

THREAD MILLS



MC-CSLC

MC-1

MC-HLC

MC-4

MC-CSLC

Carbide Thread Mills for Metric Internal Threads

Specification

HF

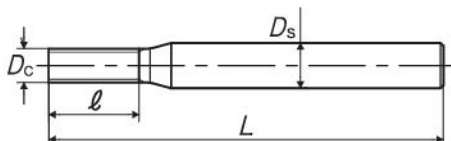
Coating

For icon explanation, refer to P.24

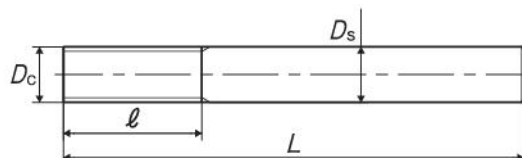


■MC-CSLC is the tool cutting threads by using helical interpolating process. One MC-CSLC can produce internal threads of different diameter, both right hand threads and left hand threads, as far as the thread pitch is same.

TYPE:1



TYPE:2



Segment : 1L

Tool No.	Code	Outside diameter Dc (mm)	Pitch (mm)	L (mm)	l (mm)	Ds (mm)	No. of flutes	Min.size	Type	Stock
For Metric Threads										
035083N080M	CSLCN3.5K	3.5	0.8	50	8	6	3	5	1	△
035083N075M	CSLCN3.5J	3.5	0.75	50	8	6	3	5	1	△
040123N100M	CSLCN4.0M	4	1	60	12	6	3	6	1	△
060163N125M	CSLCN6.0N	6	1.25	70	16	8	3	8	1	○
060163N100M	CSLCN6.0M	6	1	70	16	8	3	8	1	○
060163N050M	CSLCN6.0G	6	0.5	70	16	8	3	8	1	○
075203N150M	CSLCN7.5O	7.5	1.5	70	20	8	3	10	2	○
075203N125M	CSLCN7.5N	7.5	1.25	70	20	8	3	10	2	△
080203N100M	CSLCN8.0M	8	1	70	20	8	3	12	2	△
080203N050M	CSLCN8.0G	8	0.5	70	20	8	3	12	2	△
090244N175M	CSLCN9.0P	9	1.75	90	24	10	4	12	2	○
090244N125M	CSLCN9.0N	9	1.25	90	24	10	4	12	2	○
100254N200M	CSLCN010Q	10	2	90	25	10	4	14	2	○
100254N150M	CSLCN010O	10	1.5	90	25	10	4	14	2	○
100254N100M	CSLCN010M	10	1	90	25	10	4	14	2	○
100254N050M	CSLCN010G	10	0.5	90	25	10	4	14	2	○
120304N200M	CSLCN012Q	12	2	100	30	12	4	17	2	○
120304N150M	CSLCN012O	12	1.5	100	30	12	4	17	2	○
120304N100M	CSLCN012M	12	1	100	30	12	4	17	2	○
160404N250M	CSLCN016R	16	2.5	110	40	16	4	23	2	○
160404N200M	CSLCN016Q	16	2	110	40	16	4	23	2	○
160404N150M	CSLCN016O	16	1.5	110	40	16	4	23	2	○
200505N300M	CSLCN020S	20	3	140	50	20	5	28	2	○
200505N200M	CSLCN020Q	20	2	140	50	20	5	28	2	○
200505N150M	CSLCN020O	20	1.5	140	50	20	5	28	2	○

Outside dia.	Overall length	Cut length	Shank dia.
Dc	L	ℓ	Ds

MC-CSLC

Carbide Thread Mills for Taper Pipe Threads

Specification

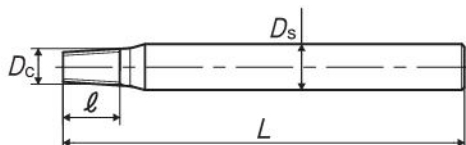
HF

Coating

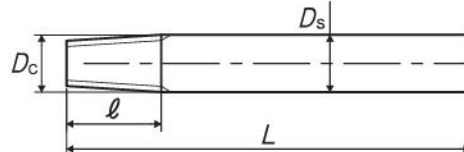
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■MC-CSLC is the tool cutting threads by using helical interpolating process. One MC-CSLC can produce external and internal threads of different diameter, and both right hand threads and left hand threads, as far as the thread pitch is same.

TYPE:1



TYPE:2



Segment : 1L

Tool No.	Code	Outside diameter Dc (mm)	Number of threads	L (mm)	ℓ (mm)	Ds (mm)	No. of flutes	Processable thread size	Type	Stock
For PT Threads										
065103X28R	CSLCX6.5KR	6.5	28	70	10	8	3	1/8	1	○
080153X19R	CSLCX8.0-R	8	19	70	15	8	3	1/4 · 3/8	2	○
120204X14R	CSLCX012QR	12	14	80	20	12	4	1/2 · 3/4	2	○
160264X11R	CSLCX016UR	16	11	90	26	16	4	1 ~	2	○
200305X11R	CSLCX020UR	20	11	110	30	20	5	1 ~	2	○

Spiral Fluted Taps
(for blind hole)

Spiral Fluted Taps
(for through hole)

Spiral Fluted Taps
(for through hole)

Hand Taps
Spiral Pointed Taps
(for through hole)

Cemented
Carbide Taps

Roll Taps

Special Thread Taps
Simple Inspection Tools

Pipe Taps

Thread Mills

Dies

Center Drills

Centering Tools

MC-CSLC

Carbide Thread Mills for Parallel Pipe Threads

Specification

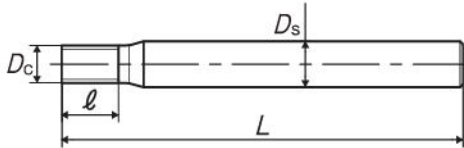
HF

Coating

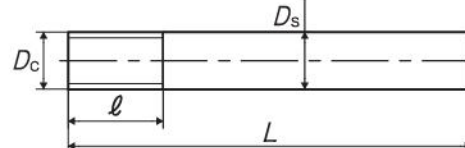
For icon explanation, refer to P.24

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TYPE:1



TYPE:2



Segment : 1L

Tool No.	Code	Outside diameter Dc (mm)	Number of threads	L (mm)	l (mm)	Ds (mm)	No. of flutes	Processable thread size	Type	Stock
For PF Threads										
065103X28G	CSLCX6.5KG	6.5	28	70	10	8	3	1/8	1	○
080153X19G	CSLCX8.0-G	8	19	70	15	8	3	1/4 · 3/8	2	○
120204X14G	CSLCX012QG	12	14	80	20	12	4	1/2 · 3/4	2	○
160264X11G	CSLCX016UG	16	11	90	26	16	4	1 ~	2	○
200305X11G	CSLCX020UG	20	11	110	30	20	5	1 ~	2	○



YAMAWA

Outside dia.	Overall length	Cut length	Shank dia.
Dc	L	ℓ	Ds

MC-HLC

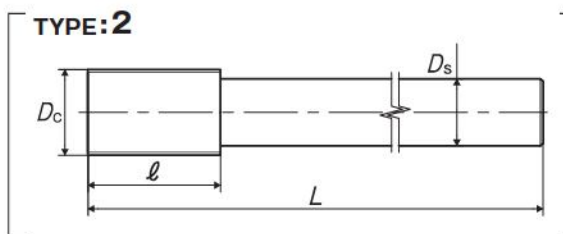
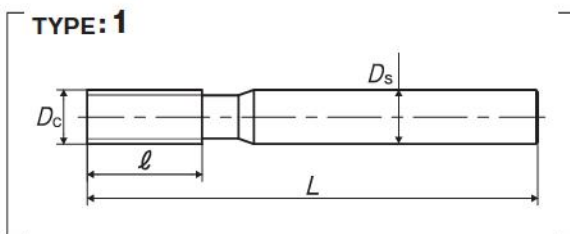
Thread Mills for Metric Internal Threads

Specification



For icon explanation, refer to P.24

■MC-HLC is the tool cutting threads by using helical interpolating process. One MC-HLC can produce internal threads of different diameter, both right hand threads and left hand threads, as far as the thread pitch is same.



Segment : 57

Tool No.	Code	Outside diameter Dc (mm)	Pitch (mm)	L (mm)	ℓ (mm)	Ds (mm)	No. of flutes	Min.size	Type	Stock
For Metric Threads										
10204N150M	HLCN0100	10	1.5	90	20	10	4	14	1	△
10204N100M	HLCN010M	10	1	90	20	10	4	14	1	△
12254N200M	HLCN012Q	12	2	100	25	12	4	17	1	△
12254N150M	HLCN0120	12	1.5	100	25	12	4	17	1	△
12254N100M	HLCN012M	12	1	100	25	12	4	17	1	△
16304N250M	HLCN016R	16	2.5	110	30	16	4	23	1	△
16304N200M	HLCN016Q	16	2	110	30	16	4	23	1	△
16304N150M	HLCN0160	16	1.5	110	30	16	4	23	1	△
16304N100M	HLCN016M	16	1	110	30	16	4	23	1	△
20505N350M	HLCN020T	20	3.5	140	50	20	5	28	1	△
20505N300M	HLCN020S	20	3	140	50	20	5	28	1	△
20505N200M	HLCN020Q	20	2	140	50	20	5	28	1	△
20505N150M	HLCN0200	20	1.5	140	50	20	5	28	1	△
20505N100M	HLCN020M	20	1	140	50	20	5	28	1	△
25506N350M	HLCN025T	25	3.5	160	50	20	6	36	2	△
25506N300M	HLCN025S	25	3	160	50	20	6	36	2	△
25506N200M	HLCN025Q	25	2	160	50	20	6	36	2	△
25506N150M	HLCN0250	25	1.5	160	50	20	6	36	2	△
25506N100M	HLCN025M	25	1	160	50	20	6	36	2	△
32506N300M	HLCN032S	32	3	200	50	25	6	45	2	△
32506N200M	HLCN032Q	32	2	200	50	25	6	45	2	△
32506N150M	HLCN0320	32	1.5	200	50	25	6	45	2	△

MC-HLC

Thread Mills for Taper Pipe Threads

Specification

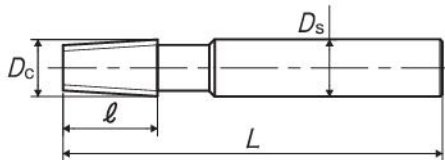


For icon explanation, refer to P.24

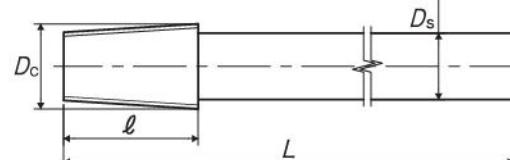


■MC-HLC is the tool cutting threads by using helical interpolating process. One MC-HLC can produce external and internal threads of different diameter, and both right hand threads and left hand threads, as far as the thread pitch is same.

TYPE:1



TYPE:2



Segment : 57

Tool No.	Code	Outside diameter Dc (mm)	Number of threads	L (mm)	l (mm)	Ds (mm)	No. of flutes	Processable thread size	Type	Stock
For PT Threads										
10154X19R	HLCX010-R	10	19	70	15	10	4	3/8	1	△
12204X14R	HLCX012QR	12	14	80	20	12	4	1/2 · 3/4	1	△
20305X11R	HLCX020UR	20	11	100	30	20	5	1 ~ 2	1	△
32506X11R	HLCX032UR	32	11	200	50	25	6	2 1/2 ~ 6	2	△

Spiral Fluted Taps
(for blind hole)

Spiral Fluted Taps
(for through hole)

Spiral Pointed Taps
(for through hole)

Hand Taps

Cemented
Carbide Taps

Roll Taps

Special Thread Taps
Simple Inspection Tools

Pipe Taps

Thread Mills

Dies

Center Drills

Centering Tools

Outside dia.	Overall length	Cut length	Shank dia.
Dc	L	ℓ	Ds

MC-HLC

Thread Mills for Parallel Pipe Threads

Specification

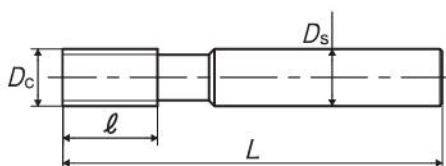


For icon explanation, refer to P.24

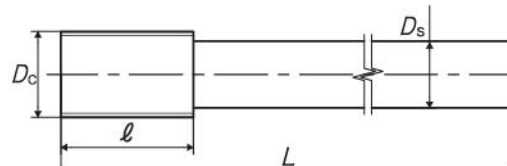


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Segment : 57

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For PF Threads										
10154X19G	HLCX010-G	10	19	70	15	10	4	3/8	1	△
12204X14G	HLCX012QG	12	14	80	20	12	4	1/2 · 3/4	1	△
20305X11G	HLCX020UG	20	11	100	30	20	5	1 ~ 2	1	△
32506X11G	HLCX032UG	32	11	200	50	25	6	2 1/2 ~ 6	2	△

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