36	8	●●
DC150-03-07.400A1-	7,4		29	79	41	36	8	●●
DC150-03-07.500A1-	7,5		29	79	41	36	8	●●
DC150-03-07.541A1-	7,541	19/64"	29	79	41	36	8	●●
DC150-03-07.600A1-	7,6		29	79	41	36	8	●●
DC150-03-07.700A1-	7,7		29	79	41	36	8	●●
DC150-03-07.800A1-	7,8		29	79	41	36	8	●●
DC150-03-07.900A1-	7,9		29	79	41	36	8	●●
DC150-03-07.938A1-	7,938	5/16"	29	79	41	36	8	●●
DC150-03-08.000A1-	8		29	79	41	36	8	●●
DC150-03-08.100A1-	8,1		35	89	47	40	10	●●
DC150-03-08.200A1-	8,2		35	89	47	40	10	●●
DC150-03-08.300A1-	8,3		35	89	47	40	10	●●
DC150-03-08.334A1-	8,334	21/64"	35	89	47	40	10	●●
DC150-03-08.400A1-	8,4		35	89	47	40	10	●●
DC150-03-08.500A1-	8,5		35	89	47	40	10	●●
DC150-03-08.600A1-	8,6		35	89	47	40	10	●●
DC150-03-08.700A1-	8,7		35	89	47	40	10	●●
DC150-03-08.731A1-	8,731	11/32"	35	89	47	40	10	●●
DC150-03-08.800A1-	8,8		35	89	47	40	10	●●
DC150-03-08.900A1-	8,9		35	89	47	40	10	●●
DC150-03-09.000A1-	9		35	89	47	40	10	●●
DC150-03-09.100A1-	9,1		35	89	47	40	10	●●
DC150-03-09.128A1-	9,128	23/64"	35	89	47	40	10	●●
DC150-03-09.200A1-	9,2		35	89	47	40	10	●●
DC150-03-09.300A1-	9,3		35	89	47	40	10	●●
DC150-03-09.400A1-	9,4		35	89	47	40	10	●●
DC150-03-09.500A1-	9,5		35	89	47	40	10	●●
DC150-03-09.525A1-	9,525	3/8"	35	89	47	40	10	●●
DC150-03-09.600A1-	9,6		35	89	47	40	10	●●
DC150-03-09.700A1-	9,7		35	89	47	40	10	●●
DC150-03-09.800A1-	9,8		35	89	47	40	10	●●
DC150-03-09.900A1-	9,9		35	89	47	40	10	●●
DC150-03-09.922A1-	9,922	25/64"	35	89	47	40	10	●●
DC150-03-10.000A1-	10		35	89	47	40	10	●●
DC150-03-10.100A1-	10,1		40	102	55	45	12	●●
DC150-03-10.200A1-	10,2		40	102	55	45	12	●●
DC150-03-10.300A1-	10,3		40	102	55	45	12	●●
DC150-03-10.319A1-	10,319	13/32"	40	102	55	45	12	●●
DC150-03-10.400A1-	10,4		40	102	55	45	12	●●
DC150-03-10.500A1-	10,5		40	102	55	45	12	●●
DC150-03-10.600A1-	10,6		40	102	55	45	12	●●
DC150-03-10.700A1-	10,7		40	102	55	45	12	●●
DC150-03-10.716A1-	10,716	27/64"	40	102	55	45	12	●●
DC150-03-10.800A1-	10,8		40	102	55	45	12	●●
DC150-03-10.900A1-	10,9		40	102	55	45	12	●●

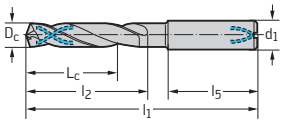
Ordering example for the WJ30RE grade: DC150-03-03.000A1-WJ30RE

Continued



Continued

Shank DIN 6535 HA



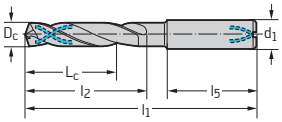
Designation	D_c m7 mm	D_c inches/ no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-03-11.000A1-	11		40	102	55	45	12	●
DC150-03-11.100A1-	11,1		40	102	55	45	12	●
DC150-03-11.113A1-	11,113	7/16"	40	102	55	45	12	●
DC150-03-11.200A1-	11,2		40	102	55	45	12	●
DC150-03-11.300A1-	11,3		40	102	55	45	12	●
DC150-03-11.400A1-	11,4		40	102	55	45	12	●
DC150-03-11.500A1-	11,5		40	102	55	45	12	●
DC150-03-11.509A1-	11,509	29/64"	40	102	55	45	12	●
DC150-03-11.600A1-	11,6		40	102	55	45	12	●
DC150-03-11.700A1-	11,7		40	102	55	45	12	●
DC150-03-11.800A1-	11,8		40	102	55	45	12	●
DC150-03-11.900A1-	11,9		40	102	55	45	12	●
DC150-03-11.906A1-	11,906	15/32"	40	102	55	45	12	●
DC150-03-12.000A1-	12		40	102	55	45	12	●
DC150-03-12.100A1-	12,1		43	107	60	45	14	●
DC150-03-12.200A1-	12,2		43	107	60	45	14	●
DC150-03-12.300A1-	12,3		43	107	60	45	14	●
DC150-03-12.303A1-	12,303	31/64"	43	107	60	45	14	●
DC150-03-12.500A1-	12,5		43	107	60	45	14	●
DC150-03-12.600A1-	12,6		43	107	60	45	14	●
DC150-03-12.700A1-	12,7	1/2"	43	107	60	45	14	●
DC150-03-12.800A1-	12,8		43	107	60	45	14	●
DC150-03-12.900A1-	12,9		43	107	60	45	14	●
DC150-03-13.000A1-	13		43	107	60	45	14	●
DC150-03-13.100A1-	13,1		43	107	60	45	14	●
DC150-03-13.200A1-	13,2		43	107	60	45	14	●
DC150-03-13.300A1-	13,3		43	107	60	45	14	●
DC150-03-13.494A1-	13,494	17/32"	43	107	60	45	14	●
DC150-03-13.500A1-	13,5		43	107	60	45	14	●
DC150-03-13.800A1-	13,8		43	107	60	45	14	●
DC150-03-14.000A1-	14		43	107	60	45	14	●
DC150-03-14.100A1-	14,1		45	115	65	48	16	●
DC150-03-14.200A1-	14,2		45	115	65	48	16	●
DC150-03-14.288A1-	14,288	9/16"	45	115	65	48	16	●
DC150-03-14.500A1-	14,5		45	115	65	48	16	●
DC150-03-14.600A1-	14,6		45	115	65	48	16	●
DC150-03-14.700A1-	14,7		45	115	65	48	16	●
DC150-03-15.000A1-	15		45	115	65	48	16	●
DC150-03-15.100A1-	15,1		45	115	65	48	16	●
DC150-03-15.300A1-	15,3		45	115	65	48	16	●
DC150-03-15.500A1-	15,5		45	115	65	48	16	●
DC150-03-15.700A1-	15,7		45	115	65	48	16	●
DC150-03-15.800A1-	15,8		45	115	65	48	16	●
DC150-03-15.875A1-	15,875	5/8"	45	115	65	48	16	●
DC150-03-16.000A1-	16		45	115	65	48	16	●
DC150-03-16.300A1-	16,3		51	123	73	48	18	●
DC150-03-16.500A1-	16,5		51	123	73	48	18	●
DC150-03-16.700A1-	16,7		51	123	73	48	18	●
DC150-03-17.000A1-	17		51	123	73	48	18	●
DC150-03-17.500A1-	17,5		51	123	73	48	18	●
DC150-03-18.000A1-	18		51	123	73	48	18	●
DC150-03-18.500A1-	18,5		55	131	79	50	20	●
DC150-03-19.000A1-	19		55	131	79	50	20	●
DC150-03-19.050A1-	19,05	3/4"	55	131	79	50	20	●
DC150-03-20.000A1-	20		55	131	79	50	20	●

Solid carbide drills with coolant-through
DC150 Perform

5×D_c | DIN 6537 L | 140°

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

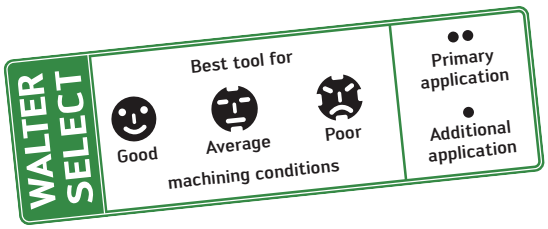
Shank DIN 6535 HA



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	●●
DC150-05-03.572A1-	3,572	9/64"	23	66	28	36	6	●●
DC150-05-03.600A1-	3,6		23	66	28	36	6	●●
DC150-05-03.650A1-	3,65		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	●●

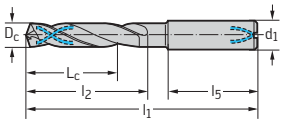
Ordering example for the WJ30RE grade: DC150-05-03.000A1-WJ30RE

Continued



Continued

Shank DIN 6535 HA



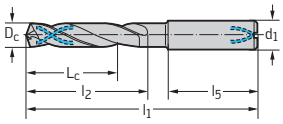
Designation	D_c m7 mm	D_c inches/ no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30RE
DC150-05-06.100A1-	6,1		43	91	53	36	8	●
DC150-05-06.200A1-	6,2		43	91	53	36	8	●
DC150-05-06.300A1-	6,3		43	91	53	36	8	●
DC150-05-06.350A1-	6,35	1/4"	43	91	53	36	8	●
DC150-05-06.400A1-	6,4		43	91	53	36	8	●
DC150-05-06.500A1-	6,5		43	91	53	36	8	●
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	●
DC150-05-07.550A1-	7,55		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-	9,4		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	●

Ordering example for the WJ30RE grade: DC150-05-03.000A1-WJ30RE

Continued

Continued

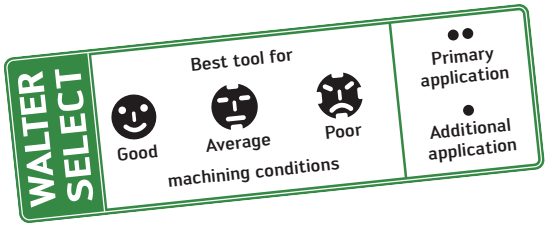
Shank DIN 6535 HA



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
DC150-05-10.800A1-	10,8		56	118	71	45	12	●●
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	●●
DC150-05-11.400A1-	11,4		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	●●
DC150-05-12.250A1-	12,25		60	124	77	45	14	●●
DC150-05-12.300A1-	12,3		60	124	77	45	14	●●
DC150-05-12.303A1-	12,303	31/64"	60	124	77	45	14	●●
DC150-05-12.400A1-	12,4		60	124	77	45	14	●●
DC150-05-13.100A1-	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	●●
DC150-05-12.900A1-	12,9		60	124	77	45	14	●●
DC150-05-13.000A1-	13		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	●●
DC150-05-13.400A1-	13,4		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	●●
DC150-05-14.800A1-	14,8		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	●●
DC150-05-15.600A1-	15,6		63	133	83	48	16	●●
DC150-05-15.700A1-	15,7		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	●●

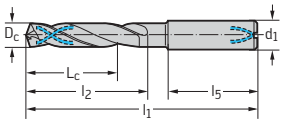
Ordering example for the WJ30RE grade: DC150-05-03.000A1-WJ30RE

Continued



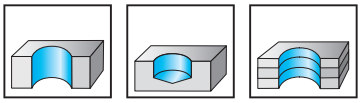
Continued

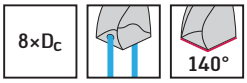
Shank DIN 6535 HA



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
DC150-05-16.000A1-	16		63	133	83	48	16	●
DC150-05-16.100A1-	16,1		71	143	93	48	18	●
DC150-05-16.200A1-	16,2		71	143	93	48	18	●
DC150-05-16.300A1-	16,3		71	143	93	48	18	●
DC150-05-16.500A1-	16,5		71	143	93	48	18	●
DC150-05-16.700A1-	16,7		71	143	93	48	18	●
DC150-05-16.750A1-	16,75		71	143	93	48	18	●
DC150-05-17.000A1-	17		71	143	93	48	18	●
DC150-05-17.100A1-	17,1		71	143	93	48	18	●
DC150-05-17.200A1-	17,2		71	143	93	48	18	●
DC150-05-17.300A1-	17,3		71	143	93	48	18	●
DC150-05-17.500A1-	17,5		71	143	93	48	18	●
DC150-05-17.600A1-	17,6		71	143	93	48	18	●
DC150-05-17.700A1-	17,7		71	143	93	48	18	●
DC150-05-17.800A1-	17,8		71	143	93	48	18	●
DC150-05-17.900A1-	17,9		71	143	93	48	18	●
DC150-05-18.000A1-	18		71	143	93	48	18	●
DC150-05-18.500A1-	18,5		77	153	101	50	20	●
DC150-05-18.900A1-	18,9		77	153	101	50	20	●
DC150-05-19.000A1-	19		77	153	101	50	20	●
DC150-05-19.050A1-	19,05	3/4"	77	153	101	50	20	●
DC150-05-19.300A1-	19,3		77	153	101	50	20	●
DC150-05-19.500A1-	19,5		77	153	101	50	20	●
DC150-05-19.700A1-	19,7		77	153	101	50	20	●
DC150-05-19.800A1-	19,8		77	153	101	50	20	●
DC150-05-20.000A1-	20		77	153	101	50	20	●

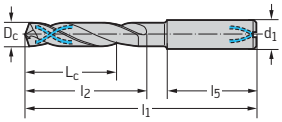
Solid carbide drills with coolant-through DC150 Perform





	P	M	K	N	S	H	O
WJ30TA	●●	●	●●	●●	●●	●	●

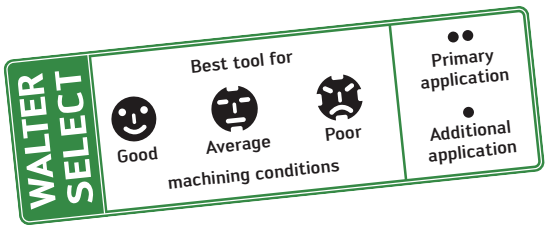
Shank DIN 6535 HA



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	WJ30TA
DC150-08-03.000A1-	3		28	74	34	36	6	☺
DC150-08-03.100A1-	3,1		28	74	34	36	6	☺
DC150-08-03.175A1-	3,175	1/8"	28	74	34	36	6	☺
DC150-08-03.200A1-	3,2		28	74	34	36	6	☺
DC150-08-03.300A1-	3,3		28	74	34	36	6	☺
DC150-08-03.400A1-	3,4		28	74	34	36	6	☺
DC150-08-03.500A1-	3,5		28	74	34	36	6	☺
DC150-08-03.572A1-	3,572	9/64"	28	74	34	36	6	☺
DC150-08-03.600A1-	3,6		28	74	34	36	6	☺
DC150-08-03.700A1-	3,7		28	74	34	36	6	☺
DC150-08-03.800A1-	3,8		37	85	45	36	6	☺
DC150-08-03.900A1-	3,9		37	85	45	36	6	☺
DC150-08-03.969A1-	3,969	5/32"	37	85	45	36	6	☺
DC150-08-04.000A1-	4		37	85	45	36	6	☺
DC150-08-04.100A1-	4,1		37	85	45	36	6	☺
DC150-08-04.200A1-	4,2		37	85	45	36	6	☺
DC150-08-04.300A1-	4,3		37	85	45	36	6	☺
DC150-08-04.366A1-	4,366	11/64"	37	85	45	36	6	☺
DC150-08-04.400A1-	4,4		37	85	45	36	6	☺
DC150-08-04.500A1-	4,5		37	85	45	36	6	☺
DC150-08-04.600A1-	4,6		37	85	45	36	6	☺
DC150-08-04.700A1-	4,7		37	85	45	36	6	☺
DC150-08-04.763A1-	4,7		37	85	45	36	6	☺
DC150-08-04.800A1-	4,8		48	97	57	36	6	☺
DC150-08-04.900A1-	4,9		48	97	57	36	6	☺
DC150-08-05.000A1-	5		48	97	57	36	6	☺
DC150-08-05.100A1-	5,1		48	97	57	36	6	☺
DC150-08-05.159A1-	5,159	13/64"	48	97	57	36	6	☺
DC150-08-05.200A1-	5,2		48	97	57	36	6	☺
DC150-08-05.300A1-	5,3		48	97	57	36	6	☺
DC150-08-05.400A1-	5,4		48	97	57	36	6	☺
DC150-08-05.500A1-	5,5		48	97	57	36	6	☺
DC150-08-05.556A1-	5,556	7/32"	48	97	57	36	6	☺
DC150-08-05.600A1-	5,6		48	97	57	36	6	☺
DC150-08-05.700A1-	5,7		48	97	57	36	6	☺
DC150-08-05.800A1-	5,8		48	97	57	36	6	☺
DC150-08-05.900A1-	5,9		48	97	57	36	6	☺
DC150-08-05.953A1-	5,953	15/64"	48	97	57	36	6	☺
DC150-08-06.000A1-	6		48	97	57	36	6	☺
DC150-08-06.100A1-	6,1		55	106	66	36	8	☺
DC150-08-06.200A1-	6,2		55	106	66	36	8	☺
DC150-08-06.300A1-	6,3		55	106	66	36	8	☺
DC150-08-06.350A1-	6,35	1/4"	55	106	66	36	8	☺

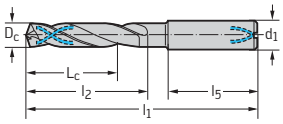
Ordering example for the WJ30TA grade: DC150-08-03.000A1-WJ30TA

Continued



Continued

Shank DIN 6535 HA



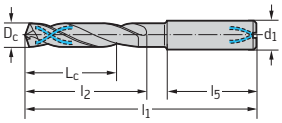
Designation	D_c m7 mm	D_c inches/ no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-08-06.400A1-	6,4		55	106	66	36	8	●
DC150-08-06.500A1-	6,5		55	106	66	36	8	●
DC150-08-06.600A1-	6,6		55	106	66	36	8	●
DC150-08-06.700A1-	6,7		55	106	66	36	8	●
DC150-08-06.747A1-	6,747	17/64"	55	106	66	36	8	●
DC150-08-06.800A1-	6,8		55	106	66	36	8	●
DC150-08-06.900A1-	6,9		55	106	66	36	8	●
DC150-08-07.000A1-	7		55	106	66	36	8	●
DC150-08-07.100A1-	7,1		64	116	76	36	8	●
DC150-08-07.144A1-	7,144	9/32"	64	116	76	36	8	●
DC150-08-07.200A1-	7,2		64	116	76	36	8	●
DC150-08-07.300A1-	7,3		64	116	76	36	8	●
DC150-08-07.400A1-	7,4		64	116	76	36	8	●
DC150-08-07.500A1-	7,5		64	116	76	36	8	●
DC150-08-07.541A1-	7,541	19/64"	64	116	76	36	8	●
DC150-08-07.600A1-	7,6		64	116	76	36	8	●
DC150-08-07.700A1-	7,7		64	116	76	36	8	●
DC150-08-07.800A1-	7,8		64	116	76	36	8	●
DC150-08-07.900A1-	7,9		64	116	76	36	8	●
DC150-08-07.938A1-	7,938	5/16"	64	116	76	36	8	●
DC150-08-08.000A1-	8		64	116	76	36	8	●
DC150-08-08.100A1-	8,1		80	139	95	40	10	●
DC150-08-08.200A1-	8,2		80	139	95	40	10	●
DC150-08-08.300A1-	8,3		80	139	95	40	10	●
DC150-08-08.334A1-	8,334	21/64"	80	139	95	40	10	●
DC150-08-08.400A1-	8,4		80	139	95	40	10	●
DC150-08-08.500A1-	8,5		80	139	95	40	10	●
DC150-08-08.600A1-	8,6		80	139	95	40	10	●
DC150-08-08.700A1-	8,7		80	139	95	40	10	●
DC150-08-08.731A1-	8,731	11/32"	80	139	95	40	10	●
DC150-08-08.800A1-	8,8		80	139	95	40	10	●
DC150-08-08.900A1-	8,9		80	139	95	40	10	●
DC150-08-09.000A1-	9		80	139	95	40	10	●
DC150-08-09.100A1-	9,1		80	139	95	40	10	●
DC150-08-09.128A1-	9,128	23/64"	80	139	95	40	10	●
DC150-08-09.200A1-	9,2		80	139	95	40	10	●
DC150-08-09.300A1-	9,3		80	139	95	40	10	●
DC150-08-09.400A1-	9,4		80	139	95	40	10	●
DC150-08-09.500A1-	9,5		80	139	95	40	10	●
DC150-08-09.525A1-	9,525	3/8"	80	139	95	40	10	●
DC150-08-09.600A1-	9,6		80	139	95	40	10	●
DC150-08-09.700A1-	9,7		80	139	95	40	10	●
DC150-08-09.800A1-	9,8		80	139	95	40	10	●
DC150-08-09.900A1-	9,9		80	139	95	40	10	●
DC150-08-09.922A1-	9,922	25/64"	80	139	95	40	10	●
DC150-08-10.000A1-	10		80	139	95	40	10	●
DC150-08-10.100A1-	10,1		96	163	114	45	12	●
DC150-08-10.200A1-	10,2		96	163	114	45	12	●
DC150-08-10.300A1-	10,3		96	163	114	45	12	●
DC150-08-10.319A1-	10,319	13/32"	96	163	114	45	12	●
DC150-08-10.400A1-	10,4		96	163	114	45	12	●
DC150-08-10.500A1-	10,5		96	163	114	45	12	●
DC150-08-10.700A1-	10,7		96	163	114	45	12	●
DC150-08-10.716A1-	10,716	27/64"	96	163	114	45	12	●
DC150-08-10.800A1-	10,8		96	163	114	45	12	●
DC150-08-10.900A1-	10,9		96	163	114	45	12	●
DC150-08-11.000A1-	11		96	163	114	45	12	●
DC150-08-11.100A1-	11,1		96	163	114	45	12	●
DC150-08-11.113A1-	11,113	7/16"	96	163	114	45	12	●
DC150-08-11.200A1-	11,2		96	163	114	45	12	●
DC150-08-11.300A1-	11,3		96	163	114	45	12	●

Ordering example for the WJ30TA grade: DC150-08-03.000A1-WJ30TA

Continued

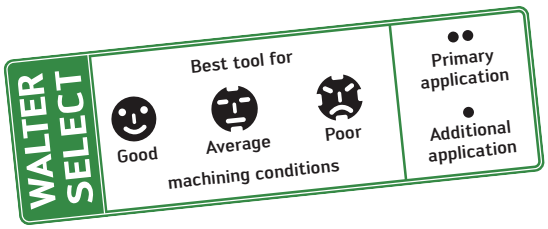
Continued

Shank DIN 6535 HA

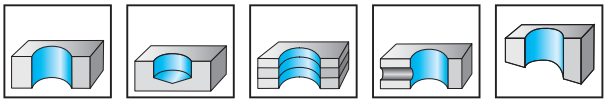


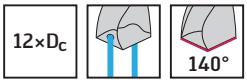
Designation	D_c m7 mm	D_c inches/ no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-08-11.500A1-	11,5		96	163	114	45	12	●●
DC150-08-11.600A1-	11,6		96	163	114	45	12	●●
DC150-08-11.700A1-	11,7		96	163	114	45	12	●●
DC150-08-11.800A1-	11,8		96	163	114	45	12	●●
DC150-08-11.900A1-	11,9		96	163	114	45	12	●●
DC150-08-11.906A1-	11,906	15/32"	96	163	114	45	12	●●
DC150-08-12.000A1-	12		96	163	114	45	12	●●
DC150-08-12.303A1-	12,303	31/64"	119	182	133	45	14	●●
DC150-08-12.500A1-	12,5		119	182	133	45	14	●●
DC150-08-12.700A1-	12,7	1/2"	119	182	133	45	14	●●
DC150-08-13.000A1-	13		119	182	133	45	14	●●
DC150-08-13.494A1-	13,494	17/32"	119	182	133	45	14	●●
DC150-08-13.500A1-	13,5		119	182	133	45	14	●●
DC150-08-14.000A1-	14		119	182	133	45	14	●●
DC150-08-14.288A1-	14,288	9/16"	136	204	152	48	16	●●
DC150-08-14.500A1-	14,5		136	204	152	48	16	●●
DC150-08-15.000A1-	15		136	204	152	48	16	●●
DC150-08-15.500A1-	15,5		136	204	152	48	16	●●
DC150-08-15.875A1-	15,875	5/8"	136	204	152	48	16	●●
DC150-08-16.000A1-	16		136	204	152	48	16	●●
DC150-08-16.500A1-	16,5		153	223	171	48	18	●●
DC150-08-17.000A1-	17		153	223	171	48	18	●●
DC150-08-17.500A1-	17,5		153	223	171	48	18	●●
DC150-08-18.000A1-	18		153	223	171	48	18	●●
DC150-08-18.500A1-	18,5		170	244	190	50	20	●●
DC150-08-19.000A1-	19		170	244	190	50	20	●●
DC150-08-19.050A1-	19,05	3/4"	170	244	190	50	20	●●
DC150-08-19.500A1-	19,5		170	244	190	50	20	●●
DC150-08-20.000A1-	20		170	244	190	50	20	●●

Ordering example for the WJ30TA grade: DC150-08-03.000A1-WJ30TA



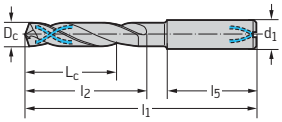
Solid carbide drills with coolant-through
DC150 Perform





	P	M	K	N	S	H	O
WJ30TA	●●	●	●●	●●	●●	●●	●

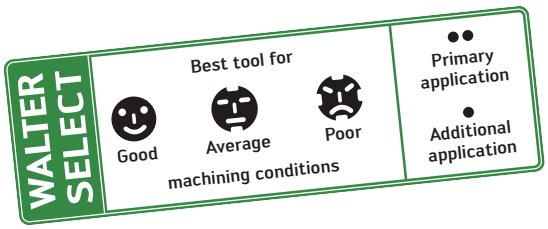
Shank DIN 6535 HA



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	WJ30TA
DC150-12-03.000A1-	3		48	92	54	36	6	☺
DC150-12-03.100A1-	3,1		48	92	54	36	6	☺
DC150-12-03.175A1-	3,175	1/8"	48	92	54	36	6	☺
DC150-12-03.200A1-	3,2		48	92	54	36	6	☺
DC150-12-03.300A1-	3,3		48	92	54	36	6	☺
DC150-12-03.400A1-	3,4		48	92	54	36	6	☺
DC150-12-03.500A1-	3,5		48	92	54	36	6	☺
DC150-12-03.572A1-	3,572	9/64"	48	92	54	36	6	☺
DC150-12-03.600A1-	3,6		48	92	54	36	6	☺
DC150-12-03.700A1-	3,7		48	92	54	36	6	☺
DC150-12-03.800A1-	3,8		56	102	64	36	6	☺
DC150-12-03.900A1-	3,9		56	102	64	36	6	☺
DC150-12-03.969A1-	3,969	5/32"	56	102	64	36	6	☺
DC150-12-04.000A1-	4		56	102	64	36	6	☺
DC150-12-04.100A1-	4,1		56	102	64	36	6	☺
DC150-12-04.200A1-	4,2		56	102	64	36	6	☺
DC150-12-04.300A1-	4,3		56	102	64	36	6	☺
DC150-12-04.366A1-	4,366	11/64"	56	102	64	36	6	☺
DC150-12-04.400A1-	4,4		56	102	64	36	6	☺
DC150-12-04.500A1-	4,5		56	102	64	36	6	☺
DC150-12-04.600A1-	4,6		56	102	64	36	6	☺
DC150-12-04.700A1-	4,7		56	102	64	36	6	☺
DC150-12-04.763A1-	4,763	3/16"	74	121	83	36	6	☺
DC150-12-04.800A1-	4,8		74	121	83	36	6	☺
DC150-12-04.900A1-	4,9		74	121	83	36	6	☺
DC150-12-05.000A1-	5		74	121	83	36	6	☺
DC150-12-05.100A1-	5,1		74	121	83	36	6	☺
DC150-12-05.159A1-	5,159	13/64"	74	121	83	36	6	☺
DC150-12-05.200A1-	5,2		74	121	83	36	6	☺
DC150-12-05.300A1-	5,3		74	121	83	36	6	☺
DC150-12-05.400A1-	5,4		74	121	83	36	6	☺
DC150-12-05.500A1-	5,5		74	121	83	36	6	☺
DC150-12-05.550A1-	5,55		74	121	83	36	6	☺
DC150-12-05.556A1-	5,556	7/32"	74	121	83	36	6	☺
DC150-12-05.600A1-	5,6		74	121	83	36	6	☺
DC150-12-05.700A1-	5,7		74	121	83	36	6	☺
DC150-12-05.800A1-	5,8		74	121	83	36	6	☺
DC150-12-05.900A1-	5,9		74	121	83	36	6	☺
DC150-12-06.000A1-	6		74	121	83	36	6	☺
DC150-12-06.100A1-	6,1		98	148	110	36	8	☺
DC150-12-06.200A1-	6,2		98	148	110	36	8	☺
DC150-12-06.300A1-	6,3		98	148	110	36	8	☺
DC150-12-06.350A1-	6,35	1/4"	98	148	110	36	8	☺

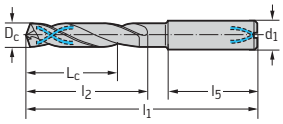
Ordering example for the WJ30TA grade: DC150-12-03.000A1-WJ30TA

Continued



Continued

Shank DIN 6535 HA

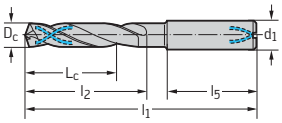


Designation	D_c m7 mm	D_c inches/ no.	L_c mm	l_1 mm	l_2 mm	l_5 mm	d_1 h6 mm	WJ30TA
DC150-12-06.400A1-	6,4		98	148	110	36	8	●
DC150-12-06.500A1-	6,5		98	148	110	36	8	●
DC150-12-06.600A1-	6,6		98	148	110	36	8	●
DC150-12-06.700A1-	6,7		98	148	110	36	8	●
DC150-12-06.747A1-	6,747	17/64"	98	148	110	36	8	●
DC150-12-06.800A1-	6,8		98	148	110	36	8	●
DC150-12-06.900A1-	6,9		98	148	110	36	8	●
DC150-12-07.000A1-	7		98	148	110	36	8	●
DC150-12-07.100A1-	7,1		98	148	110	36	8	●
DC150-12-07.144A1-	7,144	9/32"	98	148	110	36	8	●
DC150-12-07.200A1-	7,2		98	148	110	36	8	●
DC150-12-07.300A1-	7,3		98	148	110	36	8	●
DC150-12-07.400A1-	7,4		98	148	110	36	8	●
DC150-12-07.500A1-	7,5		98	148	110	36	8	●
DC150-12-07.541A1-	7,541	19/64"	98	148	110	36	8	●
DC150-12-07.800A1-	7,8		98	148	110	36	8	●
DC150-12-07.900A1-	7,9		98	148	110	36	8	●
DC150-12-07.938A1-	7,938	5/16"	98	148	110	36	8	●
DC150-12-08.000A1-	8		98	148	110	36	8	●
DC150-12-08.100A1-	8,1		123	180	138	40	10	●
DC150-12-08.200A1-	8,2		123	180	138	40	10	●
DC150-12-08.300A1-	8,3		123	180	138	40	10	●
DC150-12-08.400A1-	8,4		123	180	138	40	10	●
DC150-12-08.500A1-	8,5		123	180	138	40	10	●
DC150-12-08.600A1-	8,6		123	180	138	40	10	●
DC150-12-08.700A1-	8,7		123	180	138	40	10	●
DC150-12-08.731A1-	8,731	11/32"	123	180	138	40	10	●
DC150-12-08.800A1-	8,8		123	180	138	40	10	●
DC150-12-09.000A1-	9		123	180	138	40	10	●
DC150-12-09.128A1-	9,128	23/64"	123	180	138	40	10	●
DC150-12-09.200A1-	9,2		123	180	138	40	10	●
DC150-12-09.300A1-	9,3		123	180	138	40	10	●
DC150-12-09.500A1-	9,5		123	180	138	40	10	●
DC150-12-09.525A1-	9,525	3/8"	123	180	138	40	10	●
DC150-12-09.600A1-	9,6		123	180	138	40	10	●
DC150-12-09.700A1-	9,7		123	180	138	40	10	●
DC150-12-09.800A1-	9,8		123	180	138	40	10	●
DC150-12-09.922A1-	9,922	25/64"	123	180	138	40	10	●
DC150-12-10.000A1-	10		123	180	138	40	10	●
DC150-12-10.100A1-	10,1		140	206	158	45	12	●
DC150-12-10.200A1-	10,2		140	206	158	45	12	●
DC150-12-10.300A1-	10,3		140	206	158	45	12	●
DC150-12-10.319A1-	10,319	13/32"	140	206	158	45	12	●
DC150-12-10.500A1-	10,5		140	206	158	45	12	●
DC150-12-10.716A1-	10,716	27/64"	140	206	158	45	12	●
DC150-12-10.800A1-	10,8		140	206	158	45	12	●
DC150-12-11.000A1-	11		140	206	158	45	12	●
DC150-12-11.100A1-	11,1		140	206	158	45	12	●
DC150-12-11.113A1-	11,113	7/16"	140	206	158	45	12	●
DC150-12-11.200A1-	11,2		140	206	158	45	12	●
DC150-12-11.500A1-	11,5		140	206	158	45	12	●
DC150-12-11.509A1-	11,509	29/64"	140	206	158	45	12	●
DC150-12-11.700A1-	11,7		140	206	158	45	12	●
DC150-12-11.800A1-	11,8		140	206	158	45	12	●
DC150-12-11.906A1-	11,906	15/32"	140	206	158	45	12	●
DC150-12-12.000A1-	12		140	206	158	45	12	●
DC150-12-12.100A1-	12,1		168	230	182	45	14	●
DC150-12-12.200A1-	12,2		168	230	182	45	14	●
DC150-12-12.300A1-	12,3		168	230	182	45	14	●
DC150-12-12.303A1-	12,303	31/64"	168	230	182	45	14	●
DC150-12-12.500A1-	12,5		168	230	182	45	14	●

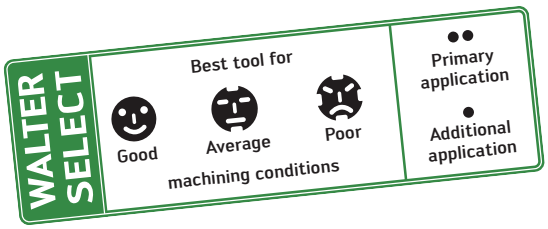
Ordering example for the WJ30TA grade: DC150-12-03.000A1-WJ30TA

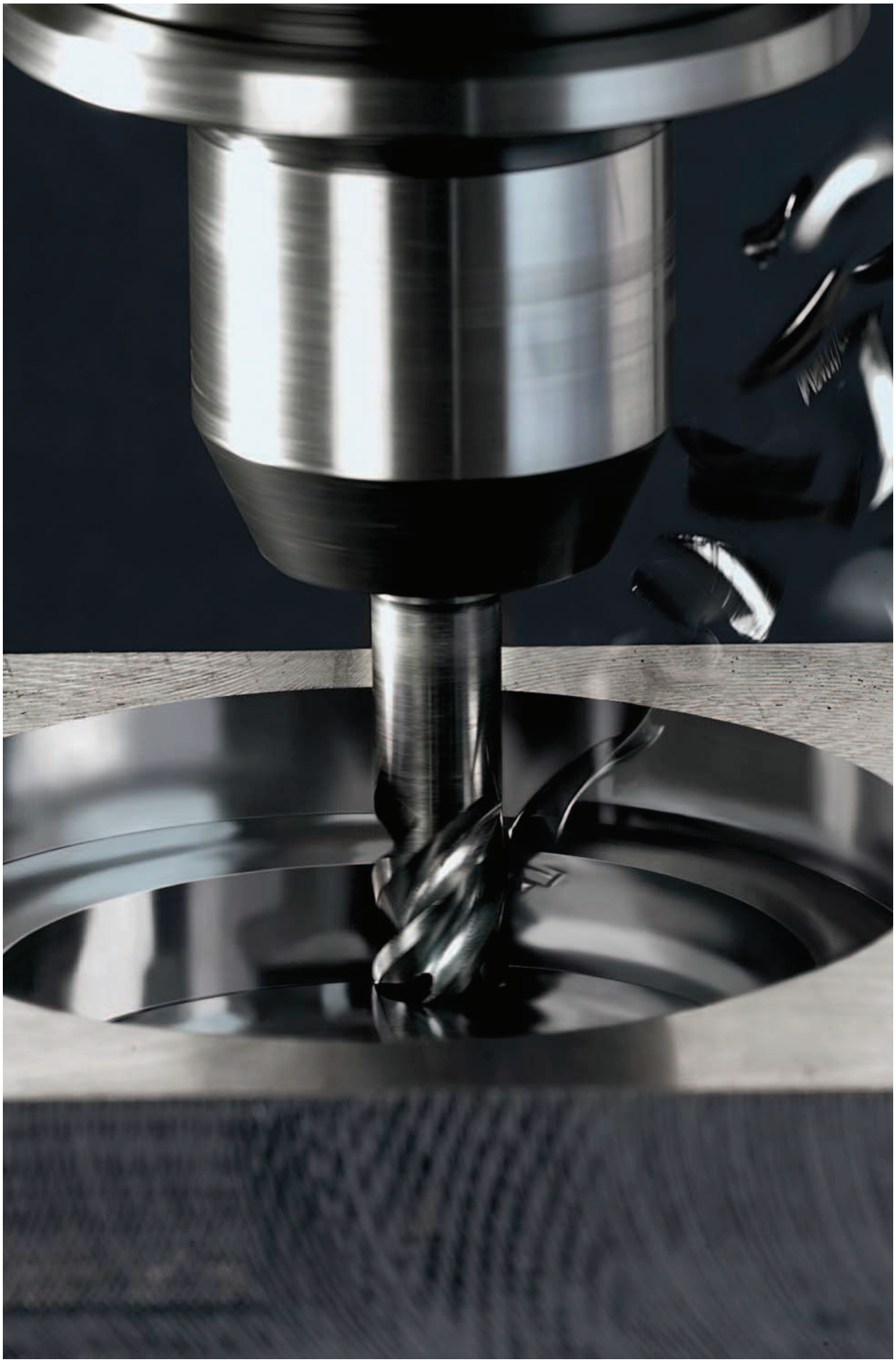
Continued

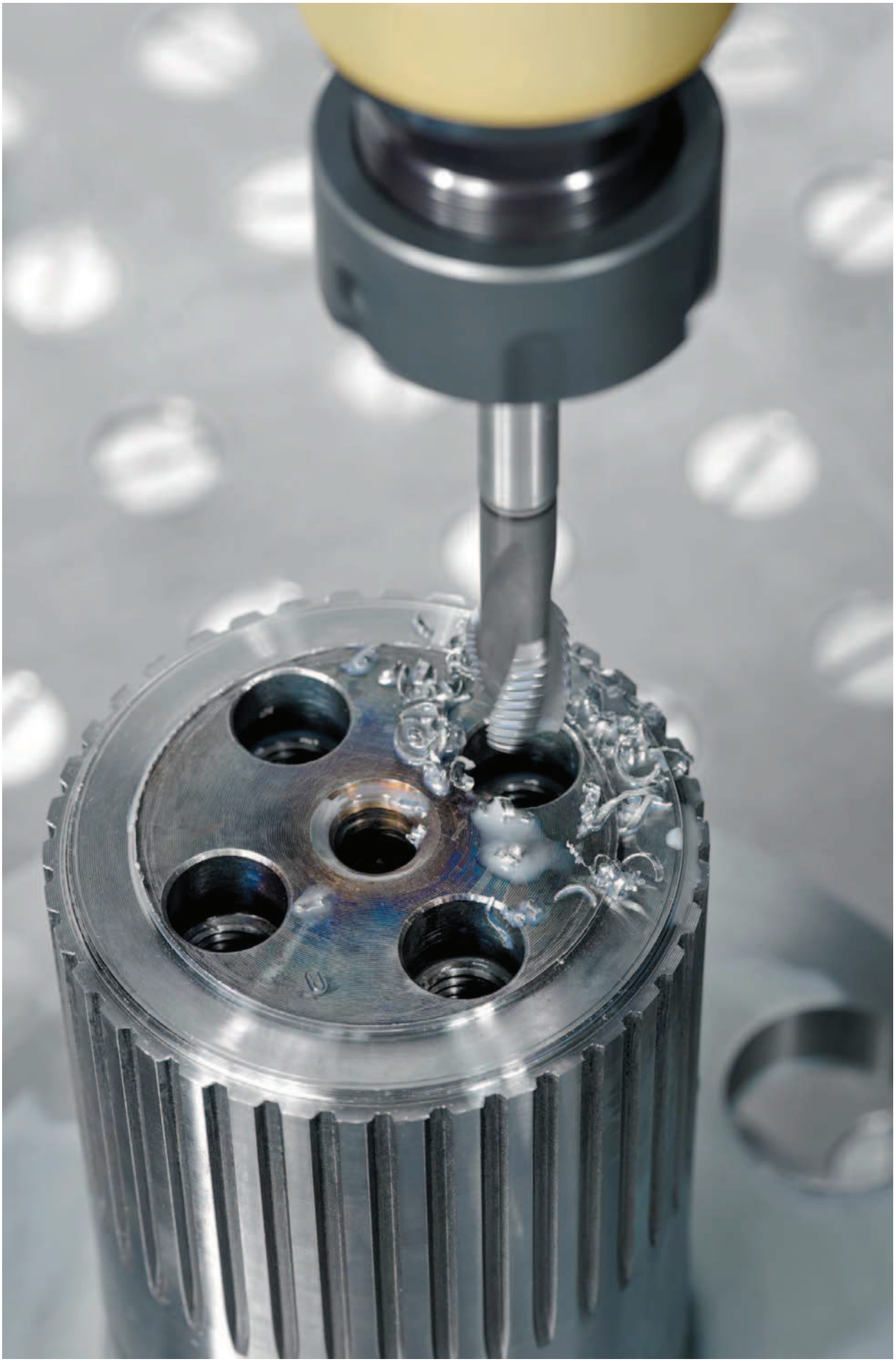
Continued

	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	WJ30TA
Shank DIN 6535 HA	DC150-12-12.600A1-	12,6		168	230	182	45	14	☻
	DC150-12-12.700A1-	12,7	1/2"	168	230	182	45	14	☻
	DC150-12-13.000A1-	13		168	230	182	45	14	☻
	DC150-12-13.494A1-	13,494	17/32"	168	230	182	45	14	☻
	DC150-12-13.500A1-	13,5		168	230	182	45	14	☻
	DC150-12-14.000A1-	14		168	230	182	45	14	☻
	DC150-12-14.288A1-	14,288	9/16"	192	260	208	48	16	☻
	DC150-12-14.500A1-	14,5		192	260	208	48	16	☻
	DC150-12-15.000A1-	15		192	260	208	48	16	☻
	DC150-12-15.500A1-	15,5		192	260	208	48	16	☻
	DC150-12-15.875A1-	15,875	5/8"	192	260	208	48	16	☻
	DC150-12-16.000A1-	16		192	260	208	48	16	☻
	DC150-12-16.500A1-	16,5		216	285	234	48	18	☻
	DC150-12-17.000A1-	17		216	285	234	48	18	☻
	DC150-12-17.500A1-	17,5		216	285	234	48	18	☻
	DC150-12-18.000A1-	18		216	285	234	48	18	☻
	DC150-12-19.000A1-	19		238	310	258	50	20	☻
	DC150-12-20.000A1-	20		238	310	258	50	20	☻

Ordering example for the WJ30TA grade: DC150-12-03.000A1-WJ30TA







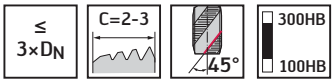
Walter Prototyp

M, MF and UNC

Taps

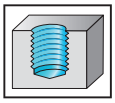
For complete product offering, see the 2018 General Catalog

HSS-E machine taps
TC115 Perform



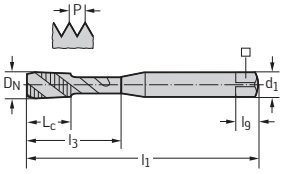
M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			
WY80FC	●●	●●	●●	●			

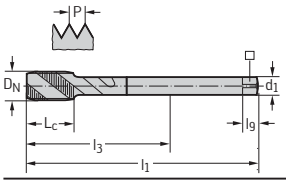
DIN 371



Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC115-M3-C0-	M 3	0.5	56	6	18	3.5	2.7	6	3	●●	●●
TC115-M4-C0-	M 4	0.7	63	7	21	4.5	3.4	6	3	●●	●●
TC115-M5-C0-	M 5	0.8	70	8	25	6	4.9	8	3	●●	●●
TC115-M6-C0-	M 6	1	80	10	30	6	4.9	8	3	●●	●●
TC115-M8-C0-	M 8	1.25	90	12	35	8	6.2	9	3	●●	●●
TC115-M10-C0-	M 10	1.5	100	15	39	10	8	11	3	●●	●●

Order example for grade WY80FC: TC115-M3-C0-WY80FC

DIN 376



Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC115-M12-L0-	M 12	1.75	110	16	83	9	7	10	3	●●	●●
TC115-M14-L0-	M 14	2	110	20	81	11	9	12	3	●●	●●
TC115-M16-L0-	M 16	2	110	20	68	12	9	12	3	●●	●●
TC115-M20-L0-	M 20	2.5	140	25	95	16	12	15	4	●●	●●

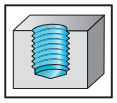
Order example for grade WY80FC: TC115-M12-L0-WY80FC

HSS-E machine taps
TC115 Perform

≤ 3×D_N | C=2-3 | 45° | 300HB / 100HB

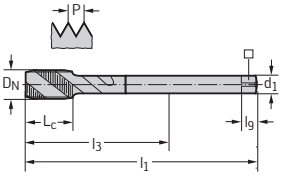
MF
DIN 13

ISO2/6H



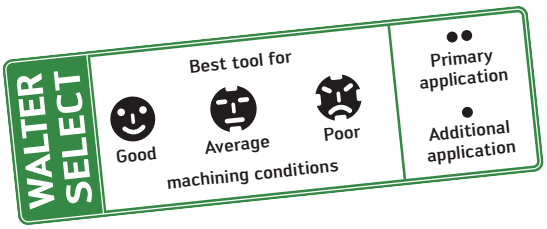
	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			
WY80FC	●●	●●	●●	●			

DIN 374



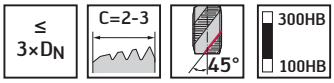
Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC115-M8X1-L0-	MF 8x1	1	90	12	67	6	4.9	8	3	●●	●●
TC115-M10X1-L0-	MF 10x1	1	90	12	67	7	5.5	8	3	●●	●●
TC115-M12X1.25-L0-	MF 12x1.25	1.25	100	13	73	9	7	10	4	●●	●●
TC115-M12X1.5-L0-	MF 12x1.5	1.5	100	13	73	9	7	10	4	●●	●●
TC115-M14X1.5-L0-	MF 14x1.5	1.5	100	15	71	11	9	12	4	●●	●●
TC115-M16X1.5-L0-	MF 16x1.5	1.5	100	15	58	12	9	12	4	●●	●●
TC115-M18X1.5-L0-	MF 18x1.5	1.5	110	17	66	14	11	14	4	●●	●●

Order example for grade WY80FC: TC115-M8X1-L0-WY80FC



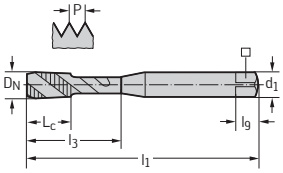
HSS-E machine taps
TC115 Perform inch

UNC	2B	
ASME B1.1		



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

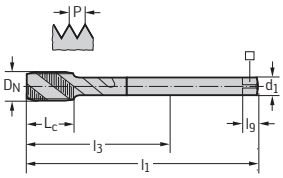
DIN/ANSI



Designation	D_N-P	D_N in	l_1 in	L_c in	l_3 in	d_1 h9 in	□ in	l_9 in	N	WY80AA
TC115DUNC6-C0-	UNC 6-32	0.138	2.205	0.256	0.787	0.141	0.110	0.188	3	●
TC115DUNC8-C0-	UNC 8-32	0.164	2.480	0.276	0.827	0.168	0.131	0.250	3	●
TC115DUNC10-C0-	UNC 10-24	0.190	2.756	0.315	0.984	0.194	0.152	0.250	3	●
TC115DUNC1/4-C0-	UNC 1/4-20	0.250	3.150	0.394	1.181	0.255	0.191	0.313	3	●
TC115DUNC5/16-C0-	UNC 5/16-18	0.313	3.543	0.472	1.378	0.318	0.238	0.375	3	●
TC115DUNC3/8-C0-	UNC 3/8-16	0.375	3.937	0.591	1.535	0.381	0.286	0.438	3	●

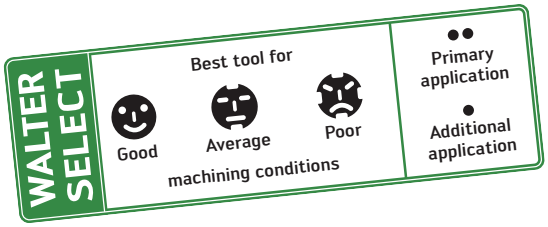
DIN length/ANSI shank
Order example for grade WY80AA: TC115DUNC6-C0-WY80AA

DIN/ANSI



Designation	D_N-P	D_N in	l_1 in	L_c in	l_3 in	d_1 h9 in	□ in	l_9 in	N	WY80AA
TC115DUNC1/2-L0-	UNC 1/2-13	0.500	4.331	0.709	3.224	0.367	0.275	0.438	3	●
TC115DUNC5/8-L0-	UNC 5/8-11	0.625	4.331	0.787	2.587	0.480	0.360	0.563	3	●
TC115DUNC3/4-L0-	UNC 3/4-10	0.750	4.921	0.984	3.051	0.590	0.442	0.688	4	●

DIN length/ANSI shank
Order example for grade WY80AA: TC115DUNC1/2-L0-WY80AA

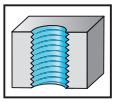


HSS-E machine taps
TC216 Perform

≤ 3×D_N | B=3.5-5 | 300HB / 100HB

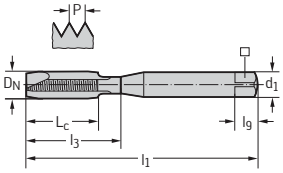
M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			
WY80FC	●●	●●	●●	●●			

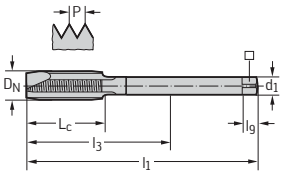
DIN 371



Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC216-M3-C0-	M 3	0.5	56	9	18	3.5	2.7	6	2	✕	✕
TC216-M4-C0-	M 4	0.7	63	12	21	4.5	3.4	6	3	✕	✕
TC216-M5-C0-	M 5	0.8	70	13	25	6	4.9	8	3	✕	✕
TC216-M6-C0-	M 6	1	80	15	30	6	4.9	8	3	✕	✕
TC216-M8-C0-	M 8	1.25	90	18	35	8	6.2	9	3	✕	✕
TC216-M10-C0-	M 10	1.5	100	20	39	10	8	11	3	✕	✕

Order example for grade WY80FC: TC216-M3-C0-WY80FC

DIN 376



Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC216-M12-L0-	M 12	1.75	110	23	83	9	7	10	3	✕	✕
TC216-M14-L0-	M 14	2	110	25	81	11	9	12	4	✕	✕
TC216-M16-L0-	M 16	2	110	25	68	12	9	12	4	✕	✕
TC216-M20-L0-	M 20	2.5	140	30	95	16	12	15	4	✕	✕

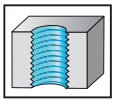
Order example for grade WY80FC: TC216-M12-L0-WY80FC

HSS-E machine taps
TC216 Perform

≤ 3×D_N | B=3.5-5 | 300HB / 100HB

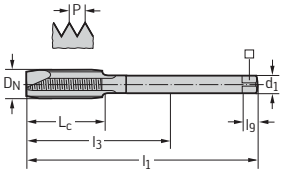
MF
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			
WY80FC	●●	●●	●●	●●			

DIN 374



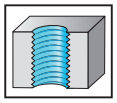
Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TC216-M8X1-L0-	MF 8x1	1	90	18	67	6	4.9	8	3	⊠	⊠
TC216-M10X1-L0-	MF 10x1	1	90	20	67	7	5.5	8	3	⊠	⊠
TC216-M12X1.25-L0-	MF 12x1.25	1.25	100	21	73	9	7	10	4	⊠	⊠
TC216-M12X1.5-L0-	MF 12x1.5	1.5	100	21	73	9	7	10	4	⊠	⊠
TC216-M14X1.5-L0-	MF 14x1.5	1.5	100	21	71	11	9	12	4	⊠	⊠
TC216-M16X1.5-L0-	MF 16x1.5	1.5	100	21	58	12	9	12	4	⊠	⊠
TC216-M18X1.5-L0-	MF 18x1.5	1.5	110	24	66	14	11	14	4	⊠	⊠

Order example for grade WY80FC: TC216-M8X1-L0-WY80FC

HSS-E machine taps
TC216 Perform inch

UNC
ASME B1.1

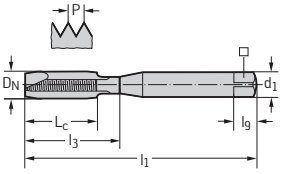
2B



≤ 3×D_N | B=3.5-5 | 300HB / 100HB

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

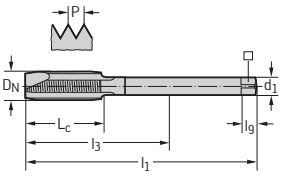
DIN/ANSI



Designation	D_N-P	D_N in	l_1 h9 in	L_c in	l_3 in	d_1 in	□ in	l_9 in	N	WY80AA
TC216DUNC6-C0-	UNC 6-32	0.138	2.205	0.433	0.787	0.141	0.110	0.188	3	●
TC216DUNC8-C0-	UNC 8-32	0.164	2.480	0.472	0.827	0.168	0.131	0.250	3	●
TC216DUNC10-C0-	UNC 10-24	0.190	2.756	0.512	0.984	0.194	0.152	0.250	3	●
TC216DUNC1/4-C0-	UNC 1/4-20	0.250	3.150	0.591	1.181	0.255	0.191	0.313	3	●
TC216DUNC5/16-C0-	UNC 5/16-18	0.313	3.543	0.709	1.378	0.318	0.238	0.375	3	●
TC216DUNC3/8-C0-	UNC 3/8-16	0.375	3.937	0.787	1.535	0.381	0.286	0.438	3	●

DIN length/ANSI shank
Order example for grade WY80AA: TC216DUNC6-C0-WY80AA

DIN/ANSI



Designation	D_N-P	D_N in	l_1 h9 in	L_c in	l_3 in	d_1 in	□ in	l_9 in	N	WY80AA
TC216DUNC1/2-L0-	UNC 1/2-13	0.500	4.331	0.906	3.224	0.367	0.275	0.438	4	●
TC216DUNC5/8-L0-	UNC 5/8-11	0.625	4.331	0.984	2.587	0.480	0.360	0.563	4	●
TC216DUNC3/4-L0-	UNC 3/4-10	0.750	4.921	1.181	3.051	0.590	0.442	0.688	4	●

DIN length/ANSI shank
Order example for grade WY80AA: TC216DUNC1/2-L0-WY80AA

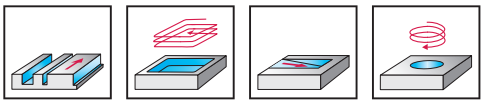
Walter Prototyp

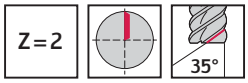
2, 3 and 4 Flute

Carbide Endmills

For complete product offering, see the 2018 General Catalog

Solid carbide shoulder/slot mills
MC232 Perform mm /
MC232 Perform inch





	P	M	K	N	S	H	O
WJ30ED	●●	●	●				

DIN 6527 L

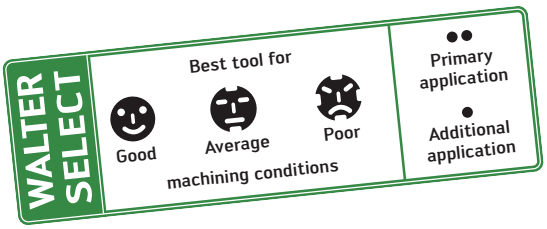
	Designation	D_c h12 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
Cylindrical shank	MC232-02.0A2B-	2	6	57	29	4	2	
	MC232-02.5A2B-	2.5	7	57	29	4	2	
	MC232-03.0A2B-	3	7	57	29	4	2	
	MC232-03.5A2B-	3.5	7	57	29	4	2	
	MC232-04.0A2B-	4	8	57	29	4	2	
Weldon shank	MC232-05.0W2B-	5	10	57	21	6	2	
	MC232-06.0W2B-	6	10	57	21	6	2	
	MC232-08.0W2B-	8	16	63	27	8	2	
	MC232-10.0W2B-	10	19	72	32	10	2	
	MC232-12.0W2B-	12	22	83	38	12	2	
	MC232-16.0W2B-	16	26	92	44	16	2	
	MC232-20.0W2B-	20	32	104	54	20	2	

Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Order example for grade WJ30ED: MC232-02.0A2B-WJ30ED

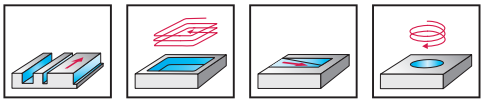
STANDARD

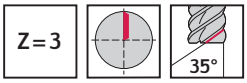
	Designation	D_c h12	L_c in	l_1 in	l_4 in	d_1 h6 in	Z	WJ30ED
Cylindrical shank	MC232.3.18A2D-	1/8"	0.500	2.500	1.083	0.250	2	
	MC232.6.35A2D-	1/4"	0.750	2.500	1.083	0.250	2	
Weldon shank	MC232.9.53W2D-	3/8"	0.875	3.000	1.437	0.375	2	
	MC232.12.7W2D-	1/2"	1.000	3.500	1.717	0.500	2	
	MC232.15.9W2D-	5/8"	1.250	3.500	1.594	0.625	2	
	MC232.19.1W2D-	3/4"	1.500	4.000	1.969	0.750	2	

Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Order example for grade WJ30ED: MC232.3.18A2D-WJ30ED



Solid carbide shoulder/slot mills
MC232 Perform mm

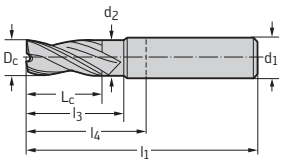


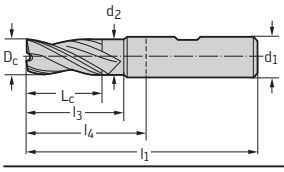


	P	M	K	N	S	H	O
WJ30ED	●●	●	●				

DIN 6527 L

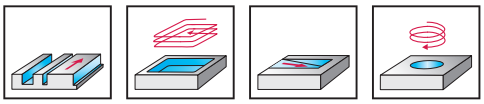
	Designation	D_c h12 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
Cylindrical shank	MC232-02.0A3BC-	2	6	11.3	1.85	57	29	4	3	●
	MC232-02.5A3BC-	2.5	7	11.7	2.35	57	29	4	3	●
	MC232-03.0A3BC-	3	7	12.1	2.85	57	29	4	3	●
	MC232-03.5A3BC-	3.5	7	15	3.32	57	29	4	3	●
	MC232-04.0A3BC-	4	8	15	3.8	57	29	4	3	●
Weldon shank	MC232-05.0W3BC-	5	10	18	4.75	57	21	6	3	●
	MC232-06.0W3BC-	6	10	19	5.7	57	21	6	3	●
	MC232-08.0W3BC-	8	16	25	7.6	63	27	8	3	●
	MC232-10.0W3BC-	10	19	30	9.5	72	32	10	3	●
	MC232-12.0W3BC-	12	22	36	11.4	83	38	12	3	●
	MC232-16.0W3BC-	16	26	42	15.2	92	44	16	3	●
	MC232-20.0W3BC-	20	32	52	19	104	54	20	3	●





Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_a$
Order example for grade WJ30ED: MC232-02.0A3BC-WJ30ED

Solid carbide shoulder/slot mills
MC232 Perform mm /
MC232 Perform inch

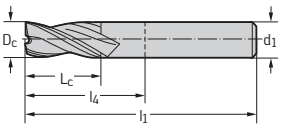


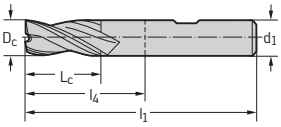
Z = 3

	P	M	K	N	S	H	O
WJ30ED	●●	●	●				

DIN 6527 L

	Designation	D_c h12 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
Cylindrical shank	MC232-02.0A3B-	2	6	57	29	4	3	●
	MC232-02.5A3B-	2.5	7	57	29	4	3	●
	MC232-03.0A3B-	3	7	57	29	4	3	●
	MC232-03.5A3B-	3.5	7	57	29	4	3	●
	MC232-04.0A3B-	4	8	57	29	4	3	●
Weldon shank	MC232-05.0W3B-	5	10	57	21	6	3	●
	MC232-06.0W3B-	6	10	57	21	6	3	●
	MC232-08.0W3B-	8	16	63	27	8	3	●
	MC232-10.0W3B-	10	19	72	32	10	3	●
	MC232-12.0W3B-	12	22	83	38	12	3	●
	MC232-16.0W3B-	16	26	92	44	16	3	●
	MC232-20.0W3B-	20	32	104	54	20	3	●

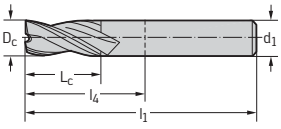


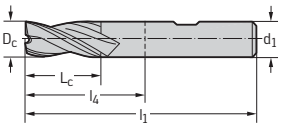


Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Order example for grade WJ30ED: MC232-02.0A3B-WJ30ED

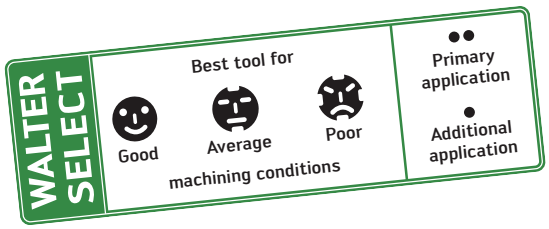
STANDARD

	Designation	D_c h12	L_c in	l_1 in	l_4 in	d_1 h6 in	Z	WJ30ED
Cylindrical shank	MC232.3.18A3D-	1/8"	0.500	2.500	1.083	0.250	3	●
	MC232.6.35A3D-	1/4"	0.750	2.500	1.083	0.250	3	●
Weldon shank	MC232.9.53W3D-	3/8"	0.875	3.000	1.437	0.375	3	●
	MC232.12.7W3D-	1/2"	1.000	3.500	1.717	0.500	3	●
	MC232.15.9W3D-	5/8"	1.250	3.500	1.594	0.625	3	●
	MC232.19.1W3D-	3/4"	1.500	4.000	1.969	0.750	3	●

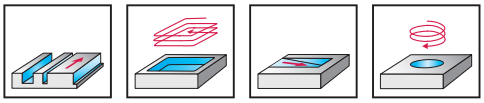


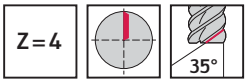


Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Order example for grade WJ30ED: MC232.3.18A3D-WJ30ED



Solid carbide shoulder/slot mills
MC232 Perform mm

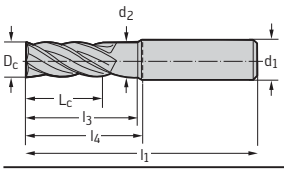


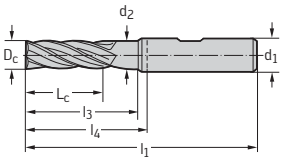


	P	M	K	N	S	H	O
WJ30ED	●●	●	●				

DIN 6527 L

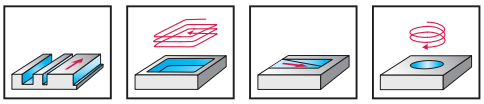
	Designation	D_c h12 mm	L_c mm	l_3 mm	d_2 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
Cylindrical shank	MC232-02.0A4BC-	2	7	11.3	1.85	57	29	4	4	●
	MC232-02.5A4BC-	2.5	8	11.7	2.35	57	29	4	4	●
	MC232-03.0A4BC-	3	8	12.1	2.85	57	29	4	4	●
	MC232-03.5A4BC-	3.5	10	15	3.32	57	29	4	4	●
	MC232-04.0A4BC-	4	11	15	3.8	57	29	4	4	●
Weldon shank	MC232-05.0W4BC-	5	13	18	4.75	57	21	6	4	●
	MC232-06.0W4BC-	6	13	19	5.7	57	21	6	4	●
	MC232-08.0W4BC-	8	19	25	7.6	63	27	8	4	●
	MC232-10.0W4BC-	10	22	30	9.5	72	32	10	4	●
	MC232-12.0W4BC-	12	26	36	11.4	83	38	12	4	●
	MC232-16.0W4BC-	16	32	42	15.2	92	44	16	4	●
	MC232-20.0W4BC-	20	38	52	19	104	54	20	4	●

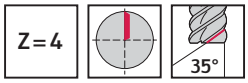




Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_a$
Order example for grade WJ30ED: MC232-02.0A4BC-WJ30ED

Solid carbide shoulder/slot mills
MC232 Perform mm / MC232 Perform inch

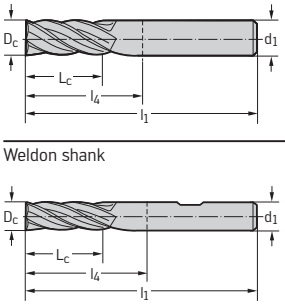




	P	M	K	N	S	H	O
WJ30ED	●●	●	●				

DIN 6527 L

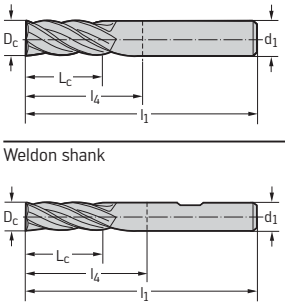
	Designation	D_c h12 mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30ED
Cylindrical shank	MC232-02.0A4B-	2	7	57	29	4	4	☹
	MC232-02.5A4B-	2.5	8	57	29	4	4	☹
	MC232-03.0A4B-	3	8	57	29	4	4	☹
	MC232-03.5A4B-	3.5	10	57	29	4	4	☹
	MC232-04.0A4B-	4	11	57	29	4	4	☹
Weldon shank	MC232-05.0W4B-	5	13	57	21	6	4	☹
	MC232-06.0W4B-	6	13	57	21	6	4	☹
	MC232-08.0W4B-	8	19	63	27	8	4	☹
	MC232-10.0W4B-	10	22	72	32	10	4	☹
	MC232-12.0W4B-	12	26	83	38	12	4	☹
	MC232-16.0W4B-	16	32	92	44	16	4	☹
	MC232-20.0W4B-	20	38	104	54	20	4	☹



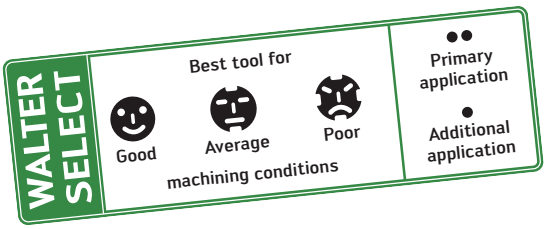
Slot milling $a_p \leq 0.5 \times D_c$
Shoulder milling $a_e \leq 0.5 \times D_c$
Order example for grade WJ30ED: MC232-02.0A4B-WJ30ED

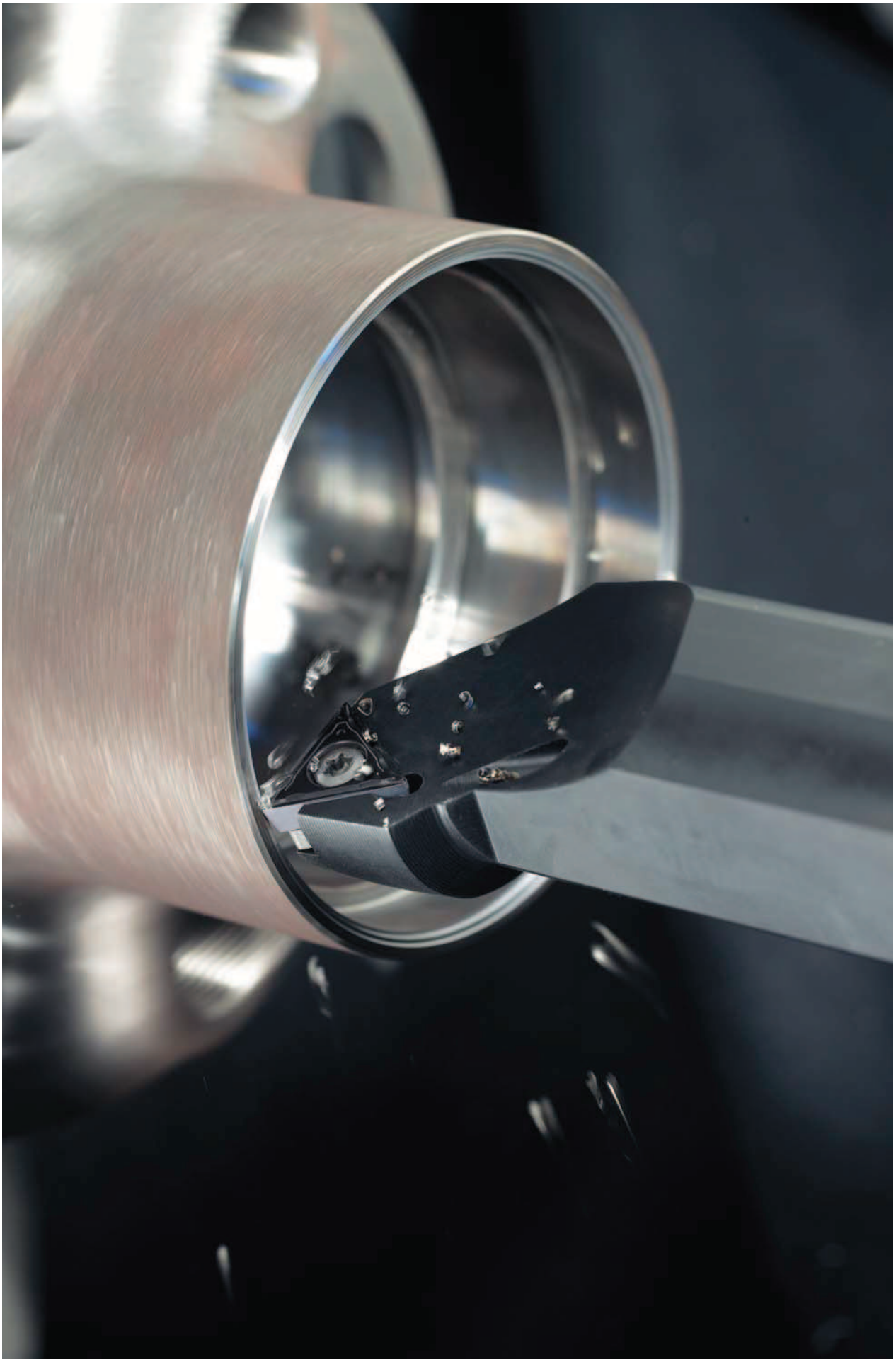
STANDARD

	Designation	D_c h12	L_c in	l_1 in	l_4 in	d_1 h6 in	Z	WJ30ED
Cylindrical shank	MC232.3.18A4D-	1/8"	0.500	2.500	1.083	0.250	4	☹
	MC232.6.35A4D-	1/4"	0.750	2.500	1.083	0.250	4	☹
Weldon shank	MC232.9.53W4D-	3/8"	0.875	3.000	1.437	0.375	4	☹
	MC232.12.7W4D-	1/2"	1.000	3.500	1.717	0.500	4	☹
	MC232.15.9W4D-	5/8"	1.250	3.500	1.594	0.625	4	☹
	MC232.19.1W4D-	3/4"	1.500	4.000	1.969	0.750	4	☹



Shoulder milling $a_e \leq 0.5 \times D_c$
Slot milling $a_p \leq 0.5 \times D_c$
Order example for grade WJ30ED: MC232.3.18A4D-WJ30ED



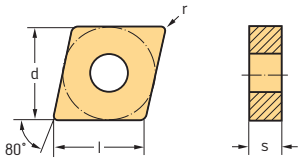


Walter

Perform Turning Inserts

For complete product offering, see the 2018 General Catalog

Negative rhombic 80°
CNMG

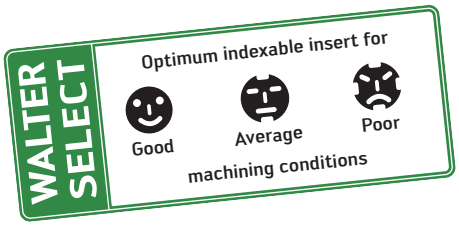


Indexable inserts

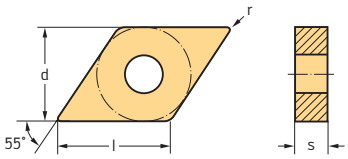
	ANSI Description	Description	r inch	f inch	a_p inch	r mm	f mm	a_p mm	P HC WPV10	P HC WPV20
	CNMG431-FV5	CNMG120404-FV5	0.016	0.002-0.008	0.008–0.006	0.4	0.05–0.20	0.2–1.5	☺	😐
	CNMG432-FV5	CNMG120408-FV5	0.031	0.003–0.010	0.016–0.008	0.8	0.08–0.25	0.4–2.0	☺	😐
	CNMG431-MV5	CNMG120404-MV5	0.016	0.004–0.008	0.020–0.138	0.4	0.10–0.20	0.5–3.5	☺	😐
	CNMG432-MV5	CNMG120408-MV5	0.031	0.006–0.0125	0.031–0.157	0.8	0.15–0.32	0.8–4.0	☺	😐
	CNMG433-MV5	CNMG120412-MV5	0.047	0.007–0.016	0.031–0.157	1.2	0.18–0.40	0.8–4.0	☺	😐
	CNMG543-MV5	CNMG160612-MV5	0.047	0.008–0.018	0.031–0.200	1.2	0.20–0.45	0.8–5.0	☺	😐
	CNMG432-RV5	CNMG120408-RV5	0.031	0.008–0.016	0.039–0.200	0.8	0.20–0.40	1.0–5.0	☺	😐
	CNMG433-RV5	CNMG120412-RV5	0.047	0.010–0.021	0.039–0.200	1.2	0.25–0.55	1.0–5.0	☺	😐
	CNMG543-RV5	CNMG160612-RV5	0.047	0.010–0.021	0.008–0.236	1.2	0.25–0.55	2.0–6.0	☺	😐
	CNMG544-RV5	CNMG160616-RV5	0.063	0.014–0.024	0.008–0.236	1.6	0.35–0.60	2.0–6.0	☺	😐

For dimensions, see the ISO 1832 designation key

HC = Coated carbide



Negative rhombic 55°
DNMG



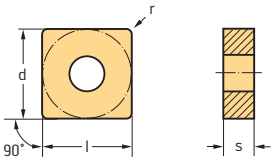
Indexable inserts

	ANSI Description	Description	r inch	f inch	a_p inch	r mm	f mm	a_p mm	P HC WPV10	P HC WPV20
	DNMG331-FV5	DNMG110404-FV5	0.016	0.002–0.008	0.008–0.006	0.4	0.05–0.20	0.2–1.5	☺	☺
	DNMG332-FV5	DNMG110408-FV5	0.031	0.003–0.010	0.016–0.008	0.8	0.08–0.25	0.4–2.0	☺	☺
	DNMG432-FV5	DNMG150408-FV5	0.031	0.003–0.010	0.016–0.008	0.8	0.08–0.25	0.4–2.0	☺	☺
	DNMG441-FV5	DNMG150604-FV5	0.016	0.002–0.008	0.008–0.006	0.4	0.05–0.20	0.2–1.5	☺	☺
	DNMG442-FV5	DNMG150608-FV5	0.031	0.003–0.010	0.016–0.008	0.8	0.08–0.25	0.4–2.0	☺	☺
	DNMG332-MV5	DNMG110408-MV5	0.031	0.006–0.013	0.031–0.118	0.8	0.15–0.32	0.8–3.0	☺	☺
	DNMG432-MV5	DNMG150408-MV5	0.031	0.006–0.013	0.031–0.138	0.8	0.15–0.32	0.8–3.5	☺	☺
	DNMG442-MV5	DNMG150608-MV5	0.031	0.006–0.013	0.031–0.138	0.8	0.15–0.32	0.8–3.5	☺	☺
	DNMG442-RV5	DNMG150608-RV5	0.031	0.006–0.016	0.039–0.177	0.8	0.15–0.40	1.0–4.5	☺	☺
	DNMG443-RV5	DNMG150612-RV5	0.047	0.008–0.020	0.039–0.177	1.2	0.20–0.50	1.0–4.5	☺	☺

For dimensions, see the ISO 1832 designation key

HC = Coated carbide

Negative square
SNMG



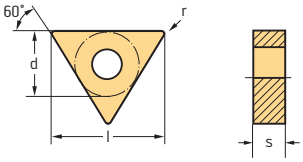
Indexable inserts

	ANSI Description	Description	r inch	f inch	a_p inch	r mm	f mm	a_p mm	P HC WPV10	P HC WPV20
	SNMG432-MV5	SNMG120408-MV5	0.031	0.006–0.013	0.031–0.157	0.8	0.15–0.32	0.8–4.0	☺	☺

For dimensions, see the ISO 1832 designation key

HC = Coated carbide

Negative triangular 60°
TNMG



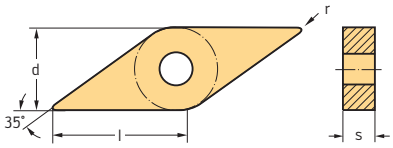
Indexable inserts

	ANSI Description	Description	r inch	f inch	a_p inch	r mm	f mm	a_p mm	P HC WPV10	P HC WPV20
	TNMG331-FV5	TNMG160404-FV5	0.016	0.002-0.008	0.008–0.006	0.4	0.05–0.20	0.2–1.5	☺	☺
	TNMG332-FV5	TNMG160408-FV5	0.031	0.003–0.010	0.016–0.080	0.8	0.08–0.25	0.4–2.0	☺	☺
	TNMG331-MV5	TNMG160404-MV5	0.016	0.0040–0.008	0.020–0.138	0.4	0.10–0.20	0.5–3.5	☺	☺
	TNMG332-MV5	TNMG160408-MV5	0.031	0.006–0.013	0.031–0.138	0.8	0.15–0.32	0.8–3.5	☺	☺
	TNMG332-RV5	TNMG160408-RV5	0.031	0.006–0.016	0.039–0.177	0.8	0.15–0.40	1.0–4.5	☺	☺

For dimensions, see the ISO 1832 designation key

HC = Coated carbide

Negative rhombic 35°
VNMG

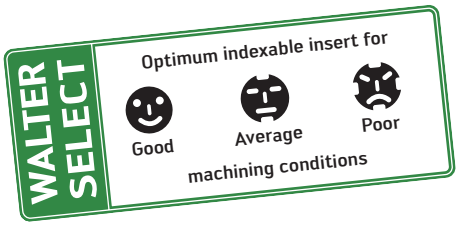


Indexable inserts

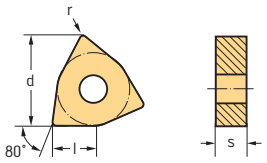
	ANSI Description	Description	r inch	f inch	a_p inch	r mm	f mm	a_p mm	P HC WPV10	P HC WPV20
	VNMG331-FV5	VNMG160404-FV5	0.016	0.002–0.008	0.008–0.006	0.4	0.05–0.20	0.2–1.5	☺	☺
	VNMG332-FV5	VNMG160408-FV5	0.031	0.003–0.010	0.016–0.080	0.8	0.08–0.25	0.4–2.0	☺	☺

For dimensions, see the ISO 1832 designation key

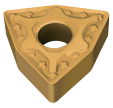
HC = Coated carbide



Negative trigon 80°
WNMG

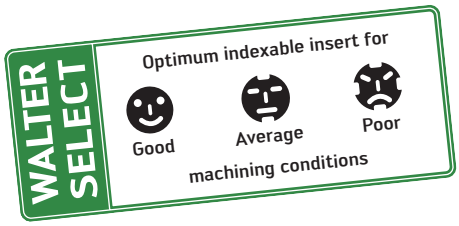


Indexable inserts

	ANSI Description	Description	r inch	f inch	a_p inch	r mm	f mm	a_p mm	P HC WPV10	P HC WPV20
	WNMG432-FV5	WNMG080408-FV5	0.031	0.003–0.010	0.016–0.080	0.8	0.08–0.25	0.4–2.0	☺	😐
	WNMG332-MV5	WNMG060408-MV5	0.031	0.006–0.013	0.031–0.118	0.8	0.15–0.32	0.8–3.0	☺	😐
	WNMG431-MV5	WNMG080404-MV5	0.016	0.004–0.008	0.020–0.138	0.4	0.10–0.20	0.5–3.5	☺	😐
	WNMG432-MV5	WNMG080408-MV5	0.031	0.006–0.013	0.031–0.157	0.8	0.15–0.32	0.8–4.0	☺	😐
	WNMG433-MV5	WNMG080412-MV5	0.047	0.007–0.016	0.031–0.157	1.2	0.18–0.40	0.8–4.0	☺	😐
	WNMG432-RV5	WNMG080408-RV5	0.031	0.008-0.016	0.039–0.200	0.8	0.20–0.40	1.0–5.0	☺	😐
	WNMG433-RV5	WNMG080412-RV5	0.047	0.010–0.022	0.039–0.200	1.2	0.25–0.55	1.0–5.0	☺	😐

For dimensions, see the ISO 1832 designation key

HC = Coated carbide




WALTER

Walter

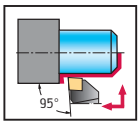
Turning Tools

For complete product offering, see the 2018 General Catalog

Shank tool – Rigid clamping

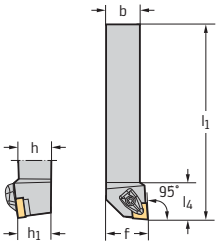
DCLN **inch**

Walter Turn



CN . . CN . .

Tool



Designation	in	$h = h_1$ in	b in	f in	l_1 in	l_4 in	γ	λ_s	Type
DCLNR/L103A	0.375	0.625	0.625	0.875	4.000	0.978	-6°	-6°	CN .. 32 . CN .. 0903 ..
DCLNR/L123C	0.375	0.750	0.750	1.000	5.000	0.978	-6°	-6°	
DCLNR/L163D	0.375	1.000	1.000	1.250	6.000	0.978	-6°	-6°	
DCLNR/L104A	0.500	0.625	0.625	0.867	4.000	1.260	-6°	-6°	CN .. 43 . CN .. 1204 ..
DCLNR/L124B	0.500	0.750	0.750	1.000	4.500	1.260	-6°	-6°	
DCLNR/L164C	0.500	1.000	1.000	1.250	5.000	1.260	-6°	-6°	
DCLNR/L164D	0.500	1.000	1.000	1.250	6.000	1.260	-6°	-6°	
DCLNR/L204D	0.500	1.250	1.250	1.500	6.000	1.260	-6°	-6°	
DCLNR/L244D	0.500	1.500	1.500	2.000	6.000	1.260	-6°	-6°	
DCLNR/L165D	0.625	1.000	1.000	1.250	6.000	1.540	-6°	-6°	CN .. 54 . CN .. 1606 ..
DCLNR/L205D	0.625	1.250	1.250	1.500	6.000	1.540	-6°	-6°	
DCLNR/L245D	0.625	1.500	1.500	2.000	6.000	1.540	-6°	-6°	
DCLNR/L166D	0.750	1.000	1.000	1.250	6.000	1.700	-6°	-6°	CN .. 64 . CN .. 1906 ..
DCLNR/L206D	0.750	1.250	1.250	1.500	6.000	1.700	-6°	-6°	
DCLNR/L246D	0.750	1.500	1.500	2.000	6.000	1.700	-6°	-6°	

Measured with master insert: CN .. 322 / CN .. 432 / CN .. 543 / CN .. 643
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Order example right tool: DCLNR103A / Order example left tool: DCLNL103A
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type $h = h_1$ [in]	CN .. 32 . CN .. 0903 .. 0.625–1.000	CN .. 43 . CN .. 1204 .. 0.625	CN .. 43 . CN .. 1204 .. 0.750–1.500	CN .. 54 . CN .. 1606 .. 1.000–1.500	CN .. 64 . CN .. 1906 .. 1.000–1.500
Shim	AP414-CN09	AP354-CN12	AP301-CN12	AP302-CN16	AP303-CN19
Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1461 (Torx 15IP) 22 in lb	FS1461 (Torx 15IP) 22 in lb	FS1463 (Torx 20IP) 44 in lb	FS1463 (Torx 20IP) 44 in lb
Clamp	PK240	PK241	PK241	PK242	PK243
Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1473 (Torx 15IP) 35 in lb	FS1473 (Torx 15IP) 35 in lb	FS1474 (Torx 20IP) 57 in lb	FS1474 (Torx 20IP) 57 in lb
Pressure spring	FS1469	FS1470	FS1470	FS1471	FS1471
Pin	RS116	RS117	RS117	RS117	RS117
Torx key	FS1466 (Torx 9IP)	FS1465 (Torx 15IP / SW 3.5)	FS1465 (Torx 15IP / SW 3.5)	FS1464 (Torx 20IP)	FS1464 (Torx 20IP)

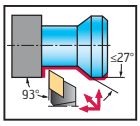
Accessories

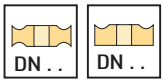
Type	CN .. 32 . CN .. 0903 ..	CN .. 43 . CN .. 1204 ..	CN .. 54 . CN .. 1606 ..	CN .. 64 . CN .. 1906 ..
Clamp set (standard assembly parts)	PK240-SET	PK241-SET	PK242-SET	PK243-SET
Carbide clamp set Insert with hole		PK245-SET	PK246-SET	
Carbide clamp set Insert without hole		PK254-SET		
Shim for CN .. 1207 .. CN..1207..		AP411-CN1207		

Shank tool – Rigid clamping

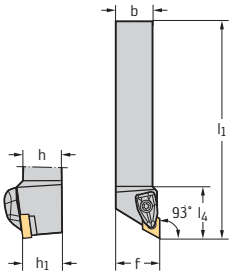
DDJN **inch**

Walter Turn





Tool



Designation	in	h = h1 in	b in	f in	l1 in	l4 in	γ	λs	Type
DDJNR/L103A	0.375	0.625	0.625	0.875	4.000	1.195	-6°	-7°	DN .. 33 . DN .. 1104 ..
DDJNR/L123C	0.375	0.750	0.750	1.000	5.000	1.190	-6°	-7°	
DDJNR/L163D	0.375	1.000	1.000	1.250	6.000	1.190	-6°	-7°	
DDJNR/L124B	0.500	0.750	0.750	1.000	4.500	1.450	-6°	-7°	DN .. 43 . DN .. 1504 ..
DDJNR/L164C	0.500	1.000	1.000	1.250	5.000	1.550	-6°	-7°	
DDJNR/L164D	0.500	1.000	1.000	1.250	6.000	1.550	-6°	-7°	
DDJNR/L204D	0.500	1.250	1.250	1.500	6.000	1.550	-6°	-7°	
DDJNR/L244D	0.500	1.500	1.500	2.000	6.000	1.550	-6°	-7°	

Measured with master insert: DN .. 332 / DN .. 432
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Order example right tool: DDJNR103A / Order example left tool: DDJNL103A
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	DN .. 33 . DN .. 1104 ..	DN .. 43 . DN .. 1504 ..
Shim	AP305-DN11	AP304-DN1504
Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1461 (Torx 15IP) 22 in lb
Clamp	PK240	PK241
Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1473 (Torx 15IP) 35 in lb
Pressure spring	FS1469	FS1470
Pin	RS116	RS117
Torx key	FS1466 (Torx 9IP)	FS1465 (Torx 15IP / SW 3.5)

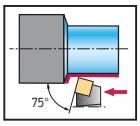
Accessories

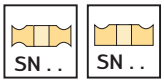
Type	DN .. 33 . DN .. 1104 ..	DN .. 43 . DN .. 1504 ..
Clamp set (standard assembly parts)	PK240-SET	PK241-SET
Carbide clamp set Insert with hole		PK245-SET
Carbide clamp set Insert without hole		PK254-SET
Shim for DN . . 1504 . .		AP304-DN1504
Shim for DN . . 1507 . .		AP412-DN1507

Shank tool – Rigid clamping

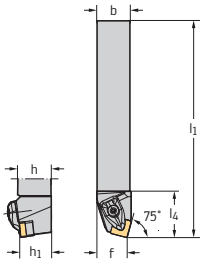
DSRN **inch**

Walter Turn





Tool



Designation	in	h = h1 in	b in	f in	l1 in	l4 in	γ	λs	Type
DSRNR/L124BM1	0.500	0.750	0.750	0.855	4.500	1.350	-6°	-6°	SN .. 43 . SN .. 1204 ..
DSRNR/L164DM1	0.500	1.000	1.000	1.048	6.000	1.350	-6°	-6°	
DSRNR/L165D	0.625	1.000	1.000	1.047	6.000	1.640	-6°	-6°	SN .. 54 . SN .. 1506 ..
DSRNR/L205D	0.625	1.250	1.250	1.291	6.000	1.640	-6°	-6°	
DSRNR/L246D	0.750	1.500	1.500	1.697	6.000	1.830	-6°	-6°	SN .. 64 . SN .. 1906 ..
DSRNR/L248E	1.000	1.500	1.500	1.697	7.000	2.220	-6°	-6°	SN .. 85 . SN .. 2507 ..

Measured with master insert: SN .. 432 / SN .. 543 / SN .. 643 / SN .. 856
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Order example right tool: DSRNR124BM1 / Order example left tool: DSRNL124BM1
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	SN .. 43 . SN .. 1204 ..	SN .. 54 . SN .. 1506 ..	SN .. 64 . SN .. 1906 ..	SN .. 85 . SN .. 2507 ..
Shim	AP308-SN12	AP309-SN15	AP310-SN19	AP351-SN25
Screw for shim Torque	FS1461 (Torx 15IP) 22 in lb	FS1463 (Torx 20IP) 44 in lb	FS1463 (Torx 20IP) 44 in lb	FS1589 (Torx 25IP) 84 in lb
Clamp	PK241	PK242	PK243	PK301
Screw for clamp Torque	FS1473 (Torx 15IP) 35 in lb	FS1474 (Torx 20IP) 57 in lb	FS1474 (Torx 20IP) 57 in lb	FS1591 (Torx 25IP) 84 in lb
Pressure spring	FS1470	FS1471	FS1471	FS1590
Pin	RS117	RS117	RS117	RS117
Torx key	FS1465 (Torx 15IP / SW 3.5)	FS1464 (Torx 20IP)	FS1464 (Torx 20IP)	FS1592 (Torx 25IP)

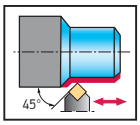
Accessories

Type	SN .. 43 . SN .. 1204 ..	SN .. 54 . SN .. 1506 ..	SN .. 64 . SN .. 1906 ..	SN .. 85 . SN .. 2507 ..
Clamp set (standard assembly parts)	PK241-SET	PK242-SET	PK243-SET	PK301-SET
Carbide clamp set Insert with hole	PK245-SET	PK246-SET		
Carbide clamp set Insert without hole	PK254-SET			
Shim for SN . . 1207 . .	AP413-SN1207			

Shank tool – Rigid clamping

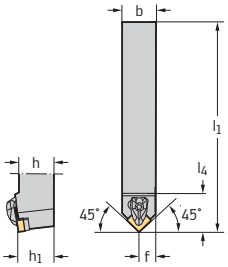
DSDN **inch**

Walter Turn



SN . . SN . .

Tool



Designation	in	$h = h_1$ in	b in	f in	l_1 in	l_4 in	γ	λ_s	Type
DSDNN103A	0.375	0.625	0.625	0.326	4.000	1.106	-6°	-6°	SN .. 32 . SN .. 0903 ..
DSDNN205D	0.375	1.250	1.250	0.326	6.000	1.106	-6°	-6°	
DSDNN124B	0.500	0.750	0.750	0.386	4.500	1.450	-6°	-6°	SN .. 43 . SN .. 1204 ..
DSDNN164D	0.500	1.000	1.000	0.512	6.000	1.450	-6°	-6°	
DSDNN204D	0.500	1.250	1.250	0.638	6.000	1.450	-6°	-6°	
DSDNN165D	0.625	1.000	1.000	0.520	6.000	1.760	-6°	-6°	SN .. 54 . SN .. 1506 ..
DSDNN206D	0.750	1.250	1.250	0.646	6.000	1.969	-6°	-6°	SN .. 64 . SN .. 1906 ..
DSDNN248D	1.000	1.500	1.500	0.791	6.000	2.260	-6°	-6°	SN .. 85 . SN .. 2507 ..

Measured with master insert: SN .. 322 / SN .. 432 / SN .. 543 / SN .. 643 / SN .. 856
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type $h = h_1$ [in]	SN .. 32 . SN .. 0903 .. 0.625	SN .. 32 . SN .. 0903 .. 1.250	SN .. 43 . SN .. 1204 .. 0.750–1.250	SN .. 54 . SN .. 1506 .. 1.000	SN .. 64 . SN .. 1906 .. 1.250	SN .. 85 . SN .. 2507 .. 1.500
Shim	AP415-SN09	AP309-SN15	AP308-SN12	AP309-SN15	AP310-SN19	AP351-SN25
Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1463 (Torx 20IP) 44 in lb	FS1461 (Torx 15IP) 22 in lb	FS1463 (Torx 20IP) 44 in lb	FS1463 (Torx 20IP) 44 in lb	FS1589 (Torx 25IP) 84 in lb
Clamp	PK240	PK242	PK241	PK242	PK243	PK301
Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1474 (Torx 20IP) 57 in lb	FS1473 (Torx 15IP) 35 in lb	FS1474 (Torx 20IP) 57 in lb	FS1474 (Torx 20IP) 57 in lb	FS1591 (Torx 25IP) 84 in lb
Pressure spring	FS1469	FS1471	FS1470	FS1471	FS1471	FS1590
Pin	RS116	RS117	RS117	RS117	RS117	RS117
Torx key	FS1466 (Torx 9IP)	FS1464 (Torx 20IP)	FS1465 (Torx 15IP / SW 3.5)	FS1464 (Torx 20IP)	FS1464 (Torx 20IP)	FS1592 (Torx 25IP)

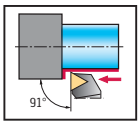
Accessories

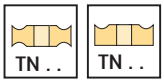
Type $h = h_1$ [in]	SN .. 32 . SN .. 0903 .. 0.625	SN .. 32 . SN .. 0903 .. 1.250	SN .. 43 . SN .. 1204 .. 0.750–1.250	SN .. 54 . SN .. 1506 .. 1.000	SN .. 64 . SN .. 1906 .. 1.250	SN .. 85 . SN .. 2507 .. 1.500
Clamp set (standard assembly parts)	PK240-SET	PK242-SET	PK241-SET	PK242-SET	PK243-SET	PK301-SET
Carbide clamp set Insert with hole		PK246-SET	PK245-SET	PK246-SET		
Carbide clamp set Insert without hole			PK254-SET			
Shim for SN . . 1207 . .			AP413-SN1207			

Shank tool – Rigid clamping

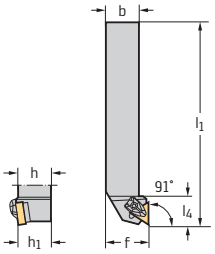
DTGN **inch**

Walter Turn





Tool



Designation	in	h = h1 in	b in	f in	l1 in	l4 in	γ	λs	Type
DTGNR/L123B	0.375	0.750	0.750	1.000	4.500	0.970	-6°	-6°	TN .. 33 . TN .. 1604 ..
DTGNR/L163D	0.375	1.000	1.000	1.250	6.000	0.970	-6°	-6°	
DTGNR/L164D	0.500	1.000	1.000	1.250	6.000	1.260	-6°	-6°	TN .. 43 . TN .. 2204 ..
DTGNR/L204D	0.500	1.250	1.250	1.500	6.000	1.310	-6°	-6°	

Measured with master insert: TN .. 332 / TN .. 432
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning“
Order example right tool: DTGNR123B / Order example left tool: DTGNL123B
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	TN .. 33 . TN .. 1604 ..	TN .. 43 . TN .. 2204 ..
Shim	AP321-TN16	AP322-TN22
Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1461 (Torx 15IP) 22 in lb
Clamp	PK240	PK241
Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1473 (Torx 15IP) 35 in lb
Pressure spring	FS1469	FS1470
Pin	RS116	RS117
Torx key	FS1466 (Torx 9IP)	FS1465 (Torx 15IP / SW 3.5)

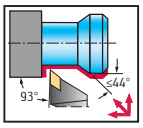
Accessories

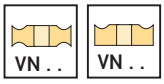
Type	TN .. 33 . TN .. 1604 ..	TN .. 43 . TN .. 2204 ..
Clamp set (standard assembly parts)	PK240-SET	PK241-SET
Carbide clamp set Insert with hole		PK245-SET
Carbide clamp set Insert without hole		PK254-SET

Shank tool – Rigid clamping

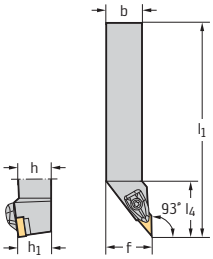
DVJN **inch**

Walter Turn





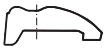
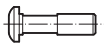
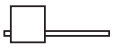
Tool



Designation	in	h = h1 in	b in	f in	l1 in	l4 in	γ	λs	Type
DVJNR/L123B	0.375	0.750	0.750	1.000	4.500	1.830	-4°	-13°	VN .. 33 . VN .. 1604 ..
DVJNR/L163D	0.375	1.000	1.000	1.250	6.000	1.830	-4°	-13°	
DVJNR/L203D	0.375	1.250	1.250	1.500	6.000	1.830	-4°	-13°	

Measured with master insert: VN .. 332
Order example right tool: DVJNR123B / Order example left tool: DVJNL123B
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	VN .. 33 . VN .. 1604 ..
	Shim	AP312-VN16
	Screw for shim Torque	FS1467 (Torx 15IP) 27 in lb
	Clamp	PK244
	Screw for clamp Torque	FS1473 (Torx 15IP) 35 in lb
	Pressure spring	FS1470
	Pin	RS117
	Torx key	FS1465 (Torx 15IP / SW 3.5)

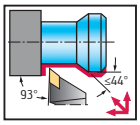
Accessories

	Type	VN .. 33 . VN .. 1604 ..
	Clamp set (standard assembly parts)	PK244-SET

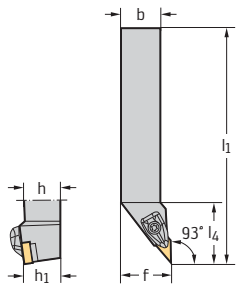
Shank tool – Rigid clamping

DVTN **inch**

Walter Turn



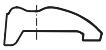
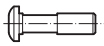
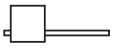
Tool



Designation	in	h = h_1 in	b in	f in	l_1 in	l_4 in	γ	λ_s	Type
DVTNR/L163D	0.375	1.000	1.000	1.250	6.000	1.544	0°	0°	VN .. 33 . VN .. 1604 ..
DVTNR/L203D	0.375	1.250	1.250	1.500	6.000	1.544	0°	0°	

Measured with master insert: VN .. 332
Order example right tool: DVTNR163D / Order example left tool: DVTNL163D
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	VN .. 33 . VN .. 1604 ..
	Shim	AP312-VN16
	Screw for shim Torque	FS1467 (Torx 15IP) 27 in lb
	Clamp	PK244
	Screw for clamp Torque	FS1473 (Torx 15IP) 35 in lb
	Pressure spring	FS1470
	Pin	RS117
	Torx key	FS1465 (Torx 15IP / SW 3.5)

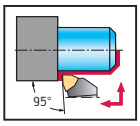
Accessories

	Type	VN .. 33 . VN .. 1604 ..
	Clamp set (standard assembly parts)	PK244-SET

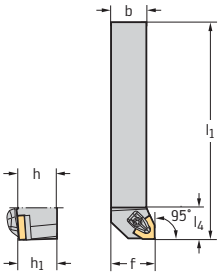
Shank tool – Rigid clamping

DWLN **inch**

Walter Turn



Tool



Designation	in	h = h1 in	b in	f in	l1 in	l4 in	γ	λs	Type
DWLNR/L123C	0.375	0.750	0.750	1.000	5.000	1.950	-6°	-6°	WN .. 33 . WN .. 0604 ..
DWLNR/L163D	0.375	1.000	1.000	1.250	6.000	1.950	-6°	-6°	
DWLNR/L124C	0.500	0.750	0.750	1.000	5.000	1.378	-6°	-6°	WN .. 43 . WN .. 0804 ..
DWLNR/L164D	0.500	1.000	1.000	1.250	6.000	1.350	-6°	-6°	
DWLNR/L204D	0.500	1.250	1.250	1.500	6.000	1.378	-6°	-6°	
DWLNR/L165D	0.625	1.000	1.000	1.000	6.000	1.540	-6°	-6°	WN .. 54 . WN .. 1006 ..
DWLNR/L205D	0.625	1.250	1.250	1.250	6.000	1.549	-6°	-6°	

Measured with master insert: WN .. 332 / WN .. 432 / WN .. 543
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Order example right tool: DWLNR123C / Order example left tool: DWLNL123C
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	WN .. 33 . WN .. 0604 ..	WN .. 43 . WN .. 0804 ..	WN .. 54 . WN .. 1006 ..
Shim	AP306-WN06	AP307-WN08	AP311-WN10
Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1461 (Torx 15IP) 22 in lb	FS1463 (Torx 20IP) 44 in lb
Clamp	PK240	PK241	PK242
Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1473 (Torx 15IP) 35 in lb	FS1474 (Torx 20IP) 57 in lb
Pressure spring	FS1469	FS1470	FS1471
Pin	RS116	RS117	RS117
Torx key	FS1466 (Torx 9IP)	FS1465 (Torx 15IP / SW 3.5)	FS1464 (Torx 20IP)

Accessories

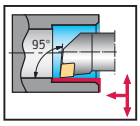
Type	WN .. 33 . WN .. 0604 ..	WN .. 43 . WN .. 0804 ..	WN .. 54 . WN .. 1006 ..
Clamp set (standard assembly parts)	PK240-SET	PK241-SET	PK242-SET
Carbide clamp set Insert with hole		PK245-SET	PK246-SET
Carbide clamp set Insert without hole		PK254-SET	

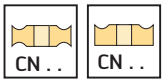
Boring bar – Rigid clamping

A...-DCLN **inch**

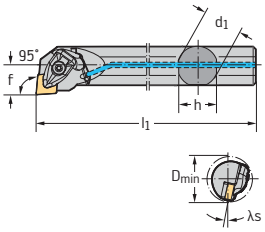
Walter Turn

– A = Steel version with internal cooling





Tool



Designation	in	D_{min} in	d_1 in	f in	h in	l_1 in	γ	λ_s	Type
A12S-DCLNR/L3	0.375		0.750	0.640		10.000	0°		CN .. 32 . CN .. 0903 ..
A16T-DCLNR/L3	0.375		1.000	0.500		12.000	0°		
A16T-DCLNR/L4	0.500	1.280	1.000	0.640	0.906	12.000	-6°	-12°	CN .. 43 . CN .. 1204 ..
A20T-DCLNR/L4	0.500	1.469	1.250	0.765	1.181	12.000	-6°	-11°	
A24T-DCLNR/L4	0.500	1.760	1.500	0.890	1.374	12.000	-6°	-16°	
A24T-DCLNR/L5	0.625	1.760	1.500	0.890	1.374	12.000	-6°	-18°	CN .. 54 . CN .. 1606 ..
A32U-DCLNR/L5	0.625	2.402	2.000	1.281	1.874	14.000	-6°	-14°	

Measured with master insert: CN .. 322 / CN .. 432 / CN .. 543
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Order example right tool: A12S-DCLNR3 / Order example left tool: A12S-DCLNL3
Bodies and assembly parts are included in the scope of delivery

Assembly parts

Type	CN .. 32 . CN .. 0903 ..	CN .. 43 . CN .. 1204 ..	CN .. 54 . CN .. 1606 ..
Shim	AP414-CN09	AP354-CN12	AP302-CN16
Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1461 (Torx 15IP) 22 in lb	FS1463 (Torx 20IP) 44 in lb
Clamp	PK240	PK241	PK242
Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1473 (Torx 15IP) 35 in lb	FS1474 (Torx 20IP) 57 in lb
Pressure spring	FS1469	FS1470	FS1471
Pin	RS116	RS117	RS117
Torx key	FS1466 (Torx 9IP)	FS1465 (Torx 15IP / SW 3.5)	FS1464 (Torx 20IP)

Accessories

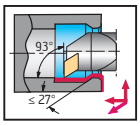
Type D_{min} [in]	CN .. 32 . CN .. 0903 ..	CN .. 43 . CN .. 1204 .. 1.280/1.760	CN .. 43 . CN .. 1204 .. 1.469	CN .. 54 . CN .. 1606 .. 1.760/2.402
Clamp set (standard assembly parts)	PK240-SET	PK241-SET	PK241-SET	PK242-SET
Carbide clamp set Insert with hole		PK245-SET	PK245-SET	PK246-SET
Carbide clamp set Insert without hole			PK254-SET	
Shim for basic shape CN..1207..			AP411-CN1207	

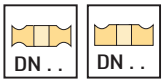
Boring bar – Rigid clamping

A...-DDUN **inch**

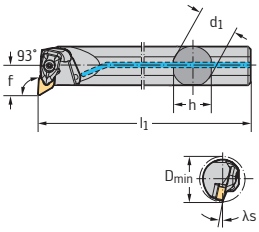
Walter Turn

– A = Steel version with internal cooling





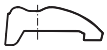
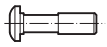
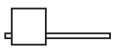
Tool



Designation	in	D_{min} in	d_1 in	f in	h in	l_1 in	γ	λ_s	Type
A12S-DDUNR/L3	0.375	0.750	0.750	0.625	0.709	10.000	-6°	-12°	DN .. 33 . DN .. 1104 ..
A16T-DDUNR/L3	0.375	1.299	1.000	0.750	0.906	12.000	-6°	-12°	
A20T-DDUNR/L3	0.375	1.705	1.250	1.000	1.181	12.000	-6°	-9°	
A16T-DDUNR/L4	0.500	1.500	1.000	0.750	0.906	12.000	-6°	-15°	DN .. 44 . DN .. 1506 ..
A20T-DDUNR/L4	0.500	1.705	1.250	1.000	1.181	12.000	-6°	-13°	
A24T-DDUNR/L4	0.500	2.000	1.500	1.125	1.374	12.000	-6°	-11°	
A32U-DDUNR/L4	0.500	2.677	2.000	1.500	1.874	14.000	-6°	-8°	

Measured with master insert: DN .. 332 / DN .. 442
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Order example right tool: A16T-DDUNR3 / Order example left tool: A16T-DDUNL3
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	DN .. 33 . DN .. 1104 ..	DN .. 44 . DN .. 1506 ..
	Shim	AP305-DN11	AP304-DN15
	Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1461 (Torx 15IP) 22 in lb
	Clamp	PK240	PK241
	Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1473 (Torx 15IP) 35 in lb
	Pressure spring	FS1469	FS1470
	Pin	RS116	RS117
	Torx key	FS1466 (Torx 9IP)	FS1465 (Torx 15IP / SW 3.5)

Accessories

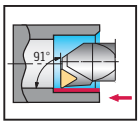
	Type	DN .. 33 . DN .. 1104 ..	DN .. 44 . DN .. 1506 ..
	Clamp set (standard assembly parts)	PK240-SET	PK241-SET
	Carbide clamp set Insert with hole		PK245-SET

Boring bar – Rigid clamping

A...-DTFN **inch**

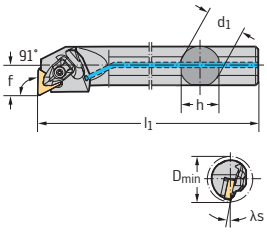
Walter Turn

– A = Steel version with internal cooling



TN . . TN . .

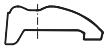
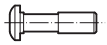
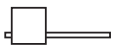
Tool



Designation	in	D_{min} in	d_1 in	f in	h in	l_1 in	γ	λ_s	Type
A12S-DTFNR/L3	0.375	1.024	0.750	0.500	0.709	10.000	-6°	-14°	TN .. 33 . TN .. 1604 ..
A16T-DTFNR/L3	0.375	1.201	1.000	0.640	0.906	12.000	-6°	-12°	
A20T-DTFNR/L3	0.375	1.469	1.250	0.765	1.181	12.000	-6°	-11°	
A24T-DTFNR/L4	0.500	1.760	1.500	0.890	1.374	12.000	-6°	-15°	TN .. 43 . TN .. 2204 ..
A32U-DTFNR/L4	0.500	2.402	2.000	1.281	1.874	14.000	-6°	-11°	

Measured with master insert: TN .. 332 / TN .. 432
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Order example right tool: A12S-DTFNR3 / Order example left tool: A12S-DTFNL3
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	TN .. 33 . TN .. 1604 ..	TN .. 43 . TN .. 2204 ..
	Shim	AP356-TN16	AP322-TN22
	Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1461 (Torx 15IP) 22 in lb
	Clamp	PK240	PK241
	Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1473 (Torx 15IP) 35 in lb
	Pressure spring	FS1469	FS1470
	Pin	RS116	RS117
	Torx key	FS1466 (Torx 9IP)	FS1465 (Torx 15IP / SW 3.5)

Accessories

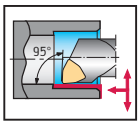
	Type	TN .. 33 . TN .. 1604 ..	TN .. 43 . TN .. 2204 ..
	Clamp set (standard assembly parts)	PK240-SET	PK241-SET
	Carbide clamp set Insert with hole		PK245-SET

Boring bar – Rigid clamping

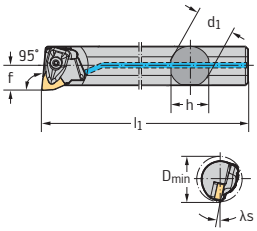
A...-DWLN **inch**

Walter Turn

– A = Steel version with internal cooling



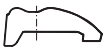
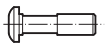
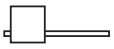
Tool



Designation	in	D_{min} in	d_1 in	f in	h in	l_1 in	γ	λ_s	Type
A16T-DWLNR/L3	0.375	1.299	1.000	0.750	0.906	12.000	-6°	-14°	WN .. 33 . WN .. 0604 ..
A20T-DWLNR/L3	0.375	1.705	1.250	1.000	1.181	12.000	-6°	-10°	
A16T-DWLNR/L4	0.500	1.299	1.000	0.750	0.906	12.000	-6°	-12°	WN .. 43 . WN .. 0804 ..
A20T-DWLNR/L4	0.500	1.705	1.250	1.000	1.181	12.000	-6°	-15°	
A24T-DWLNR/L4	0.500	2.000	1.500	1.000	1.374	12.000	-6°	-13°	
A32U-DWLNR/L4	0.500	2.500	2.000	1.325	1.874	14.000	-6°	-11°	

Measured with master insert: WN .. 332 / WN .. 432
For information on the rake angle γ (for indexable inserts without chip groove) and on the inclination angle λ_s, see „Technical information – ISO turning"
Order example right tool: A16T-DWLNR3 / Order example left tool: A16T-DWLNL3
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	WN .. 33 . WN .. 0604 ..	WN .. 43 . WN .. 0804 ..
	Shim	AP306-WN06	AP331-WN08
	Screw for shim Torque	FS1462 (Torx 9IP) 13 in lb	FS1461 (Torx 15IP) 22 in lb
	Clamp	PK240	PK241
	Screw for clamp Torque	FS1472 (Torx 9IP) 15 in lb	FS1473 (Torx 15IP) 35 in lb
	Pressure spring	FS1469	FS1470
	Pin	RS116	RS117
	Torx key	FS1466 (Torx 9IP)	FS1465 (Torx 15IP / SW 3.5)

Accessories

	Type	WN .. 33 . WN .. 0604 ..	WN .. 43 . WN .. 0804 ..
	Clamp set (standard assembly parts)	PK240-SET	PK241-SET
	Carbide clamp set Insert with hole		PK245-SET

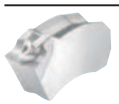
Walter

Grooving Inserts

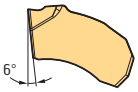
For complete product offering, see the 2018 General Catalog

Grooving and parting off
SX cutting inserts
Tiger·tec® Silver

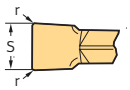
Cutting inserts

	Designation	s in	r in	κ	f in	S_{Tol} in	l_{Tol} in
	SX-1E150N01-CF6	0.059	0.006		0.001–0.004	±0.0020	±0.0039
	SX-2E200N02-CF6	0.079	0.008		0.001–0.005	±0.0020	±0.0039
	SX-3E300N02-CF6	0.118	0.008		0.002–0.008	±0.0020	±0.0039
	SX-1E150N01-CF5	0.059	0.006		0.001–0.004	±0.0020	±0.0039
	SX-1E150R/L6-CF5	0.059	0.006	6°	0.001–0.003	±0.0020	±0.0039
	SX-1E150R/L7-CF5	0.059	0.000	7°	0.001–0.003	±0.0020	±0.0039
	SX-1E150R/L15-CF5	0.059	0.000	15°	0.001–0.003	±0.0020	±0.0039
	SX-2E200N02-CF5	0.079	0.008		0.002–0.005	±0.0020	±0.0039
	SX-2E200R/L6-CF5	0.079	0.008	6°	0.002–0.004	±0.0020	±0.0039
	SX-2E200R/L7-CF5	0.079	0.000	7°	0.002–0.004	±0.0020	±0.0039
	SX-2E200R/L15-CF5	0.079	0.000	15°	0.001–0.003	±0.0020	±0.0039
	SX-3E300N02-CF5	0.118	0.008		0.003–0.008	±0.0020	±0.0039
	SX-3E300R/L6-CF5	0.118	0.008	6°	0.003–0.007	±0.0020	±0.0039
	SX-3E300R/L7-CF5	0.118	0.000	7°	0.003–0.007	±0.0020	±0.0039
	SX-3E300R/L15-CF5	0.118	0.000	15°	0.002–0.006	±0.0020	±0.0039
	SX-3E310N03-CF5	0.122	0.012		0.003–0.008	±0.0020	±0.0039
	SX-4E400N02-CF5	0.157	0.008		0.004–0.009	±0.0020	±0.0039
	SX-4E400R/L6-CF5	0.157	0.008	6°	0.004–0.008	±0.0020	±0.0039
	SX-5E500N04-CF5	0.197	0.016		0.004–0.010	±0.0020	±0.0039
	SX-5E500R/L6-CF5	0.197	0.016	6°	0.004–0.008	±0.0020	±0.0039
	SX-6E600N04-CF5	0.236	0.016		0.004–0.012	±0.0020	±0.0039
	SX-2E200N02-CK8	0.079	0.008		0.002–0.005	±0.0008	±0.0020
	SX-3E300N02-CK8	0.118	0.008		0.003–0.008	±0.0008	±0.0020
	SX-4E400N02-CK8	0.157	0.008		0.004–0.009	±0.0008	±0.0020
	SX-5E500N04-CK8	0.197	0.016		0.004–0.010	±0.0008	±0.0020
	SX-6E600N04-CK8	0.236	0.016		0.004–0.012	±0.0008	±0.0020

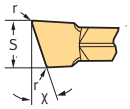
l_{Tol} = Repeat accuracy when changing indexable inserts
Radius tolerance r_{Tol} = ±0.002 in



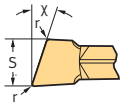
SX...N



SX...R

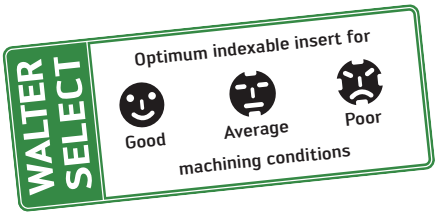


SX...L



	s mm	r mm	κ	f mm	S_{Tol} mm	l_{Tol} mm	Designation	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33S	S HC WSM43S
	1.5	0.15		0.03–0.10	±0.05	±0.1	SX-1E150N01-CF6			☺	☹		☺	☹				☺	☹
	2	0.2		0.03–0.12	±0.05	±0.1	SX-2E200N02-CF6			☺	☹		☺	☹				☺	☹
	3	0.2		0.04–0.20	±0.05	±0.1	SX-3E300N02-CF6			☺	☹		☺	☹				☺	☹
	1.5	0.15		0.03–0.10	±0.05	±0.1	SX-1E150N01-CF5			☺	☹		☺	☹				☺	☹
	1.5	0.15	6°	0.03–0.08	±0.05	±0.1	SX-1E150R/L6-CF5			☺			☺					☺	
	1.5	0	7°	0.03–0.08	±0.05	±0.1	SX-1E150R/L7-CF5			☺			☺					☺	
	1.5	0	15°	0.03–0.08	±0.05	±0.1	SX-1E150R/L15-CF5			☺			☺					☺	
	2	0.2		0.04–0.12	±0.05	±0.1	SX-2E200N02-CF5			☺	☹		☺	☹				☺	☹
	2	0.2	6°	0.04–0.10	±0.05	±0.1	SX-2E200R/L6-CF5			☺			☺					☺	
	2	0	7°	0.04–0.10	±0.05	±0.1	SX-2E200R/L7-CF5			☺			☺					☺	
	2	0	15°	0.03–0.08	±0.05	±0.1	SX-2E200R/L15-CF5			☺			☺					☺	
	3	0.2		0.08–0.20	±0.05	±0.1	SX-3E300N02-CF5		☺	☺	☹	☺	☺	☹			☺	☺	☹
	3	0.2	6°	0.08–0.17	±0.05	±0.1	SX-3E300R/L6-CF5			☺	☹		☺	☹				☺	☹
	3	0	7°	0.08–0.17	±0.05	±0.1	SX-3E300R/L7-CF5			☺	☹		☺	☹				☺	☹
	3	0	15°	0.05–0.15	±0.05	±0.1	SX-3E300R/L15-CF5			☺			☺					☺	
	3.1	0.3		0.08–0.20	±0.05	±0.1	SX-3E310N03-CF5			☺	☹		☺	☹				☺	☹
	4	0.2		0.10–0.22	±0.05	±0.1	SX-4E400N02-CF5			☺	☹		☺	☹				☺	☹
	4	0.2	6°	0.10–0.20	±0.05	±0.1	SX-4E400R/L6-CF5			☺	☹		☺	☹				☺	☹
	5	0.4		0.10–0.25	±0.05	±0.1	SX-5E500N04-CF5			☺	☹		☺	☹				☺	☹
	5	0.4	6°	0.10–0.20	±0.05	±0.1	SX-5E500R/L6-CF5			☺			☺					☺	
	6	0.4		0.10–0.30	±0.05	±0.1	SX-6E600N04-CF5			☺	☹		☺	☹				☺	☹
	2	0.2		0.04–0.12	±0.02	±0.05	SX-2E200N02-CK8									☺			
	3	0.2		0.08–0.20	±0.02	±0.05	SX-3E300N02-CK8									☺			
	4	0.2		0.10–0.22	±0.02	±0.05	SX-4E400N02-CK8									☺			
	5	0.4		0.10–0.25	±0.02	±0.05	SX-5E500N04-CK8									☺			
	6	0.4		0.10–0.30	±0.02	±0.05	SX-6E600N04-CK8									☺			

HC = coated carbide
HW = uncoated carbide

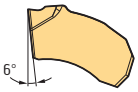


Grooving and parting off
SX cutting inserts
Tiger·tec® Silver

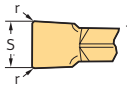
Cutting inserts

	Designation	s in	r in	κ	f in	S_{Tol} in	l_{Tol} in
	SX-1E150N01-CE4	0.059	0.006		0.001–0.005	±0.0020	±0.0039
	SX-1E150R/L6-CE4	0.059	0.006	6°	0.001–0.003	±0.0020	±0.0039
	SX-2E200N02-CE4	0.079	0.008		0.002–0.006	±0.0020	±0.0039
	SX-2E200R/L6-CE4	0.079	0.008	6°	0.002–0.004	±0.0020	±0.0039
	SX-2E260N03-CE4	0.102	0.012		0.002–0.007	±0.0020	±0.0039
	SX-3E300N02-CE4	0.118	0.008		0.004–0.012	±0.0020	±0.0039
	SX-3E300R/L6-CE4	0.118	0.008	6°	0.004–0.008	±0.0020	±0.0039
	SX-3E310N03-CE4	0.122	0.012		0.004–0.012	±0.0020	±0.0039
	SX-4E400N02-CE4	0.157	0.008		0.004–0.013	±0.0020	±0.0039
	SX-4E400R/L6-CE4	0.157	0.008	6°	0.004–0.009	±0.0020	±0.0039
	SX-4E410N03-CE4	0.161	0.012		0.004–0.013	±0.0020	±0.0039
	SX-4E480N03-CE4	0.189	0.012		0.005–0.014	±0.0020	±0.0039
	SX-5E500N04-CE4	0.197	0.016		0.005–0.014	±0.0020	±0.0039
	SX-5E500R/L6-CE4	0.197	0.016	6°	0.005–0.010	±0.0020	±0.0039
	SX-6E600N04-CE4	0.236	0.016		0.005–0.016	±0.0020	±0.0039
	SX-6E600R/L6-CE4	0.236	0.016	6°	0.005–0.012	±0.0020	±0.0039
	SX-8E800N08-CE4	0.315	0.031		0.008–0.022	±0.0020	±0.0039
	SX-10E1000N08-CE4	0.394	0.031		0.010–0.024	±0.0020	±0.0039

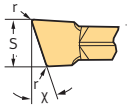
l_{Tol} = Repeat accuracy when changing indexable inserts
Radius tolerance r_{Tol} = ±0.002 in



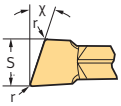
SX...N



SX...R

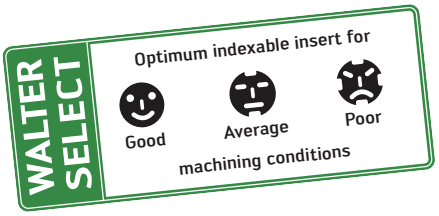


SX...L



s mm	r mm	κ	f mm	S_{Tol} mm	l_{Tol} mm	Designation	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33S	S HC WSM43S
1.5	0.15		0.03–0.12	±0.05	±0.1	SX-1E150N01-CE4			😐	😣		😐	😣				😐	😣
1.5	0.15	6°	0.03–0.08	±0.05	±0.1	SX-1E150R/L6-CE4			😐			😐					😐	
2	0.2		0.06–0.15	±0.05	±0.1	SX-2E200N02-CE4	🙂	🙂	😐	😣	🙂	😐	😣	😐		🙂	😐	😣
2	0.2	6°	0.06–0.10	±0.05	±0.1	SX-2E200R/L6-CE4			😐			😐					😐	
2.6	0.3		0.06–0.18	±0.05	±0.1	SX-2E260N03-CE4		🙂	😐	😣	🙂	😐	😣			🙂	😐	😣
3	0.2		0.09–0.30	±0.05	±0.1	SX-3E300N02-CE4	🙂	🙂	😐	😣	🙂	😐	😣	😐		🙂	😐	😣
3	0.2	6°	0.09–0.20	±0.05	±0.1	SX-3E300R/L6-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
3.1	0.3		0.09–0.30	±0.05	±0.1	SX-3E310N03-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
4	0.2		0.10–0.32	±0.05	±0.1	SX-4E400N02-CE4	🙂	🙂	😐	😣	🙂	😐	😣	😐		🙂	😐	😣
4	0.2	6°	0.10–0.22	±0.05	±0.1	SX-4E400R/L6-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
4.1	0.3		0.10–0.32	±0.05	±0.1	SX-4E410N03-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
4.8	0.3		0.12–0.35	±0.05	±0.1	SX-4E480N03-CE4			😐	😣		😐	😣				😐	😣
5	0.4		0.12–0.35	±0.05	±0.1	SX-5E500N04-CE4	🙂	🙂	😐	😣	🙂	😐	😣	😐		🙂	😐	😣
5	0.4	6°	0.12–0.25	±0.05	±0.1	SX-5E500R/L6-CE4			😐			😐					😐	
6	0.4		0.12–0.40	±0.05	±0.1	SX-6E600N04-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
6	0.4	6°	0.12–0.30	±0.05	±0.1	SX-6E600R/L6-CE4			😐			😐					😐	
8	0.8		0.20–0.55	±0.05	±0.1	SX-8E800N08-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
10	0.8		0.25–0.60	±0.05	±0.1	SX-10E1000N08-CE4	🙂		😐	😣		😐	😣	😐			😐	😣

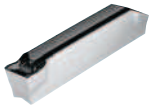
HC = coated carbide
HW = uncoated carbide



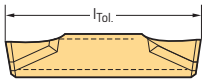
Grooving and parting off
GX cutting inserts

Tiger·tec® Silver

Cutting inserts

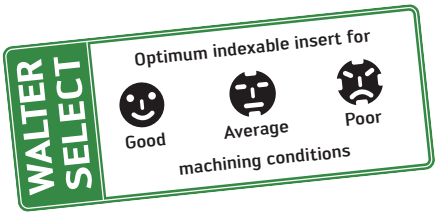
	Designation	s in	r in	κ	l in	f in	S_{Tol} in	l_{Tol} in
	GX24-2F300N02-CF5	0.118	0.008		0.933	0.003–0.008	±0.0020	±0.0059
	GX24-3F400N02-CF5	0.157	0.008		0.933	0.004–0.009	±0.0020	±0.0059
	GX24-3F500N03-CF5	0.197	0.012		0.933	0.004–0.010	±0.0020	±0.0059
	GX16-1E200N02-CK8	0.079	0.008		0.654	0.002–0.005	±0.0008	±0.0010
	GX16-2E300N02-CK8	0.118	0.008		0.654	0.003–0.008	±0.0008	±0.0010
	GX24-2E300N02-CK8	0.118	0.008		0.969	0.003–0.008	±0.0008	±0.0010
	GX24-3E400N02-CK8	0.157	0.008		0.969	0.004–0.009	±0.0008	±0.0010
	GX16-1E200N02-CE4	0.079	0.008		0.654	0.002–0.006	±0.0020	±0.0059
	GX16-1E200R/L6-CE4	0.079	0.008	6°	0.654	0.002–0.004	±0.0020	±0.0059
	GX16-1E250N02-CE4	0.098	0.008		0.654	0.003–0.007	±0.0020	±0.0059
	GX16-1E250R/L6-CE4	0.098	0.008	6°	0.654	0.002–0.005	±0.0020	±0.0059
	GX16-2E300N02-CE4	0.118	0.008		0.654	0.004–0.012	±0.0020	±0.0059
	GX16-2E300R/L6-CE4	0.118	0.008	6°	0.654	0.004–0.009	±0.0020	±0.0059
	GX24-1E200N02-CE4	0.079	0.008		0.945	0.002–0.006	±0.0020	±0.0059
	GX24-1E250N02-CE4	0.098	0.008		0.945	0.003–0.007	±0.0020	±0.0059
	GX24-2E300N02-CE4	0.118	0.008		0.945	0.004–0.012	±0.0020	±0.0059
	GX24-2E300R/L6-CE4	0.118	0.008	6°	0.969	0.004–0.009	±0.0020	±0.0059
	GX24-3E400N03-CE4	0.157	0.012		0.945	0.004–0.013	±0.0020	±0.0059
	GX24-3E400R/L6-CE4	0.157	0.008	6°	0.969	0.004–0.010	±0.0020	±0.0059
	GX24-3E500N03-CE4	0.197	0.012		0.945	0.005–0.014	±0.0020	±0.0059
	GX24-4E600N03-CE4	0.236	0.012		0.945	0.005–0.016	±0.0020	±0.0059
	GX34-2E300R6-CE4	0.118	0.012	6°	1.339	0.004–0.009	±0.0020	±0.0059
	GX34-2E300N03-CE4	0.118	0.012		1.339	0.004–0.012	±0.0020	±0.0059
	GX34-2E300L6-CE4	0.118	0.012	6°	1.339	0.004–0.009	±0.0020	±0.0059
	GX34-3E400N04-CE4	0.157	0.016		1.339	0.004–0.013	±0.0020	±0.0059
	GX24-2F300N02-CE4	0.118	0.008		0.945	0.004–0.012	±0.0020	±0.0059
	GX24-3F400N03-CE4	0.157	0.012		0.945	0.004–0.013	±0.0020	±0.0059

l_{Tol} = Repeat accuracy when changing indexable inserts
Radius tolerance r_{Tol} = ±0.002 in
Parting off with diameters up to 1.260 in is possible with GX16 inserts (l = 0.654 in)



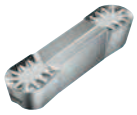
	s mm	r mm	κ	l mm	f mm	S_{Tol} mm	l_{Tol} mm	Designation	P HC WKP23S	P HC WSM23S	P HC WSM33S	P HC WSM43S	M HC WSM23S	M HC WSM33S	M HC WSM43S	K HC WKP23S	N HW WK1	S HC WSM23S	S HC WSM33S	S HC WSM43S
	3	0.2		23.7	0.08–0.20	±0.05	±0.15	GX24-2F300N02-CF5			😐	😣		😐	😣				😐	😣
	4	0.2		23.7	0.10–0.22	±0.05	±0.15	GX24-3F400N02-CF5			😐			😐					😐	
	5	0.3		23.7	0.10–0.25	±0.05	±0.15	GX24-3F500N03-CF5			😐			😐					😐	
	2	0.2		16.6	0.04–0.12	±0.02	±0.03	GX16-1E200N02-CK8									🙂			
	3	0.2		16.6	0.08–0.20	±0.02	±0.03	GX16-2E300N02-CK8									🙂			
	3	0.2		24.6	0.08–0.20	±0.02	±0.03	GX24-2E300N02-CK8									🙂			
	4	0.2		24.6	0.10–0.22	±0.02	±0.03	GX24-3E400N02-CK8									🙂			
	2	0.2		16.6	0.06–0.15	±0.05	±0.15	GX16-1E200N02-CE4		🙂	😐	😣	🙂	😐	😣			🙂	😐	😣
	2	0.2	6°	16.6	0.04–0.10	±0.05	±0.15	GX16-1E200R/L6-CE4			😐	😣		😐	😣				😐	😣
	2.5	0.2		16.6	0.07–0.18	±0.05	±0.15	GX16-1E250N02-CE4			😐	😣		😐	😣				😐	😣
	2.5	0.2	6°	16.6	0.05–0.12	±0.05	±0.15	GX16-1E250R/L6-CE4			😐			😐					😐	
	3	0.2		16.6	0.09–0.30	±0.05	±0.15	GX16-2E300N02-CE4		🙂	😐	😣	🙂	😐	😣			🙂	😐	😣
	3	0.2	6°	16.6	0.09–0.24	±0.05	±0.15	GX16-2E300R/L6-CE4			😐			😐					😐	
	2	0.2		24	0.06–0.15	±0.05	±0.15	GX24-1E200N02-CE4	🙂	🙂	😐	😣	🙂	😐	😣	😐		🙂	😐	😣
	2.5	0.2		24	0.07–0.18	±0.05	±0.15	GX24-1E250N02-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
	3	0.2		24	0.09–0.30	±0.05	±0.15	GX24-2E300N02-CE4	🙂	🙂	😐	😣	🙂	😐	😣	😐		🙂	😐	😣
	3	0.2	6°	24.6	0.09–0.24	±0.05	±0.15	GX24-2E300R/L6-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
	4	0.3		24	0.10–0.32	±0.05	±0.15	GX24-3E400N03-CE4	🙂	🙂	😐	😣	🙂	😐	😣	😐		🙂	😐	😣
	4	0.2	6°	24.6	0.10–0.26	±0.05	±0.15	GX24-3E400R/L6-CE4			😐	😣		😐	😣				😐	😣
	5	0.3		24	0.12–0.35	±0.05	±0.15	GX24-3E500N03-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
	6	0.3		24	0.12–0.40	±0.05	±0.15	GX24-4E600N03-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
	3	0.3	6°	34	0.09–0.24	±0.05	±0.15	GX34-2E300R6-CE4			😐			😐					😐	
	3	0.3		34	0.09–0.30	±0.05	±0.15	GX34-2E300N03-CE4	🙂		😐	😣		😐	😣	😐			😐	😣
	3	0.3	6°	34	0.09–0.24	±0.05	±0.15	GX34-2E300L6-CE4			😐			😐					😐	
	4	0.4		34	0.10–0.32	±0.05	±0.15	GX34-3E400N04-CE4	🙂		😐			😐		😐			😐	
	3	0.2		24	0.09–0.30	±0.05	±0.15	GX24-2F300N02-CE4			😐	😣		😐	😣				😐	😣
	4	0.3		24	0.10–0.32	±0.05	±0.15	GX24-3F400N03-CE4			😐	😣		😐	😣				😐	😣

HC = coated carbide
HW = uncoated carbide



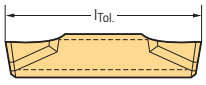
Grooving and copy turning
GX cutting inserts
Tiger·tec® Silver

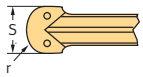
Cutting inserts

	Designation	s in	r in	l in	f in	a_p in	S_{Tol} in	l_{Tol} in
	GX24-4R300N-RK8	0.236	0.118	1.000	0.004–0.024	0.004–0.157	±0.0008	±0.0020
	GX24-5R400N-RK8	0.315	0.157	1.000	0.004–0.031	0.004–0.197	±0.0008	±0.0020
	GX09-1E200N10-RF8	0.079	0.039	0.354	0.002–0.007	0.004–0.039	±0.0008	±0.0008
	GX09-1E239N12-RF8	0.094	0.047	0.354	0.002–0.008	0.008–0.047	±0.0008	±0.0008
	GX16-1E200N10-RF8	0.079	0.039	0.630	0.003–0.010	0.004–0.039	±0.0008	±0.0008
	GX16-1E239N12-RF8	0.094	0.047	0.630	0.003–0.011	0.008–0.047	±0.0008	±0.0008
	GX16-2E300N15-RF8	0.118	0.059	0.630	0.004–0.012	0.004–0.059	±0.0008	±0.0008
	GX16-3E400N20-RF8	0.157	0.079	0.630	0.005–0.018	0.004–0.079	±0.0008	±0.0008
	GX16-3E500N25-RF8	0.197	0.098	0.630	0.006–0.004	0.008–0.098	±0.0008	±0.0008
	GX16-4E600N30-RF8	0.236	0.118	0.630	0.006–0.022	0.004–0.118	±0.0008	±0.0008
	GX24-2E300N15-RF8	0.118	0.059	0.945	0.004–0.012	0.004–0.059	±0.0008	±0.0008
	GX24-2E318N16-RF8	0.125	0.063	0.945	0.004–0.012	0.004–0.059	±0.0008	±0.0008
	GX24-3E400N20-RF8	0.157	0.079	0.945	0.005–0.018	0.004–0.079	±0.0008	±0.0008
	GX24-3E475N24-RF8	0.187	0.094	0.945	0.006–0.020	0.004–0.091	±0.0008	±0.0008
	GX24-3E500N25-RF8	0.197	0.098	0.945	0.006–0.020	0.004–0.098	±0.0008	±0.0008
	GX24-4E600N30-RF8	0.236	0.118	0.945	0.006–0.022	0.004–0.118	±0.0008	±0.0008
	GX24-4E635N32-RF8	0.250	0.125	0.945	0.006–0.022	0.004–0.118	±0.0008	±0.0008
	GX30-5E800N40-RF8	0.315	0.157	1.181	0.007–0.024	0.008–0.157	±0.0008	±0.0008
	GX16-1E200N10-RD4	0.079	0.039	0.630	0.003–0.010	0.008–0.039	±0.0020	±0.0059
	GX16-1E239N12-RD4	0.094	0.047	0.630	0.003–0.010	0.008–0.039	±0.0020	±0.0059
	GX16-2E300N15-RD4	0.118	0.059	0.630	0.004–0.014	0.020–0.059	±0.0020	±0.0059
	GX24-2E300N15-RD4	0.118	0.059	0.945	0.004–0.014	0.020–0.059	±0.0020	±0.0059
	GX24-2E318N16-RD4	0.125	0.063	0.945	0.004–0.014	0.020–0.059	±0.0020	±0.0059
	GX24-3E400N20-RD4	0.157	0.079	0.945	0.006–0.020	0.020–0.079	±0.0020	±0.0059
	GX24-3E475N24-RD4	0.187	0.094	0.945	0.007–0.024	0.020–0.091	±0.0020	±0.0059
	GX24-3E500N25-RD4	0.197	0.098	0.945	0.007–0.024	0.020–0.098	±0.0020	±0.0059
	GX24-4E600N30-RD4	0.236	0.118	0.945	0.007–0.028	0.020–0.118	±0.0020	±0.0059
	GX24-4E635N32-RD4	0.250	0.125	0.945	0.007–0.028	0.020–0.118	±0.0020	±0.0059
	GX30-5E800N40-RD4	0.315	0.157	1.181	0.008–0.031	0.024–0.157	±0.0020	±0.0059

l_{Tol} = Repeat accuracy when changing indexable inserts
Radius tolerance r_{Tol} = ±0.002 in

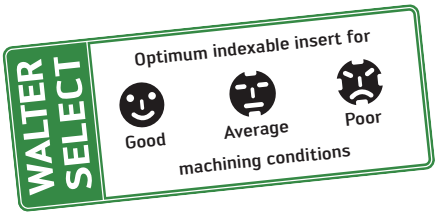
GX...N





	s mm	r mm	l mm	f mm	a_p mm	S_{Tol} mm	l_{Tol} mm	Designation	P HC					M HC				K HC	N HW	S HC			
									WKP23S	WSM13S	WSM23S	WSM33S	WSM43S	WSM13S	WSM23S	WSM33S	WSM43S	WKP23S	WK1	WSM13S	WSM23S	WSM33S	WSM43S
	6	3	25.4	0.10–0.60	0.1–4.0	±0.02	±0.05	GX24-4R300N-RK8											☺				
	8	4	25.4	0.10–0.80	0.1–5.0	±0.02	±0.05	GX24-5R400N-RK8											☺				
	2	1	9	0.05–0.17	0.1–1.0	±0.02	±0.02	GX09-1E200N10-RF8			😐				😐						😐		
	2.39	1.20	9	0.05–0.20	0.2–1.2	±0.02	±0.02	GX09-1E239N12-RF8			😐				😐						😐		
	2	1	16	0.08–0.25	0.1–1.0	±0.02	±0.02	GX16-1E200N10-RF8		☺	😐			☺	😐					☺	😐		
	2.39	1.20	16	0.08–0.28	0.2–1.2	±0.02	±0.02	GX16-1E239N12-RF8			😐				😐						😐		
	3	1.5	16	0.10–0.30	0.1–1.5	±0.02	±0.02	GX16-2E300N15-RF8		☺	😐			☺	😐					☺	😐		
	4	2	16	0.12–0.45	0.1–2.0	±0.02	±0.02	GX16-3E400N20-RF8			😐				😐						😐		
	5	2.5	16	0.15–0.10	0.2–2.5	±0.02	±0.02	GX16-3E500N25-RF8			😐				😐						😐		
	6	3	16	0.15–0.55	0.1–3.0	±0.02	±0.02	GX16-4E600N30-RF8			😐				😐						😐		
	3	1.5	24	0.10–0.30	0.1–1.5	±0.02	±0.02	GX24-2E300N15-RF8		☺	😐			☺	😐					☺	😐		
	3.18	1.59	24	0.10–0.30	0.1–1.5	±0.02	±0.02	GX24-2E318N16-RF8			😐				😐						😐		
	4	2	24	0.12–0.45	0.1–2.0	±0.02	±0.02	GX24-3E400N20-RF8		☺	😐			☺	😐					☺	😐		
	4.75	2.38	24	0.15–0.50	0.1–2.3	±0.02	±0.02	GX24-3E475N24-RF8			😐				😐						😐		
	5	2.5	24	0.15–0.50	0.1–2.5	±0.02	±0.02	GX24-3E500N25-RF8		☺	😐			☺	😐					☺	😐		
	6	3	24	0.15–0.55	0.1–3.0	±0.02	±0.02	GX24-4E600N30-RF8		☺	😐			☺	😐					☺	😐		
	6.35	3.18	24	0.15–0.55	0.1–3.0	±0.02	±0.02	GX24-4E635N32-RF8			😐				😐						😐		
	8	4	30	0.18–0.60	0.2–4.0	±0.02	±0.02	GX30-5E800N40-RF8		☺	😐			☺	😐					☺	😐		
	2	1	16	0.08–0.25	0.2–1.0	±0.05	±0.15	GX16-1E200N10-RD4	☺		☺	😐			☺	😐		😐				☺	😐	
	2.39	1.2	16	0.08–0.25	0.2–1.0	±0.05	±0.15	GX16-1E239N12-RD4				😐				😐							😐	
	3	1.5	16	0.10–0.35	0.5–1.5	±0.05	±0.15	GX16-2E300N15-RD4			☺	😐			☺	😐						☺	😐	
	3	1.5	24	0.10–0.35	0.5–1.5	±0.05	±0.15	GX24-2E300N15-RD4	☺			😐				😐		😐					😐	
	3.18	1.59	24	0.10–0.35	0.5–1.5	±0.05	±0.15	GX24-2E318N16-RD4	☺			😐				😐		😐					😐	
	4	2	24	0.15–0.50	0.5–2.0	±0.05	±0.15	GX24-3E400N20-RD4	☺			😐				😐		😐					😐	
	4.75	2.38	24	0.17–0.60	0.5–2.3	±0.05	±0.15	GX24-3E475N24-RD4	☺			😐				😐		😐					😐	
	5	2.5	24	0.17–0.60	0.5–2.5	±0.05	±0.15	GX24-3E500N25-RD4	☺			😐				😐		😐					😐	
	6	3	24	0.17–0.70	0.5–3.0	±0.05	±0.15	GX24-4E600N30-RD4	☺			😐				😐		😐					😐	
	6.35	3.18	24	0.17–0.70	0.5–3.0	±0.05	±0.15	GX24-4E635N32-RD4	☺			😐				😐		😐					😐	
	8	4	30	0.20–0.80	0.6–4.0	±0.05	±0.15	GX30-5E800N40-RD4	☺			😐				😐		😐					😐	

HC = coated carbide
HW = uncoated carbide



Walter

Grooving Tools

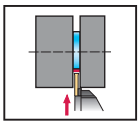
For complete product offering, see the 2018 General Catalog

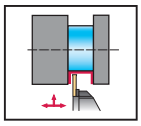
Shank tool – Radial grooving

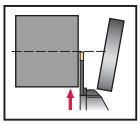
G1011 inch

Walter Cut

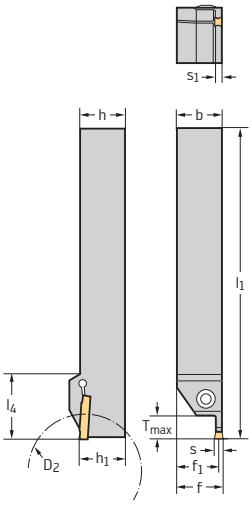
– Screw clamping







Tool



Designation	s in	T_{max} in	D_2 in	$h = h_1$ in	b in	f_1 in	l_1 in	l_4 in	s_1 in	Type
G1011.08R/L-2T8GX16	0.079	0.315		0.500	0.500	0.469	4.783	1.240	0.063	GX16-1E2 ..
G1011.08R/L-2T12GX16		0.472		0.500	0.500	0.469	4.783	1.240	0.063	
G1011.10R/L-2T8GX16		0.315		0.625	0.625	0.594	5.197	1.260	0.063	
G1011.10R/L-2T15GX16		0.591		0.625	0.625	0.594	5.354	1.417	0.063	
G1011.12R/L-2T8GX16		0.315		0.750	0.750	0.719	5.591	1.260	0.063	
G1011.12R/L-2T15GX16		0.591		0.750	0.750	0.719	5.748	1.417	0.063	
G1011.16R/L-2T8GX16		0.315		1.000	1.000	0.969	5.591	1.260	0.063	
G1011.16R/L-2T15GX16		0.591		1.000	1.000	0.969	5.748	1.417	0.063	
G1011.12R/L-2T21GX24		0.827		0.750	0.750	0.720	5.906	1.575	0.063	GX24-1E2 ..
G1011.16R/L-2T21GX24		0.827		1.000	1.000	0.970	5.906	1.575	0.063	
G1011.10R/L-3T12GX24	0.118	0.472		0.625	0.625	0.578	5.315	1.378	0.094	GX24-2E .. GX24-2F3 ..
G1011.10R/L-3T21GX24		0.827		0.625	0.625	0.578	5.906	1.575	0.094	
G1011.12R/L-3T12GX24		0.472		0.750	0.750	0.701	5.709	1.378	0.094	
G1011.12R/L-3T21GX24		0.827		0.750	0.750	0.701	5.906	1.575	0.094	
G1011.16R/L-3T12GX24		0.472		1.000	1.000	0.953	5.709	1.378	0.094	
G1011.16R/L-3T21GX24		0.827		1.000	1.000	0.953	5.906	1.575	0.094	
G1011.20R/L-3T21GX24		0.827	3.937	1.250	1.250	1.205	5.906	1.575	0.094	
G1011.10R/L-4T12GX24	0.157	0.472		0.625	0.625	0.558	5.315	1.378	0.134	GX24-3E4 .. GX24-3F4 ..
G1011.10R/L-4T21GX24		0.827		0.625	0.625	0.558	5.906	1.575	0.134	
G1011.12R/L-4T12GX24		0.472		0.750	0.750	0.685	5.709	1.378	0.134	
G1011.12R/L-4T21GX24		0.827		0.750	0.750	0.685	5.906	1.575	0.134	
G1011.16R/L-4T12GX24		0.472		1.000	1.000	0.933	5.709	1.378	0.134	
G1011.16R/L-4T21GX24		0.827		1.000	1.000	0.933	5.906	1.575	0.134	
G1011.20R/L-4T15GX24		0.591		1.250	1.250	1.252	5.787	1.457	0.134	
G1011.20R/L-4T26GX24		1.024	3.937	1.250	1.250	1.181	6.142	1.811	0.134	

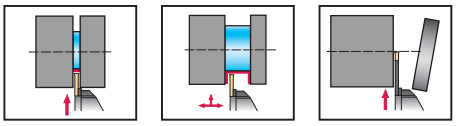
For T_{max} with diameters greater than D_2, see „Technical information – Grooving"
$f = f_1 + s/2$
Order example right tool: G1011.08R-2T8GX16 / Order example left tool: G1011.08L-2T8GX16
Bodies and assembly parts are included in the scope of delivery

Shank tool – Radial grooving

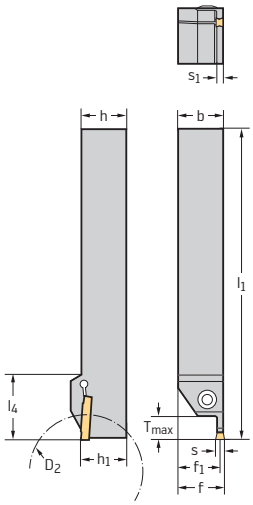
G1011 inch

Walter Cut

– Screw clamping



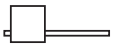
Tool



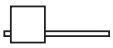
Designation	s in	T_{max} in	D_2 in	$h = h_1$ in	b in	f_1 in	l_1 in	l_4 in	s_1 in	Type
G1011.12R/L-5T12GX24	0.197	0.472		0.750	0.750	0.669	5.709	1.378	0.165	GX24-3E5 .. GX24-3F5 ..
G1011.12R/L-5T21GX24		0.827		0.750	0.750	0.669	5.906	1.575	0.165	
G1011.16R/L-5T12GX24		0.472		1.000	1.000	0.917	5.709	1.378	0.165	
G1011.16R/L-5T21GX24		0.827		1.000	1.000	0.917	5.906	1.575	0.165	
G1011.16R/L-5T32GX24		1.260		1.000	1.000	0.917	6.496	2.165	0.165	
G1011.20R/L-5T26GX24		1.024	3.937	1.250	1.250	1.167	6.142	1.811	0.165	
G1011.12R/L-6T12GX24	0.236	0.472		0.750	0.750	0.646	5.709	1.378	0.205	GX24-4E6 ..
G1011.12R/L-6T21GX24		0.827		0.750	0.750	0.646	5.906	1.575	0.205	
G1011.16R/L-6T12GX24		0.472		1.000	1.000	0.898	5.709	1.378	0.205	
G1011.16R/L-6T21GX24		0.827		1.000	1.000	0.898	5.906	1.575	0.205	
G1011.16R/L-6T32GX24		1.260		1.000	1.000	0.898	6.496	2.165	0.205	
G1011.20R/L-6T21GX24		0.827	3.937	1.250	1.250	1.148	5.906	1.575	0.205	
G1011.20R/L-6T32GX24		1.260	5.512	1.250	1.250	1.148	6.496	2.165	0.205	
G1011.16R/L-8T28GX30	0.315	1.102	4.724	1.000	1.000	0.882	6.496	2.165	0.240	GX30-5E8 ..
G1011.20R/L-8T28GX30		1.102	4.724	1.250	1.250	1.130	6.496	2.165	0.240	
G1011.20R/L-8T38GX30		1.496	5.512	1.250	1.250	1.130	6.890	2.559	0.240	
G1011.24R/L-8T38GX30		1.496	5.512	1.500	1.500	1.378	6.890	2.559	0.240	

For T_{max} with diameters greater than D_2, see „Technical information – Grooving"
$f = f_1 + s/2$
Order example right tool: G1011.08R-2T8GX16 / Order example left tool: G1011.08L-2T8GX16
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	$h = h_1$ [in]	0.500-1.500
	Clamping screw for grooving insert Torque	FS2118 (Torx 20IP) 44 in lb
	Allen key	FS1464 (Torx 20IP)

Accessories

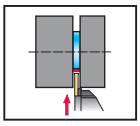
	$h = h_1$ [in]	0.750-1.000
	Torx key	FS1464 (Torx 20IP)

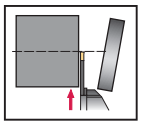
Deep parting blade

G1042 mm

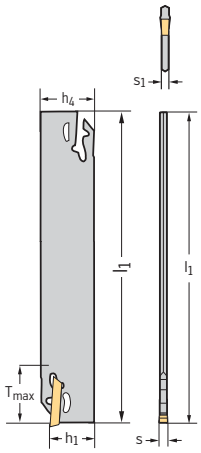
Walter Cut

– Self-clamping system





Tool



Designation	s in	s mm	T_{max} in	h_4 in	l_1 in	h_1 in	s_1 in	Type
G1042.26N-2T25GX16	0.079	2	0.984	1.024	4.264	0.831	0.059	GX16-1E2 ..
G1042.32N-2T25GX16			0.984	1.260	5.878	0.976	0.059	
G1042.26N-2T40GX24			1.575	1.024	4.264	0.831	0.059	GX24-1E2 ..
G1042.32N-2T50GX24			1.969	1.260	5.878	0.976	0.059	
G1042.26N-3T40GX24	0.118	3	1.575	1.024	4.264	0.827	0.091	GX24-2E .. GX24-2F3 ..
G1042.32N-3T50GX24			1.969	1.260	5.878	0.972	0.091	
G1042.26N-4T40GX24	0.157	4	1.575	1.024	4.264	0.823	0.124	GX24-3E4 .. GX24-3F4 ..
G1042.32N-4T50GX24			1.969	1.260	5.878	0.969	0.124	
G1042.32N-5T60GX24	0.197	5	2.362	1.260	5.878	0.965	0.154	GX24-3E5 .. GX24-3F5 ..
G1042.32N-6T60GX24	0.236	6	2.362	1.260	5.878	0.961	0.185	GX24-4E6 ..

Accessories

h_4 [in]	1.024-1.260
Mounting wrench for grooving insert	FS1494

Boring bar – Internal grooving

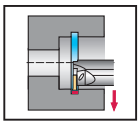
G1221...-P **inch**

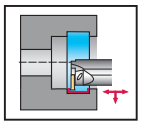
Walter Cut

– Screw clamping
– Precision cooling

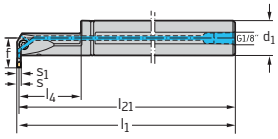
LEFT

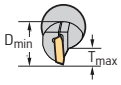
RIGHT





Tool





Designation	s in	T_{max} in	D_{min} in	d_1 in	f in	l_4 in	l_{21} in	s_1 in	Type
G1221.10QR/L-2T04-GX09-P	0.079–0.098	0.157	0.625	0.625	0.492	1.575	7.059	0.055	GX09-1E2 ..
G1221.12QR/L-2T06-GX09-P		0.236	0.750	0.750	0.634	1.850	7.059	0.055	
G1221.16RR/L-2T08-GX16-P		0.315	1.000	1.000	0.839	2.205	7.844	0.059	GX16-1E2 ..
G1221.12QR/L-3T06-GX09-P	0.118	0.236	0.750	0.750	0.634	1.850	7.045	0.083	GX09-2E3 ..
G1221.16RR/L-3T08-GX16-P		0.315	1.000	1.000	0.839	2.205	7.833	0.083	GX16-2E3 ..
G1221.20SR/L-3T10-GX16-P		0.394	1.250	1.250	1.043	2.717	9.801	0.083	
G1221.20SR/L-4T10-GX16-P	0.157–0.197	0.394	1.250	1.250	1.043	2.717	9.781	0.122	GX16-3E ..

$l_1 = l_{21} + s/2$
Order example right tool: G1221.10QR-2T04-GX09-P / Order example left tool: G1221.10QL-2T04-GX09-P
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	D_{min} [in]	0.625	0.750	1.000	1.250
	Clamping screw for grooving insert Torque	FS1453 (Torx 15IP) 31 in lb	FS2081 (Torx 15IP) 35 in lb	FS1495 (Torx 20IP) 44 in lb	FS2089 (Torx 25IP) 84 in lb
	Threaded plug	M02X002 ISO 4026	M03X003 ISO 4026 (SW 1.6)	M03X003 ISO 4026 (SW 1.6)	M03X003 ISO 4026 (SW 1.6)
	O-Ring	O-RING 11X2	O-RING 15X2	O-RING 20X2	O-RING 27X2
	Screwdriver	FS1485 (Torx 15IP)	FS1485 (Torx 15IP)	FS1486 (Torx 20IP)	FS1487 (Torx 25IP)

Accessories

	D_{min} [in]	0.625-0.750	1.000	1.250
	Torque screwdriver, digital Torque	FS2248 8.85–53.1 in lb	FS2248 8.85–53.1 in lb	FS2248 8.85–53.1 in lb
	Interchangeable blade	FS2014 (Torx 15IP)	FS2015 (Torx 20IP)	FS2016 (Torx 25IP)

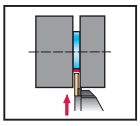
Shank tool – Radial grooving

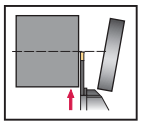
G2012 **inch**

Walter Cut

RIGHT

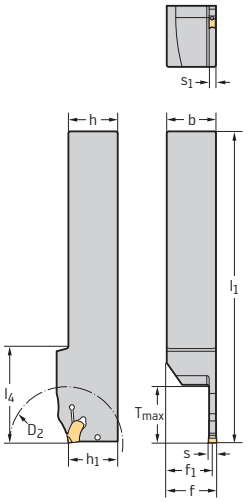
– Self-clamping system





SX

Tool



Designation	s in	T_{max} in	D_2 in	$h = h_1$ in	b in	f_1 in	l_1 in	l_4 in	s_1 in	Type
G2012.08R/L-1.5T15SX		0.591	1.496	0.500	0.500	0.476	4.724	0.984	0.047	
G2012.10R/L-1.5T15SX	0.059	0.591	1.496	0.625	0.625	0.602	4.724	0.984	0.047	SX-1E1 ..
G2012.12R/L-1.5T15SX		0.591	1.496	0.750	0.750	0.726	4.724	0.984	0.047	
G2012.16R/L-2T26SX	0.079	1.024	2.047	1.000	1.000	0.969	5.748	1.417	0.061	SX-2E2 ..
G2012.16R/L-3T33SX	0.118	1.299	2.559	1.000	1.000	0.952	5.906	1.693	0.096	SX-3E3 ..

$f = f_1 + s/2$

Order example right tool: G2012.16R-2T26SX / Order example left tool: G2012.16L-2T26SX

Accessories

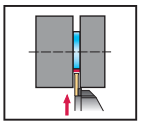
	$h = h_1$ [in]	0.500-0.750	1.000
	Mounting wrench for grooving insert	FS2249	FS1494

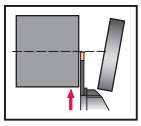
Deep parting blade

G2042...N mm

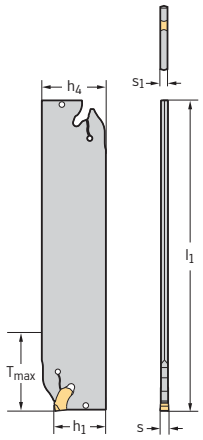
Walter Cut

– Self-clamping system





Tool



Designation	s in	s mm	T_{max} in	h_4 in	l_1 in	h_1 in	s_1 in	Type
G2042.26N-2T30SX	0.079	2	1.181	1.024	4.331	0.831	0.063	SX-2E2 ..
G2042.32N-2T30SX			1.181	1.260	5.945	0.976	0.063	
G2042.26N-3T38SX	0.118	3	1.496	1.024	4.331	0.827	0.094	SX-3E3 ..
G2042.32N-3T50SX			1.969	1.260	5.945	0.972	0.094	
G2042.26N-4T40SX	0.157	4	1.575	1.024	4.331	0.823	0.134	SX-4E4 ..
G2042.32N-4T50SX			1.969	1.260	5.945	0.966	0.134	
G2042.32N-5T60SX	0.197	5	2.362	1.260	5.945	0.961	0.169	SX-5E5 ..
G2042.46N-5T80SX			3.150	1.811	9.882	1.472	0.169	
G2042.32N-6T60SX	0.236	6	2.362	1.260	5.945	0.957	0.209	SX-6E6 ..
G2042.46N-6T80SX			3.150	1.811	9.882	1.469	0.209	

Accessories

h_4 [in]	1.024-1.811
Mounting wrench for grooving insert	FS1494


WALTER

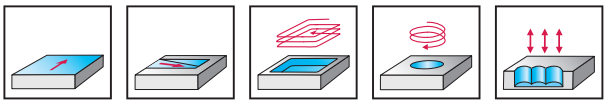
Walter

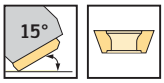
M4000 Milling Program

For complete product offering, see the 2018 General Catalog

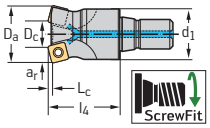
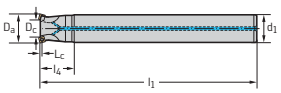
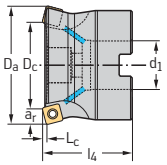
High-feed face milling cutters
M4002 inch

– 4 cutting edges per indexable insert
– 120° type chamfer milling cutters



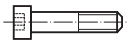


	P	M	K	N	S	H	O
M4002	●●	●●	●●		●●	●	

Tool	Designation	D_c in	D_a * in	d_1 in	l_4 in	l_1 in	L_c in	a_r in	Z	lbs	No. of inserts	Type
ScrewFit 	M4002.019-T18-02-01	0.291	0.750	0.728	1.181		0.039	0.224	2	0.1	2	SDM . 06T2 ..
	M4002.026-T22-02-01,5	0.339	1.000	0.866	1.575		0.059	0.331	2	0.0	2	SDM . 09T3 ..
	M4002.026-T22-03-01	0.543	1.000	0.866	1.378		0.039	0.224	3	0.2	3	SDM . 06T2 ..
	M4002.031-T28-03-01,5	0.593	1.250	1.102	1.575		0.059	0.331	3	0.4	3	SDM . 09T3 ..
	M4002.031-T28-04-01	0.795	1.250	1.102	1.575		0.039	0.224	4	0.5	4	SDM . 06T2 ..
	M4002.038-T36-04-01,5	0.843	1.500	1.417	1.575		0.059	0.331	4	0.6	4	SDM . 09T3 ..
	M4002.038-T36-05-01	1.043	1.500	1.417	1.575		0.039	0.224	5	0.8	5	SDM . 06T2 ..
Cylindrical shank 	M4002.019-A19-02-01	0.291	0.750	0.750	1.181	7.874	0.039	0.224	2	0.9	2	
	M4002.026-A26-03-01	0.543	1.000	1.000	1.378	7.874	0.039	0.224	3	1.7	3	SDM . 06T2 ..
	M4002.031-A31-04-01	0.795	1.250	1.250	1.575	9.843	0.039	0.224	4	3.2	4	
Shell mill mount DIN 138 transverse keyway 	M4002.038-B13-05-01	1.043	1.500	0.500	1.378		0.039	0.224	5	0.4	5	SDM . 06T2 ..
	M4002.051-B19-04-02	1.094	2.000	0.750	1.575		0.079	0.449	4	0.8	4	SDM . 1204 ..
	M4002.051-B19-05-01,5	1.337	2.000	0.750	1.575		0.059	0.331	5	0.8	5	SDM . 09T3 ..
	M4002.051-B19-07-01	1.543	2.000	0.750	1.575		0.039	0.224	7	0.8	7	SDM . 06T2 ..
	M4002.064-B19-05-02	1.594	2.500	0.750	1.969		0.079	0.449	5	1.3	5	SDM . 1204 ..
	M4002.064-B19-06-01,5	1.843	2.500	0.750	1.969		0.059	0.331	6	1.8	6	SDM . 09T3 ..
	M4002.064-B26-08-01	2.043	2.500	1.000	1.969		0.039	0.224	8	1.7	8	SDM . 06T2 ..
	M4002.076-B26-06-02	2.094	3.000	1.000	1.969		0.079	0.449	6	2.6	6	SDM . 1204 ..
	M4002.102-B38-07-02	3.094	4.000	1.500	2.480		0.079	0.449	7	5.8	7	

*Measured using SDM.06T204, SDM.09T308, SDM.120408
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type D_c [in]	SDM . 06T2 .. 0.291–0.795	SDM . 06T2 .. 1.043	SDM . 06T2 .. 1.543	SDM . 06T2 .. 2.043	SDM . 09T3 .. 0.339–0.843	SDM . 09T3 .. 1.337–1.843	SDM . 1204 .. 1.094–1.594	SDM . 1204 .. 2.094	SDM . 1204 .. 3.094
	Clamping screw for indexable insert Torque	FS2084 (Torx 7IP) 8 in lbs	FS2084 (Torx 7IP) 8 in lbs	FS2084 (Torx 7IP) 8 in lbs	FS2084 (Torx 7IP) 8 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS1453 (Torx 15IP) 31 in lbs	FS1453 (Torx 15IP) 31 in lbs	FS1453 (Torx 15IP) 31 in lbs
	Clamping screw for arbor-mounted tools		FS1527	FS1523	FS1519		FS1523	FS1523	FS1519	FS1583

Accessories

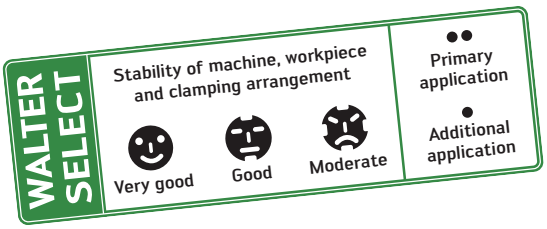
	Type	SDM . 06T2 ..	SDM . 09T3 ..	SDM . 1204 ..
	Torque screwdriver, analogue Torque	FS2002 3.5–10.6 in lbs	FS2004 13.3–44 in lbs	FS2004 13.3–44 in lbs
	Torque screwdriver, digital Torque		FS2248 8.85–53.1 in lbs	FS2248 8.85–53.1 in lbs
	Interchangeable blade	FS2011 (Torx 7IP)	FS2268 (Torx 10IP)	FS2014 (Torx 15IP)
	Screwdriver	FS2088 (Torx 7IP)	FS2267 (Torx 10IP)	FS1485 (Torx 15IP)

Indexable inserts

	Designation	r in	b in	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45S
	SDMT06T2ZDR-D57	0.016	0.047		●	●	●●			●●				●●	●●			●●
	SDMT09T3ZDR-D57	0.031	0.048		●	●	●●			●●				●●	●●			●●
	SDMT1204ZDR-D57	0.031	0.071		●	●	●●			●●				●●	●●			●●
	SDMT06T204-D57	0.016		●●	●	●	●●	●		●●		●	●	●●	●●	●		●●
	SDMT06T204-F57	0.016		●●	●	●	●●	●	●●	●●	●●		●	●●	●●	●	●●	●●
	SDMT06T212-F57	0.047			●	●	●●	●	●●	●●				●●	●●	●	●●	●●
	SDMW06T204-A57	0.016		●	●●	●●							●	●●	●●			
	SDMT09T308-D57	0.031		●●	●	●	●●	●		●●		●	●	●●	●●	●		●●
	SDMT09T308-F57	0.031		●●	●	●	●●	●	●●	●●	●●		●	●●	●●	●	●●	●●
	SDMT09T320-F57	0.079			●	●	●●	●	●●	●●				●●	●●	●	●●	●●
	SDMW09T308-A57	0.031		●	●●	●●							●	●●	●●			
	SDMT120408-D57	0.031		●●	●	●	●●	●		●●		●	●	●●	●●	●		●●
	SDMT120408-F57	0.031		●●	●	●	●●	●	●●	●●	●●		●	●●	●●	●	●●	●●
	SDMT120425-F57	0.098			●	●	●●	●	●●	●●				●●	●●	●	●●	●●
	SDMW120408-A57	0.031		●	●●	●●							●	●●	●●			

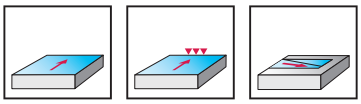
For SD..120425 indexable inserts, the circumference of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

HC = coated carbide



Face milling cutters
M4003 inch
SD .. 09T3AZN

– 4 cutting edges per indexable insert

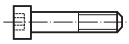


	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

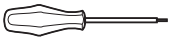
Tool	Designation	D_c in	d_1 in	l_4 in	l_1 in	L_c in	Z	lbs	No. of inserts	Type
Cylindrical shank	M4003.019-A19-02-4.5	0.750	0.750	1.378	4.331	0.177	2	0.6	2	SD .. 09T3AZN SDHX09T3AZR
	M4003.026-A26-03-4.5	1.000	1.000	1.378	4.331	0.177	3	1.1	3	
	M4003.031-A31-04-4.5	1.250	1.250	1.378	4.331	0.177	4	1.6	4	
Shell mill mount DIN 138 transverse keyway	M4003.031-B13-04-4.5	1.250	0.500	1.575		0.177	4	0.5	4	SD .. 09T3AZN SDHX09T3AZR
	M4003.038-B19-04-4.5	1.500	0.500	1.575		0.177	4	0.7	4	
	M4003.051-B19-06-4.5	2.000	0.750	1.575		0.177	6	1.1	6	
	M4003.064-B26-07-4.5	2.500	1.000	1.969		0.177	7	1.9	7	
	M4003.076-B26-08-4.5	3.000	1.000	1.969		0.177	8	2.6	8	
	M4003.102-B38-09-4.5	4.000	1.500	2.480		0.177	9	6.4	9	

Bodies and assembly parts are included in the scope of delivery

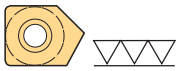
Assembly parts

	D_c [in]	0.750–1.000	1.250	1.500–2.000	2.500–3.000	4.000
	Clamping screw for indexable insert Torque	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs
	Clamping screw for arbor-mounted tools		FS1597	FS1523	FS1519	FS1583

Accessories

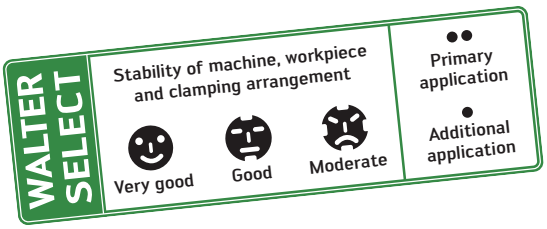
	D_c [in]	0.750–4.000
	Torque screwdriver, analogue Torque	FS2004 13.3–44 in lbs
	Torque screwdriver, digital Torque	FS2248 8.85–53.1 in lbs
	Interchangeable blade	FS2268 (Torx 10IP)
	Screwdriver	FS2267 (Torx 10IP)

Indexable inserts

	Designation	r in	b in	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45S	H HC WHH15	O HC WXM15
	SDHX09T3AZR-A88		0.220								☺									☺	☺
	SDGT09T3AZN-F57	0.012	0.055	☺	😐		☹	😐		☹	☺		😐	☹			😐		☹		
	SDGT09T3AZN-G77	0.012	0.047				☹			☹									☹		
	SDHT09T3AZN-G88	0.012	0.047												☺						
	SDMT09T3AZN-D57	0.012	0.047	☺	😐		☹	😐		☹		😐	😐	☹			😐		☹		
	SDMT09T3AZN-F57	0.012	0.055	☺	😐		☹		☹	☹			😐	☹				☹	☹		
	SDMW09T3AZN-A57	0.012	0.047	😐	☹						☺		😐	☹							

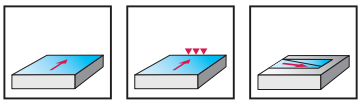
SDHX09T3AZR-A88 only in combination with SDGT09T3AZN-F57

HC = coated carbide
HW = uncoated carbide



Face milling cutters
M4003 inch
SD .. 1204AZN

– 4 cutting edges per indexable insert



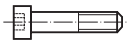
	P	M	K	N	S	H	O
M4003	●●	●●	●●	●●	●●	●	●

Tool

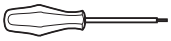
Designation	D_c in	d_1 in	l_4 in	l_1 in	L_c in	Z	lbs	No. of inserts	Type
Cylindrical shank									
M4003.026-A26-02-6.5	1.000	1.000	1.378	4.331	0.256	2	1.1	2	SD .. 1204AZN SDHX1204AZR
M4003.031-A31-03-6.5	1.250	1.250	1.378	4.331	0.256	3	1.6	3	
M4003.038-A31-04-6.5	1.500	1.250	1.378	4.331	0.256	4	1.8	4	
Shell mill mount DIN 138 transverse keyway									
M4003.038-B19-03-6.5	1.500	0.500	1.575		0.256	3	0.7	3	SD .. 1204AZN SDHX1204AZR
M4003.051-B19-04-6.5	2.000	0.750	1.575		0.256	4	1.1	4	
M4003.064-B26-05-6.5	2.500	1.000	1.969		0.256	5	1.9	5	
M4003.076-B26-06-6.5	3.000	1.000	1.969		0.256	6	0.1	6	
M4003.102-B38-07-6.5	4.000	1.500	2.480		0.256	7	6.9	7	
M4003.127-B38-08-6.5	5.000	1.500	2.480		0.256	8	8.3	8	
M4003.152-B38-09-6.5	6.000	1.500	2.480		0.256	9	11.4	9	

Bodies and assembly parts are included in the scope of delivery

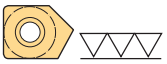
Assembly parts

	D_c [in]	1.000–1.250	1.500–2.000	2.500–3.000	4.000–6.000
	Clamping screw for indexable insert Torque	FS1453 (Torx 15IP) 31 in lbs	FS1453 (Torx 15IP) 31 in lbs	FS1453 (Torx 15IP) 31 in lbs	FS1453 (Torx 15IP) 31 in lbs
	Clamping screw for arbor-mounted tools		FS1523	FS1519	FS1583

Accessories

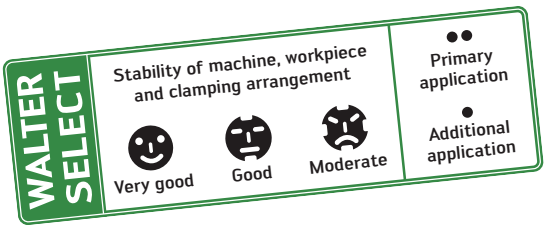
	D_c [in]	1.000–6.000
	Torque screwdriver, analogue Torque	FS2004 13.3–44 in lbs
	Torque screwdriver, digital Torque	FS2248 8.85–53.1 in lbs
	Interchangeable blade	FS2014 (Torx 15IP)
	Screwdriver	FS1485 (Torx 15IP)

Indexable inserts

	Designation	r in	b in	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45S	H HC WHH15	O HC WXM15
	SDHX1204AZR-A88		0.297								☺									☺	☺
	SDGT1204AZN-F57	0.012	0.071	☺	😐		☹	😐		☹	☺		😐	☹			😐		☹		
	SDGT1204AZN-G77	0.012	0.055				☹			☹									☹		
	SDHT1204AZN-G88	0.012	0.055													☺					
	SDMT1204AZN-D57	0.012	0.055	☺	😐		☹	😐		☹	☺	😐	😐	☹			😐		☹		
	SDMT1204AZN-F57	0.012	0.071	☺	😐		☹		☹	☹			😐	☹				☹	☹		
	SDMW1204AZN-A57	0.012	0.055	😐	☹						☺		😐	☹							

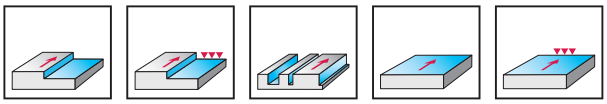
SDHX1204AZR-A88 only in combination with SDGT1204AZN-F57

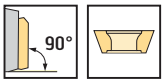
HC = coated carbide
HW = uncoated carbide



Shoulder milling cutters
M4132 inch

– 4 cutting edges per indexable insert



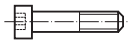


	P	M	K	N	S	H	O
M4132	●●	●●	●●		●●		

Tool	Designation	D_c in	d_1 in	l_1 in	l_4 in	L_c in	Z	lbs	No. of inserts	Type
Weldon shank	M4132.015-W15-02-06	0.625	0.625	2.851	0.945	0.220	2	0.2	2	SD .. 06T2 ..
	M4132.019-W19-03-06	0.750	0.750	2.976	0.945	0.220	3	0.3	3	
	M4132.026-W26-02-09	1.000	1.000	3.622	1.339	0.331	2	0.1	2	SD .. 09T3 ..
	M4132.031-W31-03-09	1.250	1.250	3.701	1.417	0.331	3	0.1	3	
	M4132.038-W38-04-09	1.500	1.500	4.185	1.496	0.331	4	0.2	4	
Shell mill mount DIN 138 transverse keyway	M4132.038-B13-05-09	1.500	0.500	1.575	1.575	0.331	5	0.0	5	SD .. 09T3 ..
	M4132.051-B19-06-09	2.000	0.750	1.575	1.575	0.331	6	0.1	6	
	M4132.051-B19-04-12	2.000	0.750	1.500	1.500	0.457	4	0.8	4	SD .. 1204 ..
	M4132.064-B26-07-09	2.500	1.000	1.575	1.575	0.331	7	0.1	7	SD .. 09T3 ..
	M4132.064-B26-05-12	2.500	1.000	1.575	1.575	0.457	5	1.1	5	SD .. 1204 ..
	M4132.076-B26-08-09	3.000	1.000	1.969	1.969	0.331	8	2.3	8	SD .. 09T3 ..
	M4132.076-B26-06-12	3.000	1.000	1.969	1.969	0.457	6	2.0	6	SD .. 1204 ..
	M4132.102-B31-07-12	4.000	1.250	1.969	1.969	0.457	7	3.9	7	
	M4132.127-B38-08-12	5.000	1.500	2.480	2.480	0.457	8	8.0	8	

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type D_c [in]	SD .. 06T2 .. 0.625–0.750	SD .. 09T3 .. 1.000–1.250	SD .. 09T3 .. 1.500	SD .. 09T3 .. 2.000	SD .. 09T3 .. 2.500–3.000	SD .. 1204 .. 2.000–3.000	SD .. 1204 .. 4.000	SD .. 1204 .. 5.000
	Clamping screw for indexable insert Torque	FS2084 (Torx 7IP) 8 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS1453 (Torx 15IP) 31 in lbs	FS1453 (Torx 15IP) 31 in lbs	FS1453 (Torx 15IP) 31 in lbs
	Clamping screw for arbor-mounted tools			FS1597	FS1523	FS1519	FS1519	FS1339	FS1583

Accessories

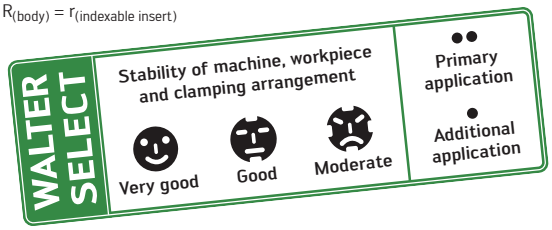
	Typev	SD .. 06T2 ..	SD .. 09T3 ..	SD .. 1204 ..
	Torque screwdriver, analogue Torque	FS2001 0.4–1.2 Nm	FS2003 1.5–5.0 Nm	FS2003 1.5–5.0 Nm
	Torque screwdriver, digital Torque		FS2248 1.0–6.0 Nm	FS2248 1.0–6.0 Nm
	Interchangeable blade	FS2011 (Torx 7IP)	FS2268 (Torx 10IP)	FS2014 (Torx 15IP)
	Screwdriver	FS2088 (Torx 7IP)	FS2267 (Torx 10IP)	FS1485 (Torx 15IP)

Indexable inserts

	Designation	r in	b in	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45S
	SDGT06T2PDR-D57	0.016	0.047	☺	😐	😐	☹	😐		☹			😐	☹	☹		😐		☹
	SDGT09T3PDR-D57	0.031	0.047	☺	😐	😐	☹	😐		☹			😐	☹	☹		😐		☹
	SDGT1204PDR-D57	0.031	0.063	☺	😐	😐	☹	😐		☹			😐	☹	☹		😐		☹
	SDHT06T204-G88	0.016														☺			
	SDHT09T304-G88	0.016														☺			
	SDHT09T308-G88	0.031														☺			
	SDHT120408-G88	0.031														☺			
	SDMW06T204-A57	0.016		😐	☹	☹							😐	☹	☹				
	SDMW09T308-A57	0.031		😐	☹	☹							😐	☹	☹				
	SDMW120408-A57	0.031		😐	☹	☹							😐	☹	☹				
	SDMT06T204-D51	0.016		☺	😐	😐	☹			☹			😐	☹	☹				☹
	SDMT09T308-D51	0.031		☺	😐	😐	☹			☹			😐	☹	☹				☹
	SDMT120408-D51	0.031		☺	😐	😐	☹			☹			😐	☹	☹				☹
	SDMT06T204-D57	0.016		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹		😐		☹
	SDMT09T308-D57	0.031		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹		😐		☹
	SDMT120408-D57	0.031		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹		😐		☹
	SDMT06T204-F57	0.016		☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹		😐	☹	☹
	SDMT06T208-F57	0.031			😐		☹			☹				☹					☹
	SDMT06T212-F57	0.047			😐	😐	☹	😐	☹	☹				☹	☹		😐	☹	☹
	SDMT09T304-F57	0.016			😐		☹			☹				☹					☹
	SDMT09T308-F57	0.031		☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹		😐	☹	☹
	SDMT09T312-F57	0.047			😐		☹			☹				☹					☹
	SDMT09T316-F57	0.063			😐		☹			☹				☹					☹
	SDMT09T320-F57	0.078			😐	😐	☹	😐	☹	☹				☹	☹		😐	☹	☹
	SDMT120408-F57	0.031		☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹		😐	☹	☹
	SDMT120412-F57	0.047			😐		☹			☹				☹					☹
	SDMT120416-F57	0.063			😐		☹			☹				☹					☹
	SDMT120420-F57	0.078			😐		☹			☹				☹					☹
	SDMT120425-F57	0.098			😐	😐	☹	😐	☹	☹				☹	☹		😐	☹	☹

SD..06T2.. : If the corner radius r is greater than 0.016 in, the corner area of the body must be reworked.
SD..09T3.. : If the corner radius r is greater than 0.032 in, the corner area of the body must be reworked.
SD..1204.. : If the corner radius r is greater than 0.032 in, the corner area of the body must be reworked.
$R_{(body)} = r_{(indexable\ insert)}$

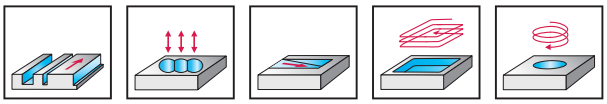
HC = Coated carbide
HW = Uncoated carbide

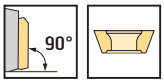


Routing cutters

M4792 **inch**

– 2 or 4 cutting edges per indexable insert

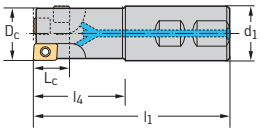




	P	M	K	N	S	H	O
M4792	●●	●●	●●		●●		

Tool

Weldon shank



Designation	D_c in	d_1 in	l_1 in	l_4 in	L_c in	Z	lbs	No. of inserts	Type
M4792.019-W26-01-13	0.750	1.000	3.621	1.339	0.535	1	0.6	2 1	SDM . 06T204 LDM . 08T204R
M4792.024-W26-01-13	0.970	1.000	3.974	1.693	0.524	1	0.7	1 1	SDM . 09T308 LDM . 14T308R
M4792.026-W26-01-13	1.000	1.000	3.974	1.693	0.524	1	0.7	1 1	
M4792.031-W31-01-20	1.250	1.250	4.407	2.126	0.819	1	1.2	2 1	
M4792.038-W31-01-26	1.500	1.250	4.997	2.520	1.059	1	1.7	2 1	SDMT120408 LDM . 170408R

Bodies and assembly parts are included in the scope of delivery

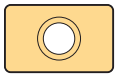
Assembly parts

	Type	SDM . 06T204 LDM . 08T204R	SDM . 09T308 LDM . 14T308R	SDMT120408 LDM . 170408R
	Clamping screw for indexable insert Torque	FS2084 (Torx 7IP) 8 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS1453 (Torx 15IP) 31 in lbs

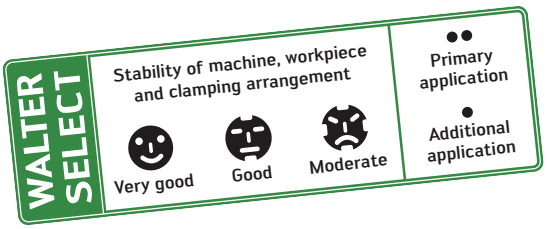
Accessories

	Type	SDM . 06T204 LDM . 08T204R	SDM . 09T308 LDM . 14T308R	SDMT120408 LDM . 170408R
	Torque screwdriver, analogue Torque	FS2002 3.5–10.6 in lbs	FS2004 13.3–44 in lbs	FS2004 13.3–44 in lbs
	Torque screwdriver, digital Torque		FS2248 8.85–53.1 in lbs	FS2248 8.85–53.1 in lbs
	Interchangeable blade	FS2011 (Torx 7IP)	FS2268 (Torx 10IP)	FS2014 (Torx 15IP)
	Screwdriver	FS2088 (Torx 7IP)	FS2267 (Torx 10IP)	FS1485 (Torx 15IP)

Indexable inserts

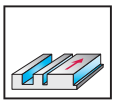
	Designation	r in	b in	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45S
	LDMT08T204R-D51	0.016	0.030	●●	●●	●●	●			●			●●	●	●			●
	LDMT08T204R-D57	0.016	0.030	●●	●●	●●	●	●●		●		●●	●●	●	●	●●		●
	LDMT08T204R-F57	0.016	0.030	●●	●●	●●	●	●●		●	●●		●●	●	●	●●		●
	LDMW08T204R-A57	0.016	0.030	●●	●	●							●●	●	●			
	LDMT14T308R-D51	0.031	0.047	●●	●●	●●	●			●			●●	●	●			●
	LDMT14T308R-D57	0.031	0.047	●●	●●	●●	●	●●		●		●●	●●	●	●	●●		●
	LDMT14T308R-F57	0.031	0.047	●●	●●	●●	●	●●		●	●●		●●	●	●	●●		●
	LDMW14T308R-A57	0.031	0.047	●●	●	●							●●	●	●			
	LDMT170408R-D51	0.031	0.063	●●	●●	●●	●			●			●●	●	●			●
	LDMT170408R-D57	0.031	0.063	●●	●●	●●	●	●●		●		●●	●●	●	●	●●		●
	LDMT170408R-F57	0.031	0.063	●●	●●	●●	●	●●		●	●●		●●	●	●	●●		●
	LDMW170408R-A57	0.031	0.063	●●	●	●							●●	●	●			
	SDMT06T204-D51	0.016		●●	●●	●●	●			●			●●	●	●			●
	SDMT06T204-D57	0.016		●●	●●	●●	●	●●		●		●●	●●	●	●	●●		●
	SDMT06T204-F57	0.016		●●	●●	●●	●	●●	●	●	●●		●●	●	●	●●	●	●
	SDMW06T204-A57	0.016		●●	●	●							●●	●	●			
	SDMT09T308-D51	0.031		●●	●●	●●	●			●			●●	●	●			●
	SDMT09T308-D57	0.031		●●	●●	●●	●	●●		●		●●	●●	●	●	●●		●
	SDMT09T308-F57	0.031		●●	●●	●●	●	●●	●	●	●●		●●	●	●	●●	●	●
	SDMW09T308-A57	0.031		●●	●	●							●●	●	●			
	SDMT120408-D51	0.031		●●	●●	●●	●			●			●●	●	●			●
	SDMT120408-D57	0.031		●●	●●	●●	●	●●		●		●●	●●	●	●	●●		●
	SDMT120408-F57	0.031		●●	●●	●●	●	●●	●	●	●●		●●	●	●	●●	●	●

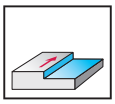
HC = coated carbide



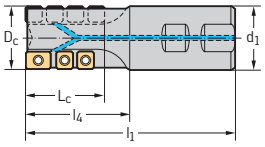
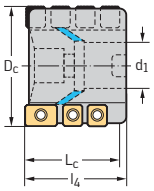
Porcupine milling cutters
M4256 / M4257 / M4258 inch

– Half effective design
– 2 or 4 cutting edges per indexable insert

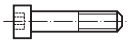




	P	M	K	N	S	H	O
M4256	●●	●●	●●		●●		
M4257	●●	●●	●●		●●		
M4258	●●	●●	●●		●●		

Tool	Designation	D_c in	d_1 in	l_4 in	l_1 in	L_c in	Z	lbs	No. of inserts	Type
Weldon shank 	M4256.026-W26-02-27	1.000	1.000	1.575	3.856	1.063	2	0.7	2 8	LDM . 08T204R SDM . 06T204
	M4256.031-W31-02-37	1.250	1.250	1.969	4.250	1.457	2	1.1	2 12	
	M4257.038-W38-02-54	1.500	1.500	2.750	5.438	2.126	2	2.0	2 12	LDM . 14T308R SDM . 09T308
Shell mill mount DIN 138 transverse keyway 	M4257.051-B19-02-47	2.000	0.750	2.248		1.850	2	1.1	2 10	LDM . 14T308R SDM . 09T308
	M4257.064-B26-03-54	2.500	1.000	2.748		2.126	3	2.1	3 18	
	M4258.076-B31-03-67	3.000	1.250	3.150		2.638	3	2.9	3 15	LDM . 170408R SDM . 120408
	M4258.102-B38-04-77	4.000	1.500	3.150		3.031	4	5.9	4 24	

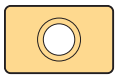
Assembly parts

	Type D_c [in]	LDM . 08T204R SDM . 06T204 1.000–1.250	LDM . 14T308R SDM . 09T308 1.500	LDM . 14T308R SDM . 09T308 2.000	LDM . 14T308R SDM . 09T308 2.500	LDM . 170408R SDM . 120408 3.000	LDM . 170408R SDM . 120408 4.000
	Clamping screw for indexable insert Torque	FS2084 (Torx 7IP) 8 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS1453 (Torx 15IP) 31 in lbs	FS1453 (Torx 15IP) 31 in lbs
	Clamping screw for arbor-mounted tools			FS1528	FS1524	FS1520	FS1583

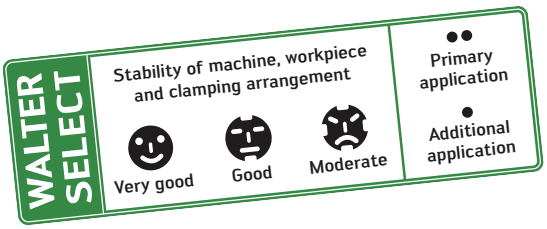
Accessories

	Type	LDM . 08T204R SDM . 06T204	LDM . 14T308R SDM . 09T308	LDM . 170408R SDM . 120408
	Torque screwdriver, analogue Torque	FS2002 3.5–10.6 in lbs	FS2004 13.3–44 in lbs	FS2004 13.3–44 in lbs
	Torque screwdriver, digital Torque		FS2248 8.85–53.1 in lbs	FS2248 8.85–53.1 in lbs
	Interchangeable blade	FS2011 (Torx 7IP)	FS2268 (Torx 10IP)	FS2014 (Torx 15IP)
	Screwdriver	FS2088 (Torx 7IP)	FS2267 (Torx 10IP)	FS1485 (Torx 15IP)

Indexable inserts

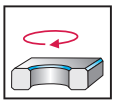
	Designation	r in	b in	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	S HC WSM35S	S HC WSM45X	S HC WSP45S
	LDMT08T204R-D51	0.016	0.030	☺	😐	😐	☹			☹			😐	☹	☹			☹
	LDMT08T204R-D57	0.016	0.030	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹	😐		☹
	LDMT08T204R-F57	0.016	0.030	☺	😐	😐	☹	😐		☹	☺		😐	☹	☹	😐		☹
	LDMW08T204R-A57	0.016	0.030	😐	☹	☹							😐	☹	☹			
	LDMT14T308R-D51	0.031	0.047	☺	😐	😐	☹			☹			😐	☹	☹			☹
	LDMT14T308R-D57	0.031	0.047	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹	😐		☹
	LDMT14T308R-F57	0.031	0.047	☺	😐	😐	☹	😐		☹	☺		😐	☹	☹	😐		☹
	LDMW14T308R-A57	0.031	0.047	😐	☹	☹							😐	☹	☹			
	LDMT170408R-D51	0.031	0.063	☺	😐	😐	☹			☹			😐	☹	☹			☹
	LDMT170408R-D57	0.031	0.063	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹	😐		☹
	LDMT170408R-F57	0.031	0.063	☺	😐	😐	☹	😐		☹	☺		😐	☹	☹	😐		☹
	LDMW170408R-A57	0.031	0.063	😐	☹	☹							😐	☹	☹			
	SDMT06T204-D51	0.016		☺	😐	😐	☹			☹			😐	☹	☹			☹
	SDMT06T204-D57	0.016		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹	😐		☹
	SDMT06T204-F57	0.016		☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹	😐	☹	☹
	SDMW06T204-A57	0.016		😐	☹	☹							😐	☹	☹			
	SDMT09T308-D51	0.031		☺	😐	😐	☹			☹			😐	☹	☹			☹
	SDMT09T308-D57	0.031		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹	😐		☹
	SDMT09T308-F57	0.031		☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹	😐	☹	☹
	SDMW09T308-A57	0.031		😐	☹	☹							😐	☹	☹			
	SDMT120408-D51	0.031		☺	😐	😐	☹			☹			😐	☹	☹			☹
	SDMT120408-D57	0.031		☺	😐	😐	☹	😐		☹		😐	😐	☹	☹	😐		☹
	SDMT120408-F57	0.031		☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹	😐	☹	☹
	SDMW120408-A57	0.031		😐	☹	☹							😐	☹	☹			

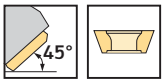
HC = coated carbide



Chamfer milling cutters
M4574 inch

– 4 cutting edges per indexable insert

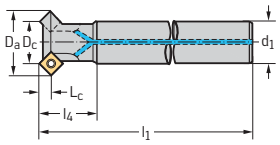




	P	M	K	N	S	H	O
M4574	●●	●●	●●	●●	●●		

Tool

Cylindrical shank



Designation	D_c in	D_a in	d_1 in	l_4 in	l_1 in	L_c in	Z	lbs	No. of inserts	Type
M4574.013-A15-01-05	0.500	0.976	0.625	1.575	6.299	0.217	1	0.53	1	SDM . 09T308
M4574.019-A19-02-05	0.750	1.224	0.750	1.575	7.874	0.217	2	1.02	2	
M4574.026-A26-03-05	1.000	1.476	1.000	1.575	7.874	0.217	3	1.64	3	
M4574.031-A31-03-05	1.250	1.724	1.250	1.575	9.843	0.217	3	3.25	3	
M4574.038-A38-03-07	1.500	2.154	1.500	1.575	9.843	0.295	3	4.64	3	SDM . 120408

Tools with cylindrical shank can be shortened depending on the application.
Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert	FS2266 (Torx 10IP) 18 in lbs	FS1453 (Torx 15IP) 31 in lbs

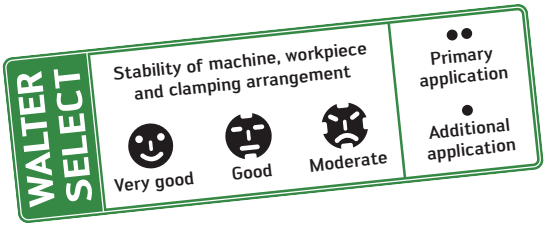
Accessories

	Type	SDM . 09T308	SDM . 120408
	Torque screwdriver, analogue Torque	FS2004 13.3–44 in lbs	FS2004 13.3–44 in lbs
	Torque screwdriver, digital Torque	FS2248 8.85–53.1 in lbs	FS2248 8.85–53.1 in lbs
	Interchangeable blade	FS2268 (Torx 10IP)	FS2014 (Torx 15IP)
	Screwdriver	FS2267 (Torx 10IP)	FS1485 (Torx 15IP)

Indexable inserts

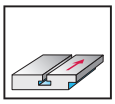
	Designation	r in	P HC WKP25S	P HC WKP35G	P HC WKP35S	P HC WSP45S	M HC WSM35S	M HC WSM45X	M HC WSP45S	K HC WAK15	K HC WKK25S	K HC WKP25S	K HC WKP35G	K HC WKP35S	N HW WK10	S HC WSM35S	S HC WSM45X	S HC WSP45S
	SDMT09T308-D51	0.031	☺	😐	😐	☹			☹			😐	☹	☹				☹
	SDMT09T308-D57	0.031	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹		😐		☹
	SDMT09T308-F57	0.031	☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹		😐	☹	☹
	SDMW09T308-A57	0.031	😐	☹	☹							😐	☹	☹				
	SDMT120408-D51	0.031	☺	😐	😐	☹			☹			😐	☹	☹				☹
	SDMT120408-D57	0.031	☺	😐	😐	☹	😐		☹		😐	😐	☹	☹		😐		☹
	SDMT120408-F57	0.031	☺	😐	😐	☹	😐	☹	☹	☺		😐	☹	☹		😐	☹	☹
	SDMW120408-A57	0.031	😐	☹	☹							😐	☹	☹				
	SDHT06T204-G88	0.016													☺			
	SDHT09T304-G88	0.016													☺			
	SDHT09T308-G88	0.031													☺			
	SDHT120408-G88	0.031													☺			

HC = coated carbide



T-slot milling cutters
M4575 inch

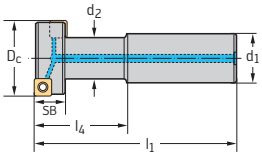
– 4 cutting edges per indexable insert



	P	M	K	N	S	H	O
M4575	●●	●●	●●		●●		

Tool

Weldon shank



Designation	D_c in	d_1 in	d_2 in	l_4 in	l_1 in	SB in	Z	lbs	No. of inserts	Type
M4575.019-W19-01-08	0.778	0.750	0.406	1.220	3.252	0.317	1	0.33	2	SDM . 06T204
M4575.024-W19-02-09	0.949	0.750	0.476	1.406	3.437	0.368	2	0.33	4	
M4575.031-W26-02-12	1.230	1.000	0.780	1.614	3.895	0.463	2	0.73	4	SDM . 09T308
M4575.037-W26-02-15	1.447	1.000	0.780	2.126	4.407	0.600	2	0.83	4	
M4575.047-W31-02-21	1.821	1.250	1.031	2.500	4.781	0.817	2	1.55	4	SDM . 120408

Bodies and assembly parts are included in the scope of delivery

Assembly parts

	Type	SDM . 06T204	SDM . 09T308	SDM . 120408
	Clamping screw for indexable insert	FS2084 (Torx 7IP) 8 in lbs	FS2266 (Torx 10IP) 18 in lbs	FS1453 (Torx 15IP) 31 in lbs

Accessories

	Type	SDM . 06T204	SDM . 09T308	SDM . 120408
	Torque screwdriver, analogue Torque	FS2002 3.5–10.6 in lbs	FS2004 13.3–44 in lbs	FS2004 13.3–44 in lbs
	Torque screwdriver, digital Torque		FS2248 8.85–53.1 in lbs	FS2248 8.85–53.1 in lbs
	Interchangeable blade	FS2011 (Torx 7IP)	FS2268 (Torx 10IP)	FS2014 (Torx 15IP)
	Screwdriver	FS2088 (Torx 7IP)	FS2267 (Torx 10IP)	FS1485 (Torx 15IP)

Indexable inserts

	Designation	r in	P HC				M HC			K HC					S HC		
			WKP25S	WKP35G	WKP35S	WSP45S	WSM35S	WSM45X	WSP45S	WAK15	WKK25S	WKP25S	WKP35G	WKP35S	WSM35S	WSM45X	WSP45S
	SDMT06T204-D51	0.016	●	●	●	○			○			●	○	○			○
	SDMT06T204-D57	0.016	●	●	●	○	●		○		●	●	○	○	●		○
	SDMT06T204-F57	0.016	●	●	●	○	●	○	○	●		●	○	○	●	○	○
	SDMW06T204-A57	0.016	●	○	○							●	○	○			
	SDMT09T308-D51	0.031	●	●	●	○			○			●	○	○			○
	SDMT09T308-D57	0.031	●	●	●	○	●		○		●	●	○	○	●		○
	SDMT09T308-F57	0.031	●	●	●	○	●	○	○	●		●	○	○	●	○	○
	SDMW09T308-A57	0.031	●	○	○							●	○	○			
	SDMT120408-D51	0.031	●	●	●	○			○			●	○	○			○
	SDMT120408-D57	0.031	●	●	●	○	●		○		●	●	○	○	●		○
	SDMT120408-F57	0.031	●	●	●	○	●	○	○	●		●	○	○	●	○	○
	SDMW120408-A57	0.031	●	○	○							●	○	○			

HC = coated carbide