

NIKKEN CARBIDE MILL REAMER



CARBIDE

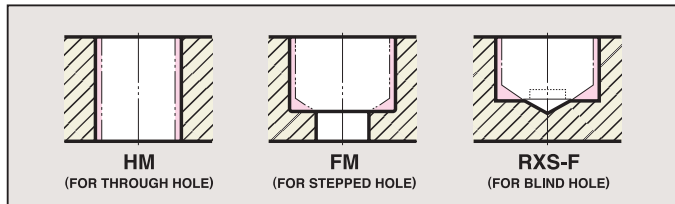
FOR THROUGH HOLE



Photo shows Mill Reamer HMS

Features

- Although the geometry of Mill Reamer is almost same as Tough Cut Skill Reamer, the material of Mill Reamer is carbide (K10 grade carbide).
- Machining speed can be high, and this is the better way to increase productivity.
- The suitable materials are castings, cast aluminum and Meehanite material.
- Milling blade with positive rake angle will correct drilled hole diameter to obtain suitable removal for following reaming.
- We have the HM Series (for through holes), which simultaneously perform milling, finish reaming and burnishing, and the FM Series (for stepped holes), which simultaneously perform milling, finish reaming and facing.

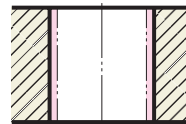


NIKKEN CARBIDE MILL REAMER



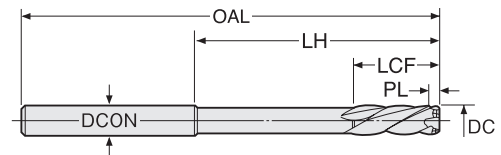
HMS

Mill Reamer (Straight Shank)



Explanation of the Code No.

- HMS** - **5.0**
- DIAMETER
 - MILLREAMER SERIES
 - HMS : STRAIGHT SHANK FOR THROUGH HOLE



MILLING BLADE

LH-HELIX 30-35°

P.135

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 2.95	△	2.95	60	3	4.0	16	35
- 2.96	△	2.96					
- 2.97	△	2.97					
- 2.98	△	2.98					
- 2.99	△	2.99					
- 3.0	●	3.0					
- 3.01	△	3.01	60	3	4.0	16	35
- 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	60	3	4.0	16	35
- 3.14	△	3.14					
- 3.15	△	3.15					
- 3.16	△	3.16					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 3.17	△	3.17	60	3	4.0	16	35
- 3.175	△	3.175(1/8)					
- 3.18	△	3.18					
- 3.19	△	3.19					
- 3.2	△	3.2					
- 3.21	△	3.21					
- 3.22	△	3.22					
- 3.23	△	3.23					
- 3.24	△	3.24					
- 3.25	△	3.25					
- 3.26	△	3.26	60	4	4.4	18	35
- 3.27	△	3.27					
- 3.28	△	3.28					
- 3.29	△	3.29					
- 3.3	△	3.3					
- 3.31	△	3.31					
- 3.32	△	3.32					
- 3.33	△	3.33					
- 3.34	△	3.34					
- 3.35	△	3.35					
- 3.36	△	3.36	60	4	4.4	18	35
- 3.37	△	3.37					

★PL means chamfering length to φDC.

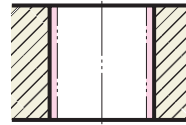
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NIKKEN CARBIDE MILL REAMER



HMS

Mill Reamer (Straight Shank)



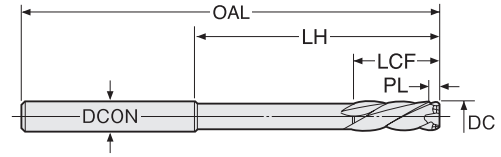
Explanation of the Code No.

HMS - **5.0**

DIAMETER

MILLREAMER SERIES

HMS : STRAIGHT SHANK FOR THROUGH HOLE



MILLING BLADE

LH-HELIX 30-35°

P.135

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 3.38	△	3.38					
- 3.39	△	3.39	60	4	4.4	18	35
- 3.4	△	3.4					
- 3.41	△	3.41					
- 3.42	△	3.42					
- 3.43	△	3.43					
- 3.44	△	3.44					
- 3.45	△	3.45	60	4	4.4	18	35
- 3.46	△	3.46					
- 3.47	△	3.47					
- 3.48	△	3.48					
- 3.49	△	3.49					
- 3.5	△	3.5					
- 3.51	△	3.51					
- 3.52	△	3.52					
- 3.53	△	3.53					
- 3.54	△	3.54					
- 3.55	△	3.55	60	4	4.4	18	35
- 3.56	△	3.56					
- 3.57	△	3.57					
- 3.58	△	3.58					
- 3.59	△	3.59					
- 3.6	△	3.6					
- 3.61	△	3.61					
- 3.62	△	3.62					
- 3.63	△	3.63					
- 3.64	△	3.64					
- 3.65	△	3.65	60	4	4.4	18	35
- 3.66	△	3.66					
- 3.67	△	3.67					
- 3.68	△	3.68					
- 3.69	△	3.69					
- 3.7	△	3.7					
- 3.71	△	3.71					
- 3.72	△	3.72					
- 3.73	△	3.73					
- 3.74	△	3.74					
- 3.75	△	3.75	60	4	4.8	18	35
- 3.76	△	3.76					
- 3.77	△	3.77					
- 3.78	△	3.78					
- 3.79	△	3.79					
- 3.8	△	3.8					
- 3.81	△	3.81					
- 3.82	△	3.82					
- 3.83	△	3.83					
- 3.84	△	3.84					
- 3.85	△	3.85	60	4	4.8	18	35
- 3.86	△	3.86					
- 3.87	△	3.87					
- 3.88	△	3.88					
- 3.89	△	3.89					
- 3.9	△	3.9					
- 3.91	△	3.91					
- 3.92	△	3.92					
- 3.93	△	3.93	60	4	4.8	18	35
- 3.94	△	3.94					
- 3.95	△	3.95					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 3.96	△	3.96					
- 3.97	△	3.97	60	4	4.8	18	35
- 3.98	△	3.98					
- 3.99	△	3.99					
- 4.0	●	4.0					
- 4.01	△	4.01					
- 4.02	△	4.02					
- 4.03	△	4.03					
- 4.04	△	4.04					
- 4.05	△	4.05	60	4	4.8	18	35
- 4.06	△	4.06					
- 4.07	△	4.07					
- 4.08	△	4.08					
- 4.09	△	4.09					
- 4.1	△	4.1					
- 4.11	△	4.11					
- 4.12	△	4.12					
- 4.13	△	4.13					
- 4.14	△	4.14					
- 4.15	△	4.15	60	4	4.8	18	35
- 4.16	△	4.16					
- 4.17	△	4.17					
- 4.18	△	4.18					
- 4.19	△	4.19					
- 4.2	△	4.2					
- 4.21	△	4.21					
- 4.22	△	4.22					
- 4.23	△	4.23					
- 4.24	△	4.24	75	5	4.8	22	45
- 4.25	△	4.25					
- 4.26	△	4.26					
- 4.27	△	4.27					
- 4.28	△	4.28					
- 4.29	△	4.29					
- 4.3	△	4.3					
- 4.31	△	4.31					
- 4.32	△	4.32					
- 4.33	△	4.33					
- 4.34	△	4.34					
- 4.35	△	4.35	75	5	4.8	22	45
- 4.36	△	4.36					
- 4.37	△	4.37					
- 4.38	△	4.38					
- 4.39	△	4.39					
- 4.4	△	4.4					
- 4.41	△	4.41					
- 4.42	△	4.42					
- 4.43	△	4.43					
- 4.44	△	4.44					
- 4.45	△	4.45	75	5	4.8	22	45
- 4.46	△	4.46					
- 4.47	△	4.47					
- 4.48	△	4.48					
- 4.49	△	4.49					
- 4.5	△	4.5					
- 4.51	△	4.51	75	5	4.8	22	45
- 4.52	△	4.52					
- 4.53	△	4.53					

CARBIDE FOR THROUGH HOLE



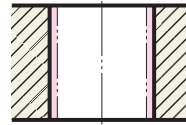
★PL means chamfering length to ΦDC.

NIKKEN CARBIDE MILL REAMER



HMS

Mill Reamer (Straight Shank)



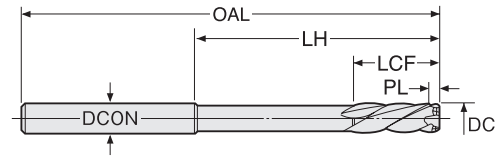
Explanation of the Code No.

HMS - **5.0**

DIAMETER

MILLREAMER SERIES

HMS : STRAIGHT SHANK FOR THROUGH HOLE



MILLING BLADE

LH-HELIX 30-35°

P.135

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 4.54	△	4.54	75	5	4.8	22	45
- 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	75	5	4.8	22	45
- 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	75	5	4.8	22	45
- 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	75	5	4.8	22	45
- 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	75	5	4.8	22	45
- 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	75	5	4.8	2	45
- 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					
- 5.09	△	5.09					
- 5.1	△	5.1					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 5.11	△	5.11	75	5	4.8	22	45
- 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	100	6	5.1	25	65
- 5.19	△	5.19					
- 5.2	△	5.2					
- 5.21	△	5.21					
- 5.22	△	5.22					
- 5.23	△	5.23					
- 5.24	△	5.24					
- 5.25	△	5.25	100	6	5.1	25	65
- 5.26	△	5.26					
- 5.27	△	5.27					
- 5.28	△	5.28					
- 5.29	△	5.29					
- 5.3	△	5.3					
- 5.31	△	5.31					
- 5.32	△	5.32	100	6	5.1	25	65
- 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	100	6	5.1	25	65
- 5.41	△	5.41					
- 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	100	6	5.1	25	65
- 5.49	△	5.49					
- 5.5	●	5.5					
- 5.51	△	5.51					
- 5.52	△	5.52					
- 5.53	△	5.53					
- 5.54	△	5.54					
- 5.55	△	5.55					
- 5.56	△	5.56	100	6	5.1	25	65
- 5.57	△	5.57					
- 5.58	△	5.58					
- 5.59	△	5.59					
- 5.6	△	5.6					
- 5.61	△	5.61					
- 5.62	△	5.62					
- 5.63	△	5.63					
- 5.64	△	5.64	100	6	5.1	25	65
- 5.65	△	5.65					
- 5.66	△	5.66					
- 5.67	△	5.67					
- 5.68	△	5.68					

★PL means chamfering length to ΦDC.

Next page >>>>

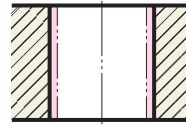
CARBIDE FOR THROUGH HOLE

NIKKEN CARBIDE MILL REAMER



HMS

Mill Reamer (Straight Shank)



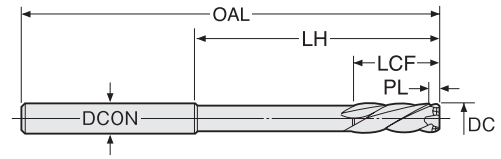
Explanation of the Code No.

HMS - **5.0**

DIAMETER

MILLREAMER SERIES

HMS : STRAIGHT SHANK FOR THROUGH HOLE



MILLING BLADE

LH-HELIX 30-35°

P.135

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 5.69	△	5.69	100	6	5.1	25	65
- 5.7	△	5.70					
- 5.71	△	5.71					
- 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	100	6	5.4	25	65
- 5.82	△	5.82					
- 5.83	△	5.83					
- 5.84	△	5.84					
- 5.85	△	5.85					
- 8.86	△	8.86					
- 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					
- 5.95	△	5.95	100	6	5.4	25	65
- 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					
- 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	100	6	5.4	25	65
- 6.12	△	6.12					
- 6.13	△	6.13					
- 6.14	△	6.14					
- 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					
- 6.23	△	6.23					
- 6.24	△	6.24					
- 6.25	△	6.25					
- 6.26	△	6.26					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 6.27	△	6.27	110	8	5.6	25	70
- 6.28	△	6.28					
- 6.29	△	6.29					
- 6.3	△	6.3					
- 6.31	△	6.31					
- 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	110	8	5.6	25	70
- 6.41	△	6.41					
- 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					
- 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	110	8	5.6	25	70
- 6.61	△	6.61					
- 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					
- 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	110	8	6.0	25	70
- 6.81	△	6.81					
- 6.82	△	6.82					
- 6.83	△	6.83					
- 6.84	△	6.84					

★PL means chamfering length to ΦDC.

Next page >>>>

CARBIDE FOR THROUGH HOLE

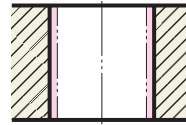


NIKKEN CARBIDE MILL REAMER



HMS

Mill Reamer (Straight Shank)



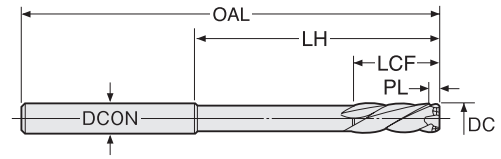
Explanation of the Code No.

HMS - **5.0**

DIAMETER

MILLREAMER SERIES

HMS : STRAIGHT SHANK FOR THROUGH HOLE



MILLING BLADE

LH-HELIX 30-35°

P.135

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 6.85	△	6.85	110	8	6.0	25	70
- 6.86	△	6.86					
- 6.87	△	6.87					
- 6.88	△	6.88					
- 6.89	△	6.89					
- 6.9	△	6.9					
- 6.91	△	6.91	110	8	6.0	25	70
- 6.92	△	6.92					
- 6.93	△	6.93					
- 6.94	△	6.94					
- 6.95	△	6.95					
- 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	110	8	6.0	25	70
- 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					
- 7.11	△	7.11					
- 7.12	△	7.12					
- 7.13	△	7.13	110	8	6.0	25	70
- 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					
- 7.22	△	7.22					
- 7.23	△	7.23	125	8	6.4	25	85
- 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	125	8	6.4	25	85
- 7.34	△	7.34					
- 7.35	△	7.35					
- 7.36	△	7.36					
- 7.37	△	7.37					
- 7.38	△	7.38					
- 7.39	△	7.39					
- 7.4	△	7.4					
- 7.41	△	7.41					
- 7.42	△	7.42					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 7.43	△	7.43	125	8	6.4	25	85
- 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					
- 7.52	△	7.52					
- 7.53	△	7.53	125	8	6.4	25	85
- 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					
- 7.62	△	7.62					
- 7.63	△	7.63	125	8	6.4	25	85
- 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					
- 7.72	△	7.72					
- 7.73	△	7.73	125	8	6.6	25	85
- 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					
- 7.82	△	7.82					
- 7.83	△	7.83	125	8	6.6	25	85
- 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					
- 7.92	△	7.92					
- 7.93	△	7.93					
- 7.938	△	7.938(5/16)					
- 7.94	△	7.94	125	8	6.6	25	85
- 7.95	△	7.95					
- 7.96	△	7.96					
- 7.97	△	7.97					
- 7.98	△	7.98					
- 7.99	△	7.99					

★PL means chamfering length to ΦDC.

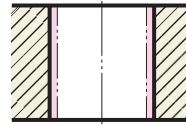
Next page >>>>

NIKKEN CARBIDE MILL REAMER

NIKKEN

HMS

Mill Reamer (Straight Shank)



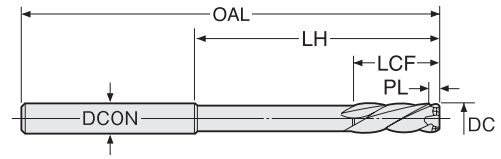
Explanation of the Code No.

HMS - 5.0

DIAMETER

MILLREAMER SERIES

HMS : STRAIGHT SHANK FOR THROUGH HOLE



MILLING BLADE

LH-HELIX 30-35°

P.135

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 8.0	●	8.0	125	8	6.6	25	85
- 8.01	△	8.01	125	8	6.6	25	85
- 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	125	8	6.6	25	85
- 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	135	10	6.8	25	90
- 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	135	10	6.8	25	90
- 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	135	10	6.8	25	90
- 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	135	10	6.8	25	90
- 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	135	10	6.8	25	90
- 8.56	△	8.56					
- 8.57	△	8.57					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 8.58	△	8.58	135	10	6.8	25	90
- 8.59	△	8.59					
- 8.6	△	8.6					
- 8.61	△	8.61	135	10	6.8	25	90
- 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	135	10	7.0	25	90
- 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	135	10	7.0	25	90
- 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	135	10	7.0	25	90
- 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	135	10	7.0	25	90
- 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	135	10	7.0	25	90
- 9.09	△	9.09					
- 9.1	△	9.1					
- 9.11	△	9.11					
- 9.12	△	9.12					
- 9.13	△	9.13					
- 9.14	△	9.14					
- 9.15	△	9.15					

CARBIDE FOR THROUGH HOLE



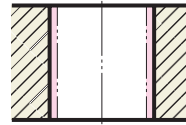
★PL means chamfering length to ΦDC.

NIKKEN CARBIDE MILL REAMER



HMS

Mill Reamer (Straight Shank)



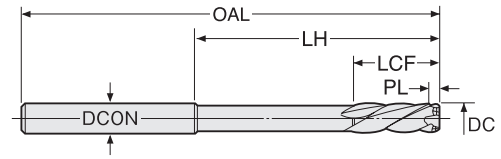
Explanation of the Code No.

HMS - **5.0**

DIAMETER

MILLREAMER SERIES

HMS : STRAIGHT SHANK FOR THROUGH HOLE



MILLING BLADE

LH-HELIX 30-35°

P.135

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 9.16	△	9.16	135	10	7.0	25	100
- 9.17	△	9.17					
- 9.18	△	9.18					
- 9.19	△	9.19					
- 9.2	△	9.2					
- 9.21	△	9.21					
- 9.22	△	9.22	150	10	7.1	29	100
- 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	150	10	7.1	29	100
- 9.35	△	9.35					
- 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					
- 9.46	△	9.46	150	10	7.1	29	100
- 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					
- 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					
- 9.66	△	9.66					
- 9.67	△	9.67					
- 9.68	△	9.68					
- 9.69	△	9.69					
- 9.7	△	9.7					
- 9.71	△	9.71					
- 9.72	△	9.72					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS- 9.73	△	9.73	150	10	7.2	29	100
- 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					
- 9.82	△	9.82					
- 9.83	△	9.83					
- 9.84	△	9.84					
- 9.85	△	9.85	150	10	7.2	29	100
- 9.86	△	9.86					
- 9.87	△	9.87					
- 9.88	△	9.88					
- 9.89	△	9.89					
- 9.9	△	9.9					
- 9.91	△	9.91					
- 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					
-10.02	△	10.02					
-10.03	△	10.03					
-10.04	△	10.04					
-10.05	△	10.05	150	10	7.2	29	100
-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					
-10.9	△	10.9					
-10.97	△	10.97					
-10.98	△	10.98					
-10.99	△	10.99					
-11.0	●	11.0					
-11.01	△	11.01					
-11.02	△	11.02					
-11.03	△	11.03					
-11.04	△	11.04					
-11.05	△	11.05					
-11.1	△	11.1					
-11.113	△	11.113(7/16)					
-11.2	△	11.2					
-11.3	△	11.3					
-11.4	△	11.4					
-11.5	●	11.5					
-11.6	△	11.6					

★PL means chamfering length to ΦDC.

Next page >>>

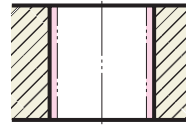
CARBIDE FOR THROUGH HOLE

NIKKEN CARBIDE MILL REAMER



HMS

Mill Reamer (Straight Shank)



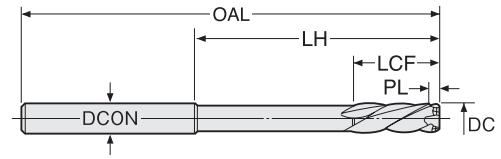
Explanation of the Code No.

HMS - **5.0**

DIAMETER

MILLREAMER SERIES

HMS : STRAIGHT SHANK FOR THROUGH HOLE



MILLING BLADE

LH-HELIX 30-35°

P.135

*See P.4 for icons.

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

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS-11.7	△	11.7	160	12	7.9	29	105
-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	165	12	7.9	29	110
-12.02	△	12.02					
-12.03	△	12.03					
-12.04	△	12.04					
-12.05	△	12.05					
-12.1	△	12.1					
-12.2	△	12.2	165	12	8.2	29	110
-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	165	12	8.2	29	110
-12.9	△	12.9					
-12.97	△	12.97					
-12.98	△	12.98					
-12.99	△	12.99					
-13.0	●	13.0					
-13.01	△	13.01	165	12	8.2	29	110
-13.02	△	13.02					
-13.03	△	13.03					
-13.04	△	13.04					
-13.05	△	13.05					
-13.1	△	13.1					
-13.2	△	13.2	170	16	8.2	29	115
-13.3	△	13.3					
-13.4	△	13.4					
-13.5	●	13.5					
-13.6	△	13.6					

Code No.	STOCK	DC H7	OAL	DCON	PL	LCF	LH
HMS-13.7	△	13.7	170	16	8.2	29	115
-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	170	16	9.0	29	115
-14.02	△	14.02					
-14.03	△	14.03					
-14.04	△	14.04					
-14.05	△	14.05					
-14.5	△	14.5					
-15.0	△	15.0	180	16	9.0	29	120
-15.5	△	15.5					
-15.875	△	15.875(5/8)					
-16.0	△	16.0					
-16.5	△	16.5					
-17.0	△	17.0					
-17.5	△	17.5	195	20	9.4	30	130
-18.0	△	18.0					
-18.5	△	18.5					
-19.0	△	19.0					
-19.05	△	19.05(3/4)					
-19.5	△	19.5					
-20.0	△	20.0	205	20	9.8	30	140
-21.0	△	21.0					
-22.0	△	22.0					
-23.0	△	23.0					
-24.0	△	24.0					
-25.0	△	25.0					
-26.0	△	26.0	230	25	11.3	33.5	160
-27.0	△	27.0					
-28.0	△	28.0					
-29.0	△	29.0					
-30.0	△	30.0					

★PL means chamfering length to φDC.

CARBIDE FOR THROUGH HOLE

