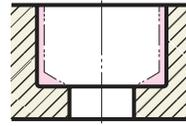


# NIKKEN CARBIDE RADICAL MILL REAMER DLC COATING

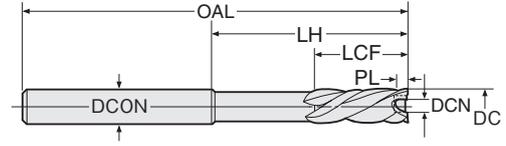
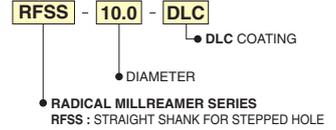


## RFSS-DLC

For STEPPED HOLE  
Carbide Radical Mill Reamer (DLC Coating)



Explanation of the Code No.



MILLING BLADE

LH-HELIX 30-35°

DLC COAT

P.134

\*See P.4 for icons.

STOCK: ●=STANDARD STOCK ITEM(IN JAPAN) △=PRODUCTION BY ORDER

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RFSS- 3.97-DLC	△	3.97						
- 3.98-DLC	△	3.98	60	4	0.6	2.0	18	35
- 3.99-DLC	△	3.99						
- 4.0 -DLC	△	4.0						
- 4.01-DLC	△	4.01	60	4	0.6	2.0	18	35
- 4.02-DLC	△	4.02						
- 4.03-DLC	△	4.03						
- 4.04-DLC	△	4.04						
- 4.05-DLC	△	4.05						
- 4.5 -DLC	△	4.5						
- 4.97-DLC	△	4.97	70	5	0.6	2.5	22	40
- 4.98-DLC	△	4.98						
- 4.99-DLC	△	4.99						
- 5.0 -DLC	△	5.0						
- 5.01-DLC	△	5.01						
- 5.02-DLC	△	5.02						
- 5.03-DLC	△	5.03	70	5	0.6	2.5	22	40
- 5.04-DLC	△	5.04						
- 5.05-DLC	△	5.05						
- 5.5 -DLC	△	5.5						
- 5.97-DLC	△	5.97						
- 5.98-DLC	△	5.98						
- 5.99-DLC	△	5.99	85	6	0.6	3.0	25	50
- 6.0 -DLC	△	6.0						
- 6.01-DLC	△	6.01						
- 6.02-DLC	△	6.02						
- 6.03-DLC	△	6.03						
- 6.04-DLC	△	6.04						
- 6.05-DLC	△	6.05	85	6	0.6	3.0	25	50
- 6.5 -DLC	△	6.5						
- 6.97-DLC	△	6.97						
- 6.98-DLC	△	6.98						
- 6.99-DLC	△	6.99						
- 7.0 -DLC	△	7.0						
- 7.01-DLC	△	7.01	90	8	0.6	3.5	25	50
- 7.02-DLC	△	7.02						
- 7.03-DLC	△	7.03						
- 7.04-DLC	△	7.04						
- 7.05-DLC	△	7.05						
- 7.5 -DLC	△	7.5						
- 7.97-DLC	△	7.97	100	8	0.6	4.0	25	60
- 7.98-DLC	△	7.98						
- 7.99-DLC	△	7.99						
- 8.0 -DLC	△	8.0						
- 8.01-DLC	△	8.01						
- 8.02-DLC	△	8.02						
- 8.03-DLC	△	8.03	100	8	0.6	4.0	25	60
- 8.04-DLC	△	8.04						
- 8.05-DLC	△	8.05						
- 8.5 -DLC	△	8.5						
- 8.97-DLC	△	8.97						
- 8.98-DLC	△	8.98						
- 8.99-DLC	△	8.99	105	10	0.6	4.5	25	60
- 9.0 -DLC	△	9.0						
- 9.01-DLC	△	9.01						
- 9.02-DLC	△	9.02						
- 9.03-DLC	△	9.03						
- 9.04-DLC	△	9.04						

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RFSS- 9.05-DLC	△	9.05	105	10	0.6	4.5	25	60
- 9.5 -DLC	△	9.5						
- 9.97-DLC	△	9.97						
- 9.98-DLC	△	9.98	110	10	0.6	5.0	29	60
- 9.99-DLC	△	9.99						
-10.0 -DLC	△	10						
-10.01-DLC	△	10.01	110	10	0.6	5.0	29	60
-10.02-DLC	△	10.02						
-10.03-DLC	△	10.03						
-10.04-DLC	△	10.04						
-10.05-DLC	△	10.05						
-10.5 -DLC	△	10.5						
-10.97-DLC	△	10.97	115	12	0.6	5.0	29	65
-10.98-DLC	△	10.98						
-10.99-DLC	△	10.99						
-11.0 -DLC	△	11.0						
-11.01-DLC	△	11.01						
-11.02-DLC	△	11.02						
-11.03-DLC	△	11.03	115	12	0.6	5.0	29	65
-11.04-DLC	△	11.04						
-11.05-DLC	△	11.05						
-11.5 -DLC	△	11.5						
-11.97-DLC	△	11.97						
-11.98-DLC	△	11.98						
-11.99-DLC	△	11.99	125	12	0.6	6.0	29	70
-12.0 -DLC	△	12.0						
-12.01-DLC	△	12.01						
-12.02-DLC	△	12.02						
-12.03-DLC	△	12.03						
-12.04-DLC	△	12.04						
-12.05-DLC	△	12.05	130	12	0.6	6.0	29	75
-12.5 -DLC	△	12.5						
-12.97-DLC	△	12.97						
-12.98-DLC	△	12.98						
-12.99-DLC	△	12.99						
-13.0 -DLC	△	13.0						
-13.01-DLC	△	13.01	130	12	0.6	6.0	29	75
-13.02-DLC	△	13.02						
-13.03-DLC	△	13.03						
-13.04-DLC	△	13.04						
-13.05-DLC	△	13.05						
-13.5 -DLC	△	13.5						
-13.97-DLC	△	13.97	130	16	0.6	7.0	29	75
-13.98-DLC	△	13.98						
-13.99-DLC	△	13.99						
-14.0 -DLC	△	14.0						
-14.01-DLC	△	14.01						
-14.02-DLC	△	14.02						
-14.03-DLC	△	14.03	130	16	0.6	7.0	29	75
-14.04-DLC	△	14.04						
-14.05-DLC	△	14.05						
-14.5 -DLC	△	14.5						
-15.0 -DLC	△	15.0						
-15.5 -DLC	△	15.5						
-16.0 -DLC	△	16.0	150	16	0.6	7.0	30	90
-16.5 -DLC	△	16.5						
-17.0 -DLC	△	17.0						
-17.5 -DLC	△	17.5						
-17.5 -DLC	△	17.5						
-17.5 -DLC	△	17.5						

★PL means chamfering length to DC.

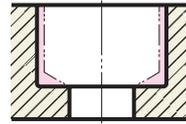
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# NIKKEN CARBIDE RADICAL MILL REAMER DLC COATING



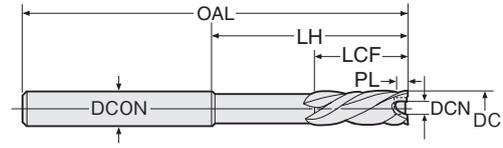
## RFSS-DLC

For STEPPED HOLE  
Carbide Radical Mill Reamer (DLC Coating)



Explanation of the Code No.

RFSS - 10.0 - DLC  
 • DLC COATING  
 • DIAMETER  
 • RADICAL MILLREAMER SERIES  
 RFSS : STRAIGHT SHANK FOR STEPPED HOLE



MILLING BLADE LH-HELIX 30-35° DLC COAT P.134 \*See P.4 for icons.

STOCK: ●=STANDARD STOCK ITEM(IN JAPAN) △=PRODUCTION BY ORDER

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RFSS- 18.0-DLC	△	18.0	155	20	0.6	9.0	30	90
- 18.5-DLC	△	18.5	155	20	0.6	9.0	30	90
- 19.0-DLC	△	19.0	160	20	0.6	9.0	30	95
- 19.5-DLC	△	19.5	160	20	0.6	9.0	30	95
- 20.0-DLC	△	20.0	170	20	0.6	9.0	33.5	105
- 20.5-DLC	△	20.5	170	20	0.6	10	33.5	105
- 21.0-DLC	△	21.0	180	25	0.6	11	33.5	110
- 21.5-DLC	△	21.5	180	25	0.6	11	33.5	110
- 22.0-DLC	△	22.0	180	25	0.6	11	33.5	110
- 22.5-DLC	△	22.5	180	25	0.6	11	33.5	110
- 23.0-DLC	△	23.0	180	25	0.6	11	33.5	110
- 23.5-DLC	△	23.5	180	25	0.6	11	33.5	110
- 24.0-DLC	△	24.0	-	-	-	-	-	-

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RFSS- 24.5-DLC	△	24.5	190	25	0.6	12	33.5	120
- 25.0-DLC	△	25.0	190	25	0.6	13	33.5	120
- 25.5-DLC	△	25.5	190	25	0.6	13	33.5	120
- 26.0-DLC	△	26.0	190	25	0.6	13	33.5	120
- 26.5-DLC	△	26.5	190	25	0.6	13	33.5	120
- 27.0-DLC	△	27.0	200	32	0.6	14	39	120
- 27.5-DLC	△	27.5	200	32	0.9	15	39	120
- 28.0-DLC	△	28.0	200	32	0.9	15	39	120
- 28.5-DLC	△	28.5	200	32	0.9	15	39	120
- 29.0-DLC	△	29.0	200	32	0.9	15	39	120
- 29.5-DLC	△	29.5	200	32	0.9	15	39	120
- 30.0-DLC	△	30.0	-	-	-	-	-	-

★PL means chamfering length to DC.  
 ★DCN is the front end bore diameter without bottom teeth, thus please make sure predrilled hole should be larger than DCN.  
 ★Please slightly decrease feed rate before reaching the bottom of the hole without using G86.

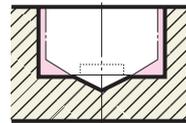
DLC coating reamer is for aluminium and non-ferrous metals reaming. Please select most suitable reamer for the other materials. P.5, P.6

# NIKKEN CARBIDE RADICAL MILL REAMER DLC COATING



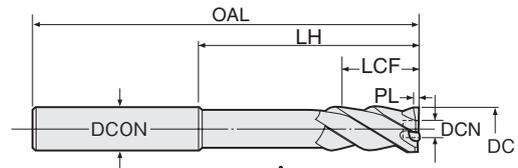
## RRSS-F-DLC

RIGHT HAND HELICAL For BLIND HOLE  
Carbide Radical Mill Reamer (DLC Coating)



Explanation of the Code No.

RRSS - 10.0 - F - DLC  
 • DLC COATING  
 • FOR BLIND HOLE  
 • DIAMETER  
 • RADICAL MILLREAMER SERIES  
 RRSS : STRAIGHT SHANK RIGHT HAND HELICAL FOR BLIND HOLE



MILLING BLADE RH-HELIX 40° DLC COAT P.134 \*See P.4 for icons.

STOCK: ●=STANDARD STOCK ITEM(IN JAPAN) △=PRODUCTION BY ORDER

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RRSS- 2.97F-DLC	△	2.97	60	3	0.6	1.2	16	35
- 2.98F-DLC	△	2.98	60	3	0.6	1.2	16	35
- 2.99F-DLC	△	2.99	60	3	0.6	1.2	16	35
- 3.0 F-DLC	△	3.0	60	3	0.6	1.2	16	35
- 3.01F-DLC	△	3.01	60	3	0.6	1.2	16	35
- 3.02F-DLC	△	3.02	60	3	0.6	1.2	16	35
- 3.03F-DLC	△	3.03	60	3	0.6	1.2	16	35
- 3.04F-DLC	△	3.04	60	3	0.6	1.2	16	35
- 3.05F-DLC	△	3.05	60	3	0.6	1.2	16	35
- 3.1 F-DLC	△	3.1	60	4	0.6	2.0	18	35
- 3.2 F-DLC	△	3.2	60	4	0.6	2.0	18	35
- 3.3 F-DLC	△	3.3	60	4	0.6	2.0	18	35
- 3.4 F-DLC	△	3.4	60	4	0.6	2.0	18	35
- 3.5 F-DLC	△	3.5	60	4	0.6	2.0	18	35
- 3.6 F-DLC	△	3.6	60	4	0.6	2.0	18	35
- 3.7 F-DLC	△	3.7	60	4	0.6	2.0	18	35
- 3.8 F-DLC	△	3.8	60	4	0.6	2.0	18	35
- 3.9 F-DLC	△	3.9	60	4	0.6	2.0	18	35

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RRSS- 3.97F-DLC	△	3.97	70	5	0.6	2.0	22	40
- 3.98F-DLC	△	3.98	70	5	0.6	2.0	22	40
- 3.99F-DLC	△	3.99	70	5	0.6	2.0	22	40
- 4.0 F-DLC	△	4.0	70	5	0.6	2.0	22	40
- 4.01F-DLC	△	4.01	70	5	0.6	2.0	22	40
- 4.02F-DLC	△	4.02	70	5	0.6	2.0	22	40
- 4.03F-DLC	△	4.03	70	5	0.6	2.0	22	40
- 4.04F-DLC	△	4.04	70	5	0.6	2.0	22	40
- 4.05F-DLC	△	4.05	70	5	0.6	2.0	22	40
- 4.1 F-DLC	△	4.1	70	5	0.6	2.5	22	40
- 4.2 F-DLC	△	4.2	70	5	0.6	2.5	22	40
- 4.3 F-DLC	△	4.3	70	5	0.6	2.5	22	40
- 4.4 F-DLC	△	4.4	70	5	0.6	2.5	22	40
- 4.5 F-DLC	△	4.5	70	5	0.6	2.5	22	40
- 4.6 F-DLC	△	4.6	70	5	0.6	2.5	22	40
- 4.7 F-DLC	△	4.7	70	5	0.6	2.5	22	40
- 4.8 F-DLC	△	4.8	70	5	0.6	2.5	22	40
- 4.9 F-DLC	△	4.9	70	5	0.6	2.5	22	40

★PL means chamfering length to DC.

LCF must be longer than hole depth

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CARBIDE FOR STEPPED HOLE FOR BLIND HOLE

