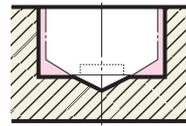


# NIKKEN TOUGH-CUT SKILL REAMER



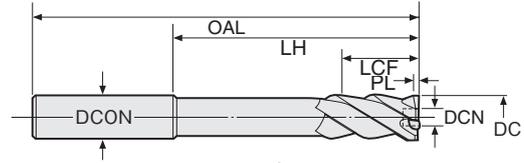
## RSS-F

RIGHT HAND HELICAL For BLIND HOLE  
Tough-Cut Skill Reamer (Straight Shank)



Explanation of the Code No.

**RSS - 10.0 - F**  
 ● FOR BLIND HOLE  
 ● DIAMETER  
 ● TOUGH-CUT SKILL REAMER SERIES  
 RSS : STRAIGHT SHANK RIGHT HAND HELICAL FOR BLIND HOLE



⚠ LCF must be longer than hole depth

MILLING BLADE

RH-HELIX 30°

PN

P.139

\*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
RSS- 64.0F	●	64.0	320	32	1.2	42	60	240
- 65.0F	●	65.0	320	42	1.2	45	65	240
- 66.0F	●	66.0	330	42	1.2	45	65	240
- 67.0F	●	67.0						
- 68.0F	●	68.0	330	42	1.2	48	65	240
- 69.0F	●	69.0						
- 70.0F	●	70.0						
- 71.0F	●	71.0						
- 72.0F	●	72.0	330	42	1.2	50	65	240
- 73.0F	●	73.0						
- 74.0F	●	74.0	330	42	1.2	52	65	240
- 75.0F	●	75.0						
- 76.0F	●	76.0	330	42	1.2	52	65	240
- 77.0F	●	77.0						
- 78.0F	●	78.0	330	42	1.2	55	65	240
- 79.0F	●	79.0						
- 80.0F	●	80.0	330	42	1.2	58	65	240
- 81.0F	●	81.0						
- 82.0F	●	82.0						

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RSS- 83.0F	●	83.0	330	42	1.2	58	65	240
- 84.0F	●	84.0	330	42	1.2	60	65	240
- 85.0F	●	85.0						
- 86.0F	●	86.0	330	42	1.2	60	65	240
- 87.0F	●	87.0						
- 88.0F	●	88.0						
- 89.0F	●	89.0						
- 90.0F	●	90.0	330	42	1.2	62	65	240
- 91.0F	●	91.0						
- 92.0F	●	92.0	330	42	1.2	62	65	240
- 93.0F	●	93.0						
- 94.0F	●	94.0	330	42	1.2	65	65	240
- 95.0F	●	95.0						
- 96.0F	●	96.0	330	42	1.2	68	65	240
- 97.0F	●	97.0						
- 98.0F	●	98.0	330	42	1.2	70	65	240
- 99.0F	●	99.0						
-100.0F	●	100.0	330	42	1.2	70	65	240

\*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.

\*Depending on the material, the chips may be tangled. When the hole depth is more than twice of the hole diameter, we recommend Right-Handed Helix Radical Reamer with OH. Please see below.

\*This is not suitable to use on drilling machine due to tensile force of right-handed. Please use on machining center, NC lathe and milling machine.

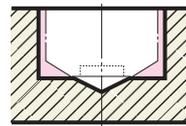
\*Please slightly decrease feed rate before reaching the bottom of the hole without using G86.

# NIKKEN TOUGH-CUT SKILL REAMER WITH OH



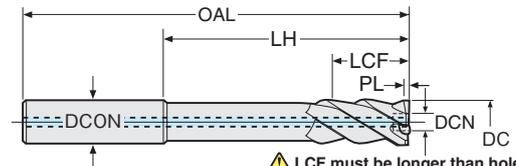
## RSS-F-OH

RIGHT HAND HELICAL For BLIND HOLE  
Tough-Cut Skill Reamer (Oil Hoal)



Explanation of the Code No.

**RSS - 10.0 - F - OH**  
 ● FOR BLIND HOLE  
 ● FOR BLIND HOLE  
 ● DIAMETER  
 ● TOUGH-CUT SKILL REAMER SERIES  
 RSS : STRAIGHT SHANK RIGHT HAND HELICAL FOR BLIND HOLE



⚠ LCF must be longer than hole depth

MILLING BLADE

RH-HELIX 30°

PN

P.139

\*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
RSS- 5.0F-OH	△	5.0	90	5	0.6	2.0	24	60
- 6.0F-OH	△	6.0	100	6	0.6	3.0	25	65
- 6.5F-OH	△	6.5	110	8	0.6	3.0	25	70
- 7.0F-OH	△	7.0	110	8	0.6	3.0	25	70
- 7.5F-OH	△	7.5	110	8	0.6	3.0	25	70
- 8.0F-OH	△	8.0	125	8	0.6	3.5	25	85
- 8.5F-OH	△	8.5	135	10	0.6	4.0	30	90
- 9.0F-OH	△	9.0						
- 9.5F-OH	△	9.5	150	10	0.6	4.5	30	100
-10.0F-OH	△	10.0						
-10.5F-OH	△	10.5	155	12	0.6	4.5	30	105
-11.0F-OH	△	11.0						

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RSS-11.5F-OH	△	11.5	160	12	0.6	5.5	30	105
-12.0F-OH	△	12.0	165	12	0.6	5.5	30	110
-12.5F-OH	△	12.5						
-13.0F-OH	△	13.0	170	16	0.6	6.5	35	115
-13.5F-OH	△	13.5						
-14.0F-OH	△	14.0	180	16	0.6	6.5	35	120
-15.0F-OH	△	15.0						
-16.0F-OH	△	16.0	185	16	0.6	6.5	35	125
-17.0F-OH	△	17.0						
-18.0F-OH	△	18.0	195	20	0.6	8.0	40	130
-19.0F-OH	△	19.0						
-20.0F-OH	△	20.0	205	20	0.6	9.0	40	140

\*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.

\*This is not suitable to use on drilling machine due to tensile force of right-handed. Please use on machining center, NC lathe and milling machine.

\*Please slightly decrease feed rate before reaching the bottom of the hole without using G86.



-This is for blind hole. Please do not use for through hole or stepped hole. Radical mill reamer with OH for blind hole is also available. P.27

-High pressure coolant is not effective. The guide line of the coolant pressure is around 0.5-2.0Mpa.

