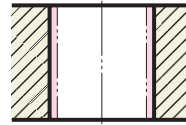


NIKKEN NC SENSOR REAMER



NCM

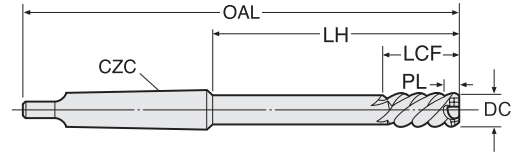
NC Sensor Reamer (Mores Taper Shank)



Explanation of the Code No.

NCM - 10.0

- DIAMETER
- NC SENSOR SERIES
- NCS : STRAIGHT SHANK



- MILLING BLADE
- LH-HELIX 45°
- UNEQUAL
- TIN COAT
- P.138

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	CZC	PL	LCF	LH
NCM- 3.0	△	3.0	110	MT1	4.0	20	44.5
- 3.5	△	3.5	115	MT1	4.0	22	49.5
- 4.0	△	4.0					
- 4.5	△	4.5	120	MT1	4.0	24	54.5
- 5.0	△	5.0					
- 5.5	△	5.5	130	MT1	4.2	25	64.5
- 6.0	●	6.0					
- 6.5	●	6.5	140	MT1	4.4	25	74.5
- 7.0	●	7.0	140	MT1	4.7	25	74.5
- 7.5	●	7.5	150	MT1	5.0	25	84.5
- 8.0	●	8.0	150	MT1	5.3	25	84.5
- 8.5	●	8.5	160	MT1	5.6	30	94.5
- 9.0	●	9.0	160	MT1	5.8	30	99.5
- 9.5	●	9.5	165	MT1	6.6	30	99.5
- 10.0	●	10	165	MT1	6.8	30	99.5
- 10.5	●	10.5	170	MT1	7.1	30	104.5
- 11.0	●	11.0	170	MT1	7.3	30	104.5
- 11.5	●	11.5	175	MT1	7.5	30	109.5
- 12.0	●	12.0					
- 12.5	●	12.5	180	MT1	7.7	30	114.5
- 13.0	●	13.0					
- 13.5	●	13.5	180	MT1	7.9	35	114.5
- 14.0	●	14.0					
- 14.5	●	14.5	200	MT2	8.1	35	120
- 15.0	●	15.0	200	MT2	8.3	35	120
- 15.5	●	15.5	205	MT2	9.4	35	125
- 16.0	●	16.0	205	MT2	9.6	35	125
- 16.5	●	16.5					
- 17.0	●	17.0	205	MT2	9.9	35	125
- 17.5	●	17.5	210	MT2	10.2	40	130
- 18.0	●	18.0	210	MT2	10.6	40	130
- 18.5	●	18.5	210	MT2	10.8	40	130
- 19.0	●	19.0	210	MT2	11.0	40	130
- 19.5	●	19.5	220	MT2	11.0	40	140
- 20.0	●	20.0					
- 20.5	●	20.5	230	MT2	11.0	40	150
- 21.0	●	21.0					
- 21.5	●	21.5	230	MT2	11.2	40	150
- 22.0	●	22.0					
- 22.5	●	22.5	240	MT2	11.2	40	160
- 23.0	●	23.0	240	MT2	11.4	40	160
- 23.5	●	23.5	250	MT3	11.6	40	151
- 24.0	●	24.0	250	MT3	11.8	40	151
- 24.5	●	24.5	255	MT3	11.8	40	156
- 25.0	●	25.0					
- 25.5	●	25.5	255	MT3	12.5	40	156
- 26.0	●	26.0					
- 26.5	●	26.5	260	MT3	12.5	45	161
- 27.0	●	27.0					
- 27.5	●	27.5	260	MT3	12.5	45	161
- 28.0	●	28.0					
- 28.5	●	28.5	260	MT3	12.5	45	161
- 29.0	●	29.0					
- 29.5	●	29.5	260	MT3	12.5	45	161
- 30.0	●	30.0					
- 30.5	●	30.5	300	MT3	12.5	45	201
- 31.0	●	31.0					
- 31.5	●	31.5	300	MT3	12.5	45	201

Code No.	STOCK	DC H7	OAL	CZC	PL	LCF	LH
NCM- 32.0	●	32.0	300	MT3	12.5	45	201
- 32.5	●	32.5	325	MT4	12.5	45	201
- 33.0	●	33.0					
- 33.5	●	33.5	325	MT4	13.0	48	201
- 34.0	●	34.0					
- 34.5	●	34.5	330	MT4	13.5	48	206
- 35.0	●	35.0					
- 35.5	●	35.0	330	MT4	13.5	48	206
- 36.0	●	36.0					
- 36.5	●	36.5	330	MT4	13.5	52	206
- 37.0	●	37.0					
- 37.5	●	37.5	330	MT4	13.5	52	206
- 38.0	●	38.0					
- 38.5	●	38.5	330	MT4	13.5	52	206
- 39.0	●	39.0					
- 39.5	●	39.5	330	MT4	14.0	55	206
- 40.0	●	40.0					
- 40.5	●	40.5	330	MT4	14.0	55	206
- 41.0	●	41.0					
- 41.5	●	41.5	335	MT4	14.0	55	211
- 42.0	●	42.0					
- 42.5	●	42.5	335	MT4	14.0	55	211
- 43.0	●	43.0					
- 43.5	●	43.5	340	MT4	14.5	60	216
- 44.0	●	44.0					
- 44.5	●	44.5	340	MT4	14.5	60	216
- 45.0	●	45.0					
- 45.5	●	45.5	340	MT4	14.5	60	216
- 46.0	●	46.0					
- 46.5	●	46.5	350	MT4	14.5	60	226
- 47.0	●	47.0					
- 47.5	●	47.5	350	MT4	14.5	60	226
- 48.0	●	48.0					
- 48.5	●	48.5	385	MT5	15.0	60	229
- 49.0	●	49.0					
- 49.5	●	49.5	385	MT5	15.0	60	229
- 50.0	●	50.0					
- 51.0	●	51.0	385	MT5	15.0	60	229
- 52.0	●	52.0					
- 53.0	●	53.0	385	MT5	15.0	60	229
- 54.0	●	54.0					
- 55.0	●	55.0	400	MT5	15.0	60	244
- 56.0	●	56.0					
- 57.0	●	57.0	400	MT5	15.0	60	244
- 58.0	●	58.0					
- 59.0	●	59.0	400	MT5	15.0	60	244
- 60.0	●	60.0					
- 61.0	●	61.0	400	MT5	15.0	60	244
- 62.0	●	62.0					
- 63.0	●	63.0	400	MT5	15.0	65	244
- 64.0	●	64.0					
- 65.0	●	65.0	400	MT5	15.0	65	244
- 66.0	●	66.0					
- 67.0	●	67.0	400	MT5	15.0	65	244
- 68.0	●	68.0					
- 69.0	●	69.0	400	MT5	15.0	65	244
- 70.0	●	70.0					
- 71.0	●	71.0	400	MT5	15.0	65	244

★PL means chamfering length to ΦDC.

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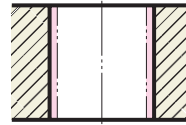
HSS FOR THROUGH HOLE

NIKKEN NC SENSOR REAMER



NCM

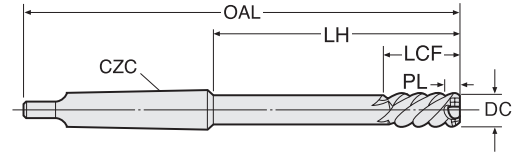
NC Sensor Reamer (Mores Taper Shank)



Explanation of the Code No.

NCM - 10.0
 • DIAMETER
 • NC SENSOR SERIES
 NCS : STRAIGHT SHANK

- MILLING BLADE
- LH-HELIX 45°
- UNEQUAL
- TIN COAT
- P.138 *See P.4 for icons.



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

Code No.	STOCK	DC H7	OAL	CZC	PL	LCF	LH
NCM- 72.0	●	72.0	400	MT5	15.0	65	244
- 73.0	●	73.0					
- 74.0	●	74.0					
- 75.0	●	75.0					
- 76.0	●	76.0					
- 77.0	●	77.0	400	MT5	15.5	65	244
- 78.0	●	78.0					
- 79.0	●	79.0					
- 80.0	●	80.0					
- 81.0	●	81.0					
- 82.0	●	82.0	400	MT5	15.5	65	244
- 83.0	●	83.0					
- 84.0	●	84.0					
- 85.0	●	85.0					
- 86.0	●	86.0					

Code No.	STOCK	DC H7	OAL	CZC	PL	LCF	LH
NCM- 87.0	●	87.0	400	MT5	15.5	65	244
- 88.0	●	88.0					
- 89.0	●	89.0					
- 90.0	●	90.0					
- 91.0	●	91.0					
- 92.0	●	92.0	400	MT5	15.5	65	244
- 93.0	●	93.0					
- 94.0	●	94.0					
- 95.0	●	95.0					
- 96.0	●	96.0					
- 97.0	●	97.0					
- 98.0	●	98.0					
- 99.0	●	99.0					
-100.0	●	100.0					

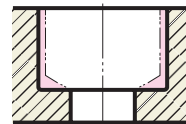
★PL means chamfering length to Φ DC.
 ★Straight shank NC sensor reamer is highly recommended.

NIKKEN NC SENSOR REAMER



NCS-F

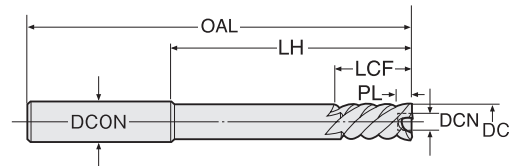
For STEPPED HOLE NC Sensor Reamer (Straight Shank)



Explanation of the Code No.

NCS - 10.0 - F
 • FOR STEPPED HOLE
 • DIAMETER
 • NC SENSOR SERIES
 NCS : STRAIGHT SHANK

- MILLING BLADE
- LH-HELIX 45°
- TIN COAT
- P.138 *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
NCS- 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						
- 3.1 F	△	3.1						
- 3.2 F	△	3.2	70	3	0.6	1.5	20	45
- 3.3 F	△	3.3						
- 3.4 F	△	3.4						
- 3.5 F	△	3.5						
- 3.6 F	△	3.6						
- 3.7 F	△	3.7	80	4	0.6	1.5	22	53
- 3.8 F	△	3.8						
- 3.9 F	△	3.9						
- 3.97F	△	3.97						
- 3.98F	△	3.98						
- 3.99F	△	3.99	80	4	0.6	1.5	22	53
- 4.0 F	△	4.0						
- 4.01F	△	4.01						
- 4.02F	△	4.02						
- 4.03F	△	4.03						

Code No.	STOCK	DC H7	OAL	DCON	PL	DCN	LCF	LH
NCS- 4.04F	△	4.04	80	4	0.6	1.5	22	53
- 4.05F	△	4.05						
- 4.1 F	△	4.1						
- 4.2 F	△	4.2						
- 4.3 F	△	4.3						
- 4.4 F	△	4.4	90	5	0.6	2.0	24	60
- 4.5 F	△	4.5						
- 4.6 F	△	4.6						
- 4.7 F	△	4.7						
- 4.8 F	△	4.8						
- 4.9 F	△	4.9	90	5	0.6	2.0	24	60
- 4.97F	△	4.97						
- 4.98F	△	4.98						
- 4.99F	△	4.99						
- 5.0 F	△	5.0						
- 5.01F	△	5.01	90	5	0.6	2.0	24	60
- 5.02F	△	5.02						
- 5.03F	△	5.03						
- 5.04F	△	5.04						
- 5.05F	△	5.05						

★PL means chamfering length to Φ DC.

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HSS FOR THROUGH HOLE FOR STEPPED HOLE