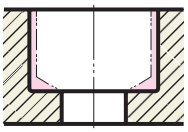
NIKKEN TOUGH-CUT SKILL REAMER

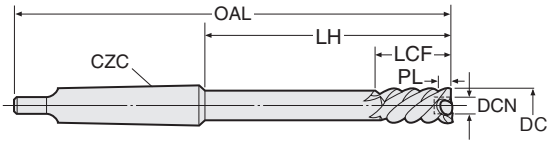
NIKKEN

SRM-F

For STEPPED HOLE
Tough-Cut Skill Reamer (Morse Taper Shank)



Explanation of the Code No.
SRM - 10.0 - F
- F: FOR STEPPED HOLE
- 10.0: DIAMETER
- SRM: TOUGH-CUT SKILL REAMER SERIES
  SRM : MORSE TAPER SHANK



MILLING BLADE | LH-HELIX 45º | PN | P.139 *See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	CZC	PL	DCN	LCF	LH
SRM- 4.0F	△	4.0	115	MT1	0.6	1.5	22	49.5
- 4.5F	△	4.5	120	MT1	0.6	2.0	24	54.5
- 5.0F	△	5.0						
- 5.5F	△	5.5	130	MT1	0.6	3.0	25	64.5
- 6.0F	△	6.0						
- 6.5F	△	6.5	140	MT1	0.6	3.0	25	74.5
- 7.0F	●	7.0						
- 7.5F	△	7.5	150	MT1	0.6	3.0	25	84.5
- 8.0F	●	8.0	150	MT1	0.6	3.5	25	84.5
- 8.5F	△	8.5	160	MT1	0.6	4.0	30	94.5
- 9.0F	●	9.0	160	MT1	0.6	4.0	30	99.5
- 9.5F	△	9.5	165	MT1	0.6	4.5	30	99.5
- 10.0F	●	10.0						
- 10.5F	△	10.5	170	MT1	0.6	4.5	30	104.5
- 11.0F	●	11.0						
- 11.5F	△	11.5	175	MT1	0.6	5.5	30	109.5
- 12.0F	●	12.0						
- 12.5F	△	12.5	180	MT1	0.6	5.5	30	114.5
- 13.0F	●	13.0						
- 13.5F	△	13.5	180	MT1	0.6	6.5	35	114.5
- 14.0F	●	14.0						
- 14.5F	△	14.5	200	MT2	0.6	6.5	35	120
- 15.0F	●	15.0						
- 15.5F	△	15.5	205	MT2	0.6	6.5	35	125
- 16.0F	●	16.0	205	MT2	0.6	7.0	35	125
- 16.5F	△	16.5						
- 17.0F	●	17.0						
- 17.5F	△	17.5	210	MT2	0.6	8.0	40	130
- 18.0F	●	18.0						
- 18.5F	△	18.5						
- 19.0F	●	19.0						
- 19.5F	△	19.5	220	MT2	0.6	9.0	40	140
- 20.0F	●	20.0						
- 20.5F	△	20.5	230	MT2	0.6	9.0	40	150
- 21.0F	●	21.0						
- 21.5F	△	21.5	230	MT2	0.6	10.0	40	150
- 22.0F	●	22.0						
- 22.5F	△	22.5	240	MT2	0.6	11.0	40	160
- 23.0F	●	23.0						
- 23.5F	△	23.5	250	MT3	0.6	11.0	40	151
- 24.0F	●	24.0						
- 24.5F	△	24.5	255	MT3	0.6	12.0	40	156
- 25.0F	●	25.0						
- 25.5F	△	25.5	255	MT3	0.6	13.0	40	156
- 26.0F	●	26.0						
- 26.5F	△	26.5						
- 27.0F	●	27.0						
- 27.5F	△	27.5	260	MT3	0.6	14.0	45	161
- 28.0F	●	28.0						
- 28.5F	△	28.5	260	MT3	1.0	15.0	45	161
- 29.0F	●	29.0						
- 29.5F	△	29.5						
- 30.0F	●	30.0						
- 30.5F	△	30.5	300	MT3	1.0	16.0	45	201
- 31.0F	●	31.0						
- 31.5F	△	31.5	300	MT4	1.0	17.0	45	201
- 32.0F	●	32.0						
- 32.5F	△	32.5	325	MT4	1.0	17.0	45	201

Code No.	STOCK	DC H7	OAL	CZC	PL	DCN	LCF	LH
SRM- 33.0F	●	33.0	325	MT4	1.0	17.0	45	201
- 33.5F	△	33.5	325	MT4	1.0	18.0	48	201
- 34.0F	●	34.0						
- 34.5F	△	34.5	325	MT4	1.0	19.0	48	201
- 35.0F	●	35.0						
- 35.5F	△	35.5	330	MT4	1.0	19.0	48	206
- 36.0F	●	36.0						
- 36.5F	△	36.5	330	MT4	1.0	20.0	52	206
- 37.0F	●	37.0						
- 37.5F	△	37.5	330	MT4	1.0	21.0	52	206
- 38.0F	●	38.0						
- 38.5F	△	38.5						
- 39.0F	●	39.0						
- 39.5F	△	39.5	330	MT4	1.0	22.0	52	206
- 40.0F	●	40.0						
- 40.5F	△	40.5	330	MT4	1.5	23.0	55	206
- 41.0F	●	41.0						
- 41.5F	△	41.5	335	MT4	1.5	23.0	55	206
- 42.0F	●	42.0						
- 42.5F	△	42.5	335	MT4	1.5	24.0	55	211
- 43.0F	●	43.0						
- 43.5F	△	43.5	335	MT4	1.5	25.0	55	211
- 44.0F	●	44.0						
- 44.5F	△	44.5						
- 45.0F	●	45.0						
- 45.5F	△	45.5	340	MT4	1.5	26.0	60	216
- 46.0F	●	46.0						
- 46.5F	△	46.5	340	MT4	1.5	27.0	60	216
- 47.0F	●	47.0						
- 47.5F	△	47.5	350	MT4	1.5	27.0	60	226
- 48.0F	●	48.0						
- 48.5F	△	48.5	350	MT4	1.5	28.0	60	226
- 49.0F	●	49.0						
- 49.5F	△	49.5	385	MT5	1.5	29.0	60	229
- 50.0F	●	50.0						
- 51.0F	△	51.0	385	MT5	1.5	30.0	60	229
- 52.0F	●	52.0						
- 53.0F	△	53.0	385	MT5	1.5	32.0	60	229
- 54.0F	●	54.0	385	MT5	1.5	33.0	60	229
- 55.0F	△	55.0	400	MT5	1.5	34.0	60	244
- 56.0F	●	56.0	400	MT5	1.5	35.0	60	244
- 57.0F	△	57.0	400	MT5	1.5	36.0	60	244
- 58.0F	●	58.0	400	MT5	1.5	37.0	60	244
- 59.0F	△	59.0	400	MT5	1.5	38.0	60	244
- 60.0F	●	60.0	400	MT5	1.5	39.0	60	244
- 61.0F	●	61.0	400	MT5	1.5	39.0	60	244
- 62.0F	●	62.0	400	MT5	1.5	40.0	60	244
- 63.0F	●	63.0	400	MT5	1.5	41.0	60	244
- 64.0F	●	64.0	400	MT5	1.5	42.0	60	244
- 65.0F	●	65.0	400	MT5	1.5	45.0	65	244
- 66.0F	●	66.0						
- 67.0F	●	67.0						
- 68.0F	●	68.0	400	MT5	1.5	48.0	65	244
- 69.0F	●	69.0						
- 70.0F	●	70.0						
- 71.0F	●	71.0	400	MT5	1.5	50.0	65	244
- 72.0F	●	72.0						
- 73.0F	●	73.0	400	MT5	1.5	52.0	65	244

★PL means chamfering length to DC.
★Please slightly decrease feed rate before reaching the bottom of the hole without using G86.

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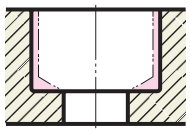
NIKKEN TOUGH-CUT SKILL REAMER

NIKKEN

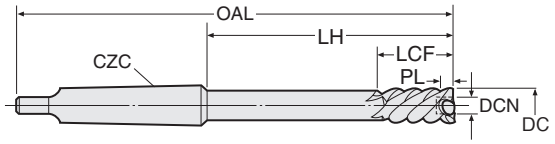
SRM-F

For STEPPED HOLE
Tough-Cut Skill Reamer (Morse Taper Shank)



Explanation of the Code No.

SRM - 10.0 - F
- F: FOR STEPPED HOLE
- 10.0: DIAMETER
- SRM: TOUGH-CUT SKILL REAMER SERIES
  SRM : MORSE TAPER SHANK



MILLING BLADE | LH-HELIX 45º | PN | P.139 *See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	CZC	PL	DCN	LCF	LH
SRM- 74.0F	●	74.0	400	MT5	1.5	52.0	65	244
- 75.0F	●	75.0						
- 76.0F	●	76.0						
- 77.0F	●	77.0	400	MT5	1.5	55.0	65	244
- 78.0F	●	78.0						
- 79.0F	●	79.0						
- 80.0F	●	80.0						
- 81.0F	●	81.0	400	MT5	1.5	58.0	65	244
- 82.0F	●	82.0						
- 83.0F	●	83.0	400	MT5	1.5	60.0	65	244
- 84.0F	●	84.0						
- 85.0F	●	85.0						
- 86.0F	●	86.0						
- 87.0F	●	87.0						

Code No.	STOCK	DC H7	OAL	CZC	PL	DCN	LCF	LH
SRM- 88.0F	●	88.0	400	MT5	1.5	60.0	65	244
- 89.0F	●	89.0						
- 90.0F	●	90.0	400	MT5	1.5	62.0	65	244
- 91.0F	●	91.0	400	MT5	1.5	62.0	65	244
- 92.0F	●	92.0						
- 93.0F	●	93.0	400	MT5	1.5	65.0	65	244
- 94.0F	●	94.0						
- 95.0F	●	95.0						
- 96.0F	●	96.0	400	MT5	1.5	68.0	65	244
- 97.0F	●	97.0						
- 98.0F	●	98.0						
- 99.0F	●	99.0	400	MT5	1.5	70.0	65	244
-100.0F	●	100.0						

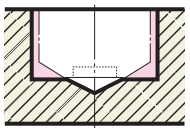
★PL means chamfering length to DC.
★DCN is the front end bore diameter without bottom teeth, thus please make sure predrilled hole should be larger than DCN.
★Please use right-handed helix reamer when there are not enough space for the chips. ☞P.98~101
★Please slightly decrease feed rate before reaching the bottom of the hole without using G86.

NIKKEN TOUGH-CUT SKILL REAMER

NIKKEN

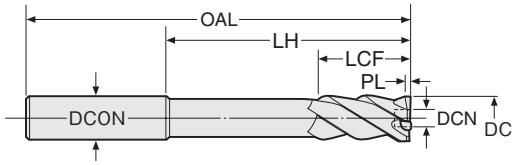
RSS-F

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



Explanation of the Code No.

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



MILLING BLADE | RH-HELIX 30-40º | PN | P.139 *See P.4 for icons.

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

⚠LCF must be longer than hole depth

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RSS- 2.97F	△	2.97	70	3	0.6	1.5	20	45
- 2.98F	△	2.98						
- 2.99F	△	2.99						
- 3.0 F	△	3.0						
- 3.01F	△	3.01	70	3	0.6	1.5	20	45
- 3.02F	△	3.02						
- 3.03F	△	3.03						
- 3.04F	△	3.04						
- 3.05F	△	3.05						
- 3.1 F	△	3.1						
- 3.2 F	△	3.2						
- 3.3 F	△	3.3	80	4	0.6	1.5	22	53
- 3.4 F	△	3.4						
- 3.5 F	△	3.5						
- 3.6 F	△	3.6						
- 3.7 F	△	3.7						
- 3.8 F	△	3.8						
- 3.9 F	△	3.9						
- 3.97F	△	3.97						
- 3.98F	△	3.98						

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
RSS- 3.99F	△	3.99	80	4	0.6	1.5	22	53
- 4.0 F	△	4.0						
- 4.01F	△	4.01	80	4	0.6	1.5	22	53
- 4.02F	△	4.02						
- 4.03F	△	4.03						
- 4.04F	△	4.04						
- 4.05F	△	4.05						
- 4.1 F	△	4.1						
- 4.2 F	△	4.2						
- 4.3 F	△	4.3	90	5	0.6	2.0	22	60
- 4.4 F	△	4.4						
- 4.5 F	△	4.5						
- 4.6 F	△	4.6						
- 4.7 F	△	4.7						
- 4.8 F	△	4.8	90	5	0.6	2.0	24	60
- 4.9 F	△	4.9						
- 4.97F	△	4.97						
- 4.98F	△	4.98						
- 4.99F	△	4.99						
- 5.0 F	●	5.0						

★PL means chamfering length to DC.
★Please slightly decrease feed rate before reaching the bottom of the hole without using G86.

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