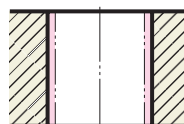


NIKKEN NC SENSOR REAMER

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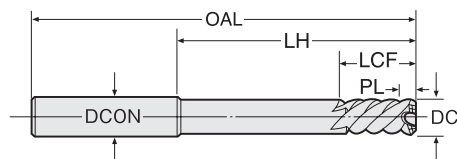
NCS

NC Sensor Reamer (Straight Shank)



Explanation of the Code No.

NCS - 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
NCS- 2.97	△	2.97	70	3	4.0	20	45
- 2.98	△	2.98					
- 2.99	△	2.99					
- 3.0	△	3.0					
- 3.01	△	3.01	70	3	4.0	20	45
- 3.02	△	3.02					
- 3.03	△	3.03					
- 3.04	△	3.04					
- 3.05	△	3.05	70	3	4.0	20	45
- 3.1	△	3.1					
- 3.2	△	3.2					
- 3.3	△	3.3					
- 3.4	△	3.4	80	4	4.0	22	53
- 3.5	△	3.5					
- 3.6	△	3.6					
- 3.7	△	3.7					
- 3.8	△	3.8	80	4	4.0	22	53
- 3.9	△	3.9					
- 3.97	△	3.97					
- 3.98	△	3.98					
- 3.99	△	3.99	80	4	4.0	22	53
- 4.0	△	4.0					
- 4.01	△	4.01					
- 4.02	△	4.02					
- 4.03	△	4.03	80	4	4.0	22	53
- 4.04	△	4.04					
- 4.05	△	4.05					
- 4.1	△	4.1					
- 4.2	△	4.2	90	5	4.0	24	60
- 4.3	△	4.3					
- 4.4	△	4.4					
- 4.5	△	4.5					
- 4.6	△	4.6	90	5	4.0	24	60
- 4.7	△	4.7					
- 4.8	△	4.8					
- 4.9	△	4.9					
- 4.97	△	4.97	90	5	4.0	24	60
- 4.98	△	4.98					
- 4.99	△	4.99					
- 5.0	△	5.0					
- 5.01	△	5.01	90	5	4.0	24	60
- 5.02	△	5.02					
- 5.03	△	5.03					
- 5.04	△	5.04					
- 5.05	△	5.05	90	5	4.0	24	60
- 5.1	△	5.1					
- 5.2	△	5.2					
- 5.3	△	5.3					
- 5.4	△	5.4	100	6	4.2	25	65
- 5.5	△	5.5					
- 5.6	△	5.6					
- 5.7	△	5.7					
- 5.8	△	5.8	100	6	4.2	25	65
- 5.9	△	5.9					
- 5.97	△	5.97					
- 5.98	△	5.98					
- 5.99	△	5.99	100	6	4.2	25	65
- 6.0	●	6.0					

Code No.	STOCK	DC H7	OAL	CZC	PL	LCF	LH
NCS- 6.01	△	6.01	100	6	4.2	25	65
- 6.02	△	6.02					
- 6.03	△	6.03					
- 6.04	△	6.04					
- 6.05	△	6.05	100	8	4.4	25	70
- 6.1	△	6.1					
- 6.2	△	6.2					
- 6.3	△	6.3					
- 6.4	△	6.4	110	8	4.7	25	70
- 6.5	●	6.5					
- 6.6	△	6.6					
- 6.7	△	6.7					
- 6.8	△	6.8	110	8	4.7	25	70
- 6.9	△	6.9					
- 6.97	△	6.97					
- 6.98	△	6.98					
- 6.99	△	6.99	110	8	4.7	25	70
- 7.0	●	7.0					
- 7.01	△	7.01					
- 7.02	△	7.02					
- 7.03	△	7.03	110	8	4.7	25	70
- 7.04	△	7.04					
- 7.05	△	7.05					
- 7.1	△	7.1					
- 7.2	△	7.2	110	8	5.0	25	70
- 7.3	△	7.3					
- 7.4	△	7.4					
- 7.5	●	7.5					
- 7.6	△	7.6	125	8	5.3	25	85
- 7.7	△	7.7					
- 7.8	△	7.8					
- 7.9	△	7.9					
- 7.97	△	7.97	125	8	5.3	25	85
- 7.98	△	7.98					
- 7.99	△	7.99					
- 8.0	●	8.0					
- 8.01	△	8.01	125	8	5.3	25	85
- 8.02	△	8.02					
- 8.03	△	8.03					
- 8.04	△	8.04					
- 8.05	△	8.05	135	10	5.6	30	90
- 8.1	△	8.1					
- 8.2	△	8.2					
- 8.3	△	8.3					
- 8.4	△	8.4	135	10	5.8	30	90
- 8.5	●	8.5					
- 8.6	△	8.6					
- 8.7	△	8.7					
- 8.8	△	8.8	135	10	5.8	30	90
- 8.9	△	8.9					
- 8.97	△	8.97					
- 8.98	△	8.98					
- 8.99	△	8.99	135	10	5.8	30	90
- 9.0	●	9.0					
- 9.01	△	9.01					
- 9.02	△	9.02					
- 9.03	△	9.03	135	10	5.8	30	90
- 9.04	△	9.04					

★PL means chamfering length to ΦDC.

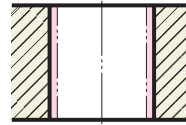
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NIKKEN NC SENSOR REAMER

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NCS

NC Sensor Reamer (Straight Shank)



Explanation of the Code No.

NCS - 10.0

DIAMETER

NC SENSOR SERIES

NCS : STRAIGHT SHANK

MILLING
BLADE

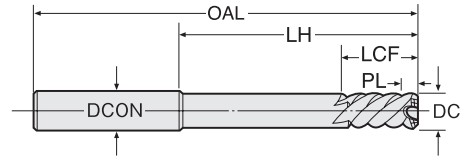
LH-HELIX
45°

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
NCS- 9.05	△	9.05	135	10	5.8	30	90
- 9.1	△	9.1					
- 9.2	△	9.2					
- 9.3	△	9.3	150	10	6.6	30	100
- 9.4	△	9.4					
- 9.5	●	9.5					
- 9.6	△	9.6	150	10	6.8	30	100
- 9.7	△	9.7					
- 9.8	△	9.8					
- 9.9	△	9.9	150	10	6.8	30	100
- 9.97	△	9.97					
- 9.98	△	9.98					
- 9.99	△	9.99	150	10	6.8	30	100
-10.0	●	10.0					
-10.01	△	10.01	150	10	6.8	30	100
-10.02	△	10.02					
-10.03	△	10.03					
-10.04	△	10.04	150	10	6.8	30	100
-10.05	△	10.05					
-10.1	△	10.1					
-10.2	△	10.2	155	12	7.1	30	105
-10.3	△	10.3					
-10.4	△	10.4					
-10.5	●	10.5	155	12	7.3	30	105
-10.6	△	10.6					
-10.7	△	10.7					
-10.8	△	10.8	155	12	7.3	30	105
-10.9	△	10.9					
-10.97	△	10.97					
-10.98	△	10.98	155	12	7.3	30	105
-10.99	△	10.99					
-11.0	●	11.0					
-11.01	△	11.01	155	12	7.3	30	105
-11.02	△	11.02					
-11.03	△	11.03					
-11.04	△	11.04	155	12	7.3	30	105
-11.05	△	11.05					
-11.1	△	11.1					
-11.2	△	11.2	160	12	7.5	30	105
-11.3	△	11.3					
-11.4	△	11.4					
-11.5	●	11.5	160	12	7.5	30	105
-11.6	△	11.6					
-11.7	△	11.7					
-11.8	△	11.8	160	12	7.5	30	105
-11.9	△	11.9					
-11.97	△	11.97					
-11.98	△	11.98	160	12	7.7	30	105
-11.99	△	11.99					
-12.0	●	12.0					
-12.01	△	12.01	160	12	7.7	30	105
-12.02	△	12.02					
-12.03	△	12.03					
-12.04	△	12.04	160	12	7.7	30	105
-12.05	△	12.05					
-12.1	△	12.1					
-12.2	△	12.2	165	12	7.7	30	110
-12.3	△	12.3					

Code No.	STOCK	DC H7	OAL	CZC	PL	LCF	LH
NCS-12.4	△	12.4	165	12	7.7	30	110
-12.5	●	12.5					
-12.6	△	12.6					
-12.7	△	12.7	165	12	7.7	30	110
-12.8	△	12.8					
-12.9	△	12.9					
-12.97	△	12.97	165	12	7.7	30	110
-12.98	△	12.98					
-12.99	△	12.99					
-13.0	●	13.0	165	12	7.7	30	110
-13.01	△	13.01					
-13.02	△	13.02					
-13.03	△	13.03	165	12	7.7	30	110
-13.04	△	13.04					
-13.05	△	13.05					
-13.1	△	13.1	170	16	7.9	35	115
-13.2	△	13.2					
-13.3	△	13.3					
-13.4	△	13.4	170	16	7.9	35	115
-13.5	●	13.5					
-13.6	△	13.6					
-13.7	△	13.7	170	16	7.9	35	115
-13.8	△	13.8					
-13.9	△	13.9					
-13.97	△	13.97	170	16	7.9	35	115
-13.98	△	13.98					
-13.99	△	13.99					
-14.0	●	14.0	170	16	7.9	35	115
-14.01	△	14.01					
-14.02	△	14.02					
-14.03	△	14.03	180	16	8.1	35	120
-14.04	△	14.04					
-14.05	△	14.05					
-14.1	△	14.1	180	16	8.1	35	120
-14.2	△	14.2					
-14.3	△	14.3					
-14.4	△	14.4	180	16	8.3	35	120
-14.5	△	14.5					
-14.6	△	14.6					
-14.7	△	14.7	180	16	8.3	35	120
-14.8	△	14.8					
-14.9	△	14.9					
-14.97	△	14.97	180	16	8.3	35	120
-14.98	△	14.98					
-14.99	△	14.99					
-15.0	●	15.0	180	16	8.3	35	120
-15.01	△	15.01					
-15.02	△	15.02					
-15.03	△	15.03	185	16	9.4	35	125
-15.04	△	15.04					
-15.05	△	15.05					
-15.1	△	15.1	185	16	9.4	35	125
-15.2	△	15.2					
-15.3	△	15.3					
-15.4	△	15.4	185	16	9.4	35	125
-15.5	△	15.5					
-15.6	△	15.6					
-15.7	△	15.7	185	16	9.4	35	125

★PL means chamfering length to ΦDC.

Next page

HSS

FOR THROUGH HOLE

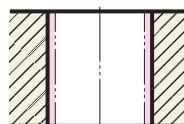


NIKKEN NC SENSOR REAMER

NIKKEN

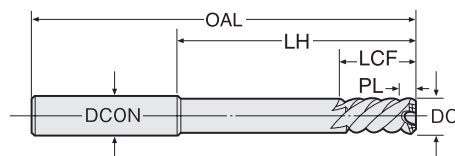
NCS

NC Sensor Reamer (Straight Shank)



Explanation of the Code No.

NCS - 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
NCS- 15.8	△	15.8	185	16	9.6	35	125
- 15.9	△	15.9					
- 15.97	△	15.97					
- 15.98	△	15.98					
- 15.99	△	15.99					
- 16.0	●	16.0	185	16	9.6	35	125
- 16.01	△	16.01					
- 16.02	△	16.02					
- 16.03	△	16.03					
- 16.04	△	16.04					
- 16.05	△	16.05					
- 16.1	△	16.1					
- 16.2	△	16.2					
- 16.3	△	16.3					
- 16.4	△	16.4					
- 16.5	△	16.5					
- 16.6	△	16.6					
- 16.7	△	16.7					
- 16.8	△	16.8					
- 16.9	△	16.9	185	16	9.9	35	125
- 16.97	△	16.97					
- 16.98	△	16.98					
- 16.99	△	16.99					
- 17.0	●	17.0					
- 17.01	△	17.01	185	16	9.9	35	125
- 17.02	△	17.02					
- 17.03	△	17.03					
- 17.04	△	17.04					
- 17.05	△	17.05					
- 17.1	△	17.1	195	20	10.2	40	130
- 17.2	△	17.2					
- 17.3	△	17.3					
- 17.4	△	17.4					
- 17.5	△	17.5					
- 17.6	△	17.6	195	20	10.6	40	130
- 17.7	△	17.7					
- 17.8	△	17.8					
- 17.9	△	17.9					
- 17.97	△	17.97					
- 17.98	△	17.98	195	20	10.6	40	130
- 17.99	△	17.99					
- 18.0	●	18.0					
- 18.01	△	18.01					
- 18.02	△	18.02	195	20	10.6	40	130
- 18.03	△	18.03					
- 18.04	△	18.04					
- 18.05	△	18.05					
- 18.1	△	18.1	195	20	10.8	40	130
- 18.2	△	18.2					
- 18.3	△	18.3					
- 18.4	△	18.4					
- 18.5	△	18.5	195	20	11.0	40	130
- 18.6	△	18.6					
- 18.7	△	18.7					
- 18.8	△	18.8					
- 18.9	△	18.9					
- 18.97	△	18.97	195	20	11.0	40	130
- 18.98	△	18.98					

Code No.	STOCK	DC H7	OAL	CZC	PL	LCF	LH
NCS- 18.99	△	18.99	195	20	11.0	40	130
- 19.0	●	19.0					
- 19.01	△	19.01	195	20	11.0	40	130
- 19.02	△	19.02					
- 19.03	△	19.03					
- 19.04	△	19.04					
- 19.05	△	19.05					
- 19.1	△	19.1	205	20	11.0	40	140
- 19.2	△	19.2					
- 19.3	△	19.3					
- 19.4	△	19.4					
- 19.5	△	19.5					
- 19.6	△	19.6					
- 19.7	△	19.7					
- 19.8	△	19.8					
- 19.9	△	19.9					
- 19.97	△	19.97					
- 19.98	△	19.98					
- 19.99	△	19.99					
- 20.0	●	20.0					
- 20.01	△	20.01	205	20	11.0	40	140
- 20.02	△	20.02					
- 20.03	△	20.03					
- 20.04	△	20.04					
- 20.05	△	20.05					
- 20.5	△	20.5	215	20	11.0	40	150
- 21.0	●	21.0					
- 21.5	△	21.5	215	20	11.2	40	150
- 22.0	●	22.0					
- 22.5	△	22.5	230	25	11.2	40	160
- 23.0	●	23.0					
- 23.5	△	23.5	230	25	11.6	40	160
- 24.0	●	24.0					
- 24.5	△	24.5	230	25	11.8	40	160
- 25.0	●	25.0					
- 25.5	△	25.5	230	25	12.5	40	160
- 26.0	●	26.0					
- 26.5	△	26.5					
- 27.0	●	27.0	240	32	12.5	45	160
- 27.5	△	27.5					
- 28.0	●	28.0					
- 28.5	△	28.5					
- 29.0	●	29.0					
- 29.5	△	29.5	280	32	12.5	45	200
- 30.0	●	30.0					
- 31.0	●	31.0					
- 32.0	●	32.0	280	32	13.5	48	200
- 33.0	●	33.0					
- 34.0	●	34.0	285	32	13.5	48	205
- 35.0	●	35.0					
- 36.0	●	36.0	285	32	13.5	52	205
- 37.0	●	37.0					
- 38.0	●	38.0					
- 39.0	●	39.0					
- 40.0	●	40.0					
- 41.0	●	41.0	285	32	14.0	55	205
- 42.0	●	42.0					
- 43.0	●	43.0					
- 44.0	●	44.0	290	32	14.0	55	210
- 45.0	●	45.0					

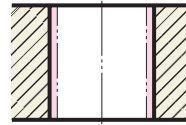
★PL means chamfering length to ΦDC.

NIKKEN NC SENSOR REAMER

NIKKEN

NCS

NC Sensor Reamer (Straight Shank)



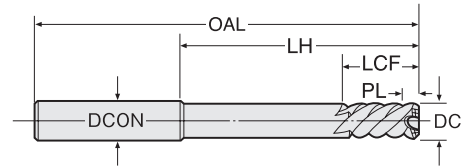
Explanation of the Code No.

NCS - 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
NCS- 44.0	●	44.0	290	32	14.0	55	210
- 45.0	●	45.0					
- 46.0	●	46.0					
- 47.0	●	47.0					
- 48.0	●	48.0	310	32	14.5	60	230
- 49.0	●	49.0					
- 50.0	●	50.0	310	32	15.0	60	230
- 51.0	●	51.0	310	32	15.0	60	230
- 52.0	●	52.0					
- 53.0	●	53.0					
- 54.0	●	54.0					
- 55.0	●	55.0	320	32	15.0	60	240
- 56.0	●	56.0					
- 57.0	●	57.0					
- 58.0	●	58.0					
- 59.0	●	59.0	320	42	15.0	65	240
- 60.0	●	60.0					
- 61.0	●	61.0					
- 62.0	●	62.0					
- 63.0	●	63.0	320	42	15.0	65	240
- 64.0	●	64.0					
- 65.0	●	65.0					
- 66.0	●	66.0					
- 67.0	●	67.0	320	42	15.0	65	240
- 68.0	●	68.0					
- 69.0	●	69.0					
- 70.0	●	70.0					
- 71.0	●	71.0	320	42	15.0	65	240
- 72.0	●	72.0					

★PL means chamfering length to ΦDC.

Code No.	STOCK	DC H7	OAL	CZC	PL	LCF	LH
NCS- 73.0	●	73.0	320	42	15.0	65	240
- 74.0	●	74.0					
- 75.0	●	75.0					
- 76.0	●	76.0					
- 77.0	●	77.0	330	42	15.5	65	240
- 78.0	●	78.0					
- 79.0	●	79.0					
- 80.0	●	80.0					
- 81.0	●	81.0	330	42	15.5	65	240
- 82.0	●	82.0					
- 83.0	●	83.0					
- 84.0	●	84.0					
- 85.0	●	85.0	330	42	15.5	65	240
- 86.0	●	86.0					
- 87.0	●	87.0					
- 88.0	●	88.0					
- 89.0	●	89.0	330	42	15.5	65	240
- 90.0	●	90.0					
- 91.0	●	91.0					
- 92.0	●	92.0					
- 93.0	●	93.0	330	42	15.5	65	240
- 94.0	●	94.0					
- 95.0	●	95.0					
- 96.0	●	96.0					
- 97.0	●	97.0	330	42	15.5	65	240
- 98.0	●	98.0					
- 99.0	●	99.0					
-100.0	●	100.0					

HSS

FOR THROUGH HOLE

