

NIKKEN TOUGH-CUT SKILL REAMER



Photo shows Tough-cut skill Reamer SRS

Features

- HSS tool with less heat generation, which is important to maintain finished hole diameter dimensions.
- When machining on steel, weariness of cutting edge due to heat generation is also low, and HSS reamer is better cutting ability than carbide reamer in some cases.
- This has outstanding features both for finished hole diameter dimensions and for surface roughness.
- There is good control of hole diameter dimensions, allowing to use on machining centers.
- Milling blade with positive rake angle will correct drilled hole to obtain suitable removal for following reaming.
- It can be used with water-soluble coolant.



PLAZMA NITRIDING

This is nitriding by a sputtering operation, along with a glow discharge being produced and the workpiece being heated in an atmosphere of a gas mixture with nitrogen in vacuum.

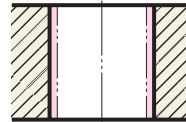
HSS FOR THROUGH HOLE

NIKKEN TOUGH-CUT SKILL REAMER



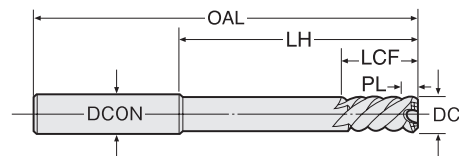
SRS

Tough-Cut Skill Reamer (Straight Shank)



Explanation of the Code No.

SRS - **10.0**
 ● DIAMETER
 ● TOUGH-CUT SKILL REAMER SERIES
 SRS : STRAIGHT SHANK



- MILLING BLADE
- LH-HELIX 45°
- UNEQUAL
- 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	LCF	LH
SRS- 2.95	△	2.95	70	3	4	20	45
- 2.96	△	2.96					
- 2.97	△	2.97					
- 2.98	△	2.98					
- 2.99	△	2.99					
- 3.0	△	3.0					
- 3.01	△	3.01	70	3	4	20	45
- 3.02	△	3.02					
- 3.03	△	3.03					
- 3.04	△	3.04					
- 3.05	△	3.05					
- 3.06	△	3.06					
- 3.07	△	3.07					
- 3.08	△	3.08					
- 3.09	△	3.09					
- 3.1	△	3.1					
- 3.11	△	3.11					
- 3.12	△	3.12					
- 3.13	△	3.13	70	3	4	20	45
- 3.14	△	3.14					
- 3.15	△	3.15					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH					
SRS- 3.16	△	3.16	70	3	4	20	45					
- 3.17	△	3.17										
- 3.175	△	3.175(1/8)										
- 3.18	△	3.18										
- 3.19	△	3.19										
- 3.2	△	3.2										
- 3.21	△	3.21	80	4	4	22	53					
- 3.22	△	3.22										
- 3.23	△	3.23										
- 3.24	△	3.24										
- 3.25	△	3.25										
- 3.26	△	3.26										
- 3.27	△	3.27										
- 3.28	△	3.28										
- 3.29	△	3.29										
- 3.3	△	3.3										
- 3.31	△	3.31						80	4	4	22	53
- 3.32	△	3.32										
- 3.33	△	3.33										
- 3.34	△	3.34										
- 3.35	△	3.35										

★PL means chamfering length to ΦDC.

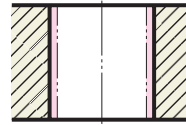
Next page >>>

NIKKEN TOUGH-CUT SKILL REAMER



SRS

Tough-Cut Skill Reamer (Straight Shank)



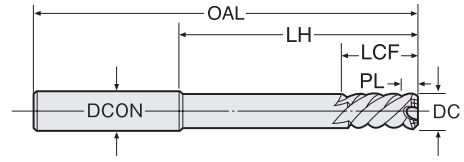
Explanation of the Code No.

SRS - 10.0

DIAMETER

TOUGH-CUT SKILL REAMER SERIES

SRS : STRAIGHT SHANK



MILLING BLADE

LH-HELIX 45°

UNEQUAL

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	LCF	LH
SRS- 3.36	△	3.36	80	4	4	22	53
- 3.37	△	3.37					
- 3.38	△	3.38					
- 3.39	△	3.39					
- 3.4	△	3.4					
- 3.41	△	3.41	80	4	4	22	53
- 3.42	△	3.42					
- 3.43	△	3.43					
- 3.44	△	3.44					
- 3.45	△	3.45					
- 3.46	△	3.46					
- 3.47	△	3.47					
- 3.48	△	3.48					
- 3.49	△	3.49					
- 3.5	△	3.5					
- 3.51	△	3.51	80	4	4	22	53
- 3.52	△	3.52					
- 3.53	△	3.53					
- 3.54	△	3.54					
- 3.55	△	3.55					
- 3.56	△	3.56					
- 3.57	△	3.57					
- 3.58	△	3.58					
- 3.59	△	3.59					
- 3.6	△	3.6					
- 3.61	△	3.61	80	4	4	22	53
- 3.62	△	3.62					
- 3.63	△	3.63					
- 3.64	△	3.64					
- 3.65	△	3.65					
- 3.66	△	3.66					
- 3.67	△	3.67					
- 3.68	△	3.68					
- 3.69	△	3.69					
- 3.7	△	3.7					
- 3.71	△	3.71	80	4	4	22	53
- 3.72	△	3.72					
- 3.73	△	3.73					
- 3.74	△	3.74					
- 3.75	△	3.75					
- 3.76	△	3.76					
- 3.77	△	3.77					
- 3.78	△	3.78					
- 3.79	△	3.79					
- 3.8	△	3.8					
- 3.81	△	3.81	80	4	4	22	53
- 3.82	△	3.82					
- 3.83	△	3.83					
- 3.84	△	3.84					
- 3.85	△	3.85					
- 3.86	△	3.86					
- 3.87	△	3.87					
- 3.88	△	3.88					
- 3.89	△	3.89					
- 3.9	△	3.9					
- 3.91	△	3.91	80	4	4	22	53
- 3.92	△	3.92					
- 3.93	△	3.93					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
SRS- 3.94	△	3.94	80	4	4	22	53
- 3.95	△	3.95					
- 3.96	△	3.96					
- 3.97	△	3.97					
- 3.98	△	3.98					
- 3.99	△	3.99	80	4	4	22	53
- 4.0	△	4.0					
- 4.01	△	4.01					
- 4.02	△	4.02					
- 4.03	△	4.03					
- 4.04	△	4.04					
- 4.05	△	4.05					
- 4.06	△	4.06					
- 4.07	△	4.07					
- 4.08	△	4.08					
- 4.09	△	4.09	80	4	4	22	53
- 4.1	△	4.1					
- 4.11	△	4.11					
- 4.12	△	4.12					
- 4.13	△	4.13					
- 4.14	△	4.14					
- 4.15	△	4.15					
- 4.16	△	4.16					
- 4.17	△	4.17					
- 4.18	△	4.18					
- 4.19	△	4.19	90	5	4	24	60
- 4.2	△	4.2					
- 4.21	△	4.21					
- 4.22	△	4.22					
- 4.23	△	4.23					
- 4.24	△	4.24					
- 4.25	△	4.25					
- 4.26	△	4.26					
- 4.27	△	4.27					
- 4.28	△	4.28					
- 4.29	△	4.29	90	5	4	24	60
- 4.3	△	4.3					
- 4.31	△	4.31					
- 4.32	△	4.32					
- 4.33	△	4.33					
- 4.34	△	4.34					
- 4.35	△	4.35					
- 4.36	△	4.36					
- 4.37	△	4.37					
- 4.38	△	4.38					
- 4.39	△	4.39	90	5	4	24	60
- 4.4	△	4.4					
- 4.41	△	4.41					
- 4.42	△	4.42					
- 4.43	△	4.43					
- 4.44	△	4.44					
- 4.45	△	4.45					
- 4.46	△	4.46					
- 4.47	△	4.47					
- 4.48	△	4.48					
- 4.49	△	4.49	90	5	4	24	60
- 4.5	△	4.5					
- 4.51	△	4.51					

★PL means chamfering length to ΦDC.

Next page >>>>

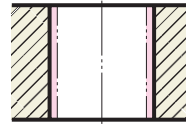
HSS FOR THROUGH HOLE

NIKKEN TOUGH-CUT SKILL REAMER



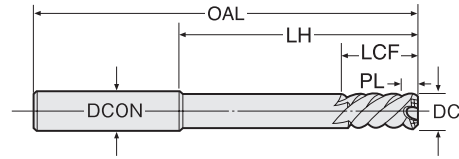
SRS

Tough-Cut Skill Reamer (Straight Shank)



Explanation of the Code No.

- SRS - 10.0**
- DIAMETER
- TOUGH-CUT SKILL REAMER SERIES
- SRS : STRAIGHT SHANK



MILLING BLADE

LH-HELIX 45°

UNEQUAL

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	LCF	LH
SRS- 4.52	△	4.52	90	5	4	24	60
- 4.53	△	4.53					
- 4.54	△	4.54					
- 4.55	△	4.55					
- 4.56	△	4.56					
- 4.57	△	4.57					
- 4.58	△	4.58					
- 4.59	△	4.59					
- 4.6	△	4.6					
- 4.61	△	4.61					
- 4.62	△	4.62					
- 4.63	△	4.63					
- 4.64	△	4.64					
- 4.65	△	4.65					
- 4.66	△	4.66					
- 4.67	△	4.67					
- 4.68	△	4.68					
- 4.69	△	4.69					
- 4.7	△	4.7					
- 4.71	△	4.71					
- 4.72	△	4.72					
- 4.73	△	4.73					
- 4.74	△	4.74					
- 4.75	△	4.75					
- 4.76	△	4.76					
- 4.763	△	4.763(3/16)					
- 4.77	△	4.77					
- 4.78	△	4.78					
- 4.79	△	4.79					
- 4.8	△	4.8					
- 4.81	△	4.81					
- 4.82	△	4.82					
- 4.83	△	4.83					
- 4.84	△	4.84					
- 4.85	△	4.85					
- 4.86	△	4.86					
- 4.87	△	4.87					
- 4.88	△	4.88					
- 4.89	△	4.89					
- 4.9	△	4.9					
- 4.91	△	4.91					
- 4.92	△	4.92					
- 4.93	△	4.93					
- 4.94	△	4.94					
- 4.95	△	4.95					
- 4.96	△	4.96					
- 4.97	△	4.97					
- 4.98	△	4.98					
- 4.99	△	4.99					
- 5.0	△	5.0					
- 5.01	△	5.01					
- 5.02	△	5.02					
- 5.03	△	5.03					
- 5.04	△	5.04					
- 5.05	△	5.05					
- 5.06	△	5.06					
- 5.07	△	5.07					
- 5.08	△	5.08					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
SRS- 5.09	△	5.09	90	5	4	24	60
- 5.1	△	5.1					
- 5.11	△	5.11	90	5	4	24	60
- 5.12	△	5.12					
- 5.13	△	5.13					
- 5.14	△	5.14					
- 5.15	△	5.15					
- 5.16	△	5.16					
- 5.17	△	5.17					
- 5.18	△	5.18					
- 5.19	△	5.19					
- 5.2	△	5.2					
- 5.21	△	5.21	90	5	4	24	60
- 5.22	△	5.22					
- 5.23	△	5.23					
- 5.24	△	5.24					
- 5.25	△	5.25					
- 5.26	△	5.26					
- 5.27	△	5.27					
- 5.28	△	5.28					
- 5.29	△	5.29					
- 5.3	△	5.3					
- 5.31	△	5.31	90	5	4	24	60
- 5.32	△	5.32					
- 5.33	△	5.33					
- 5.34	△	5.34					
- 5.35	△	5.35					
- 5.36	△	5.36					
- 5.37	△	5.37					
- 5.38	△	5.38					
- 5.39	△	5.39					
- 5.4	△	5.4					
- 5.41	△	5.41	100	6	4.2	25	65
- 5.42	△	5.42					
- 5.43	△	5.43					
- 5.44	△	5.44					
- 5.45	△	5.45					
- 5.46	△	5.46					
- 5.47	△	5.47					
- 5.48	△	5.48					
- 5.49	△	5.49					
- 5.5	△	5.5					
- 5.51	△	5.51	100	6	4.2	25	65
- 5.52	△	5.52					
- 5.53	△	5.53					
- 5.54	△	5.54					
- 5.55	△	5.55					
- 5.56	△	5.56					
- 5.57	△	5.57					
- 5.58	△	5.58					
- 5.59	△	5.59					
- 5.6	△	5.6					
- 5.61	△	5.61	100	6	4.2	25	65
- 5.62	△	5.62					
- 5.63	△	5.63					
- 5.64	△	5.64					
- 5.65	△	5.65					
- 5.66	△	5.66					

★PL means chamfering length to φDC.

Next page >>>

HSS FOR THROUGH HOLE

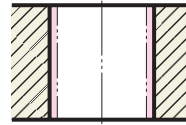


NIKKEN TOUGH-CUT SKILL REAMER



SRS

Tough-Cut Skill Reamer (Straight Shank)

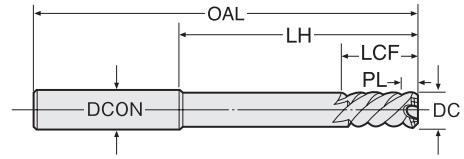


Explanation of the Code No.

SRS - 10.0

DIAMETER

TOUGH-CUT SKILL REAMER SERIES
SRS : STRAIGHT SHANK



MILLING BLADE

LH-HELIX 45°

UNEQUAL

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	LCF	LH
SRS- 5.67	△	5.67	100	6	4.2	25	65
- 5.68	△	5.68					
- 5.69	△	5.69					
- 5.7	△	5.7					
- 5.71	△	5.71	100	6	4.2	25	65
- 5.72	△	5.72					
- 5.73	△	5.73					
- 5.74	△	5.74					
- 5.75	△	5.75					
- 5.76	△	5.76					
- 5.77	△	5.77					
- 5.78	△	5.78					
- 5.79	△	5.79					
- 5.8	△	5.8					
- 5.81	△	5.81					
- 5.82	△	5.82					
- 5.83	△	5.83					
- 5.84	△	5.84					
- 5.85	△	5.85	100	6	4.2	25	65
- 5.86	△	5.86					
- 5.87	△	5.87					
- 5.88	△	5.88					
- 5.89	△	5.89					
- 5.9	△	5.9					
- 5.91	△	5.91					
- 5.92	△	5.92					
- 5.93	△	5.93					
- 5.94	△	5.94	100	6	4.2	25	65
- 5.95	△	5.95					
- 5.96	△	5.96					
- 5.97	△	5.97					
- 5.98	△	5.98					
- 5.99	△	5.99					
- 6.0	●	6.0					
- 6.01	△	6.01					
- 6.02	△	6.02					
- 6.03	△	6.03					
- 6.04	△	6.04	100	6	4.2	25	65
- 6.05	△	6.05					
- 6.06	△	6.06					
- 6.07	△	6.07					
- 6.08	△	6.08					
- 6.09	△	6.09					
- 6.1	△	6.1					
- 6.11	△	6.11					
- 6.12	△	6.12					
- 6.13	△	6.13					
- 6.14	△	6.14	100	6	4.2	25	65
- 6.15	△	6.15					
- 6.16	△	6.16					
- 6.17	△	6.17					
- 6.18	△	6.18					
- 6.19	△	6.19					
- 6.2	△	6.2					
- 6.21	△	6.21					
- 6.22	△	6.22	110	8	4.4	25	70
- 6.23	△	6.23					
- 6.24	△	6.24					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
SRS- 6.25	△	6.25	110	8	4.4	25	70
- 6.26	△	6.26					
- 6.27	△	6.27					
- 6.28	△	6.28					
- 6.29	△	6.29					
- 6.3	△	6.3					
- 6.31	△	6.31	110	8	4.4	25	70
- 6.32	△	6.32					
- 6.33	△	6.33					
- 6.34	△	6.34					
- 6.35	△	6.35(1/4)					
- 6.36	△	6.36					
- 6.37	△	6.37					
- 6.38	△	6.38					
- 6.39	△	6.39					
- 6.4	△	6.4					
- 6.41	△	6.41	110	8	4.4	25	70
- 6.42	△	6.42					
- 6.43	△	6.43					
- 6.44	△	6.44					
- 6.45	△	6.45					
- 6.46	△	6.46					
- 6.47	△	6.47					
- 6.48	△	6.48					
- 6.49	△	6.49					
- 6.5	●	6.5					
- 6.51	△	6.51	110	8	4.4	25	70
- 6.52	△	6.52					
- 6.53	△	6.53					
- 6.54	△	6.54					
- 6.55	△	6.55					
- 6.56	△	6.56					
- 6.57	△	6.57					
- 6.58	△	6.58					
- 6.59	△	6.59					
- 6.6	△	6.6					
- 6.61	△	6.61	110	8	4.4	25	70
- 6.62	△	6.62					
- 6.63	△	6.63					
- 6.64	△	6.64					
- 6.65	△	6.65					
- 6.66	△	6.66					
- 6.67	△	6.67					
- 6.68	△	6.68					
- 6.69	△	6.69					
- 6.7	△	6.7					
- 6.71	△	6.71	110	8	4.7	25	70
- 6.72	△	6.72					
- 6.73	△	6.73					
- 6.74	△	6.74					
- 6.75	△	6.75					
- 6.76	△	6.76					
- 6.77	△	6.77					
- 6.78	△	6.78					
- 6.79	△	6.79					
- 6.8	△	6.8					
- 6.81	△	6.81	110	8	4.7	25	70
- 6.82	△	6.82					

★PL means chamfering length to φDC.

Next page >>>

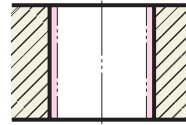
HSS FOR THROUGH HOLE

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SRS

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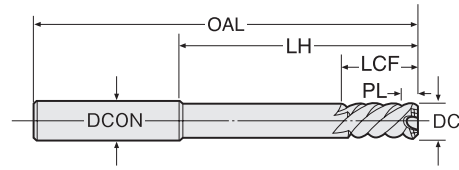
Explanation of the Code No.

SRS - 10.0

● DIAMETER

● TOUGH-CUT SKILL REAMER SERIES

SRS : STRAIGHT SHANK



MILLING BLADE

LH-HELIX 45°

UNEQUAL

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	LCF	LH
SRS- 6.83	△	6.83	110	8	4.7	25	70
- 6.84	△	6.84					
- 6.85	△	6.85					
- 6.86	△	6.86					
- 6.87	△	6.87					
- 6.88	△	6.88					
- 6.89	△	6.89					
- 6.9	△	6.9					
- 6.91	△	6.91					
- 6.92	△	6.92					
- 6.93	△	6.93					
- 6.94	△	6.94					
- 6.95	△	6.95	110	8	4.7	25	70
- 6.96	△	6.96					
- 6.97	△	6.97					
- 6.98	△	6.98					
- 6.99	△	6.99					
- 7.0	●	7.0					
- 7.01	△	7.01					
- 7.02	△	7.02					
- 7.03	△	7.03					
- 7.04	△	7.04					
- 7.05	△	7.05					
- 7.06	△	7.06					
- 7.07	△	7.07					
- 7.08	△	7.08					
- 7.09	△	7.09					
- 7.1	△	7.1	110	8	4.7	25	70
- 7.11	△	7.11					
- 7.12	△	7.12					
- 7.13	△	7.13					
- 7.14	△	7.14					
- 7.15	△	7.15					
- 7.16	△	7.16					
- 7.17	△	7.17					
- 7.18	△	7.18					
- 7.19	△	7.19					
- 7.2	△	7.2					
- 7.21	△	7.21	110	8	5.0	25	70
- 7.22	△	7.22					
- 7.23	△	7.23					
- 7.24	△	7.24					
- 7.25	△	7.25					
- 7.26	△	7.26					
- 7.27	△	7.27					
- 7.28	△	7.28					
- 7.29	△	7.29					
- 7.3	△	7.3					
- 7.31	△	7.31					
- 7.32	△	7.32					
- 7.33	△	7.33					
- 7.34	△	7.34					
- 7.35	△	7.35	110	8	5.0	25	70
- 7.36	△	7.36					
- 7.37	△	7.37					
- 7.38	△	7.38					
- 7.39	△	7.39					
- 7.4	△	7.4					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
SRS- 7.41	△	7.41	110	8	5.0	25	70
- 7.42	△	7.42					
- 7.43	△	7.43					
- 7.44	△	7.44					
- 7.45	△	7.45					
- 7.46	△	7.46					
- 7.47	△	7.47					
- 7.48	△	7.48					
- 7.49	△	7.49					
- 7.5	●	7.5					
- 7.51	△	7.51	110	8	5.0	25	70
- 7.52	△	7.52					
- 7.53	△	7.53					
- 7.54	△	7.54					
- 7.55	△	7.55					
- 7.56	△	7.56					
- 7.57	△	7.57					
- 7.58	△	7.58					
- 7.59	△	7.59					
- 7.6	△	7.6					
- 7.61	△	7.61	110	8	5.0	25	70
- 7.62	△	7.62					
- 7.63	△	7.63					
- 7.64	△	7.64					
- 7.65	△	7.65					
- 7.66	△	7.66					
- 7.67	△	7.67					
- 7.68	△	7.68					
- 7.69	△	7.69					
- 7.7	△	7.7					
- 7.71	△	7.71	125	8	5.3	25	85
- 7.72	△	7.72					
- 7.73	△	7.73					
- 7.74	△	7.74					
- 7.75	△	7.75					
- 7.76	△	7.76					
- 7.77	△	7.77					
- 7.78	△	7.78					
- 7.79	△	7.79					
- 7.8	△	7.8					
- 7.81	△	7.81	125	8	5.3	25	85
- 7.82	△	7.82					
- 7.83	△	7.83					
- 7.84	△	7.84					
- 7.85	△	7.85					
- 7.86	△	7.86					
- 7.87	△	7.87					
- 7.88	△	7.88					
- 7.89	△	7.89					
- 7.9	△	7.9					
- 7.91	△	7.91	125	8	5.3	25	85
- 7.92	△	7.92					
- 7.93	△	7.93					
- 7.938	△	7.938(5/16)					
- 7.94	△	7.94					
- 7.95	△	7.95					
- 7.96	△	7.96					
- 7.97	△	7.97					

★PL means chamfering length to φDC.

Next page >>>

HSS FOR THROUGH HOLE

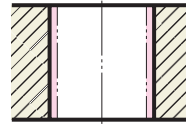


NIKKEN TOUGH-CUT SKILL REAMER



SRS

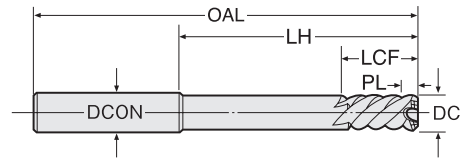
Tough-Cut Skill Reamer (Straight Shank)



Explanation of the Code No.

SRS - 10.0

- DIAMETER
- TOUGH-CUT SKILL REAMER SERIES
- SRS : STRAIGHT SHANK



MILLING BLADE

LH-HELIX 45°

UNEQUAL

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	LCF	LH
SRS- 7.98	△	7.98	125	8	5.3	25	85
- 7.99	△	7.99					
- 8.0	●	8.0					
- 8.01	△	8.01					
- 8.02	△	8.02					
- 8.03	△	8.03					
- 8.04	△	8.04					
- 8.05	△	8.05					
- 8.06	△	8.06					
- 8.07	△	8.07					
- 8.08	△	8.08					
- 8.09	△	8.09					
- 8.1	△	8.1					
- 8.11	△	8.11					
- 8.12	△	8.12					
- 8.13	△	8.13					
- 8.14	△	8.14					
- 8.15	△	8.15					
- 8.16	△	8.16					
- 8.17	△	8.17					
- 8.18	△	8.18					
- 8.19	△	8.19					
- 8.2	△	8.2					
- 8.21	△	8.21					
- 8.22	△	8.22					
- 8.23	△	8.23					
- 8.24	△	8.24					
- 8.25	△	8.25					
- 8.26	△	8.26					
- 8.27	△	8.27					
- 8.28	△	8.28					
- 8.29	△	8.29					
- 8.3	△	8.3					
- 8.31	△	8.31					
- 8.32	△	8.32					
- 8.33	△	8.33					
- 8.34	△	8.34					
- 8.35	△	8.35					
- 8.36	△	8.36					
- 8.37	△	8.37					
- 8.38	△	8.38					
- 8.39	△	8.39					
- 8.4	△	8.4					
- 8.41	△	8.41					
- 8.42	△	8.42					
- 8.43	△	8.43					
- 8.44	△	8.44					
- 8.45	△	8.45					
- 8.46	△	8.46					
- 8.47	△	8.47					
- 8.48	△	8.48					
- 8.49	△	8.49					
- 8.5	●	8.5					
- 8.51	△	8.51					
- 8.52	△	8.52					
- 8.53	△	8.53					
- 8.54	△	8.54					
- 8.55	△	8.55					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
SRS- 8.56	△	8.56	135	10	5.6	30	90
- 8.57	△	8.57					
- 8.58	△	8.58					
- 8.59	△	8.59					
- 8.6	△	8.6					
- 8.61	△	8.61					
- 8.62	△	8.62					
- 8.63	△	8.63					
- 8.64	△	8.64					
- 8.65	△	8.65					
- 8.66	△	8.66					
- 8.67	△	8.67					
- 8.68	△	8.68					
- 8.69	△	8.69					
- 8.7	△	8.7					
- 8.71	△	8.71					
- 8.72	△	8.72					
- 8.73	△	8.73					
- 8.74	△	8.74					
- 8.75	△	8.75					
- 8.76	△	8.76					
- 8.77	△	8.77					
- 8.78	△	8.78					
- 8.79	△	8.79					
- 8.8	△	8.8					
- 8.81	△	8.81					
- 8.82	△	8.82					
- 8.83	△	8.83					
- 8.84	△	8.84					
- 8.85	△	8.85					
- 8.86	△	8.86					
- 8.87	△	8.87					
- 8.88	△	8.88					
- 8.89	△	8.89					
- 8.9	△	8.9					
- 8.91	△	8.91					
- 8.92	△	8.92					
- 8.93	△	8.93					
- 8.94	△	8.94					
- 8.95	△	8.95					
- 8.96	△	8.96					
- 8.97	△	8.97					
- 8.98	△	8.98					
- 8.99	△	8.99					
- 9.0	●	9.0					
- 9.01	△	9.01					
- 9.02	△	9.02					
- 9.03	△	9.03					
- 9.04	△	9.04					
- 9.05	△	9.05					
- 9.06	△	9.06					
- 9.07	△	9.07					
- 9.08	△	9.08					
- 9.09	△	9.09					
- 9.1	△	9.1					
- 9.11	△	9.11					
- 9.12	△	9.12					
- 9.13	△	9.13					

★PL means chamfering length to ΦDC.

Next page >>>

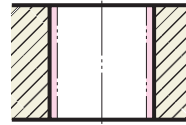
HSS FOR THROUGH HOLE

NIKKEN TOUGH-CUT SKILL REAMER



SRS

Tough-Cut Skill Reamer (Straight Shank)

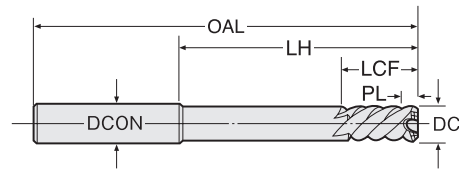


Explanation of the Code No.

SRS - 10.0

DIAMETER

TOUGH-CUT SKILL REAMER SERIES
SRS : STRAIGHT SHANK



MILLING BLADE

LH-HELIX 45°

UNEQUAL

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	LCF	LH
SRS- 9.14	△	9.14	135	10	5.8	30	90
- 9.15	△	9.15					
- 9.16	△	9.16					
- 9.17	△	9.17					
- 9.18	△	9.18					
- 9.19	△	9.19					
- 9.2	△	9.2					
- 9.21	△	9.21	150	10	6.6	30	100
- 9.22	△	9.22					
- 9.23	△	9.23					
- 9.24	△	9.24					
- 9.25	△	9.25					
- 9.26	△	9.26					
- 9.27	△	9.27					
- 9.28	△	9.28					
- 9.29	△	9.29					
- 9.3	△	9.3					
- 9.31	△	9.31					
- 9.32	△	9.32					
- 9.33	△	9.33					
- 9.34	△	9.34					
- 9.35	△	9.35	150	10	6.6	30	100
- 9.36	△	9.36					
- 9.37	△	9.37					
- 9.38	△	9.38					
- 9.39	△	9.39					
- 9.4	△	9.4					
- 9.41	△	9.41					
- 9.42	△	9.42					
- 9.43	△	9.43					
- 9.44	△	9.44					
- 9.45	△	9.45	150	10	6.6	30	100
- 9.46	△	9.46					
- 9.47	△	9.47					
- 9.48	△	9.48					
- 9.49	△	9.49					
- 9.5	●	9.5					
- 9.51	△	9.51					
- 9.52	△	9.52					
- 9.525	△	9.525 (3/8)					
- 9.53	△	9.53					
- 9.54	△	9.54					
- 9.55	△	9.55	150	10	6.6	30	100
- 9.56	△	9.56					
- 9.57	△	9.57					
- 9.58	△	9.58					
- 9.59	△	9.59					
- 9.6	△	9.6					
- 9.61	△	9.61					
- 9.62	△	9.62					
- 9.63	△	9.63					
- 9.64	△	9.64					
- 9.65	△	9.65	150	10	6.6	30	100
- 9.66	△	9.66					
- 9.67	△	9.67					
- 9.68	△	9.68					
- 9.69	△	9.69					
- 9.7	△	9.7					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH					
SRS- 9.71	△	9.71	150	10	6.8	30	100					
- 9.72	△	9.72										
- 9.73	△	9.73										
- 9.74	△	9.74										
- 9.75	△	9.75										
- 9.76	△	9.76										
- 9.77	△	9.77										
- 9.78	△	9.78										
- 9.79	△	9.79										
- 9.8	△	9.8										
- 9.81	△	9.81	150	10	6.8	30	100					
- 9.82	△	9.82										
- 9.83	△	9.83										
- 9.84	△	9.84										
- 9.85	△	9.85										
- 9.86	△	9.86										
- 9.87	△	9.87										
- 9.88	△	9.88										
- 9.89	△	9.89										
- 9.9	△	9.9										
- 9.91	△	9.91	150	10	6.8	30	100					
- 9.92	△	9.92										
- 9.93	△	9.93										
- 9.94	△	9.94										
- 9.95	△	9.95										
- 9.96	△	9.96										
- 9.97	△	9.97										
- 9.98	△	9.98										
- 9.99	△	9.99										
-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										
-10.05	△	10.05										
-10.1	△	10.1										
-10.2	△	10.2										
-10.3	△	10.3										
-10.4	△	10.4										
-10.5	●	10.5										
-10.6	△	10.6										
-10.7	△	10.7										
-10.8	△	10.8	155	12	7.1	30	105					
-10.9	△	10.9										
-10.97	△	10.97										
-10.98	△	10.98										
-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										
-11.05	△	11.05										
-11.1	△	11.1										
-11.2	△	11.2										
-11.3	△	11.3										
-11.4	△	11.4										
-11.5	●	11.5										

★PL means chamfering length to ΦDC.

Next page >>>

HSS FOR THROUGH HOLE

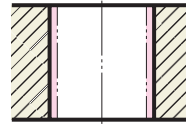


NIKKEN TOUGH-CUT SKILL REAMER



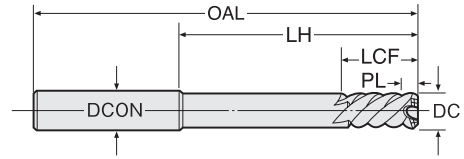
SRS

Tough-Cut Skill Reamer (Straight Shank)



Explanation of the Code No.

- SRS** 10.0
- DIAMETER
- TOUGH-CUT SKILL REAMER SERIES
- SRS : STRAIGHT SHANK



MILLING BLADE

LH-HELIX 45°

UNEQUAL

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	LCF	LH
SRS-11.6	△	11.6	160	12	7.5	30	105
-11.7	△	11.7					
-11.8	△	11.8					
-11.9	△	11.9					
-11.97	△	11.97					
-11.98	△	11.98					
-11.99	△	11.99					
-12.0	●	12.0					
-12.01	△	12.01					
-12.02	△	12.02					
-12.03	△	12.03					
-12.04	△	12.04					
-12.05	△	12.05					
-12.1	△	12.1					
-12.2	△	12.2					
-12.3	△	12.3					
-12.4	△	12.4					
-12.5	●	12.5					
-12.6	△	12.6					
-12.7	△	12.7(1/2)					
-12.8	△	12.8					
-12.9	△	12.9					
-12.97	△	12.97					
-12.98	△	12.98					
-12.99	△	12.99					
-13.0	●	13.0					
-13.01	△	13.01					
-13.02	△	13.02					
-13.03	△	13.03					
-13.04	△	13.04					
-13.05	△	13.05					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
SRS-13.1	△	13.1	165	12	7.7	30	110
-13.2	△	13.2					
-13.3	△	13.3					
-13.4	△	13.4					
-13.5	●	13.5					
-13.6	△	13.6					
-13.7	△	13.7					
-13.8	△	13.8					
-13.9	△	13.9					
-13.97	△	13.97					
-13.98	△	13.98					
-13.99	△	13.99					
-14.0	●	14.0					
-14.01	△	14.01					
-14.02	△	14.02					
-14.03	△	14.03					
-14.04	△	14.04					
-14.05	△	14.05					
-14.5	△	14.5	180	16	8.1	35	120
-15.0	△	15.0					
-15.5	△	15.5	185	16	9.4	35	125
-16.0	△	16.0					
-16.5	△	16.5					
-17.0	△	17.0	185	16	9.9	35	125
-17.5	△	17.5					
-18.0	△	18.0	195	20	10.2	40	130
-18.5	△	18.5					
-19.0	△	19.0	195	20	10.6	40	130
-19.5	△	19.5					
-20.0	△	20.0	205	20	10.8	40	130
-19.0	△	19.0					
-19.5	△	19.5					
-20.0	△	20.0					

★PL means chamfering length to ΦDC.

HSS FOR THROUGH HOLE