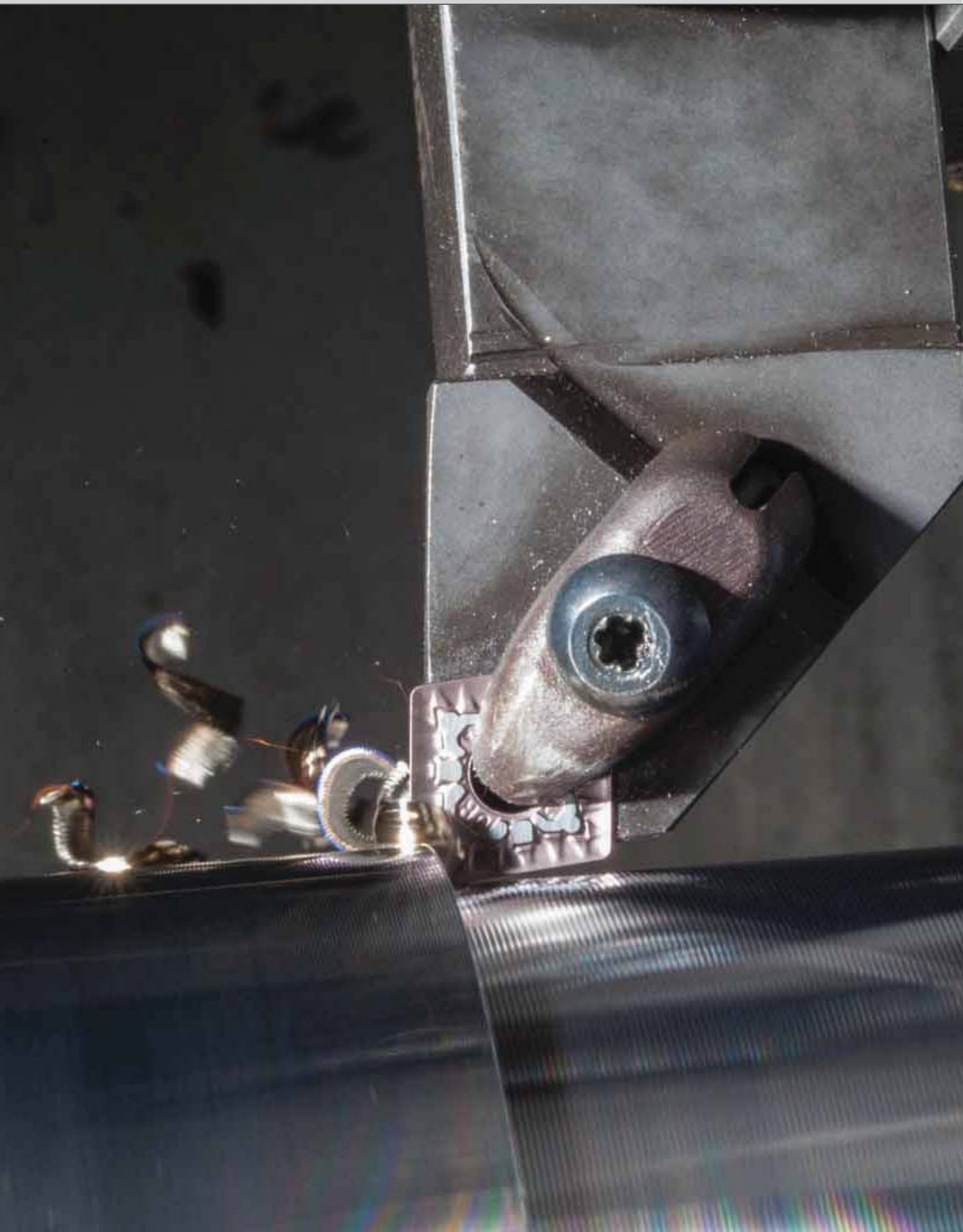




2017 Master Catalog

WIDIA  TM



Modern machining operations performed on CNC machine tools and flexible production facilities require high-performance tools that provide straightforward design and application versatility. WIDIA™ offers an extensive range of toolholders for external turning to meet even the most exacting production demands across a broad spectrum of workpiece shapes and sizes.



Tools for External Turning

Whatever your operation requirements — from light finishing cuts at very high cutting speeds to heavy roughing applications — there is a WIDIA solution to meet your needs. The complete program includes toolholders for pin-, screw-, or clamp-type holding.

D-Style Clamping

- Used for negative style inserts.
- Clamp assembly contains clamp, screw, and retaining ring.
- Quick insert indexing.
- Ensures insert repeatability and seating.
- Reduced chatter and extended tool life.

P-Style Clamping

- Lever-type clamping system for negative indexable inserts.
- No interference to chip flow.
- Fast insert changes.

P-style available in metric sizes only.



S-Style Clamping

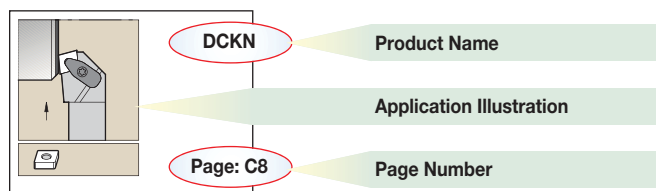
- Screw clamping system for positive indexable inserts.
- Compact design for high reliability and cost efficiency.
- Carbide shim for additional tool protection.

C-Style Clamping

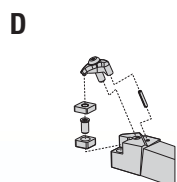
- Height-adjustable clamp permits use of additional chipbreakers.
- Universal clamping system for positive and negative flat top inserts.
- Robust engineering makes it easy to handle.
- Carbide shim for extra tool protection.



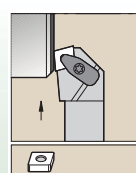
Each unique clamping system offers product options to fill your specific toolholder needs. Find the illustration that fits your application and navigate to the corresponding page to get the correct solution.



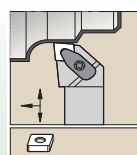
D-Style Clamping



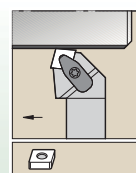
One-piece clamp assembly holder for use with negative style inserts. An extremely rigid clamping system. The tool is protected by a carbide shim.



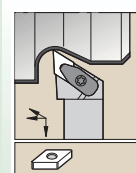
DCKN
15°
Page:
C8



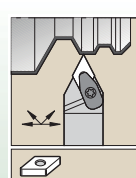
DCLN
-5°
Page:
C9



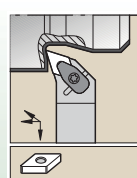
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C10



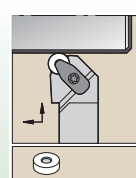
DDJN
-3°
Page:
C11



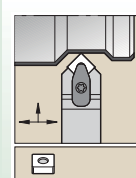
DDPN
27.5°
Page:
C12



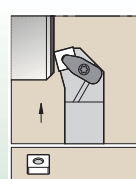
DDQN
-17.5°
Page:
C12



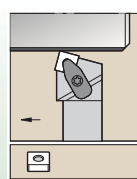
DRGN
Page:
C13



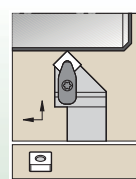
DSDN
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Page:
C13



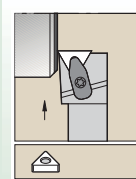
DSKN
15°
Page:
C14



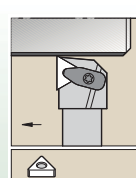
DSRN
15°
Page:
C14



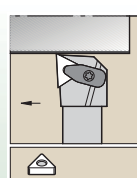
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45°
Page:
C15



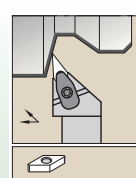
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0°
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C15



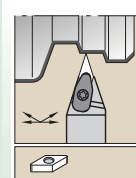
DTGN
0°
Page:
C16



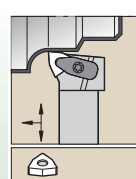
DTJN
-3°
Page:
C16



DVJN
3°
Page:
C17

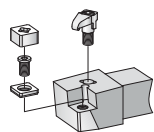


DVVN
17.5°
Page:
C18

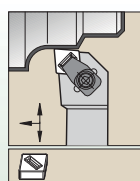


DWLN
-5°
Page:
C18

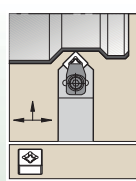
C-Style Clamping

C


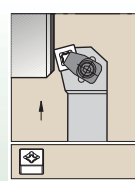
Top clamping system for negative and positive indexable inserts to DIN 4968. This universal clamping system is robust and easy to handle. Some height-adjustable clamps enable the use of additional chipbreakers. A carbide shim provides additional tool protection. Toolholders with cutting edge heights upwards of .625" and insert iCs greater than .250".



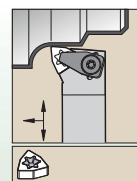
CCLN-MX
-5°
Page:
C19



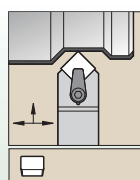
CSDN-MX
45°
Page:
C19



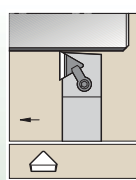
CSKN-MX
15°
Page:
C20



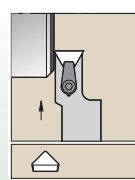
CWLN-MX
-5°
Page:
C20



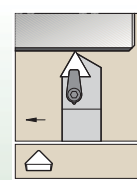
CSDP
45°
Page:
C21



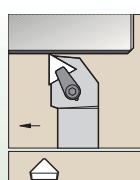
CTAP
0°
Page:
C21



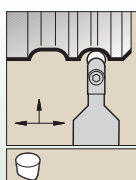
CTCF
0°
Page:
C22



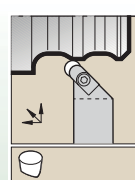
CTEP
30°
Page:
C22



CTGP
0°
Page:
C23



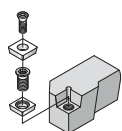
CRDP*
0°
Page:
C23



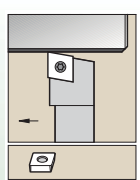
CRGP*
45°
Page:
C24

*Exact Clamping System not shown.

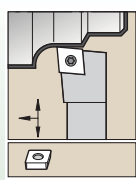
S-Style Clamping

S


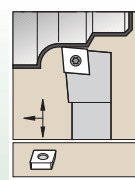
Screw clamping system for positive indexable inserts with countersunk hole to DIN 4967. Compact design using a minimum of spare parts for high reliability and cost efficiency. A carbide shim provides additional tool protection. Toolholders with cutting edge heights upwards of .625" and insert iCs from .375" are secured by means of a threaded bushing.



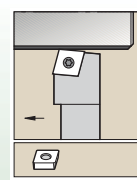
SCGP
0°
Page:
C25



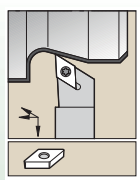
SCLC
-5°
Page:
C25



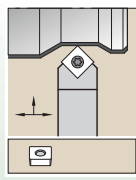
SCLP
-5°
Page:
C26



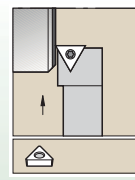
SCRIP
15°
Page:
C26



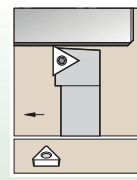
SDJC
-3°
Page:
C27



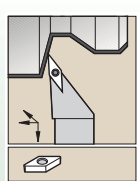
SSDC
45°
Page:
C27



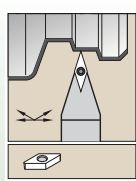
STFP
0°
Page:
C28



STGP
0°
Page:
C28



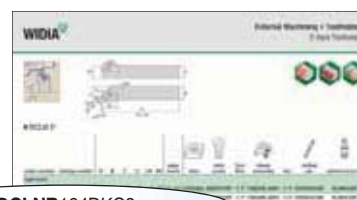
SVJB
-3°
Page:
C29



SVVB
17.5°
Page:
C29

How Do Catalog Numbers Work?

Each character in our catalog number signifies a specific trait of that product. Use the following key columns and corresponding images to easily identify which attributes apply.

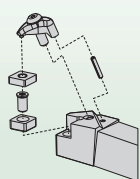


DCLNR164DKC3

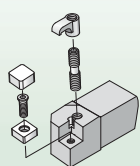
D

Insert
Holding Method

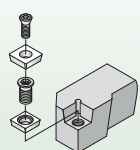
D



C

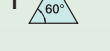
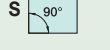


S



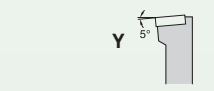
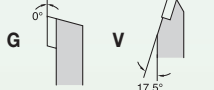
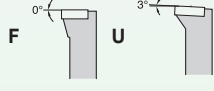
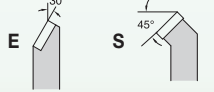
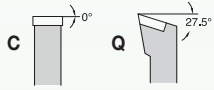
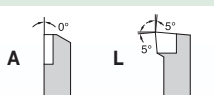
C

Insert Shape



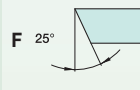
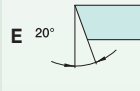
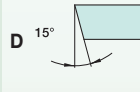
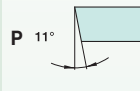
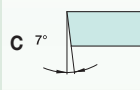
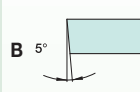
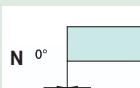
L

Tool Style or
Lead Angle



N

Insert Clearance
Angle



R

Hand of Tool

R =

Right hand

L =

Left hand

N =

Neutral

C =

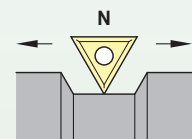
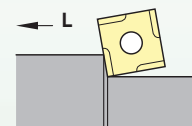
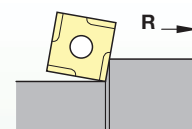
Deep pocket for
ceramic insert

S =

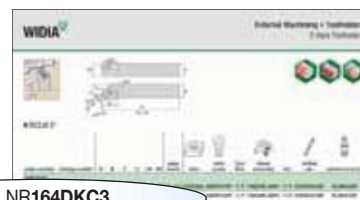
Single pocket
locating wall

F =

Straight shank,
no offset



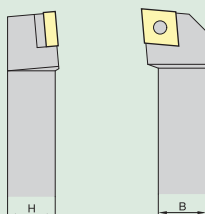
By referencing this easy-to-use guide, you can identify the correct product to meet your needs.



DCLNR164DKC3

1

Shank Dimensions



This two-digit number indicates the holder cross section.

- For shanks 5/8" square and larger, the number represents the number of sixteenths of width and height.
- For shanks under 5/8" square, the number of sixteenths of cross-section are preceded by zero.
- For rectangular holders, the first digit represents the number of eighths of width "B" and the second digit the number of quarters of height "H", except for a toolholder 1-1/4" x 1-1/2", which is given the number 91.

6

4

Insert Size

Insert iC

Number of 1/8ths of "D"

D

Qualified Surface and Length

- A** = Qualified back and end, 4" long
- B** = Qualified back and end, 4.5" long
- C** = Qualified back and end, 5" long
- D** = Qualified back and end, 6" long
- E** = Qualified back and end, 7" long
- F** = Qualified back and end, 8" long
- G*** = Qualified back and end, 5.5" long
- H*** = Qualified back and end, 5.625" long
- I*** = Qualified back and end, 3" long
- J*** = Qualified back and end, 5.3" long
- K*** = Qualified back and end, 14" long
- L*** = Qualified back and end, 6.8" long
- M** = Qualified front and end, 4" long
- N** = Qualified front and end, 4.5" long
- P** = Qualified front and end, 5" long
- R** = Qualified front and end, 6" long
- S** = Qualified front and end, 7" long
- T** = Qualified front and end, 8" long
- U*** = Qualified front and end, 5.5" long
- V*** = Qualified back and end, 3.5" long
- W*** = Qualified front and end, 3.5" long
- Y*** = Qualified back and end, 3.75" long
- Z*** = Qualified back and end, 3.250" long

* WIDIA™ standard only.

KC

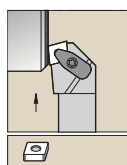
Additional Information

- R** =
Radial clearance for 4" minimum bore
- S** =
3.00 minimum bore
- KC** =
D-Style Clamping

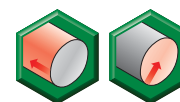
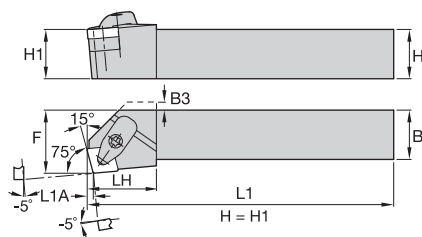
3

Insert Thickness (optional)

- 3** = .188"
- 4** = .250"

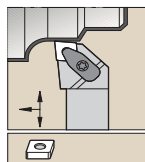


See pages B30–B46 for inserts.

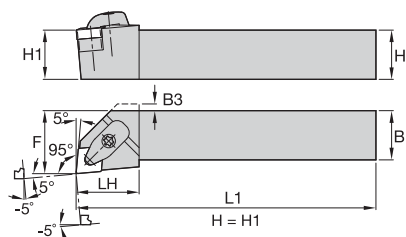


■ DCKN 15°

order number	catalog number	H	B	F	L1	LH	L1A	B3	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand															
5696521	DCKNR124BKC3	.75	.75	1.000	4.50	1.25	.122	.22	CN..432	ICSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696522	DCKNR164DKC3	1.00	1.00	1.250	6.00	1.25	.122	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696523	DCKNR204DKC3	1.25	1.25	1.500	6.00	1.25	.122	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696524	DCKNR205DKC4	1.25	1.25	1.500	6.00	1.25	.150	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5696525	DCKNR206DKC4	1.25	1.25	1.500	6.00	1.50	.183	—	CN..643	ICSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
left hand															
5696308	DCKNL164DKC3	1.00	1.00	1.250	6.00	1.25	.122	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696309	DCKNL204DKC3	1.25	1.25	1.500	6.00	1.25	.122	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696520	DCKNL205DKC4	1.25	1.25	1.500	6.00	1.25	.150	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M

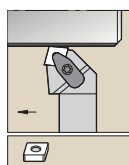


See pages B30–B46 for inserts.

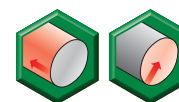
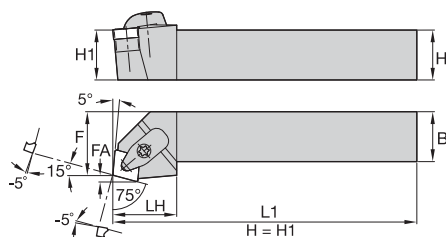


■ DCLN -5°

order number	catalog number	H	B	F	L1	LH	B3	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand														
5564318	DCLNR123BKC3	.75	.75	1.000	4.50	1.12	.06	CN..322	ICSN332	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564319	DCLNR124BKC3	.75	.75	1.000	4.50	1.25	.15	CN..432	ICSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564320	DCLNR163DKC3	1.00	1.00	1.250	6.00	1.12	—	CN..332	ICSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564321	DCLNR164DKC3	1.00	1.00	1.250	6.00	1.25	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696526	DCLNR165CKC4	1.00	1.00	1.250	5.00	1.38	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5564322	DCLNR165DKC4	1.00	1.00	1.250	6.00	1.38	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5564323	DCLNR166DKC4	1.00	1.00	1.250	6.00	1.38	—	CN..643	ICSN633	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
5564324	DCLNR204DKC3	1.25	1.25	1.500	6.00	1.25	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564325	DCLNR205DKC4	1.25	1.25	1.500	6.00	1.38	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5564326	DCLNR206DKC4	1.25	1.25	1.500	6.00	1.63	—	CN..643	ICSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
5564327	DCLNR244DKC3	1.50	1.50	2.000	6.00	1.25	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564328	DCLNR245DKC4	1.50	1.50	2.000	6.00	1.38	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5564329	DCLNR246DKC4	1.50	1.50	2.000	6.00	1.63	—	CN..643	ICSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
5564330	DCLNR246EKC4	1.50	1.50	2.000	7.00	1.63	—	CN..643	ICSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
left hand														
5564295	DCLNL123BKC3	.75	.75	1.000	4.50	1.12	.06	CN..322	ICSN332	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564296	DCLNL124BKC3	.75	.75	1.000	4.50	1.25	.15	CN..432	ICSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564297	DCLNL163DKC3	1.00	1.00	1.250	6.00	1.12	—	CN..322	ICSN332	KMSP391P	15 IP	CM234R ASSY	15 IP	SSP025016M
5564298	DCLNL164DKC3	1.00	1.00	1.250	6.00	1.25	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564299	DCLNL165DKC4	1.00	1.00	1.250	6.00	1.38	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5564310	DCLNL166DKC4	1.00	1.00	1.250	6.00	1.63	—	CN..643	ICSN633	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
5564311	DCLNL204DKC3	1.25	1.25	1.500	6.00	1.25	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564312	DCLNL205DKC4	1.25	1.25	1.500	6.00	1.38	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5564313	DCLNL206DKC4	1.25	1.25	1.500	6.00	1.63	—	CN..643	ICSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
5564315	DCLNL244DKC3	1.50	1.50	2.000	6.00	1.25	—	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564316	DCLNL245DKC4	1.50	1.50	2.000	6.00	1.38	—	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5564317	DCLNL246DKC4	1.50	1.50	2.000	6.00	1.63	—	CN..643	ICSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M

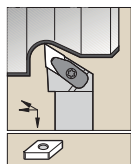


See pages B30–B46 for inserts.

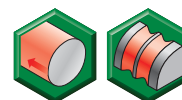
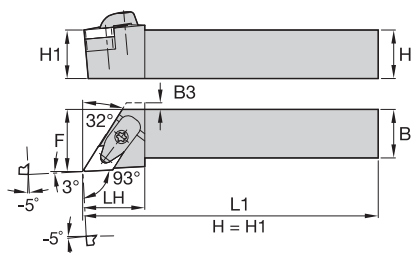


■ DCRN 15°

order number	catalog number	H	B	F	L1	LH	FA	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand														
5696531	DCRNR124BKC3	.75	.75	.878	4.50	1.25	.12	CN..432	ICSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696532	DCRNR164DKC3	1.00	1.00	1.128	6.00	1.25	.12	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696533	DCRNR204DKC3	1.25	1.25	1.378	6.00	1.25	.12	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696535	DCRNR245DKC4	1.50	1.50	1.851	6.00	1.38	.15	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5696534	DCRNR206DKC4	1.25	1.25	1.501	6.00	1.38	.18	CN..643	ICSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
left hand														
5696527	DCRNL164DKC3	1.00	1.00	1.128	6.00	1.25	.12	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696528	DCRNL204DKC3	1.25	1.25	1.378	6.00	1.25	.12	CN..432	ICSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696530	DCRNL245DKC4	1.50	1.50	1.851	6.00	1.38	.15	CN..543	ICSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5696529	DCRNL206DKC4	1.25	1.25	1.501	6.00	1.38	.18	CN..643	ICSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M

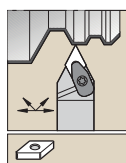


See pages B47–B64 for inserts.

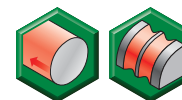
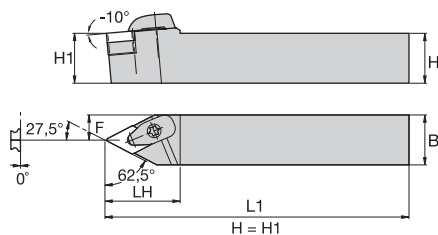


■ DDJN -3°

order number	catalog number	H	B	F	L1	LH	B3	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand														
5696544	DDJNR123BKC3	.75	.75	1.000	4.50	1.25	.06	DN..332	IDSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696545	DDJNR163DKC3	1.00	1.00	1.250	6.00	1.25	—	DN..332	IDSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696548	DDJNR203DKC3	1.25	1.25	1.500	6.00	1.25	—	DN..332	IDSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696546	DDJNR164DKC3	1.00	1.00	1.250	6.00	1.25	—	DN..432	IDSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696549	DDJNR204DKC3	1.25	1.25	1.500	6.00	1.25	—	DN..432	IDSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696547	DDJNR165DKC4	1.00	1.00	1.250	6.00	1.38	.15	DN..543	IDSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5696550	DDJNR205DKC4	1.25	1.25	1.500	6.00	1.38	—	DN..543	IDSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5696551	DDJNR245DKC4	1.50	1.50	2.000	6.00	1.38	—	DN..543	IDSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
left hand														
5696536	DDJNL123BKC3	.75	.75	1.000	4.50	1.25	.06	DN..332	IDSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696537	DDJNL163DKC3	1.00	1.00	1.250	6.00	1.25	—	DN..332	IDSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696540	DDJNL203DKC3	1.25	1.25	1.500	6.00	1.25	—	DN..332	IDSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696538	DDJNL164DKC3	1.00	1.00	1.250	6.00	1.25	—	DN..432	IDSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696541	DDJNL204DKC3	1.25	1.25	1.500	6.00	1.25	—	DN..432	IDSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5696539	DDJNL165DKC4	1.00	1.00	1.250	6.00	1.38	.15	DN..543	IDSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5696542	DDJNL205DKC4	1.25	1.25	1.500	6.00	1.38	—	DN..543	IDSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5696543	DDJNL245DKC4	1.50	1.50	2.000	6.00	1.38	—	DN..543	IDSN543	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M

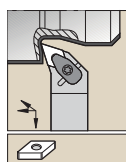


See pages B47–B64 for inserts.

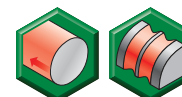
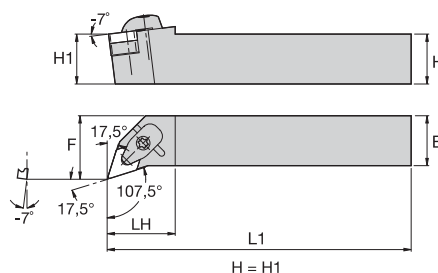


■ DDPN 27.5°

order number	catalog number	H	B	F	L1	LH	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
5696552	DDPNN164DKC3	1.00	1.00	.497	6.00	1.62	DN..432	IDSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M

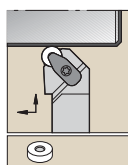


See pages B47–B64 for inserts.

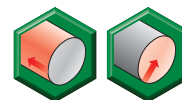
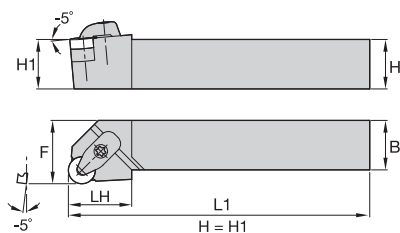


■ DDQN -17.5°

order number	catalog number	H	B	F	L1	LH	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand													
5564339	DDQNR164CKC3	1.00	1.00	1.250	5.00	1.38	DN..432	IDSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564340	DDQNR204DKC3	1.25	1.25	1.500	6.00	1.38	DN..432	IDSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
left hand													
5564337	DDQNL164DKC3	1.00	1.00	1.250	6.00	1.38	DN..432	IDSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564338	DDQNL204DKC3	1.25	1.25	1.500	6.00	1.38	DN..432	IDSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M



See pages B65–B67 for inserts.

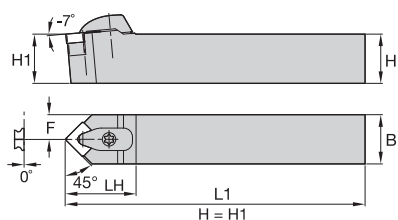


■ DRGN

order number	catalog number	H	B	F	L1	LH	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand													
5697735	DRGNR124BKC3	.75	.75	1.000	4.50	1.25	RN..43	IRS43	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697736	DRGNR164DKC3	1.00	1.00	1.250	6.00	1.25	RN..43	IRS44	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697738	DRGNR204DKC3	1.25	1.25	1.500	6.00	1.25	RN..43	IRS44	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697737	DRGNR165DKC4	1.00	1.00	1.250	6.00	1.25	RN..54	IRS54	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5697739	DRGNR206DKC4	1.25	1.25	1.500	6.00	1.38	RN..64	IRS64	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M
left hand													
5697730	DRGNL124BKC3	.75	.75	1.000	4.50	1.25	RN..43	IRS43	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697731	DRGNL164DKC3	1.00	1.00	1.250	6.00	1.25	RN..43	IRS44	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697733	DRGNL204DKC3	1.25	1.25	1.500	6.00	1.25	RN..43	IRS44	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697732	DRGNL165DKC4	1.00	1.00	1.250	6.00	1.25	RN..54	IRS54	KMSP515IP	15 IP	CM209R ASSY	15 IP	SSP025016M
5697734	DRGNL206DKC4	1.25	1.25	1.500	6.00	1.38	RN..64	IRS64	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M

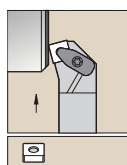


See pages B68–B80 for inserts.

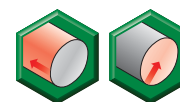
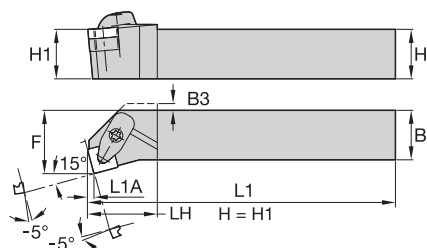


■ DSDN 45°

order number	catalog number	H	B	F	L1	LH	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
5697740	DSDNN124KC3	.75	.75	.375	4.50	1.44	SN..432	ISSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697741	DSDNN164KC3	1.00	1.00	.500	6.00	1.44	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697742	DSDNN204KC3	1.25	1.25	.625	6.00	1.44	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697743	DSDNN206KC4	1.25	1.25	.625	6.00	1.75	SN..643	ISSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M

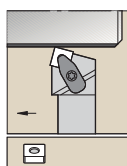


See pages B68–B80 for inserts.

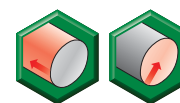
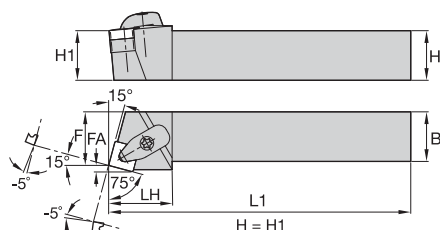


DSKN 15°

order number	catalog number	H	B	F	L1	LH	L1A	B3	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand															
5697745	DSKNR164CKC3	1.00	1.00	1.250	5.00	1.25	.12	.12	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697746	DSKNR164DKC3	1.00	1.00	1.250	6.00	1.25	.12	.12	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
left hand															
5697744	DSKNL164DKC3	1.00	1.00	1.250	6.00	1.25	.12	.12	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M

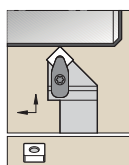


See pages B68–B80 for inserts.

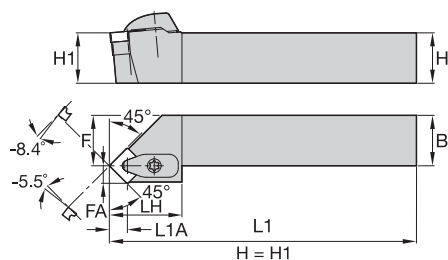


DSRN 15°

														
order number	catalog number	H	B	F	L1	LH	FA	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand														
5564343	DSRNR164DKC3	1.00	1.00	1.130	6.00	1.25	.12	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
left hand														
5564341	DSRNL164DKC3	1.00	1.00	1.130	6.00	1.25	.12	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5564342	DSRNL206DKC4	1.25	1.25	1.321	6.00	1.50	.18	SN..643	ISSN643	KMSP625IP	25 IP	CM210R ASSY	25 IP	SSP025016M

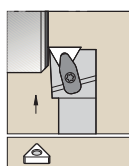


See pages B68–B80 for inserts.

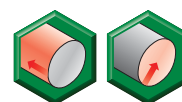
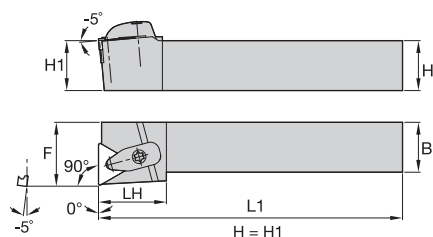


■ DSSN 45°

order number	catalog number	H	B	F	L1	LH	FA	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand														
5697754	DSSNR164DKC3	1.00	1.00	.912	6.00	1.50	.34	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
left hand														
5697753	DSSNL164DKC3	1.00	1.00	.912	6.00	1.50	.34	SN..432	ISSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M

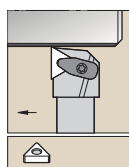


See pages B81–B93 for inserts.

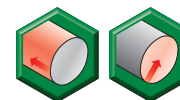
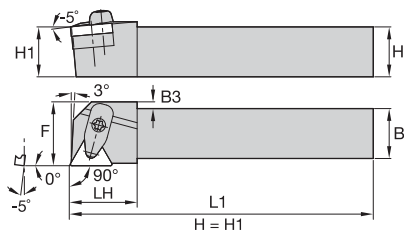


■ DTFN 0°

													
order number	catalog number	H	B	F	L1	LH	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand													
5697758	DTFNR123BKC3	.75	.75	1.000	4.50	1.25	TN..332	ITSN323	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697759	DTFNR163DKC3	1.00	1.00	1.250	6.00	1.25	TN..332	ITSN323	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697760	DTFNR164DKC3	1.00	1.00	1.250	6.00	1.38	TN..432	ITSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
left hand													
5697755	DTFNL123BKC3	.75	.75	1.000	4.50	1.25	TN..332	ITSN323	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697756	DTFNL163DKC3	1.00	1.00	1.250	6.00	1.25	TN..332	ITSN323	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697757	DTFNL164DKC3	1.00	1.00	1.250	6.00	1.38	TN..432	ITSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M

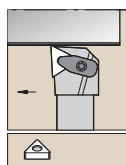


See pages B81–B93
for inserts.

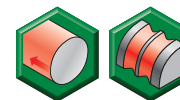
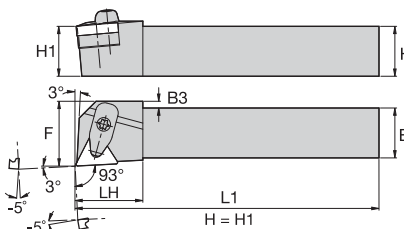


DTGN 0°

order number	catalog number	H	B	F	L1	LH	B3	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand														
5697764	DTGNR123BKC3	.75	.75	1.000	4.50	1.12	.25	TN..332	ITSN323	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697765	DTGNR163DKC3	1.00	1.00	1.250	6.00	1.12	—	TN..332	ITSN323	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697766	DTGNR164DKC3	1.00	1.00	1.250	6.00	1.25	.09	TN..432	ITSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
left hand														
5697761	DTGNL123BKC3	.75	.75	1.000	4.50	1.12	.25	TN..332	ITSN323	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697762	DTGNL163DKC3	1.00	1.00	1.250	6.00	1.12	—	TN..332	ITSN323	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697763	DTGNL164DKC3	1.00	1.00	1.250	6.00	1.25	.09	TN..432	ITSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M

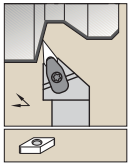


See pages B81–B93
for inserts.

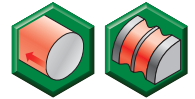
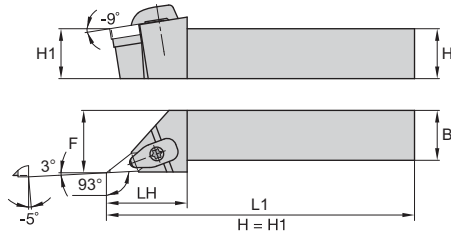


DTJN -3°

order number	catalog number	H	B	F	L1	LH	B3	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand														
5697767	DTJNR164DKC3	1.00	1.00	1.250	6.00	1.25	.12	TN..432	ITSN443	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M

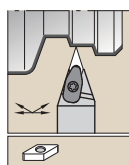


See pages B94–B99 for inserts.

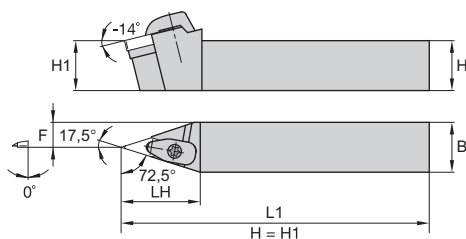


■ DVJN 3°

order number	catalog number	H	B	F	L1	LH	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand													
5697781	DVJNR123CKC3	.75	.75	1.000	5.00	1.82	VN..332	IVSN322	KMSP315IP	15 IP	CM215R ASSY	15 IP	SSP025016M
5564346	DVJNR163DKC3	1.00	1.00	1.250	6.00	1.82	VN..332	IVSN322	KMSP315IP	15 IP	CM215R ASSY	15 IP	SSP025016M
5697782	DVJNR853DKC3	1.25	1.00	1.250	6.00	1.82	VN..332	IVSN322	KMSP315IP	15 IP	CM215R ASSY	15 IP	SSP025016M
5564347	DVJNR164DKC3	1.00	1.00	1.250	6.00	2.15	VN..432	IVSN432	KMSP415IP	15 IP	CM235R ASSY	15 IP	SSP025016M
5697783	DVJNR854DKC3	1.25	1.00	1.250	6.00	2.15	VN..432	IVSN432	KMSP415IP	15 IP	CM235R ASSY	15 IP	SSP025016M
left hand													
5697780	DVJNL854DKC3	1.25	1.00	1.250	6.00	2.15	VN..432	—	—	15 IP	—	15 IP	—
5697768	DVJNL123CKC3	.75	.75	1.000	5.00	1.82	VN..332	IVSN322	KMSP315IP	15 IP	CM215R ASSY	15 IP	SSP025016M
5564344	DVJNL163DKC3	1.00	1.00	1.250	6.00	1.82	VN..332	IVSN322	KMSP315IP	15 IP	CM215R ASSY	15 IP	SSP025016M
5697769	DVJNL853DKC3	1.25	1.00	1.250	6.00	1.82	VN..332	IVSN322	KMSP315IP	15 IP	CM215R ASSY	15 IP	SSP025016M
5564345	DVJNL164DKC3	1.00	1.00	1.250	6.00	2.15	VN..432	IVSN432	KMSP415IP	15 IP	CM235R ASSY	15 IP	SSP025016M

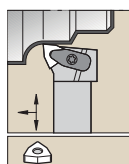


See pages B94–B99
for inserts.

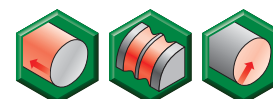
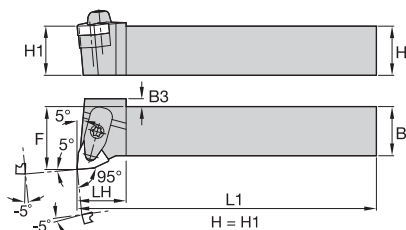


■ DVN 17.5°

order number	catalog number	H	B	F	L1	LH	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
5564348	DVVNN163DKC3	1.00	1.00	.496	6.00	1.97	VN..332	IVSN322	KMSP315IP	15 IP	CM215R ASSY	15 IP	SSP025016M

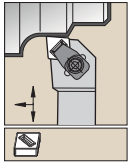


See pages B99–B105
for inserts.

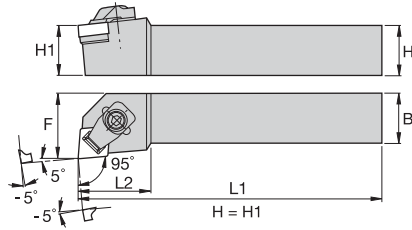


■ DWLN -5°

order number	catalog number	H	B	F	L1	LH	B3	gage insert	shim	shim screw	Torx Plus	clamp assembly	Torx Plus	slotted pin
right hand														
5697789	DWLN123BKC3	.75	.75	1.000	4.50	1.00	.28	WN..332	IWSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697790	DWLN163DKC3	1.00	1.00	1.250	6.00	1.00	.06	WN..332	IWSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697791	DWLN164CKC3	1.00	1.00	1.250	5.00	1.00	.15	WN..432	IWSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697792	DWLN164DKC3	1.00	1.00	1.250	6.00	1.00	.15	WN..432	IWSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697793	DWLN204DKC3	1.25	1.25	1.500	6.00	—	—	WN..432	IWSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
left hand														
5697784	DWLN123BKC3	.75	.75	1.000	4.50	1.00	.28	WN..332	IWSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697785	DWLN163DKC3	1.00	1.00	1.250	6.00	1.00	.06	WN..332	IWSN322	KMSP315IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697786	DWLN164CKC3	1.00	1.00	1.250	5.00	1.00	.15	WN..432	IWSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697787	DWLN164DKC3	1.00	1.00	1.250	6.00	1.00	.15	WN..432	IWSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M
5697788	DWLN204DKC3	1.25	1.25	1.500	6.00	1.00	—	WN..432	IWSN433	KMSP415IP	15 IP	CM234R ASSY	15 IP	SSP025016M

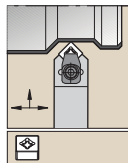


See pages B177–B179
and B197–B205 for inserts.

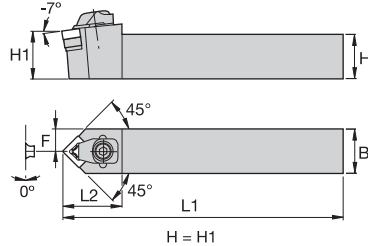


■ CCLN-MX -5°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	Torx	clamp assembly	Torx
right hand												
3093607	CCLNR164DMX5	1.00	1.00	1.250	6.00	1.25	CN.X452	552.221	554.260	T20	551.326	T25
3093608	CCLNR165DMX5	1.00	1.00	1.250	6.00	1.38	CN.X553	552.223	554.261	T25	551.342	T25
left hand												
3093605	CCLNL164DMX5	1.00	1.00	1.250	6.00	1.25	CN.X452	552.221	554.260	T20	551.326	T25
3093606	CCLNL244DMX5	1.50	1.50	2.000	6.00	1.25	CN.X452	552.221	554.260	T20	551.326	T25

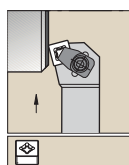


See pages B186–B191
and B211–B212 for inserts.

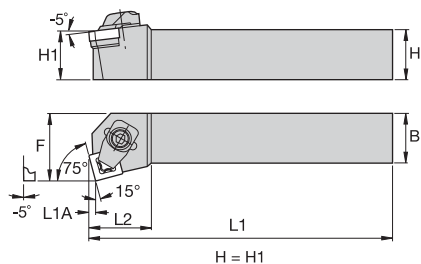


■ CSDN-MX 45°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	Torx	clamp assembly	Torx
3093609	CSDNN164DMX5	1.00	1.00	.500	6.00	1.38	SN.X452	552.232	554.260	T20	551.326	T25

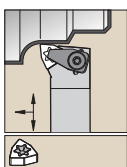


See pages B186–B191
and B211–B212 for inserts.

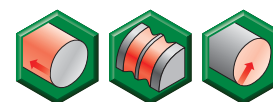
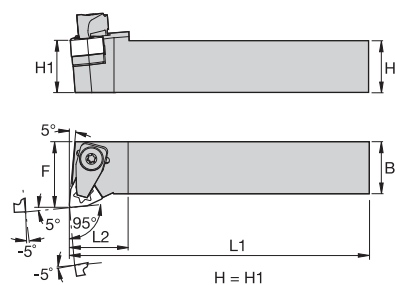


CSKN-MX 15°

order number	catalog number	H	B	F	L1	L2	L1A	gage insert	shim	shim screw	Torx	clamp assembly	Torx
right hand													
3093281	CSKNR164DMX5	1.00	1.00	1.250	6.00	1.06	.12	SN.X452	552.232	554.260	T20	551.326	T25
left hand													
3093282	CSKNL164DMX5	1.00	1.00	1.250	6.00	1.06	.12	SN.X452	552.232	554.260	T20	551.326	T25

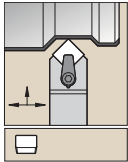


See pages B195–B198
and B218 for inserts.

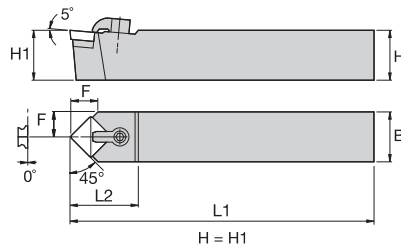


CWLN-MX -5°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	Torx	clamp assembly	Torx
right hand												
3093603	CWLN164DMX5	1.00	1.00	1.250	6.00	1.12	WN.X452	552.210	554.260	T20	551.326	T25
left hand												
3093604	CWLN164DMX5	1.00	1.00	1.250	6.00	1.12	WN.X452	552.210	554.260	T20	551.326	T25

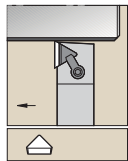


See pages B192–B194
and B212–B216 for inserts.

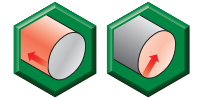
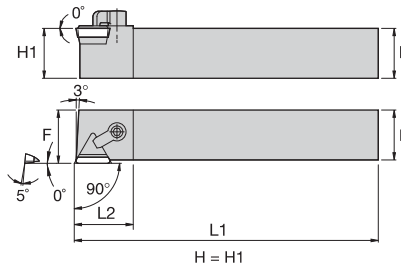


■ CSDP 45°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	clamp	clamp screw	hex
2951032	CSDPN103	.63	.63	.310	4.50	.94	SP.322	SM120	SL344	—	CK7	STC5	3/32
2951284	CSDPN124	.75	.75	.372	4.50	1.38	SP.422	SM40	S111	1/16	CK10	STC8	5/32
2951285	CSDPN164	1.00	1.00	.497	6.00	1.38	SP.422	SM40	S111	1/16	CK9	STC4	5/32

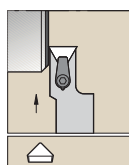


See pages B192–B194
and B212–B216 for inserts.

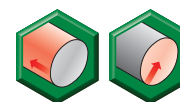
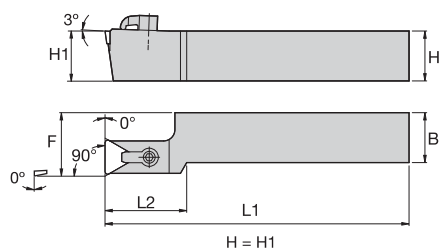


■ CTAP 0°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	clamp	clamp screw	hex
right hand													
2951286	CTAPR082B	.50	.50	.500	4.50	.75	TP.221	SM119	SL344	—	CK19	STC9	3/32
2951287	CTAPR123B	.75	.75	.750	4.50	1.06	TP.322	SM41	S111	1/16	CK10	STC8	5/32

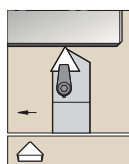


See pages B192–B194
and B212–B216 for inserts.

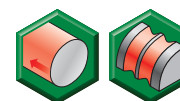
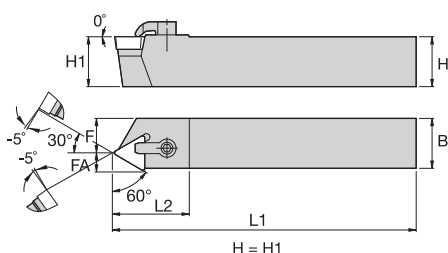


CTCP 0°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	clamp	clamp screw	hex
left hand													
2951288	CTCPN443	1.00	.50	.542	8.00	1.19	TP.322	SM41	S111	1/16	CK23	STC11	1/8

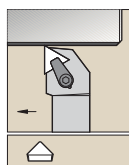


See pages B192–B194
and B212–B216 for inserts.

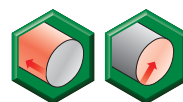
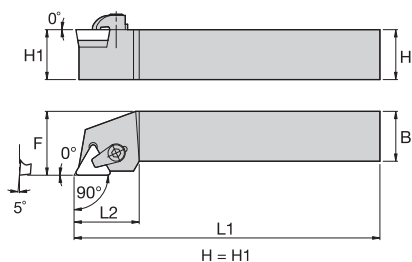


CTEP 30°

														
order number	catalog number	H	B	F	L1	L2	FA	gage insert	shim	shim screw	hex	clamp	clamp screw	hex
right hand														
2951289	CTEPR123B	.75	.75	.460	4.50	1.25	.28	TP.322	SM41	S111	1/16	CK10	STC8	5/32
2951290	CTEPR163D	1.00	1.00	.700	6.00	1.25	.28	TP.322	SM41	S111	1/16	CK9	STC4	5/32

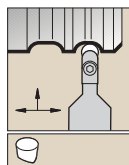


See pages B192–B194
and B212–B216 for inserts.

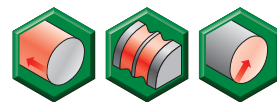
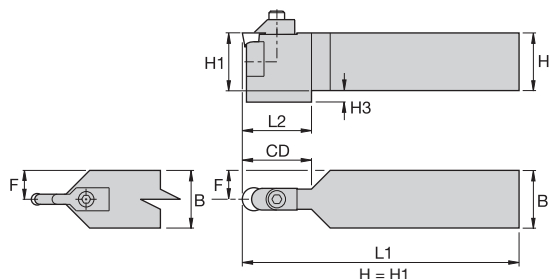


CTGP 0°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	clamp	clamp screw	hex
right hand													
2951292	CTGPR123B	.75	.75	1.000	4.50	1.13	TP.322	SM41	S111	1/16	CK10	STC8	5/32
left hand													
2951291	CTGPL123B	.75	.75	1.000	4.50	1.13	TP.322	SM41	S111	1/16	CK10	STC8	5/32

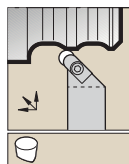


See pages B183–B185
and B210 for inserts.

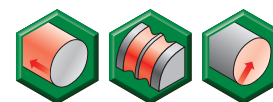
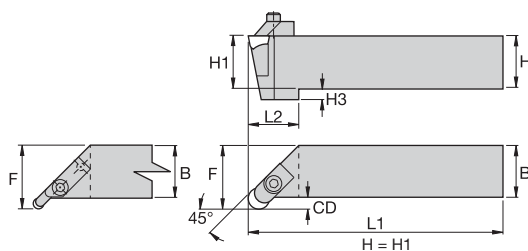


CRDP 0°

order number	catalog number	H	B	F	L1	L2	CD	H3	gage insert	nest	clamp	clamp screw	hex
3871495	CRDPN162DV	1.00	1.00	.496	6.00	—	.75	—	R..V23	NST1	CM214	MS1321	2.5 mm
3871496	CRDPN163DV	1.00	1.00	.496	6.00	—	1.13	—	R..V35	NST2	CM219	CS412	3.5 mm
3871497	CRDPN203DV	1.25	1.25	.621	6.00	—	1.13	—	R..V35	NST2	CM219	CS412	3.5 mm
3871498	CRDPN164DV	1.00	1.00	.496	6.00	1.50	1.50	.25	R..V45	NST3	CM216	CS412	3.5 mm
3871499	CRDPN204DV	1.25	1.25	.621	6.00	—	1.50	—	R..V45	NST3	CM216	CS412	3.5 mm

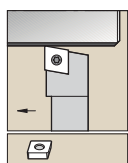


See pages B183–B185
and B210 for inserts.

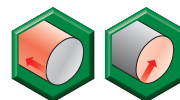
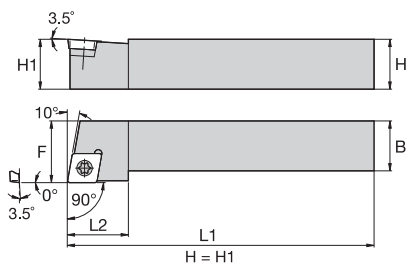


■ CRGP 45°

order number	catalog number	H	B	F	L1	L2	CD	H3	gage insert	nest	clamp	clamp screw	hex
right hand													
3871506	CRGPR164DV	1.00	1.00	1.250	6.00	1.19	.25	.25	R..V45	NST3	CM216	CS412	3.5 mm
3871504	CRGPR203DV	1.25	1.25	1.500	6.00	—	.25	—	R..V35	NST2	CM219	CS412	3.5 mm
3871508	CRGPR204DV	1.25	1.25	1.500	6.00	—	.25	—	R..V45	NST3	CM216	CS412	3.5 mm
left hand													
3871501	CRGPL162DV	1.00	1.00	1.250	6.00	—	.25	—	R..V23	NST1	CM214	MS1321	2.5 mm
3871507	CRGPL164DV	1.00	1.00	1.250	6.00	1.19	.25	.25	R..V45	NST3	CM216	CS412	3.5 mm
3871505	CRGPL203DV	1.25	1.25	1.500	6.00	—	.25	—	R..V35	NST2	CM219	CS412	3.5 mm
3871509	CRGPL204DV	1.25	1.25	1.500	6.00	—	.25	—	R..V45	NST3	CM216	CS412	3.5 mm

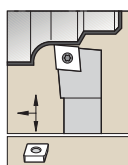


See pages B47–B64 for inserts.

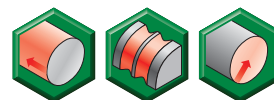
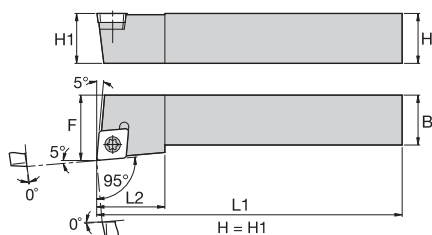


■ SCGP 0°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	insert screw	Torx
right hand												
5094166	SCGPR083V	.50	.50	.625	3.50	.62	CP..3252	—	—	—	MS1027	T9
5094167	SCGPR123B	.75	.75	1.000	4.50	.63	CP..3252	SM417	MS1028	3/32	MS1027	T9
left hand												
5094164	SCGPL083V	.50	.50	.625	3.50	.62	CP..3252	—	—	—	MS1027	T9
5094165	SCGPL123B	.75	.75	1.000	4.50	.63	CP..3252	SM417	MS1028	3/32	MS1027	T9

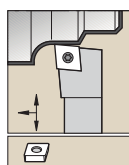


See pages B30–B46 for inserts.

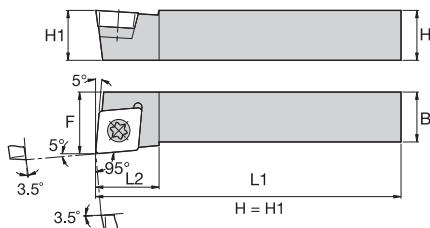


■ SCLC -5°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	insert screw	Torx
right hand												
2951352	SCLCR062	.38	.38	.500	2.50	.50	CC..2151	—	—	—	MS1153	T7
2951363	SCLCR083	.50	.50	.625	3.50	.63	CC..3252	—	—	—	MS1155	T15
2951364	SCLCR103	.63	.63	.750	4.00	.62	CC..3252	SKCP343	SRS3	3.5 mm	MS1156	T15
2951365	SCLCR123	.75	.75	1.000	4.50	.62	CC..3252	SKCP343	SRS3	3.5 mm	MS1156	T15
2951366	SCLCR164D	1.00	1.00	1.250	6.00	.75	CC..432	SKCP453	SRS4	4 mm	MS1158	T15
left hand												
2951350	SCLCL062	.38	.38	.500	2.50	.50	CC..2151	—	—	—	MS1153	T7
2951351	SCLCL083	.50	.50	.625	3.50	.63	CC..3252	—	—	—	MS1155	T15

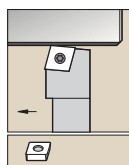


See pages B30–B46
for inserts.

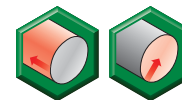
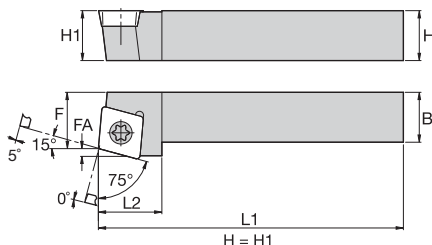


■ SCLP -5°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	insert screw	Torx
right hand												
5094214	SCLPR062	.38	.38	.500	2.50	.44	CP..2151	—	—	—	MS1153	T7
5094215	SCLPR083V	.50	.50	.625	3.50	.62	CP..3252	—	—	—	MS1027	T9
5094219	SCLPR123B	.75	.75	1.000	4.50	.62	CP..3252	SM417	MS1028	3/32	MS1027	T9
left hand												
5094168	SCLPL062	.38	.38	.500	2.50	.44	CP..2151	—	—	—	MS1153	T7
5094210	SCLPL083V	.50	.50	.625	3.50	.62	CP..3252	—	—	—	MS1027	T9
5094213	SCLPL123B	.75	.75	1.000	4.50	.62	CP..3252	SM417	MS1028	3/32	MS1027	T9

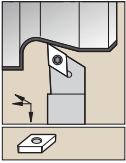


See pages B30–B46
for inserts.

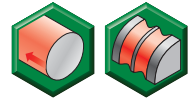
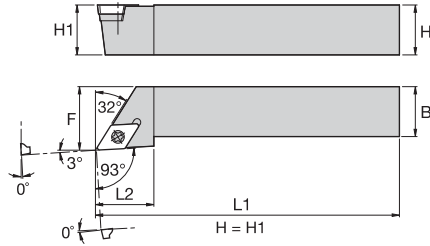


■ SCRPR 15°

order number	catalog number	H	B	F	L1	L2	FA	gage insert	insert screw	Torx
right hand										
5094252	SCRPR062	.38	.38	.439	2.50	.44	.06	CP..2151	MS1153	T7
5094253	SCRPR083V	.50	.50	.437	3.50	.62	.09	CP..3252	MS1027	T9
left hand										
5094250	SCRPL062	.38	.38	.439	2.50	.44	.06	CP..2151	MS1153	T7
5094251	SCRPL083V	.50	.50	.437	3.50	.62	.09	CP..3252	MS1027	T9

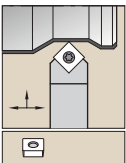


See pages B47–B64 for inserts.

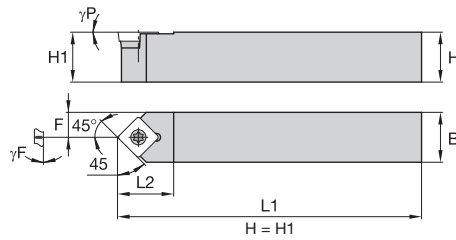


SDJC -3°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	insert screw	Torx
right hand												
2951369	SDJCR062	.38	.38	.500	2.50	.62	DC..2151	—	—	—	MS1153	T7
2951370	SDJCR123	.75	.75	1.000	4.50	.88	DC..3252	SKDP343	SRS3	3.5 mm	MS1156	T15
2951371	SDJCR163	1.00	1.00	1.250	6.00	.88	DC..3252	SKDP343	SRS3	3.5 mm	MS1156	T15
left hand												
2951367	SDJCL102	.63	.63	.750	4.00	.62	DC..2151	—	—	—	MS1153	T7
2951368	SDJCL163	1.00	1.00	1.250	6.00	.88	DC..3252	SKDP343	SRS3	3.5 mm	MS1156	T15

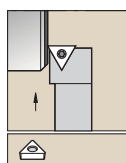


See pages B68–B80 for inserts.

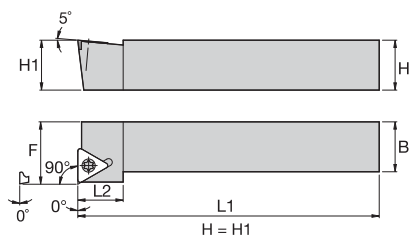


SSDC 45°

order number	catalog number	H	B	F	L1	L2	γ_F°	γ_P°	gage insert	insert screw	Torx
left hand											
2951372	SSDCN083	.50	.50	.250	3.50	.63	0.0	0.0	SC..3252	MS1155	T15

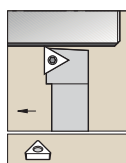


See pages B81–B93
for inserts.

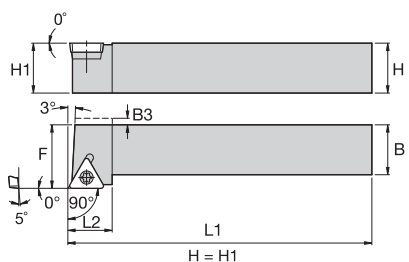


STFP 0°

order number	catalog number	H	B	F	L1	gage insert	insert screw	Torx
right hand								
5094255	STFPR062	.38	.38	.500	2.50	TP..2151	MS1153	T7
left hand								
5094254	STFPL062	.38	.38	.500	2.50	TP..2151	MS1153	T7

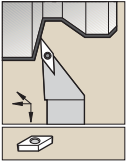


See pages B81–B93
for inserts.

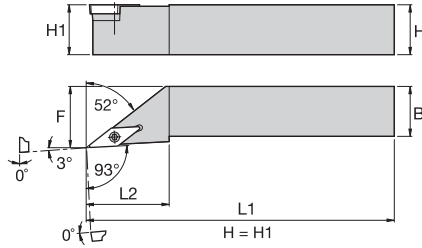


STGP 0°

									
order number	catalog number	H	B	F	L1	L2	gage insert	insert screw	Torx
right hand									
5094258	STGPR062	.38	.38	.500	2.50	.56	TP..2151	MS1153	T7
5094259	STGPR082V	.50	.50	.625	3.50	.56	TP..2151	MS1153	T7
left hand									
5094256	STGPL062	.38	.38	.500	2.50	.56	TP..2151	MS1153	T7
5094257	STGPL082V	.50	.50	.625	3.50	.56	TP..2151	MS1153	T7

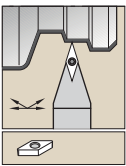


See pages B94–B99 for inserts.

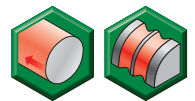
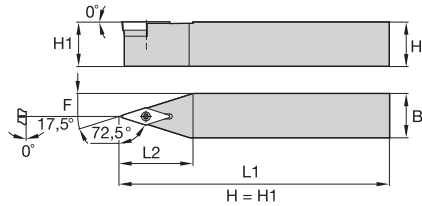


SVJB -3°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	insert screw	Torx
right hand												
2951375	SVJBR123	.75	.75	1.000	4.50	1.38	VB..332	SKVN343	SRS3	3.5 mm	MS1156	T15
2951376	SVJBR163	1.00	1.00	1.250	6.00	1.38	VB..332	SKVN343	SRS3	3.5 mm	MS1156	T15
left hand												
2951373	SVJBL123	.75	.75	1.000	4.50	1.38	VB..332	SKVN343	SRS3	3.5 mm	MS1156	T15
2951374	SVJBL163	1.00	1.00	1.250	6.00	1.38	VB..332	SKVN343	SRS3	3.5 mm	MS1156	T15



See pages B94–B99 for inserts.



SVB 17.5°

order number	catalog number	H	B	F	L1	L2	gage insert	shim	shim screw	hex	insert screw	Torx
left hand												
2951377	SVBN163	1.00	1.00	.500	6.00	1.31	VB..332	SKVN343	SRS3	3.5 mm	MS1156	T15