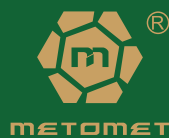


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**Solid Carbide Deep Drill**

**2023**



# Solid Drill Code System

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

1 2 3 4 5 6 7 8 9

## 1 Tool group

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

DC Carbide Drill

## 2 Tool Type

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

1. Cylindrical twist drill
2. Chamferdrill
3. Small diameter drill
4. Straight flute drill
5. NC spotting drill

## 3 Drilling depth

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

03 ~ 3 x D

05 ~ 5 x D

08 ~ 8 x D

15 ~ 12 x D

## Drilling angle

60 ~ 60°

90 ~ 90°

120 ~ 120°

\*\* mark the actual shank of the small diameter drill

## 4 Cutting diameter

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

## 5 Shank type

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

A DIN 6535 HA Parallel shank

F DIN 6535 HE Parallel shank

## 6 Shank diameter

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

## 7 Over length

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

## 8 Cooling

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

N External coolant

C Axial internal coolant

## 9 Over length

DC 1 - 03 - 03.175 A 6S - 100L - C DFA

DFA TiSiN coating

DSS Special coating for stainless steel

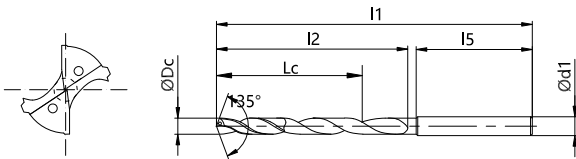
DFC TiAlCrN coating

DFA TiALN Coating

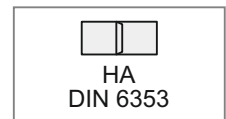
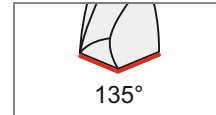
DF0 Uncoated



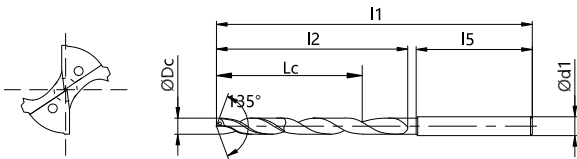
# Solid Carbide Deep Drill



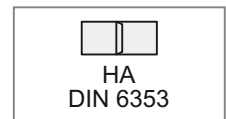
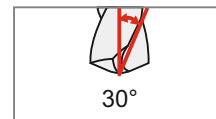
- Manufacturing standard: DIN 6537
- Chisel edge grinding: TOOTOOL standard
- Tolerance of cutting edge diameter: m7
- Chip evacuation flute special designed, easy evacuation



Designation	16 x D					
	Dc	Lc	I1	I2	d1	I5
DC1-16-03.000A6S-97L-C	3,00	52	97	57	6	36
DC1-16-03.500A6S-118L-C	3,50	72	118	78	6	36
DC1-16-04.000A6S-118L-C	4,00	72	118	78	6	36
DC1-16-04.500A6S-140L-C	4,50	92	140	100	6	36
DC1-16-04.800A6S-140L-C	4,80	92	140	100	6	36
DC1-16-05.000A6S-140L-C	5,00	92	140	100	6	36
DC1-16-05.500A6S-150L-C	5,50	101	150	110	6	36
DC1-16-05.800A6S-160L-C	5,80	111	160	120	6	36
DC1-16-06.000A6S-160L-C	6,00	111	160	120	6	36
DC1-16-06.500A8S-175L-C	6,50	125	175	135	8	36
DC1-16-06.800A8S-175L-C	6,80	125	175	135	8	36
DC1-16-07.000A8S-175L-C	7,00	125	175	135	8	36
DC1-16-07.400A8S-192L-C	7,40	140	192	152	8	36
DC1-16-07.500A8S-192L-C	7,50	140	192	152	8	36
DC1-16-08.000A8S-192L-C	8,00	140	192	152	8	36
DC1-16-08.300A10S-206L-C	8,30	148	206	162	10	40
DC1-16-08.500A10S-206L-C	8,50	148	206	162	10	40
DC1-16-09.000A10S-206L-C	9,00	148	206	162	10	40
DC1-16-09.800A10S-224L-C	9,80	165	224	180	10	40
DC1-16-10.000A10S-224L-C	10,00	165	224	180	10	40
DC1-16-10.200A12S-247L-C	10,20	181	247	198	12	45
DC1-16-11.000A12S-247L-C	11,00	181	247	198	12	45
DC1-16-11.500A12S-265L-C	11,50	198	265	216	12	45
DC1-16-11.800A12S-265L-C	11,80	198	265	216	12	45
DC1-16-12.000A12S-265L-C	12,00	198	265	216	12	45
DC1-16-13.000A14S-301L-C	13,00	238	301	252	14	45
DC1-16-14.000A14S-301L-C	14,00	238	301	252	14	45
DC1-16-15.000A16S-340L-C	15,00	272	340	288	16	48
DC1-16-16.000A16S-340L-C	16,00	272	340	288	16	48

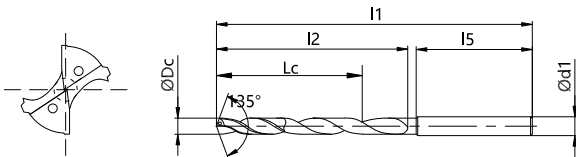


- Manufacturing standard: DIN 6537
- Chisel edge grinding: TOOTOOL standard
- Tolerance of cutting edge diameter: m7
- Chip evacuation flute special designed, easy evacuation

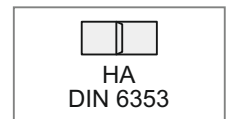
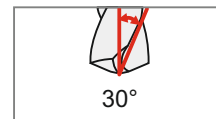
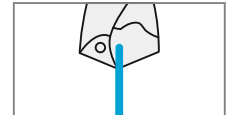


Designation	20 x D					
	Dc	Lc	I1	I2	d1	I5
DC1-20-03.000A6S-105L-C	3,00	60	105	65	6	36
DC1-20-03.500A6S-132L-C	3,50	86	132	92	6	36
DC1-20-04.000A6S-132L-C	4,00	86	132	92	6	36
DC1-20-04.500A6S-158L-C	4,50	110	158	118	6	36
DC1-20-04.800A6S-158L-C	4,80	110	158	118	6	36
DC1-20-05.000A6S-158L-C	5,00	110	158	118	6	36
DC1-20-05.500A6S-170L-C	5,50	123	170	132	6	36
DC1-20-05.800A6S-182L-C	5,80	135	182	144	6	36
DC1-20-06.000A6S-182L-C	6,00	135	182	144	6	36
DC1-20-06.100A8S-200L-C	6,10	151	200	162	8	36
DC1-20-06.500A8S-200L-C	6,50	151	200	162	8	36
DC1-20-06.800A8S-200L-C	6,80	151	200	162	8	36
DC1-20-07.000A8S-200L-C	7,00	151	200	162	8	36
DC1-20-07.400A8S-222L-C	7,40	172	222	184	8	36
DC1-20-07.500A8S-222L-C	7,50	172	222	184	8	36
DC1-20-08.000A8S-222L-C	8,00	172	222	184	8	36
DC1-20-08.300A10S-240L-C	8,30	184	240	198	10	40
DC1-20-08.500A10S-240L-C	8,50	184	240	198	10	40
DC1-20-09.000A10S-240L-C	9,00	184	240	198	10	40
DC1-20-09.800A10S-262L-C	9,80	205	262	220	10	40
DC1-20-10.000A10S-262L-C	10,00	205	262	220	10	40
DC1-20-10.200A12S-289L-C	10,20	225	289	242	12	45
DC1-20-11.000A12S-289L-C	11,00	225	289	242	12	45
DC1-20-11.500A12S-311L-C	11,50	246	311	264	12	45
DC1-20-11.800A12S-311L-C	11,80	246	311	264	12	45
DC1-20-12.000A12S-311L-C	12,00	246	311	264	12	45
DC1-20-13.000A14S-357L-C	13,00	294	357	308	14	45
DC1-20-14.000A14S-357L-C	14,00	284	357	308	14	48
DC1-20-15.000A16S-404L-C	15,00	336	404	352	16	48
DC1-20-16.000A16S-404L-C	16,00	336	404	352	16	48

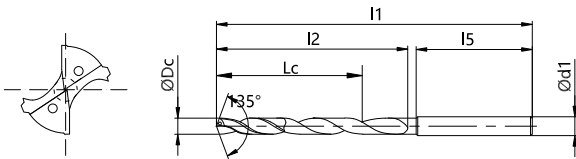
# Solid Carbide Deep Drill



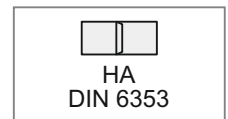
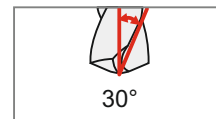
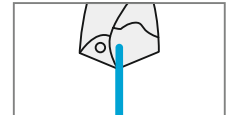
- Manufacturing standard: DIN 6537
- Chisel edge grinding: TOOTOOL standard
- Tolerance of cutting edge diameter: m7
- Chip evacuation flute special designed, easy evacuation



Designation	25 x D					
	Dc	Lc	I1	I2	d1	I5
DC1-25-03.000A6S-127L-C	3,00	79	127	84	6	36
DC1-25-03.500A6S-156L-C	3,50	108	156	114	6	36
DC1-25-04.000A6S-156L-C	4,00	108	156	114	6	36
DC1-25-04.500A6S-185L-C	4,50	137	185	145	6	36
DC1-25-04.800A6S-185L-C	4,80	137	185	145	6	36
DC1-25-05.000A6S-185L-C	5,00	137	185	145	6	36
DC1-25-05.500A6S-200L-C	5,50	151	200	160	6	36
DC1-25-05.800A6S-214L-C	5,80	165	214	174	6	36
DC1-25-06.000A6S-214L-C	6,00	165	214	174	6	36
DC1-25-06.100A8S-234L-C	6,10	183	234	194	8	36
DC1-25-06.500A8S-234L-C	6,50	183	234	194	8	36
DC1-25-06.800A8S-234L-C	6,80	183	234	194	8	36
DC1-25-07.000A8S-234L-C	7,00	183	234	194	8	36
DC1-25-07.400A8S-260L-C	7,40	208	260	220	8	36
DC1-25-07.500A8S-260L-C	7,50	208	260	220	8	36
DC1-25-08.000A8S-260L-C	8,00	208	260	220	8	36
DC1-25-08.300A10S-289L-C	8,30	229	289	243	10	40
DC1-25-08.500A10S-289L-C	8,50	229	289	243	10	40
DC1-25-09.000A10S-289L-C	9,00	229	289	243	10	40
DC1-25-09.800A10S-314L-C	9,80	255	314	270	10	40
DC1-25-10.000A10S-314L-C	10,00	255	314	270	10	40
DC1-25-10.200A12S-346L-C	10,20	280	346	297	12	45
DC1-25-11.000A12S-346L-C	11,00	280	346	297	12	45
DC1-25-11.500A12S-373L-C	11,50	306	373	324	12	45
DC1-25-11.800A12S-373L-C	11,80	306	373	324	12	45
DC1-25-12.000A12S-373L-C	12,00	306	373	324	12	45



- Manufacturing standard: DIN 6537
- Chisel edge grinding: TOOTOOL standard
- Tolerance of cutting edge diameter: m7
- Chip evacuation flute special designed, easy evacuation



Designation	30 x D					
	Dc	Lc	I1	I2	d1	I5
DC1-30-03.000A6S-140L-C	3,00	92	140	97	6	36
DC1-30-03.500A6S-174L-C	3,50	127	174	120	6	36
DC1-30-04.000A6S-174L-C	4,00	127	174	133	6	36
DC1-30-04.500A6S-208L-C	4,50	161	208	169	6	36
DC1-30-04.800A6S-208L-C	4,80	161	208	169	6	36
DC1-30-05.000A6S-208L-C	5,00	161	208	169	6	36
DC1-30-05.500A6S-225L-C	5,50	178	225	197	6	36
DC1-30-05.800A6S-242L-C	5,80	195	242	204	6	36
DC1-30-06.000A6S-242L-C	6,00	195	242	204	6	36
DC1-30-06.500A8S-268L-C	6,50	217	268	228	8	36
DC1-30-06.800A8S-268L-C	6,80	217	268	228	8	36
DC1-30-07.000A8S-268L-C	7,00	217	268	228	8	36
DC1-30-07.400A8S-294L-C	7,40	244	294	256	8	36
DC1-30-07.500A8S-294L-C	7,50	244	294	256	8	36
DC1-30-08.000A8S-294L-C	8,00	244	294	256	8	36
DC1-30-08.300A10S-330L-C	8,30	273	330	287	10	40
DC1-30-08.500A10S-330L-C	8,50	273	330	287	10	40
DC1-30-09.000A10S-330L-C	9,00	273	330	287	10	40
DC1-30-09.800A10S-364L-C	9,80	305	364	320	10	40
DC1-30-10.000A10S-364L-C	10,00	305	364	320	10	40
DC1-30-10.200A12S-401L-C	10,20	335	401	352	12	45
DC1-30-11.000A12S-401L-C	11,00	335	401	352	12	45
DC1-30-11.500A12S-430L-C	11,50	364	430	382	12	45
DC1-30-11.800A12S-430L-C	11,80	364	430	382	12	45
DC1-30-12.000A12S-430L-C	12,00	364	430	382	12	45



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