Coromant Capto®
Machine Adapted Clamping Units
For Nakamura-Tome CNC lathes

For machines:
- SC250M, SC200L
- WT-100, WT-150, WTS-150, WT-250II, WT-300, WTW-150, TW-10, TW-20 (12 stations)
- Super NTJX, Super NTM³, Super NTJ, Super NTX, Super NTY³
**Manually operated**

Style: Left hand clamping unit (Coromant Capto sleeve orientation)

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**Coromant Capto Standard Program**

**Static toolholders**

- OD clamping unit
  - C3-R/LCE-NAK010-055060
  - C4-R/LCE-NAK010-065050M

- OD clamping unit, both sides
  - C3-R/LCE-NAK010-055060DT1)
  - C4-R/LCE-NAK010-065050MDT1)

- Face and ID clamping unit
  - C3-R/LCI-NAK010-075020
  - C4-R/LCI-NAK010-075015

Ordering example:
- C3-RCE-NAK010-055060 (right hand unit)
- C3-LCE-NAK010-055060 (left hand unit)

**Driven toolholders**

- OD drill/milling unit
  - C3-DTE-NAK010-000056
  - C3-DTE-NAK010-000056I *

- Face drill/milling unit, L2=65
  - C3-DTI-NAK010-065050
  - C3-DTI-NAK010-065050I **

- Face drill/milling unit, both sides, L2=65
  - C3-DTI-NAK010-065055DT1)

Suggested collet chuck adapter for Coromant Capto to maximize tool projection

- Collet chuck adapter, short
  - C3-391.14-20 036 ER20

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1) Units for SC-250M only

Ratio 1:1

* Internal and external coolant supply - Do not run without coolant. Only use filtered coolant fluid (max. particle size = 100 µm)
  Max. coolant pressure = 435 PSI (30 bar)
  
Do not use for machining abrasive materials such as cast iron, etc.

** Internal and external coolant supply - Do not run without coolant. Only use filtered coolant fluid (max. particle size = 100 µm)
  Max. coolant pressure = 1160 PSI (80 bar)
  
Do not use for machining abrasive materials such as cast iron, etc.
Coromant Capto Standard Program

Static toolholders

OD clamping unit
C3-R/LCE-NAK010-055060
C4-R/LCE-NAK010-065050M

OD clamping unit, both sides
C3-R/LCE-NAK010-055060DT
C4-R/LCE-NAK010-065050MDT

OD clamping unit, double half index
C3-R/LCE-NAK010-060060TT

OD clamping unit, double half index, both sides
C3-R/LCE-NAK010-060060DTT

Face and ID clamping unit
C3-R/LCI-NAK010-075020
C4-R/LCI-NAK010-075015

Face and ID clamping unit, double half index
C3-R/LCI-NAK010-082020TT

Face and ID clamping unit, double half index, both sides
C3-R/LCI-NAK010-082059DTT

Ordering example:
C3-RCE-NAK010-055060 (right hand unit)
C3-LCE-NAK010-055060 (left hand unit)

Driven toolholders

OD drill/milling unit
C3-DTE-NAK010-000056
C3-DTE-NAK010-000056I *

Face drill/milling unit, L2-65
C3-DTI-NAK010-065050
C3-DTI-NAK010-065050I **

Face drill/milling unit, both sides, L2-65
C3-DTI-NAK010-065055DT

Suggested collet chuck adapter for Coromant Capto to maximize tool projection
Collet chuck adapter, short
C3-391.14-20 036 ER20

Ratio = 1:1
* Internal and external coolant supply - Do not run without coolant.
Only use filtered coolant fluid (max. particle size = 100 µm)
Max. coolant pressure = 435 PSI (30 bar)
Do not use for machining abrasive materials such as cast iron, etc.

** Internal and external coolant supply - Do not run without coolant.
Only use filtered coolant fluid (max. particle size = 100 µm)
Max. coolant pressure = 1160 PSI (80 bar)
Do not use for machining abrasive materials such as cast iron, etc.
Coromant Capto Standard Program

Static toolholders
- OD clamping unit
  - C4-R/LCE-NAK020-075050M
- OD clamping unit, both sides
  - C4-R/LCE-NAK020-075050MDT
- Face and ID clamping unit
  - C4-R/LCI-NAK020-090040M
- Face and ID clamping unit, back set
  - C4-R/LCI-NAK020-090005M

Ordering example:
- C4-RCE-NAK020-075050M (right hand unit)
- C4-LCE-NAK020-075050M (left hand unit)

Driven toolholders
- OD drill/milling unit
  - C4-DTE-NAK020-000062
  - C4-DTE-NAK020-000062I *
- Face drill/milling unit
  - C4-DTI-NAK020-065060I1)
  - C4-DTI-NAK020-065060I1) **
- Face drill/milling unit, both sides, L2=65
  - C4-DTI-NAK020-065070DT1)

Suggested collet chuck adapter for Coromant Capto to maximize tool projection
- Collet chuck adapter, short
  - C4-391.14-20 035 ER20
  - C4-391.14-25 038 ER25

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1) Reversable heads

Ratio = 1:1

* Internal and external coolant supply - Do not run without coolant.
  Only use filtered coolant fluid (max. particle size = 100 µm)
  Max. coolant pressure = 435 PSI (30 bar)
  ** Do not use for machining abrasive materials such as cast iron, etc.

** Internal and external coolant supply - Do not run without coolant.
  Only use filtered coolant fluid (max. particle size = 100 µm)
  Max. coolant pressure = 1160 PSI (80 bar)
  ** Do not use for machining abrasive materials such as cast iron, etc.
Manually operated
Style: Left hand clamping unit (Coromant Capto sleeve orientation)

Main spindle rotation
Left hand cutting unit

Coromant Capto Standard Program

Static toolholders

OD clamping unit
C3-R/LCE-NAK010-055060
C4-R/LCE-NAK010-065050M

OD clamping unit, both sides
C3-R/LCE-NAK010-055060DT
C4-R/LCE-NAK010-065050MDT

Face and ID clamping unit
C3-R/LCI-NAK010-085020
C4-R/LCI-NAK010-085015

Driven toolholders

OD drill/milling unit
C3-DTE-NAK010-000056
C3-DTE-NAK010-000056I*

Face drill/milling unit, L2=75
C3-DTH-NAK010-075050
C3-DTI-NAK010-075050I**

Face drill/milling unit, both sides, L2=75
C3-DTI-NAK010-075055DT

Suggested collet chuck adapter for Coromant Capto to maximize tool projection

Collet chuck adapter, short
C3-391.14-20 036 ER20

Ordering example:
C3-RCE-NAK010-055060 (right hand unit)
C3-LCE-NAK010-055060 (left hand unit)

Ratio = 1:1
* Internal and external coolant supply - Do not run without coolant.
  Only use filtered coolant fluid (max. particle size = 100 µm)
  Max. coolant pressure = 435 PSI (30 bar)

Do not use for machining abrasive materials such as cast iron, etc.

** Internal and external coolant supply - Do not run without coolant.
  Only use filtered coolant fluid (max. particle size = 100 µm)
  Max. coolant pressure = 1160 PSI (80 bar)

Do not use for machining abrasive materials such as cast iron, etc.
Nakamura NTY³, WT-100 - Static clamping unit only

Manually operated
Style: Left hand clamping unit (Coromant Capto sleeve orientation)

Main spindle rotation
Left hand cutting unit

Coromant Capto Standard Program
Static toolholders

OD clamping unit
C3-R/LCE-NAK005-047053

OD clamping unit, both sides
C3-R/LCE-NAK005-047053DT

OD clamping unit, double half index
C3-R/LCE-NAK005-051053TT

OD clamping unit, double half index, both sides
C3-R/LCE-NAK005-051053DTT

Face and ID clamping unit
C3-R/LCI-NAK005-073034

Face and ID clamping unit, double half index
C3-R/LCI-NAK005-073034TT

Suggested collet chuck adapter for Coromant Capto to maximize tool projection
Collet chuck adapter, short
C3-391.14-20 036 ER20

Ordering example:
C3-RCE-NAK005-047053 (right hand unit)
C3-LCE-NAK005-047053 (left hand unit)
Tooling packages and certificates

When you pay for a new machine, make sure it pays you back.

By reducing payback time, you reduce the time it takes for your new machine to start making your business more profitable. Sandvik Coromant offers custom tooling packages and Tooling Certificates to unleash the potential of your investment, right from the start.

Talk to your Sandvik Coromant Productivity Engineer or visit www.payback-calculator.com to learn more about paying off your new machines faster.

Why use machine adapted clamping units?

- Designed specifically for your machine
- Better performance
- Faster tool changes
- Use Coromant Capto tools for turning, milling and drilling
- Ready-equipped to channel high pressure coolant to the latest in CoroTurn HP cutting heads

To order or for more information, contact your Sandvik Coromant sales representative or authorized distributor, or call 1-800-SANDVIK (1-800-726-3845).

For clamping unit service, call the Coromant Capto Service Center at (704)714-7765.

www.coromant.sandvik.com/us

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