

Cutter dia.	Overall length	Thread length	Shank dia.
Dc	L	ℓ	Ds

JIS

① Spiral Fluted Taps
(for blind hole)

② Spiral Fluted Taps
(for through hole)

③ Spiral Pointed Taps
(for through hole)

④ Hand Taps

⑤ Cemented Carbide Taps

⑥ Roll Taps

⑦ Special Thread Taps
Simple inspection tools

⑧ Pipe Taps

⑨ Thread Mills
Premium Thread Mills

Dies

⑩

⑪ Center Drills
Centering Tools

⑫ Precision Machinery/
Medical Surgical Instruments

JIS

⑨-9

JIS

MC-CSLC

Carbide Thread Mills for Taper Pipe Threads



Specification



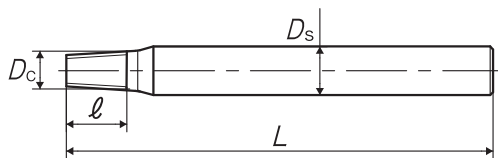
■MC-CSLC is the tool cutting threads by using helical interpolating process. One MC-CSLC can produce external and internal threads of different diameter, and both right hand threads and left hand threads, as far as the thread pitch is same.

Tapping Speeds depending on Materials

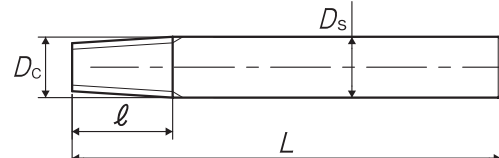
High carbon steels 高炭素鋼 50~120 (m/min)	Alloy steels 合金鋼 30~80 (m/min)	Thermal refined steels 調質鋼 30~60 (m/min)	Stainless steels ステンレス鋼 30~100 (m/min)	Tool steels 工具鋼 30~60 (m/min)	Cast irons 鑄鉄 50~120 (m/min)	Brass 黄銅 50~120 (m/min)	Aluminum alloy castings アルミ合金鑄物 60~150 (m/min)
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25~35HRC

TYPE: 1



TYPE: 2



Segment : 1L

Tool No.	Code	Cutter diameter Dc (mm)	Number of threads	L (mm)	ℓ (mm)	Ds (mm)	No. of flutes	Processable thread size	TYPE	MSRP
For PT Threads										
065103X28R	CSLCX6.5KR	6.5	28	70	10	8	3	1/8	1	¥ 70,200
080153X19R	CSLCX8.0-R	8	19	70	15	8	3	1/4 · 3/8	2	¥ 78,800
120204X14R	CSLCX012QR	12	14	80	20	12	4	1/2 · 3/4	2	¥ 115,000
160264X11R	CSLCX016UR	16	11	90	26	16	4	1 ~	2	¥ 161,000
200305X11R	CSLCX020UR	20	11	110	30	20	5	1 ~	2	¥ 240,000

• For the details of how to use thread mills, please refer to Technical information P.72 to P.78.