



Polygon Taper Shank Tooling Series

Now producing C3-C6 small diameter polygon shanks for CNC lathes.

ISO 26623-1
JIS B 6066-1



High repeat-mounting accuracy

The polygon coupling ensures excellent accuracy in rotational direction.

Polygon Taper Shank Tooling C3 - C6

Now producing C3 - C6 small diameter polygon shanks for CNC lathes.



ISO 26623-1
JIS B 6066-1

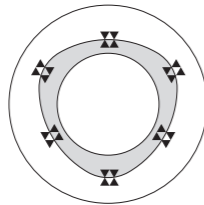
Features

High rigidity

The ISO standard dual-contact Polygon Taper increases rigidity.

High repeat-mounting accuracy

The polygon coupling ensures excellent accuracy in rotational direction.



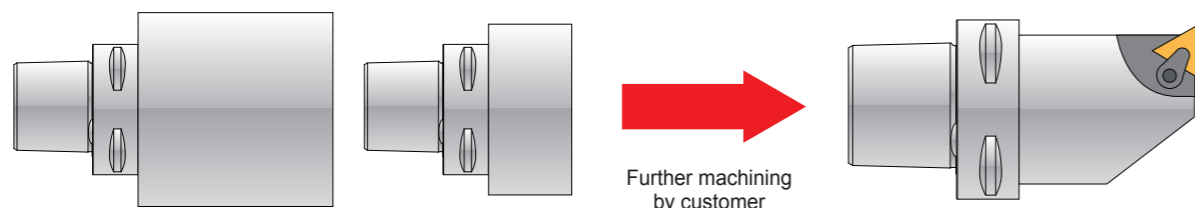
Polygon taper shank + NT original tooling

- "R" zero
Runout of the cutting edges can be adjusted to zero.
 - "R" Zero Holder Series
- Anti-vibration effect
Hydraulic chucking system
 - Hydro chuck series

Introducing Polygon taper blanks

Please contact NT USA

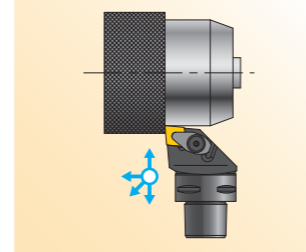
We can manufacture blanks with the polygon taper shank to the customer's specifications.



Interior Negative Double Clamp

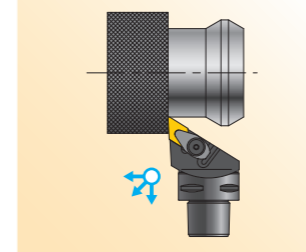
For General Machining

DCLNP. 6



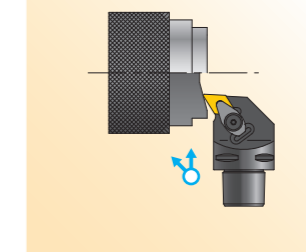
For Exterior • Profile Machining

DDJNP. 6



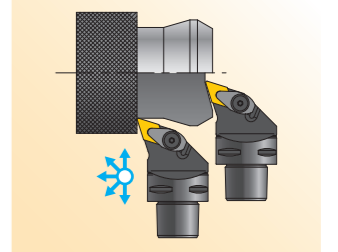
For Edge • Profile Machining

DDUNP. 7



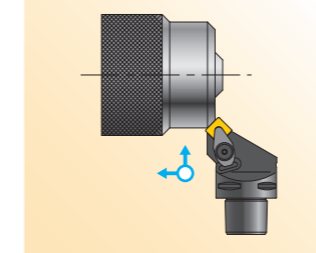
For Exterior • Edge Profile Machining

DDHNP. 7



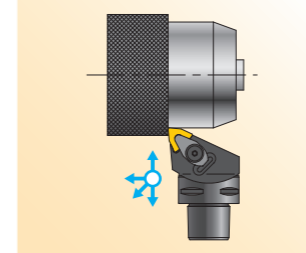
For Chamfering • Exterior Machining

DSSNP. 8



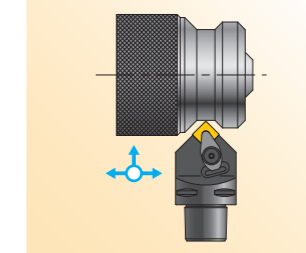
For General Machining

DWLNP. 8



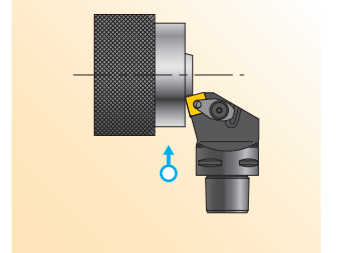
For Chamfering • Exterior Profile Machining

DSDNP. 9



For Edge Pull Machining

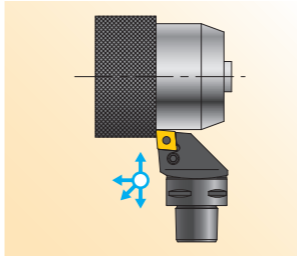
DSKNP. 9



Interior Negative Lever Lock

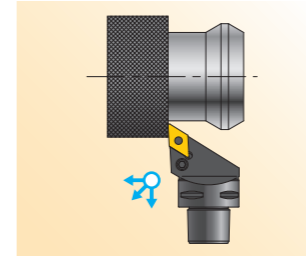
For General Machining

PCLNP. 10



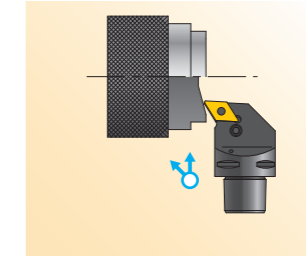
For Exterior • Profile Machining

PDJNP. 10



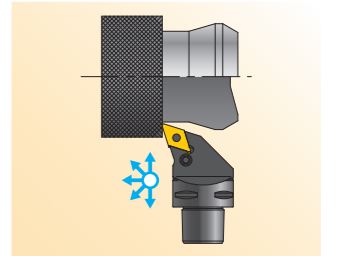
For Edge • Profile Machining

PDUNP. 11



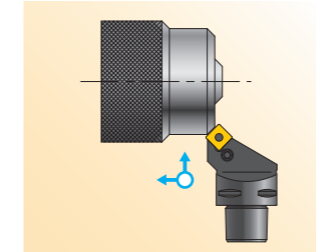
For Exterior • Edge Profile Machining

PDHNP. 11



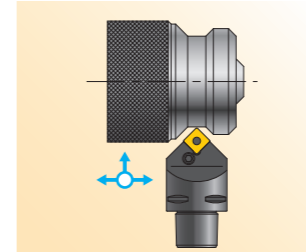
For Exterior • Profile Machining

PSSNP. 12



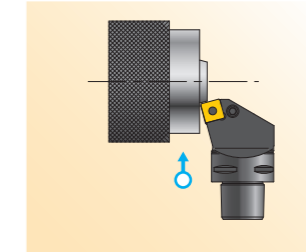
For Chamfering • Exterior Profile Machining

PSDNP. 12



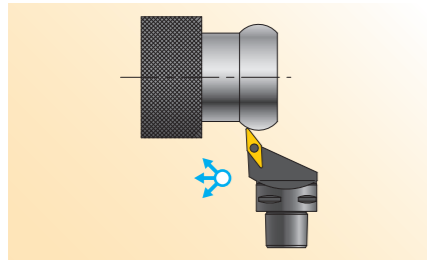
For Edge Pull Machining

PSKNP. 13

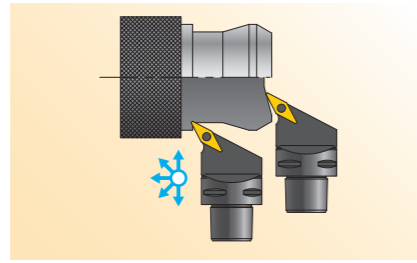


Interior Positive Screw-On

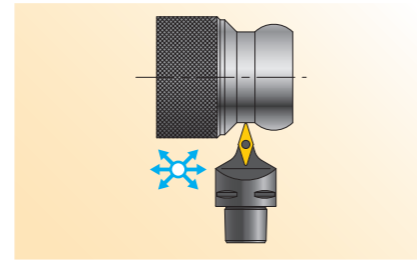
For Exterior • Profile Machining
SVJBP. 14



For Exterior • Edge Profile Machining
SVQBP. 14

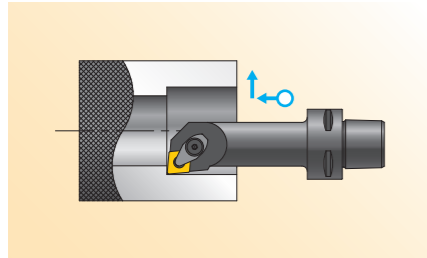


For Exterior • Profile Machining
SVVBP. 15

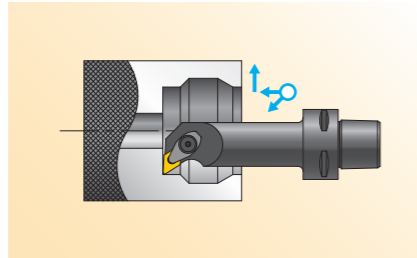


Exterior Negative Double Clamp

For Interior • Edge Machining
DCLNP. 16

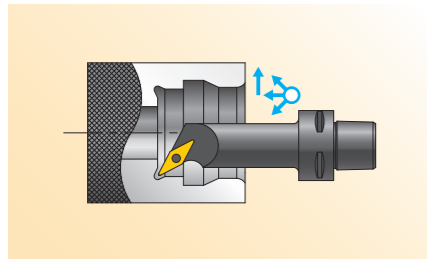


For Interior • Profile Machining
DDUNP. 16

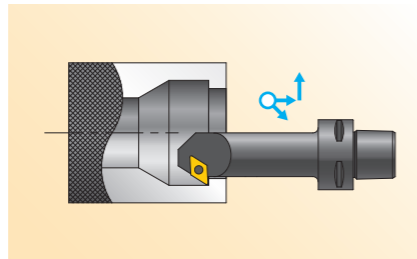


Exterior Positive Screw-On

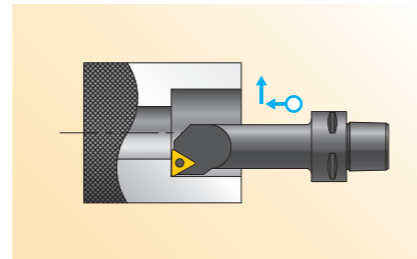
For Undercut Machining
SVQBP. 17



For Back Boring Machining
SDZCP. 17



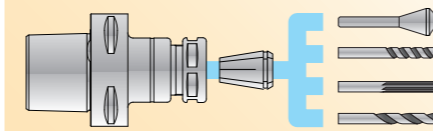
For General Boring Machining
STFCP. 18



C3, C6 NC tooling

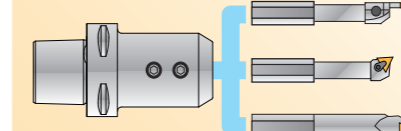
Collet Holder **HDC•A**P. 22

Useable with straight-shank chamfers, endmills, reamers, and drills.



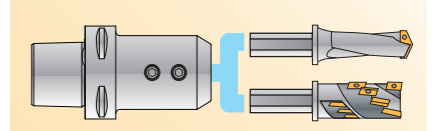
For Boring Bar **TSB**P. 32

Useable with straight-shank (with flat) cut-off bit, external bits, and boring bits.



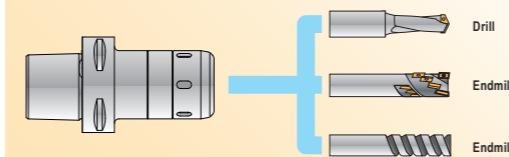
For Drill **TSD**P. 33

Useable with straight-shank (with flat), insert-style drills and endmills.

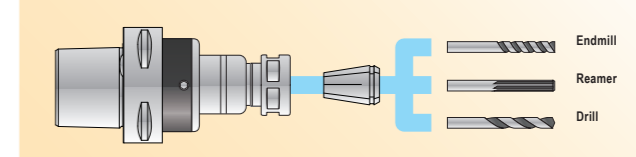


C5, C6 NC tooling

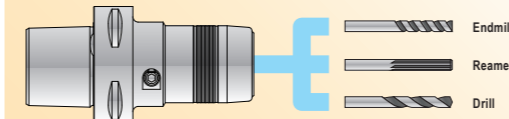
Super Tite-Lock Milling Chuck **CT•SA**P. 30



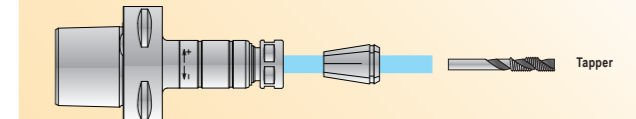
"R" Zero Holder **HDZ**P. 24



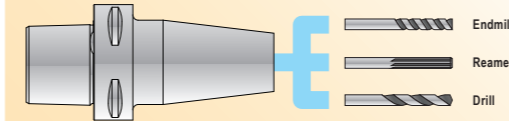
Power Hydro Chuck **PHC•A**P. 34



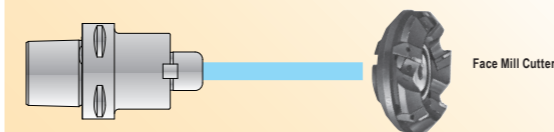
Synchronous Tap Holder **STM**P. 40



Shrink Fit Chuck **SRD**P. 38

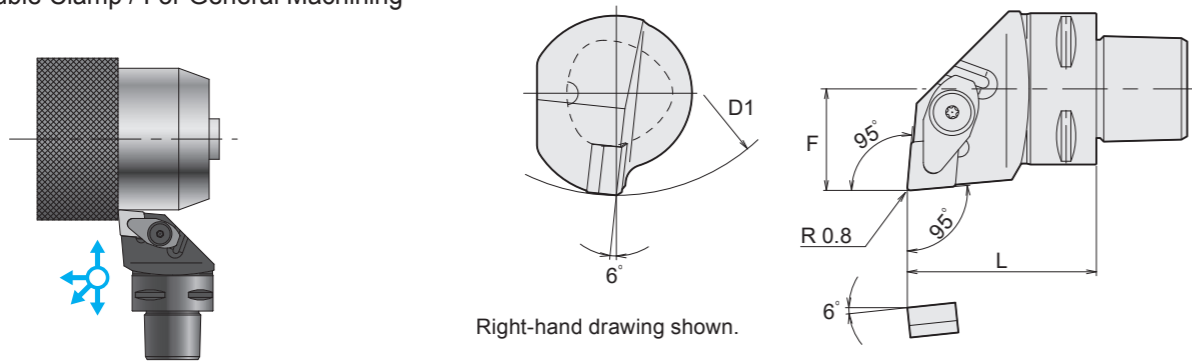


Face Mill Arbor **FMA•A**P. 39



DCLN

● Double Clamp / For General Machining



Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01311101	C3 -DCLN R -22040 - 09	22	40	70	CNM	LLSCN3T3	LLP23	DCK2211	DCS2	DC0520T	TKY15F
6800 01311201	L -22040 - 09	22	40	70	CNG						
6800 01411101	C4 -DCLN R -27050 - 12	27	50	110	CNM	LLSCN42	LLP14	DCK2613	DCS1	DC0621T	TKY20F
6800 01411201	L -27050 - 12	27	50	110							
6800 01511101	C5 -DCLN R -35060 - 12	35	60	110	CNM	LLSCN42	LLP14	DCK2613	DCS1	DC0621T	TKY20F
6800 01511201	L -35060 - 12	35	60	110							
6800 01611101	C6 -DCLN R -45065 - 12	45	65	110	CNM	LLSCN42	LLP14	DCK2613	DCS1	DC0621T	TKY20F
6800 01611201	L -45065 - 12	45	65	110							

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

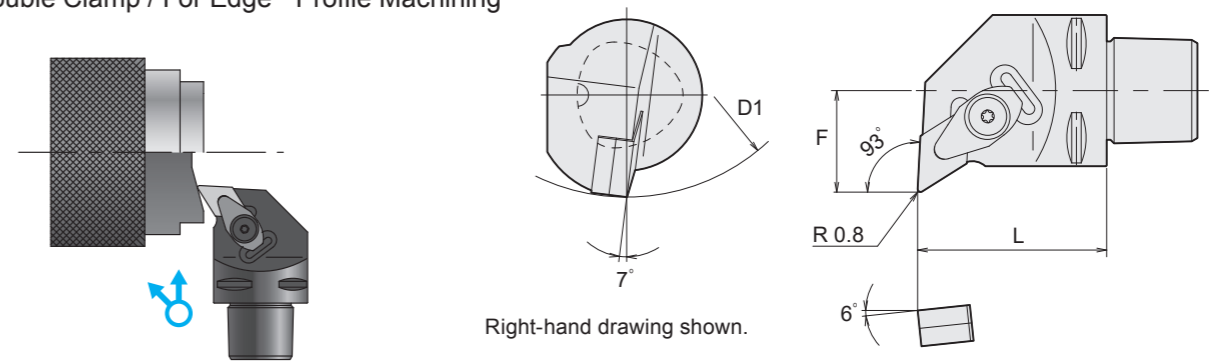
Ordering Example

C4 - DCLN R - 27 050 - 12

Shank size Model Hand F L Face Length

DDUN

● Double Clamp / For Edge · Profile Machining



Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01423101	C4 -DDUN R -27050 - 15	27	50	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01423201	L -27050 - 15	27	50	110							
6800 01523101	C5 -DDUN R -35060 - 15	35	60	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01523201	L -35060 - 15	35	60	110							
6800 01623101	C6 -DDUN R -45065 - 15	45	65	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01623201	L -45065 - 15	45	65	110							

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

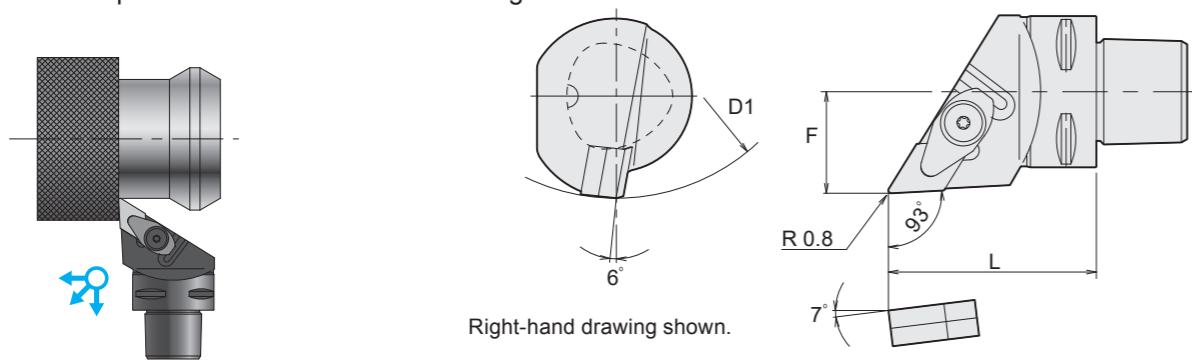
Ordering Example

C4 - DDUN R - 27 050 - 15

Shank size Model Hand F L Face Length

DDJN

● Double Clamp / For Exterior · Profile Machining



Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01322101	C3 -DDJN R -22045 - 11	22	45	70	DNM	LLSDN32	LLP23	DCK2211	DCS2	DC0520T	TKY15F
6800 01322201	L -22045 - 11	22	45	70							
6800 01422101	C4 -DDJN R -27055 - 15	27	55	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01422201	L -27055 - 15	27	55	110							
6800 01522101	C5 -DDJN R -35060 - 15	35	60	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01522201	L -35060 - 15	35	60	110							
6800 01622101	C6 -DDJN R -45065 - 15	45	65	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01622201	L -45065 - 15	45	65	110							

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

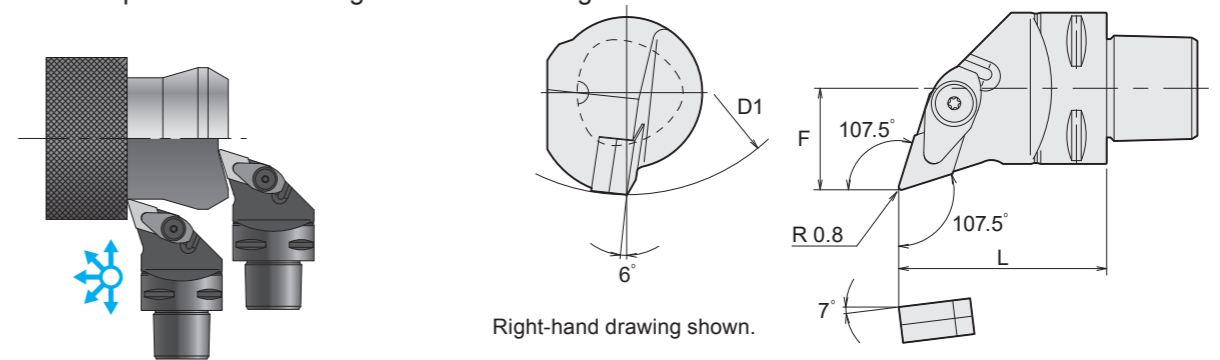
Ordering Example

C4 - DDJN R - 27 055 - 15

Shank size Model Hand F L Face Length

DDHN

● Double Clamp / For Exterior · Edge Profile Machining



Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01424101	C4 -DDHN R -27055 - 15	27	55	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01424201	L -27055 - 15	27	55	110							
6800 01524101	C5 -DDHN R -35060 - 15	35	60	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01524201	L -35060 - 15	35	60	110							
6800 01624101	C6 -DDHN R -45065 - 15	45	65	110	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01624201	L -45065 - 15	45	65	110							

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

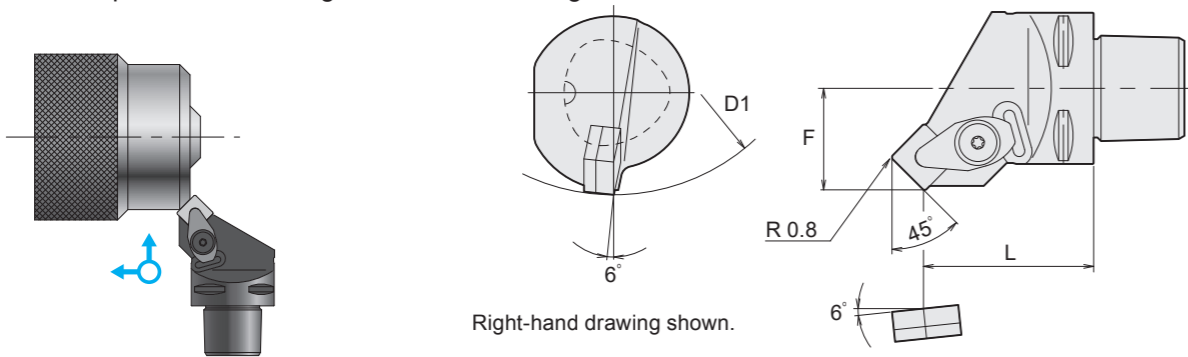
Ordering Example

C4 - DDHN R - 27 055 - 15

Shank size Model Hand F L Face Length

DSSN

● Double Clamp / For Chamfering · Exterior Machining



Right-hand drawing shown.

Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01355101	C3 -DSSN R -22045 - 12	22	45	90	SNM○ SNG○ 1204○○	LLSSN42	LLP14	DCK2613	DCS1	DC0621T	TKY20F
6800 01355201	L -22045 - 12	22	45	90							
6800 01455101	C4 -DSSN R -27045 - 12	27	45	110							
6800 01455201	L -27045 - 12	27	45	110							
6800 01555101	C5 -DSSN R -35052 - 12	35	52	110							
6800 01555201	L -35052 - 12	35	52	110							
6800 01655101	C6 -DSSN R -45056 - 12	45	56	110							
6800 01655201	L -45056 - 12	45	56	110							

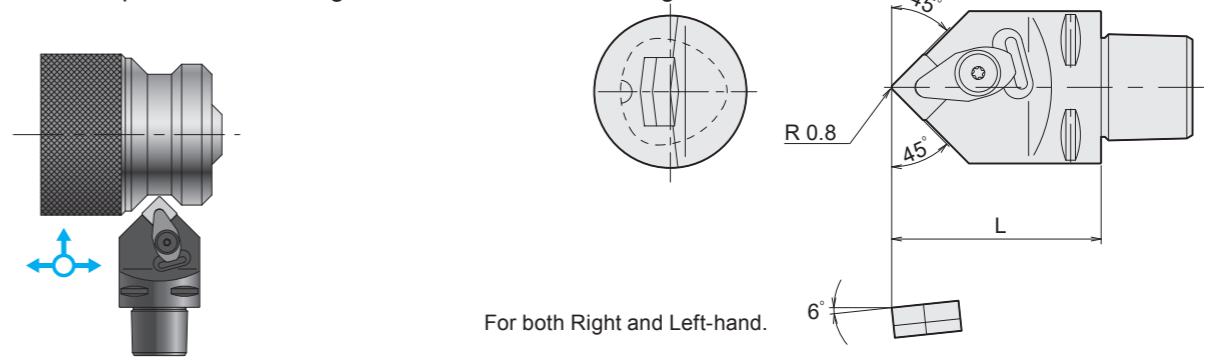
1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

Ordering Example

C4 - DSSN R - 27 045 - 12
 Shank size Model Hand F L Face Length

DSDN

● Double Clamp / For Chamfering · Exterior Profile Machining



For both Right and Left-hand.

Code	Model	L	Insert	Accessory (included)					
				Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01358301	C3 -DSDN N -00053 - 12	53	SNM○ SNG○ 1204○○	LLSSN42	LLP14	DCK2613	DCS1	DC0621T	TKY20F
6800 01458301	C4 -DSDN N -00055 - 12	55							
6800 01558301	C5 -DSDN N -00060 - 12	60							
6800 01658301	C6 -DSDN N -00065 - 12	65							

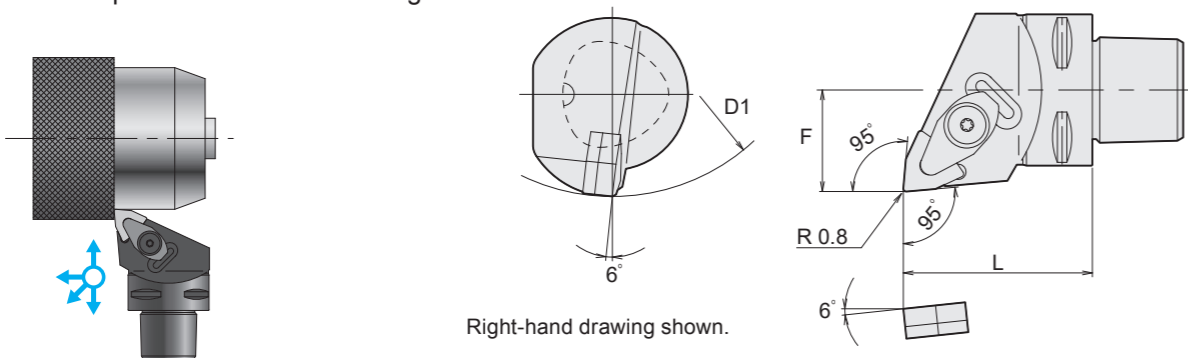
1. Inserts are not included. Please use ISO Standard inserts.

Ordering Example

C4 - DSDN N - 00 055 - 12
 Shank size Model Hand F L Face Length

DWLN

● Double Clamp / For General Machining



Right-hand drawing shown.

Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01361101	C3 -DWLN R -22040 - 06	22	40	70	WNM○ WNG○ 06T3○○	LLSWN3T3	LLP23	DCK2211	DCS2	DC0520T	TKY15F
6800 01361201	L -22040 - 06	22	40	70							
6800 01461101	C4 -DWLN R -27050 - 08	27	50	110	WNM○ WNG○ 0804○○	LLSWN42	LLP14	DCK2613	DCS1	DC0621T	TKY20F
6800 01461201	L -27050 - 08	27	50	110							
6800 01561101	C5 -DWLN R -35060 - 08	35	60	110							
6800 01561201	L -35060 - 08	35	60	110							
6800 01661101	C6 -DWLN R -45065 - 08	45	65	110							
6800 01661201	L -45065 - 08	45	65	110							

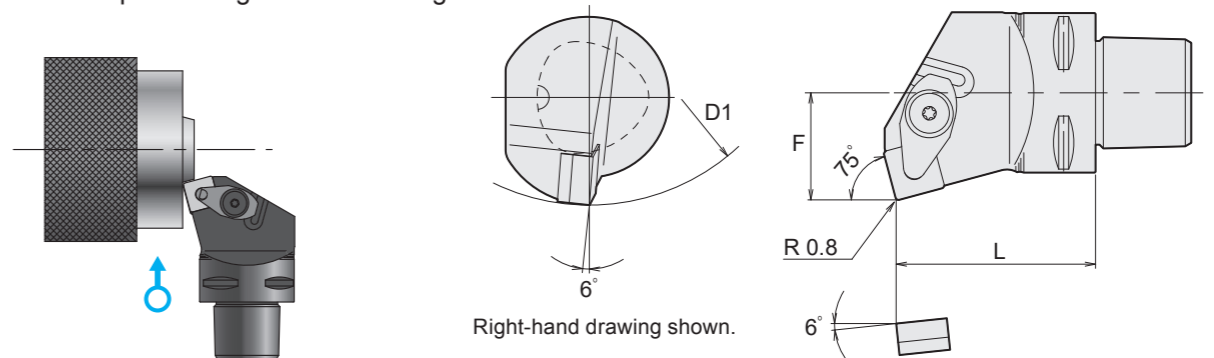
1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

Ordering Example

C4 - DWLN R - 27 050 - 08
 Shank size Model Hand F L Face Length

DSKN

● Double Clamp / For Edge Pull Machining



Right-hand drawing shown.

Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01457101	C4 -DSKN R -27050 - 12	27	50	110	SNM○ SNG○ 1204○○	LLSSN42	LLP14	DCK2613	DCS1	DC0621T	TKY20F
6800 01457201	L -27050 - 12	27	50	110							
6800 01557101	C5 -DSKN R -35060 - 12	35	60	110							
6800 01557201	L -35060 - 12	35	60	110							
6800 01657101	C6 -DSKN R -45065 - 12	45	65	110							
6800 01657201	L -45065 - 12	45	65	110							

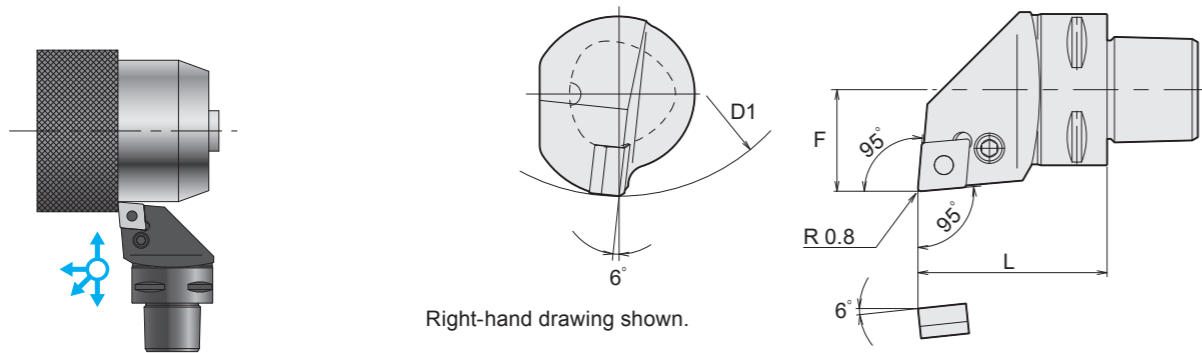
1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

Ordering Example

C4 - DSKN R - 27 050 - 12
 Shank size Model Hand F L Face Length

PCLN

● Lever Lock / For General Machining



Right-hand drawing shown.

Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Lever	Clamp Screw	Wrench	
6800 02311101	C3 -PCLN R -22040 - 09	22	40	70	0903○○	LLSCN3T3	LLP13	LLCL13	LLCS106	HKY25R	
6800 02311201	L -22040 - 09	22	40	70							
6800 02411101	C4 -PCLN R -27050 - 12	27	50	110	CNM○ CNG○	1204○○	LLSCN42	LLP14	LLCL14	LLCS108	HKY30F
6800 02411201	L -27050 - 12	27	50	110							
6800 02511101	C5 -PCLN R -35060 - 12	35	60	110	CNM○ CNG○	1204○○	LLSCN42	LLP14	LLCL14	LLCS108	HKY30F
6800 02511201	L -35060 - 12	35	60	110							
6800 02611101	C6 -PCLN R -45065 - 12	45	65	110	CNM○ CNG○	1204○○	LLSCN42	LLP14	LLCL14	LLCS108	HKY30F
6800 02611201	L -45065 - 12	45	65	110							

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

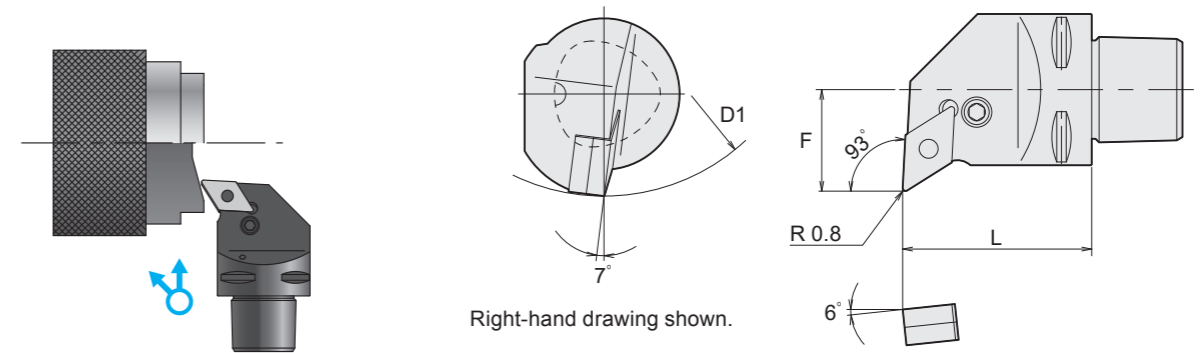
Ordering Example

C4 - PCLN R - 27 050 - 12

Shank size Model Hand F L Face Length

PDUN

● Lever Lock / For Edge · Profile Machining



Right-hand drawing shown.

Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Lever	Clamp Screw	Wrench	
6800 02423101	C4 -PDUN R -27050 - 15	27	50	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02423201	L -27050 - 15	27	50	110							
6800 02523101	C5 -PDUN R -35060 - 15	35	60	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02523201	L -35060 - 15	35	60	110							
6800 02623101	C6 -PDUN R -45065 - 15	45	65	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02623201	L -45065 - 15	45	65	110							

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

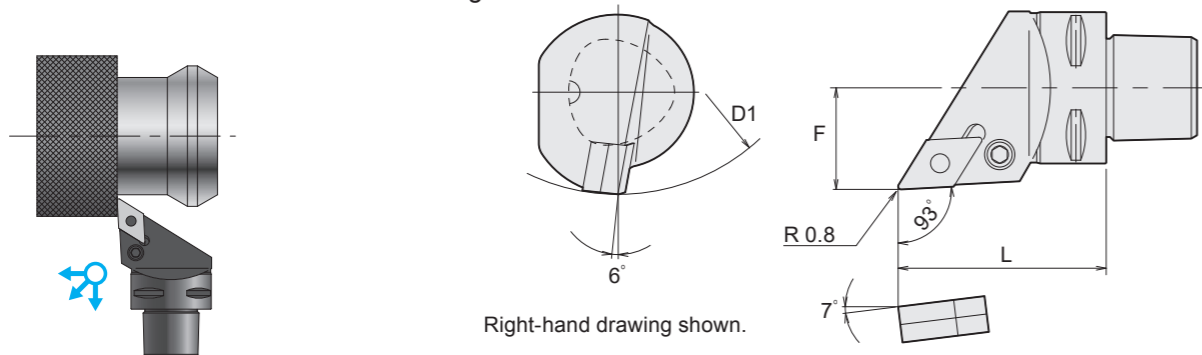
Ordering Example

C4 - PDUN R - 27 050 - 15

Shank size Model Hand F L Face Length

PDJN

● Lever Lock / For Exterior · Profile Machining



Right-hand drawing shown.

Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Lever	Clamp Screw	Wrench	
6800 02422101	C4 -PDJN R -27055 - 15	27	55	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02422201	L -27055 - 15	27	55	110							
6800 02522101	C5 -PDJN R -35060 - 15	35	60	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02522201	L -35060 - 15	35	60	110							
6800 02622101	C6 -PDJN R -45065 - 15	45	65	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02622201	L -45065 - 15	45	65	110							

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

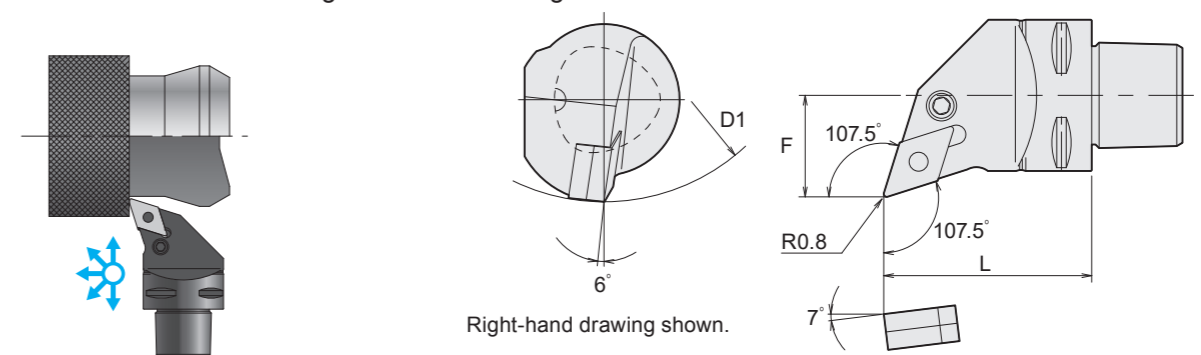
Ordering Example

C4 - PDJN R - 27 055 - 15

Shank size Model Hand F L Face Length

PDHN

● Lever Lock / For Exterior · Edge Profile Machining



Right-hand drawing shown.

Code	Model	F	L	D1	Insert	Accessory (included)					
						Sheet	Sheet Stopper Pin	Clamp Lever	Clamp Screw	Wrench	
6800 02424101	C4 -PDHN R -27055 - 15	27	55	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02424201	L -27055 - 15	27	55	110							
6800 02524101	C5 -PDHN R -35060 - 15	35	60	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02524201	L -35060 - 15	35	60	110							
6800 02624101	C6 -PDHN R -45065 - 15	45	65	110	DNM○ DNG○	1504○○	LLSDN43	LLP14	LLCL24	LLCS108	HKY30R
6800 02624201	L -45065 - 15	45	65	110							

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

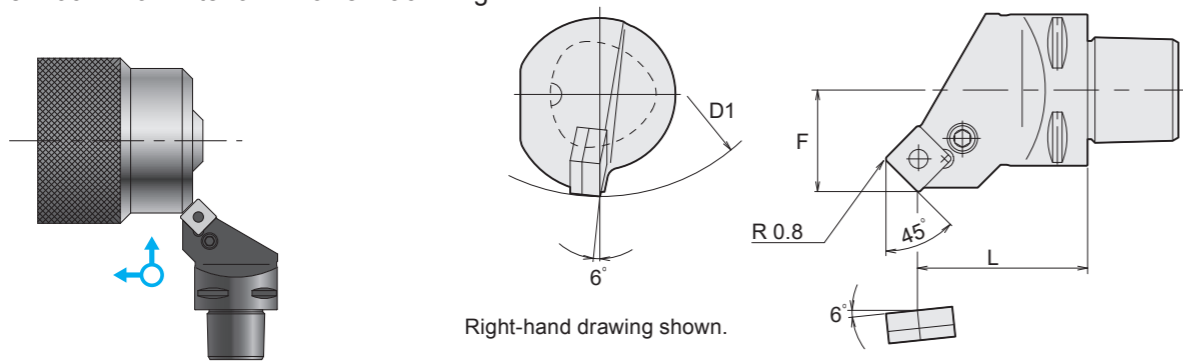
Ordering Example

C4 - PDHN R - 27 055 - 15

Shank size Model Hand F L Face Length

PSSN

● Lever Lock / For Exterior · Profile Machining



Code	Model	F	L	D1	Insert	Accessory (included)				
						Sheet	Sheet Stopper Pin	Clamp Lever	Clamp Screw	Wrench
6800 02355101	C3 -PSSN R -22045 - 12	22	45	90	SNM SNG 1204	LLSSN42	LLP14	LLCL14	LLCS108	HKY30R
6800 02355201	L -22045 - 12	22	45	90						
6800 02455101	C4 -PSSN R -27045 - 12	27	45	110						
6800 02455201	L -27045 - 12	27	45	110						
6800 02555101	C5 -PSSN R -35052 - 12	35	52	110						
6800 02555201	L -35052 - 12	35	52	110						
6800 02655101	C6 -PSSN R -45056 - 12	45	56	110						
6800 02655201	L -45056 - 12	45	56	110						

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

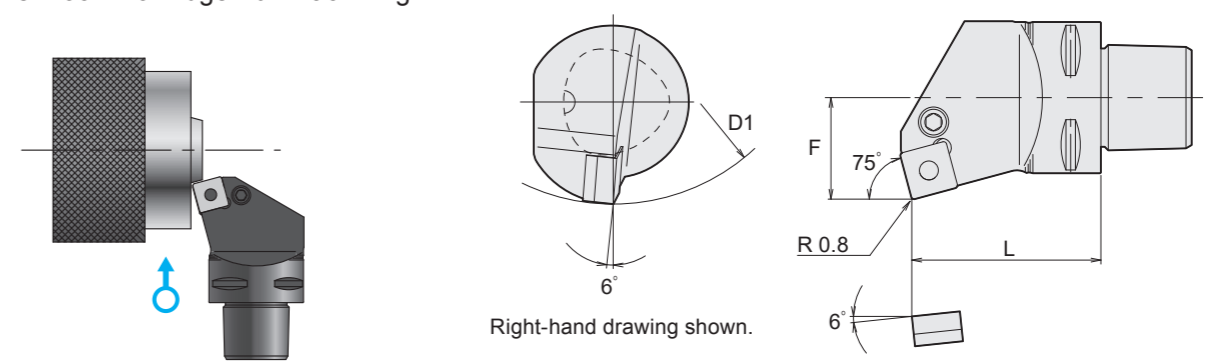
Ordering Example

C4 - PSSN R - 27 045 - 12

Shank size Model Hand F L Face Length

PSKN

● Lever Lock/ For Edge Pull Machining



Code	Model	F	L	D1	Insert	Accessory (included)				
						Sheet	Sheet Stopper Pin	Clamp Lever	Clamp Screw	Wrench
6800 02457101	C4 -PSKN R -27050 - 12	27	50	110	SNM SNG 1204	LLSSN42	LLP14	LLCL14	LLCS108	HKY30R
6800 02457201	L -27050 - 12	27	50	110						
6800 02557101	C5 -PSKN R -35060 - 12	35	60	110						
6800 02557201	L -35060 - 12	35	60	110						
6800 02657101	C6 -PSKN R -45065 - 12	45	65	110						
6800 02657201	L -45065 - 12	45	65	110						

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

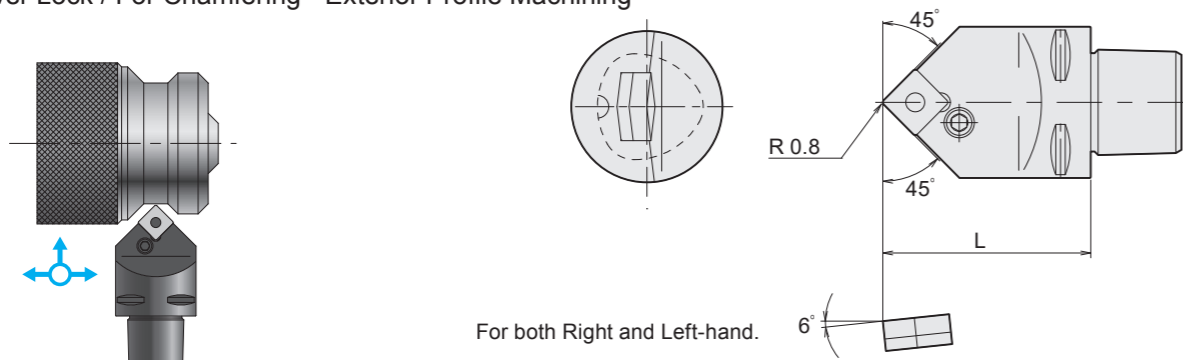
Ordering Example

C4 - PSKN R - 27 050 - 12

Shank size Model Hand F L Face Length

PSDN

● Lever Lock / For Chamfering · Exterior Profile Machining



Code	Model	L	Insert	Accessory (included)				
				Sheet	Sheet Stopper Pin	Clamp Lever	Clamp Screw	Wrench
6800 02358301	C3 -PSDN N -00053 - 12	53	SNM SNG 1204	LLSSN42	LLP14	LLCL14	LLCS108	HKU30R
6800 02458301	C4 -PSDN N -00055 - 12	55						
6800 02558301	C5 -PSDN N -00060 - 12	60						
6800 02658301	C6 -PSDN N -00065 - 12	65						

1. Inserts are not included. Please use ISO Standard inserts.

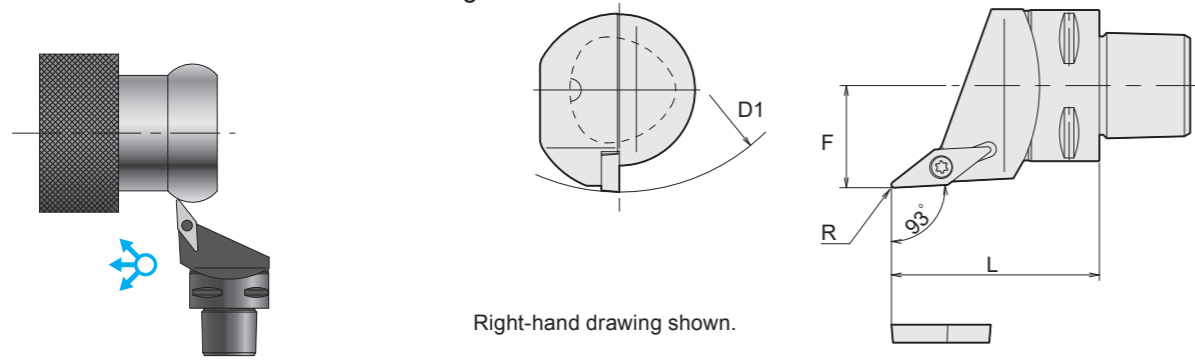
Ordering Example

C4 - PSDN N - 27 055 - 12

Shank size Model F L Face Length

SVJB

● Screw-On / For Exterior · Profile Machining



Right-hand drawing shown.

Code	Model	F	L	D1	R	Insert	Accessory (included)		
							Clamp Screw	Wrench	
6800 03332101	C3 -SVJB R -22045 - 11	22	45	70	0.4	VBMO VBGO	1103OO	TS25	TKY08F
6800 03432201	C4 -SVJB R -27055 - 16	27	55	110	0.8	VBMO VBGO	1604OO	TS43	TKY15F
6800 03532101	C5 -SVJB R -35060 - 16	35	60	110	0.8	VBMO VBGO	1604OO	TS43	TKY15F
6800 03532201	C6 -SVJB R -45065 - 16	45	65	110	0.8	VBMO VBGO	1604OO	TS43	TKY15F

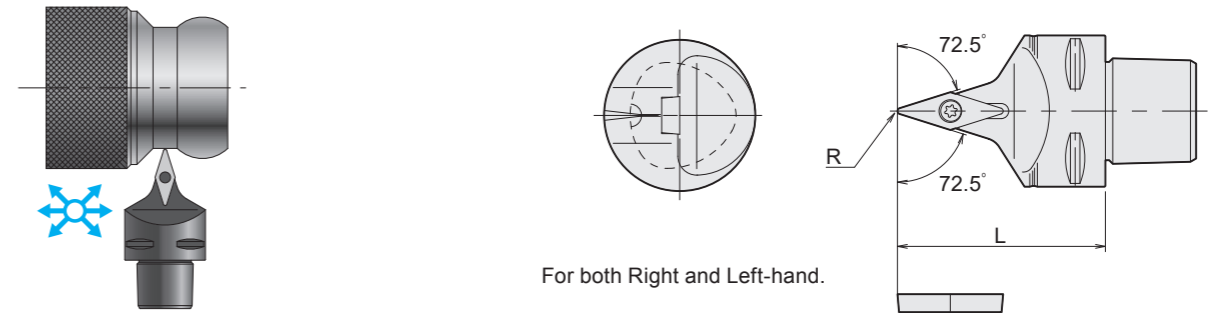
1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

Ordering Example

C4 - SVJB R - 27 055 - 16
 Shank size Model Hand F L Face Length

SVVB

● Screw-On / For Exterior · Profile Machining



For both Right and Left-hand.

Code	Model	L	R	Insert	Accessory (included)		
					Clamp Screw	Wrench	
6800 03330301	C3 -SVVB N -00045 - 11	45	0.4	VBMO VBGO	1103OO	TS25	TKY08F
6800 03430301	C4 -SVVB N -00055 - 16	55	0.8	VBMO VBGO	1604OO	TS43	TKY15F
6800 03530301	C5 -SVVB N -00060 - 16	60	0.8	VBMO VBGO	1604OO	TS43	TKY15F
6800 03630301	C6 -SVVB N -00065 - 16	65	0.8	VBMO VBGO	1604OO	TS43	TKY15F

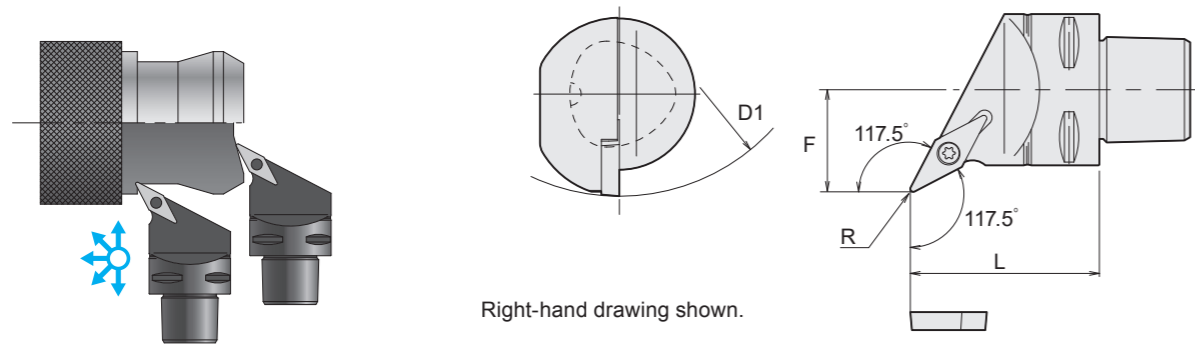
1. Inserts are not included. Please use ISO Standard inserts.

Ordering Example

C4 - SVVB N - 00 055 - 16
 Shank size Model L Face Length

SVQB

● Screw-On / For Exterior · Edge Profile Machining



Right-hand drawing shown.

Code	Model	F	L	D1	R	Insert	Accessory (included)		
							Clamp Screw	Wrench	
6800 03339101	C3 -SVQB R -22040 - 11	22	40	70	0.4	VBMO VBGO	1103OO	TS25	TKY08F
6800 03439201	C4 -SVQB R -27050 - 16	27	50	110	0.8	VBMO VBGO	1604OO	TS43	TKY15F
6800 03539101	C5 -SVQB R -35060 - 16	35	60	110	0.8	VBMO VBGO	1604OO	TS43	TKY15F
6800 03639101	C6 -SVQB R -45065 - 16	45	65	110	0.8	VBMO VBGO	1604OO	TS43	TKY15F

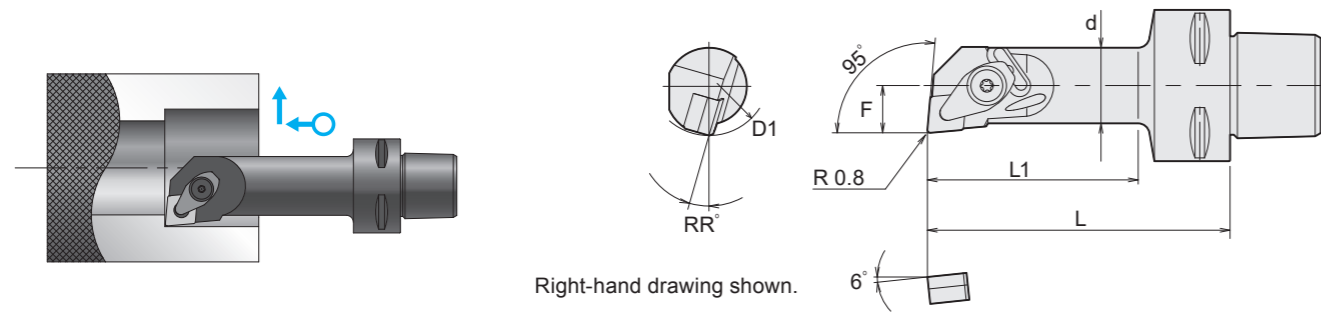
1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

Ordering Example

C4 - SVQB R - 27 050 - 16
 Shank size Model Hand F L Face Length

DCLN

● Double Clamp / For Interior · Edge Machining



Right-hand drawing shown.

Code	Model	F	L	L1	d	D1	RR	Insert	Accessory (included)					
									Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01411111	C4 -DCLN R -13080 - 09	13	80	56	20	32	16	CNM	LLSCN3T3	LLP23	DCK2211	DCS2	DC0520T	TKY15F
6800 01411211	L -13080 - 09	13	80	56	20	32	16	CNG						
6800 01511111	C5 -DCLN R -17090 - 12	17	90	65	25	40	15	CNM	LLSCN42	LLP14	DCK2613	DCS1	DC0621T	TKY20F
6800 01511211	L -17090 - 12	17	90	65	25	40	15	CNG						
6800 01611111	C6 -DCLN R -27140 - 12	27	140	113	40	50	10	CNM						
6800 01611211	L -27140 - 12	27	140	113	40	50	10	CNG						

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

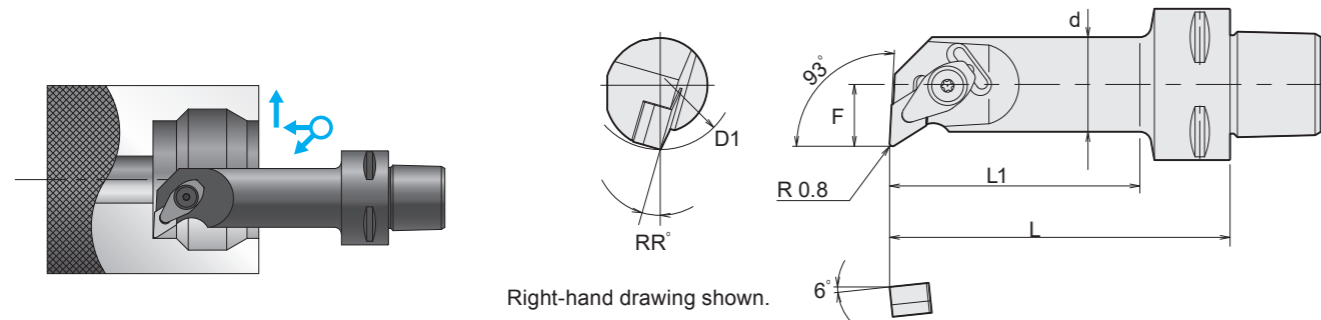
Ordering Example

C4 - DCLN R - 13 080 - 09

Shank size Model Hand F L Face Length

DDUN

● Double Clamp / For Interior · Profile Machining



Right-hand drawing shown.

Code	Model	F	L	L1	d	D1	RR	Insert	Accessory (included)					
									Sheet	Sheet Stopper Pin	Clamp Bridge	Spring	Clamp Screw	Wrench
6800 01423111	C4 -DDUN R -17090 - 11	17	90	66	25	40	16	DNM	LLSDN32	LLP23	DCK2211	DCS2	DC0520T	TKY15F
6800 01423211	L -17090 - 11	17	90	66	25	40	16	DNG						
6800 01523111	C5 -DDUN R -27140 - 15	27	140	117	40	50	12	DNM	LLSDN43	LLP24	DCK2613	DCS1	DC0621T	TKY20F
6800 01523211	L -27140 - 15	27	140	117	40	50	12	DNG						
6800 01623111	C6 -DDUN R -27140 - 15	27	140	113	40	50	12	DNM						
6800 01623211	L -27140 - 15	27	140	113	40	50	12	DNG						

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

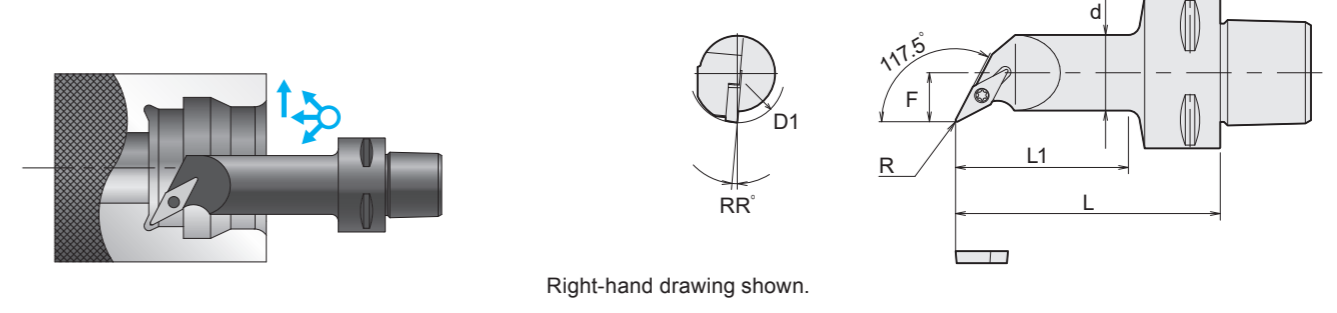
Ordering Example

C4 - DDUN R - 17 090 - 11

Shank size Model Hand F L Face Length

SVQB

● Screw-On / For Undercut Machining



Right-hand drawing shown.

Code	Model	F	L	L1	d	D1	RR	R	Insert	Accessory (included)	
										Clamp Screw	Wrench
6800 03339111	C3 -SVQB R -13070 - 11	13	70	49	16	22	8	0.4	VBM	TS25	TKY08F
6800 03339211	L -13070 - 11	13	70	49	16	22	8	0.4	VBG		
6800 03439111	C4 -SVQB R -13070 - 11	13	70	46	20	25	5	0.4	VBM	TS43	TKY15F
6800 03439211	L -13070 - 11	13	70	46	20	25	5	0.4	VBG		
6800 03539111	C5 -SVQB R -22110 - 16	22	110	86	32	40	7	0.8	VBM		
6800 03539211	L -22110 - 16	22	110	86	32	40	7	0.8	VBG		
6800 03639111	C6 -SVQB R -27145 - 16	27	145	118	40	50	5	0.8	VBM		
6800 03639211	L -27145 - 16	27	145	118	40	50	5	0.8	VBG		

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

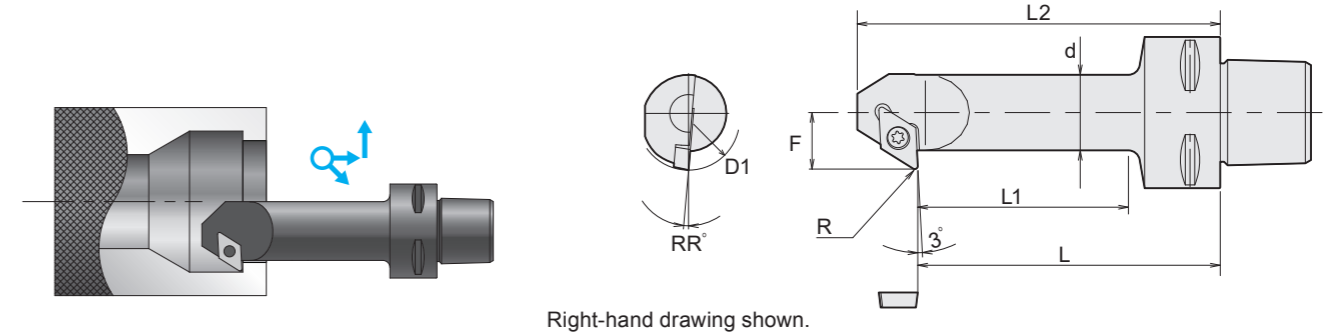
Ordering Example

C4 - SVQB R - 13 070 - 11

Shank size Model Hand F L Face Length

SDZC

● Screw-On / For Back Boring Machining



Right-hand drawing shown.

Code	Model	F	L	L1	L2	d	D1	RR	R	Insert	Accessory (included)	
											Clamp Screw	Wrench
6800 03325111	C3 -SDZC R -15080 - 11	15	80	59	96	20	27	5	0.8			
6800 03325211	L -15080 - 11	15	80	59	96	20	27	5	0.8			
6800 03425111	C4 -SDZC R -15080 - 11	15	80	56	96	20	27	5	0.8	DCM	TS43	TKY15F
6800 03425211	L -15080 - 11	15	80	56	96	20	27	5	0.8	DCG		
6800 03525111	C5 -SDZC R -18090 - 11	18	90	65	106	25	32	8	0.8			
6800 03525211	L -18090 - 11	18	90	65	106	25	32	8	0.8			

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

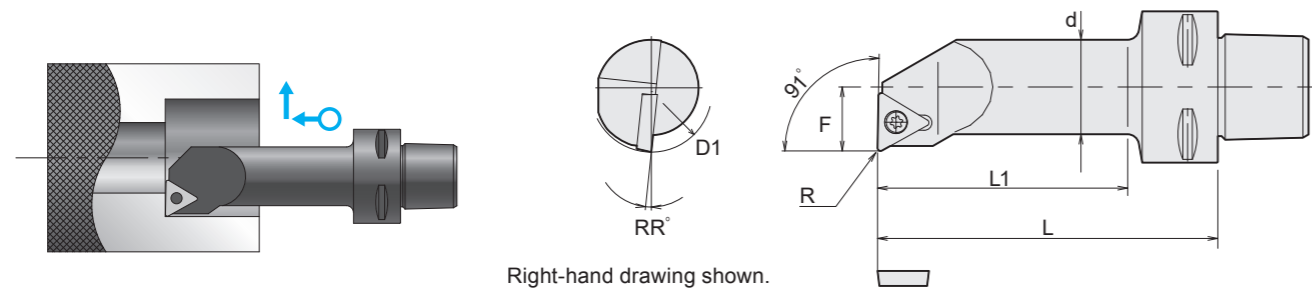
Ordering Example

C4 - SDZC R - 15 080 - 11

Shank size Model Hand F L Face Length

STFC

● Screw-On / For General Boring Machining



Code	Model	F	L	L1	d	D1	RR	R	Insert	Accessory (included)	
										Clamp Screw	Wrench
6800 03341111	C3 -STFC R -13075 - 16	13	75	54	20	25	7	0.8	TCM TCG 16T3	TS43	TKY15F
6800 03341211	L -13075 - 16	13	75	54	20	25	7	0.8			
6800 03441111	C4 -STFC R -17090 - 16	17	90	66	25	32	6	0.8			
6800 03441211	L -17090 - 16	17	90	66	25	32	6	0.8			
6800 03541111	C5 -STFC R -22110 - 16	22	110	86	32	40	5	0.8			
6800 03541211	L -22110 - 16	22	110	86	32	40	5	0.8			

1. Inserts are not included. Please use ISO Standard inserts.
2. The D1 dimension shows the smallest cutting diameter.

Ordering Example

C4 - STFC R - 17 090 - 16

Shank size Model Hand F L Face Length

Combination of indexable inserts

※ Inserts are not available through NT USA

Indexable inserts			Clamp bolt		Wrench		
					Type 1		Type 2
Code	ISO Code	Dimensions	Model	Code	Model	Code	Type
NO.60	TP**0802**		CS200T	8198 00000021	T6-1	6080 00115537	1
NO.27	EP**0402**		F2004T	5001 00217006	T6-2	6080 00217101	2
NO.101	CC*T0602**		CB1-2505	6041 00115676	T8-1	6080 00115590	1
NO.103	CC*T09T3**		CB1-3507 Twincutter φ 29 ~ 37	6041 00115672	T15-1	6080 00115664	1
			CB1-3509 Twincutter φ 36 ~	6041 00115673	T15-1	6080 00115664	1
NO.104	CC*T1204**		CB1-4511	6041 00215149	T20-1	6080 00215150	1
NO.112	SC*T09T3**		CB1-3507 Twincutter φ 29 ~ 7	6041 00115672	T15-1	6080 00115664	1
			CB1-3509 Twincutter φ 36 ~	6041 00115673	T15-1	6080 00115664	1
NO.113	SC*T1204**		CB1-4511	6041 00215149	T20-1	6080 00215150	1
NO.158	TC*T06T1**		5513-020-28	5001 00217001	T6-2	6080 00217101	2
NO.160	TC*T0902**		5513-020-05	5001 00217002	T7-2	6080 00217102	2
NO.161	TC*T1102**		CB1-2505	6041 00115676	T8-1	6080 00115590	1
			5513-020-03 (BCA, BCB, BCC) (for BCA, BCB, BCC)	5001 00217003	T7-2	6080 00217102	2
NO.163	TC*T16T3**		5513-020-02 (for TR, R7 Type)	5001 00217004	T15-2	6080 00217103	2
			5513-020-01 (for TR, R10 Type)	5001 00217005	T15-2	6080 00217103	2
			D4012T (for BCA, BCB, BCC)	5001 00217008	T15-1	6080 00115664	1
NO.210	TB**0601**		CB2-2005	6041 00215387	T6-1	6080 00115537	1
NO.211	WB**0301**		CB2-2004	6041 00215377	T6-1	6080 00115537	1

Indexable inserts

Code	ISO Code	Mitsubishi Materials	Tungaloy	Sumitomo	SANDVIK	KYOCERA	Seco Tools	STELLRAM
NO. 60	TP**0802**	TPGH080202L TPGH080204L TPGX080204 TPGX080208 TPGX080202L TPGX080204L TPMH080202 TPMH080204 TPMX080202L TPMX080204L				TPET0802003L TPET080201L TPET080202L TPGB080202 TPGB080204 TPGB080208 TPGH080201L TPGH080202L TPGH080204L		
NO. 27	EP**0402**							EPEX040202FL EPGT040202E EPGT040204E EPMX040202F EPMX040204F
NO.101	CC*T0602**	CCET060200L CCET060201L CCET060202L CCET0602V3L CCET060204L CCGT060202 CCGT060204 CCGT060201L CCGT060202L CCGT0602V3L CCMT060202 CCMT060204 CCMT060208	CCGT060202 CCGT060204 CCGT060200L CCGT060201L CCGT060202L CCGT060204L CCGT060208L CCGT060200FL CCGT060201FL CCGT060202FL CCGT0602V3L CCMT060202 CCMT060204 CCMT060208	CCGT0602003L CCGT060201L CCGT060202L CCGT060204L CCGT060201N CCGT060202N CCGT060204N CCGT060203L CCGT060208L CCMT060201L CCMT060202L CCMT060204L CCMT060202N CCMT060204N CCMT060208N	CCMT060202 CCMT060204 CCMT060208	CCET0602003FL CCET060201FL CCET060202FL CCGT060201 CCGT060202 CCGT060204 CCGT060201EL CCGT060202EL CCGT060204EL CCGT0602003FL CCGT060201FL CCGT060202FL CCGW060201 CCGW060202 CCMT060202HQ CCMT060204HQ	CCMT060202 CCMT060204 CCMT060208 CCMT060202 CCMT060204	CCGT060201E CCGT060202E CCGT060204E CCMT060202E CCMT060204E CCMT060208E
NO.103	CC*T09T3**	CCET09T300L CCET09T301L CCET09T302L CCET09T3V3L CCET09T304L CCGT09T301 CCGT09T302 CCGT09T308 CCGT09T304 CCGT09T301L CCGT09T302 CCGT09T302L CCGT09T3V3L CCGT09T304 CCMT09T302 CCMT09T304 CCMT09T308	CCGT09T302 CCGT09T304 CCGT09T308 CCGT09T301L CCGT09T302 CCGT09T304 CCGT09T308 CCGT09T300FL CCGT09T301FL CCGT09T302 CCMT09T302 CCMT09T304 CCMW09T304 CCMT09T308	CCGT09T3003L CCGT09T301L CCGT09T302L CCGT09T304L CCGT09T303N CCGT09T301N CCGT09T302N CCMT09T302N CCMT09T304N CCMT09T308N CCMW09T304 CCMW09T308	CCMT09T302 CCMT09T304 CCMT09T308	CCET09T3003FL CCET09T301FL CCET09T302FL CCGT09T301 CCGT09T302 CCGT09T304 CCGT09T304AH CCGT09T308AH CCGT09T301EL CCGT09T302EL CCGT09T304EL CCGT09T301FL CCGT09T302 CCGT09T304 CCGT09T308 CCMT09T308 CCMT09T302 CCMT09T304 CCMT09T308	CCGT09T300E CCGT09T301E CCGT09T302E CCGT09T304E CCGT09T308E CCMT09T304E CCMT09T308E	
NO.104	CC*T1204**	CCMT120404 CCMT120408 CCMT120412	CCMT120408 CCGT120402 CCGT120404 CCGT120408	CCMT120404N CCMT120408N	CCMT120404 CCMT120408 CCMT120412	CCMT120404 CCMT120408 CCMT120412	CCMT120404 CCMT120408 CCMT120412	CCMT120404E CCMT120408E CCMT120412E
NO.112	SC*T09T3**	SCMT09T304 SCMT09T308	SCMT09T302 SCMT09T304 SCMT09T308	SCGT09T302L SCGT09T304L SCMT09T301N SCMT09T302N SCMT09T304N SCMT09T308N SCMW09T308	SCMT09T304 SCMT09T308	SCMT09T304 SCMT09T308	SCMT09T304 SCMT09T308	SCMT09T304E SCMT09T308E

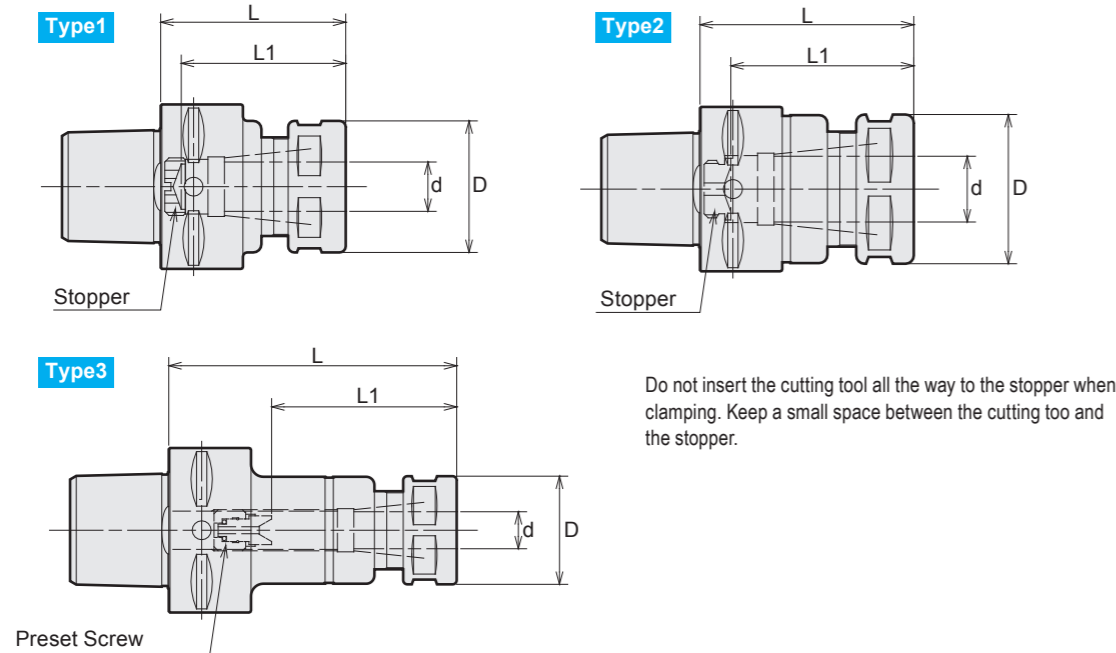
Code	ISO Code	Mitsubishi Materials	Tungaloy	Sumitomo	SANDVIK	KYOCERA	Seco Tools	STELLRAM
NO.113	SC*T1204**	SCMT120404 SCMT120408	SCMT120404 SCMT120408	SCGT120404L SCGT120408L SCMT120404N SCMT120408N SCMT120412N SCMW120408 SCMW120412	SCMT120404 SCMT120408 SCMT120412		SCMT120408 SCMT120412	
NO.158	TC*T06T1**				TCMT06T102 TCMT06T104 TCMT06T108			
NO.160	TC*T0902**	TCMT090204	TCMT090202 TCMT090204 TCGT090202 TCGT090204	TCGT090201L TCGT090202L TCGT090201N TCGT090202N	TCMT090202 TCMT090204 TCMT090208	TCMT090202 TCMT090204		
NO.161	TC*T1102**	TCMT110202 TCMT110204	TCGT110202 TCGT110204 TCGT110208 TCGT110201L TCGT110202L TCGT110200FL TCGT110201FL TCGT110202FL TCMT110202 TCMT110204 TCMT110208	TCGT110201L TCGT110202L TCMT110204N TCMT110208N TCMW110204 TCMW110208	TCMT110202 TCMT110204 TCMT110208	TCMT110202 TCMT110204 TCMT110208	TCMT110202 TCMT110204 TCMT110208	TCMT110202E TCMT110204E TCMT110208E
NO.163	TC*T16T3**	TCMT16T304 TCMT16T308	TCGT16T302 TCGT16T304 TCGT16T308 TCGT16T302L TCGT16T304L TCGT16T308L TCMT16T304 TCMT16T308	TCMT16T304N TCMT16T308N TCMW16T304 TCMW16T308 TCMW16T312	TCMT16T304 TCMT16T308 TCMT16T312	TCMT16T302 TCMT16T304 TCMT16T308 TCMT16T312	TCMT16T302 TCMT16T304 TCMT16T308 TCMT16T312	TCMT16T304E TCMT16T308E
NO.210	TB**0601**					TBMT060102 TBMT060104 TBGW060102 TBGW060104		
NO.211	WB**0301**		WBG030100L WBG030102L WBG030104L					



HDC•A

High-Precision Collet Holder

- Suitable for drilling, reaming and finish endmilling.



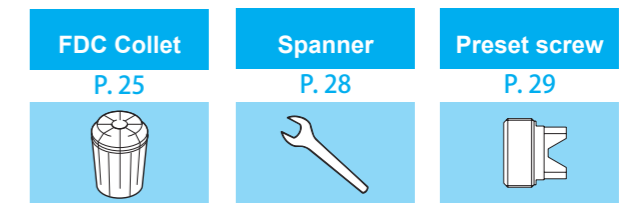
Code	Model	Type	d	L	L1	D	Nut	kg	Collet	Spanner
6700 00307035	C3 -HDC07A -35	1	0.5-7.0	35	24	23	HDP-07A	0.2	FDC-07	S-0
6700 00307045	-45	1	0.5-7.0	45	34	23	HDP-07A	0.2		
6700 00309035	-HDC09A -35	*2	2.5-9.0	35	29	26	HDP-09	0.2		
6700 00309045	-45	1	2.5-9.0	45	34	26	HDP-09	0.2	FDC-09	S-1L
6700 00312036	-HDC12A -36	*2	2.5-12.0	36	31	32	HDP-12	0.2		
6700 00312045	-45	*2	2.5-12.0	45	37	32	HDP-12	0.3		
6700 00316045	-HDC16A -45	*2	3.5-16.0	45	37	36	HDP-16	0.3	FDC-16	S-4L
6700 00407035	C4 -HDC07A -35	*1	0.5-7.0	35	24	23	HDP-07A	0.3		
6700 00407045	-45	1	0.5-7.0	45	34	23	HDP-07A	0.4		
6700 00407052	-52	3	0.5-7.0	52	22 ~ 29	23	HDP-07A	0.4	FDC-07	S-0
6700 00407070	-70	3	0.5-7.0	70	22 ~ 45	23	HDP-07A	0.4		
6700 00409035	-HDC09A -35	*1	2.5-9.0	35	24	26	HDP-09	0.3		
6700 00409045	-45	1	2.5-9.0	45	34	26	HDP-09	0.4	FDC-09	S-1L
6700 00409052	-52	1	2.5-9.0	52	41	26	HDP-09	0.4		
6700 00409070	-70	3	2.5-9.0	70	27 ~ 45	26	HDP-09	0.5		
6700 00412035	-HDC12A -35	*1*2	2.5-12.0	35	31	32	HDP-12	0.3	FDC-12	S-3L
6700 00412045	-45	*2	2.5-12.0	45	38	32	HDP-12	0.4		
6700 00412052	-52	1	2.5-12.0	52	40	32	HDP-12	0.4		
6700 00412070	-70	3	2.5-12.0	70	33 ~ 45	32	HDP-12	0.5		
6700 00416038	-HDC16A -38	*1*2	3.5-16.0	38	36	36	HDP-16	0.3		
6700 00416052	-52	*2	3.5-16.0	52	44	36	HDP-16	0.4	FDC-16	S-4L
6700 00422054	-HDC22A -54	*2	3.5-22.0	54	47	46	HDP-22	0.5		

Code	Model	Type	d	L	L1	D	Nut	kg	Collet	Spanner
6700 00507060	C5 -HDC07A -60	1	0.5-7.0	60	47	23	HDP-07A	0.6	FDC-07	S-0
6700 00507075	-75	3	0.5-7.0	75	22 ~ 37	23	HDP-07A	0.6		
6700 00507105	-105	3	0.5-7.0	105	22 ~ 45	23	HDP-07A	0.7		
6700 00507135	-135	3	0.5-7.0	135	22 ~ 45	23	HDP-07A	0.8		
6700 00509060	-HDC09A -60	1	2.5-9.0	60	47	26	HDP-09	0.6	FDC-09	S-1L
6700 00509075	-75	3	2.5-9.0	75	27 ~ 37	26	HDP-09	0.7		
6700 00509105	-105	3	2.5-9.0	105	27 ~ 57	26	HDP-09	0.8		
6700 00509135	-135	3	2.5-9.0	135	27 ~ 57	26	HDP-09	0.9		
6700 00512060	-HDC12A -60	1	2.5-12.0	60	43	32	HDP-12	0.6	FDC-12	S-3L
6700 00512075	-75	1	2.5-12.0	75	58	32	HDP-12	0.7		
6700 00512105	-105	3	2.5-12.0	105	33 ~ 69	32	HDP-12	0.9		
6700 00512135	-135	3	2.5-12.0	135	33 ~ 69	32	HDP-12	1.0		
6700 00516060	-HDC16A -60	1	3.5-16.0	60	38	36	HDP-16	0.7	FDC-16	S-4L
6700 00516075	-75	1	3.5-16.0	75	53	36	HDP-16	0.8		
6700 00516105	-105	3	3.5-16.0	105	38 ~ 73	36	HDP-16	1.0		
6700 00516135	-135	3	3.5-16.0	135	38 ~ 82	36	HDP-16	1.2		
6700 00516150	-150	3	3.5-16.0	150	38 ~ 82	36	HDP-16	1.3		
6700 00522075	-HDC22A -75	2	3.5-22.0	75	57	46	HDP-22	0.9		
6700 00522105	-105	3	3.5-22.0	105	47 ~ 68	46	HDP-22	1.2		
6700 00522135	-135	3	3.5-22.0	135	47 ~ 98	46	HDP-22	1.5		
6700 00522150	-150	3	3.5-22.0	150	47 ~ 103	46	HDP-22	1.7		
6700 00607060	C6 -HDC07A -60	1	0.5-7.0	60	45	23	HDP-07A	0.9	FDC-07	S-0
6700 00607075	-75	3	0.5-7.0	75	22 ~ 37	23	HDP-07A	1.0		
6700 00607105	-105	3	0.5-7.0	105	22 ~ 45	23	HDP-07A	1.1		
6700 00607135	-135	3	0.5-7.0	135	22 ~ 45	23	HDP-07A	1.2	FDC-09	S-1L
6700 00609060	-HDC09A -60	1	2.5-9.0	60	45	26	HDP-09	1.0		
6700 00609075	-75	3	2.5-9.0	75	27 ~ 37	26	HDP-09	1.0		
6700 00609105	-105	3	2.5-9.0	105	27 ~ 57	26	HDP-09	1.1		
6700 00609135	-135	3	2.5-9.0	135	27 ~ 57	26	HDP-09	1.2	FDC-12	S-3L
6700 00612060	-HDC12A -60	1	2.5-12.0	60	45	32	HDP-12	1.0		
6700 00612075	-75	1	2.5-12.0	75	60	32	HDP-12	1.1		
6700 00612105	-105	3	2.5-12.0	105	33 ~ 64	32	HDP-12	1.2		
6700 00612135	-135	3	2.5-12.0	135	33 ~ 69	32	HDP-12	1.4		
6700 00616060	-HDC16A -60	1	3.5-16.0	60	41	36	HDP-16	1.0	FDC-16	S-4L
6700 00616075	-75	1	3.5-16.0	75	56	36	HDP-16	1.1		
6700 00616105	-105	3	3.5-16.0	105	38 ~ 65	36	HDP-16	1.3		
6700 00616135	-135	3	3.5-16.0	135	38 ~ 82	36	HDP-16	1.5		
6700 00616150	-150	3	3.5-16.0	150	38 ~ 82	36	HDP-16	1.6		
6700 00622075	-HDC22A -75	2	3.5-22.0	75	56	46	HDP-22	1.3		
6700 00622105	-105	3	3.5-22.0	105	47 ~ 68	46	HDP-22	1.6		
6700 00622135	-135	3	3.5-22.0	135	47 ~ 98	46	HDP-22	1.9		
6700 00622150	-150	3	3.5-22.0	150	47 ~ 103	46	HDP-22	2.0		

1. Collet, spanner are sold separately.
2. About type3 holder :
Standard preset screw is included. Hexagon head preset screw, preset screw for semi-dry processing are sold separately.
L1 indicates dimension when using with a preset screw.
3. *1 Not compatible with automatic tool change (ATC).
4. *2 For use with segment clamp only. Not compatible with draw-bolt clamping systems.

Ordering Example

C3 - HDC07A - 35
 Shank size Max. collet I.D. Projection length

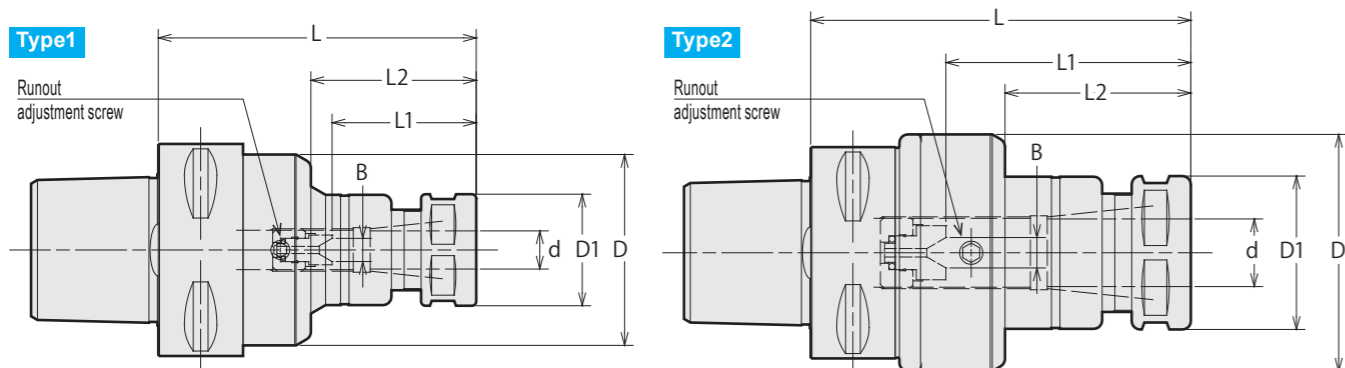


HDZ

"R"Zero Holder

※ Available on C5 and C6 only

- Runout accuracy of the cutting edge can be adjusted as closely as to zero.



Code	Model	Type	d	L	L1	L2	B	D	D1	Nut	Collet	Spanner	Wrench
6750 00507090	C5 -HDZ07 - 90	1	0.5 - 7.0	90	22 ~ 45	39	0 ~ 4	41	23	HDP-07A	FDC-07	S-0	L-3T
6750 00507120	-120	1	0.5 - 7.0	120	22 ~ 45	84	0 ~ 4	41	23	HDP-07A	FDC-07	S-0	L-3T
6750 00509090	-HDZ09 - 90	1	2.5 - 9.0	90	27 ~ 52	39	0 ~ 4	45	26	HDP-09	FDC-09	S-1L	L-3T
6750 00509120	-120	1	2.5 - 9.0	120	27 ~ 57	84	0 ~ 4	45	26	HDP-09	FDC-09	S-1L	L-3T
6750 00512090	-HDZ12 - 90	2	2.5 - 12.0	90	33 ~ 49	44	0 ~ 5	52	32	HDP-12	FDC-12	S-3L	L-4T
6750 00512135	-135	2	2.5 - 12.0	135	33 ~ 69	89	0 ~ 5	52	32	HDP-12	FDC-12	S-3L	L-4T
6750 00516090	-HDZ16 - 90	2	3.5 - 16.0	90	38 ~ 58	44	0 ~ 6	56	36	HDP-16	FDC-16	S-4L	L-4T
6750 00516135	-135	2	3.5 - 16.0	135	38 ~ 82	89	0 ~ 6	56	36	HDP-16	FDC-16	S-4L	L-4T
6750 00607090	C6 -HDZ07 - 90	1	0.5 - 7.0	90	22 ~ 45	37	0 ~ 4	41	23	HDP-07A	FDC-07	S-0	L-3T
6750 00607120	-120	1	0.5 - 7.0	120	22 ~ 45	82	0 ~ 4	41	23	HDP-07A	FDC-07	S-0	L-3T
6750 00609090	-HDZ09 - 90	1	2.5 - 9.0	90	27 ~ 52	37	0 ~ 4	45	26	HDP-09	FDC-09	S-1L	L-3T
6750 00609120	-120	1	2.5 - 9.0	120	27 ~ 57	82	0 ~ 4	45	26	HDP-09	FDC-09	S-1L	L-3T
6750 00612090	-HDZ12 - 90	1	2.5 - 12.0	90	33 ~ 49	48	0 ~ 5	56	32	HDP-12	FDC-12	S-3L	L-4T
6750 00612135	-135	1	2.5 - 12.0	135	33 ~ 69	93	0 ~ 5	56	32	HDP-12	FDC-12	S-3L	L-4T
6750 00616090	-HDZ16 - 90	1	3.5 - 16.0	90	38 ~ 50	48	0 ~ 6	62	36	HDP-16	FDC-16	S-4L	L-4T
6750 00616135	-135	1	3.5 - 16.0	135	38 ~ 82	93	0 ~ 6	62	36	HDP-16	FDC-16	S-4L	L-4T
6750 00622105	-HDZ22A -105	2	3.5 - 22.0	105	47 ~ 68	53	0 ~ 8	69	46	HDP-22	FDC-22	S-5L	L-6T
6750 00622150	-150	2	3.5 - 22.0	150	47 ~ 103	98	0 ~ 8	69	46	HDP-22	FDC-22	S-5L	L-6T

1. Collet, spanner, hexagon head preset screw, preset screw for semi-dry processing, and adjustment wrench are sold separately. Standard preset screw is included.
2. "L1" indicates dimension when using with a preset screw.

Ordering Example

C5 - HDZ12 - 90

Shank size Max. collet I.D. Projection length

Adjustment wrench

Model	Code
L-3T (3mm)	6080 00000030
L-4T (4mm)	6080 00115576
L-6T (6mm)	6080 00115578

FDC Collet	Spanner	Preset screw
P. 25	P. 28	P. 29

FDC-AA

High-Precision Collet

AA Collets collapse by 0.5mm

Tool shank dia.		Model				
mm (inch)	inch	FDC-07-AA	FDC-09-AA	FDC-12-AA	FDC-16-AA	FDC-22-AA
φ 0.5 ~ 1.0	φ 0.020 ~ 0.039	FDC-01007-AA	—	—	—	—
φ 1.0 ~ 1.5	φ 0.039 ~ 0.059	FDC-01507-AA	—	—	—	—
φ 1.5 ~ 2.0	φ 0.059 ~ 0.079	FDC-02007-AA	—	—	—	—
φ 2.0 ~ 2.5	φ 0.079 ~ 0.098	FDC-02507-AA	—	—	—	—
φ 2.5 ~ 3.0	φ 0.098 ~ 0.118	FDC-03007-AA	FDC-03009-AA	FDC-03012-AA	—	—
φ 3.0 ~ 3.5 (1/8")	φ 0.118 ~ 0.138	FDC-03507-AA	FDC-03509-AA	FDC-03512-AA	—	—
φ 3.5 ~ 4.0	φ 0.138 ~ 0.157	FDC-04007-AA	FDC-04009-AA	FDC-04012-AA	FDC-04016-AA	FDC-04022-AA
φ 4.0 ~ 4.5	φ 0.157 ~ 0.177	FDC-04507-AA	FDC-04509-AA	FDC-04512-AA	FDC-04516-AA	FDC-04522-AA
φ 4.5 ~ 5.0 (3/16")	φ 0.177 ~ 0.197	FDC-05007-AA	FDC-05009-AA	FDC-05012-AA	FDC-05016-AA	FDC-05022-AA
φ 5.0 ~ 5.5	φ 0.197 ~ 0.217	FDC-05507-AA	FDC-05509-AA	FDC-05512-AA	FDC-05516-AA	FDC-05522-AA
φ 5.5 ~ 6.0	φ 0.217 ~ 0.236	FDC-06007-AA	FDC-06009-AA	FDC-06012-AA	FDC-06016-AA	FDC-06022-AA
φ 6.0 ~ 6.5 (1/4")	φ 0.236 ~ 0.256	FDC-06507-AA	FDC-06509-AA	FDC-06512-AA	FDC-06516-AA	FDC-06522-AA
φ 6.5 ~ 7.0	φ 0.256 ~ 0.276	FDC-07007-AA	FDC-07009-AA	FDC-07012-AA	FDC-07016-AA	FDC-07022-AA
φ 7.0 ~ 7.5	φ 0.276 ~ 0.295	—	FDC-07509-AA	FDC-07512-AA	FDC-07516-AA	FDC-07522-AA
φ 7.5 ~ 8.0 (5/16")	φ 0.295 ~ 0.315	—	FDC-08009-AA	FDC-08012-AA	FDC-08016-AA	FDC-08022-AA
φ 8.0 ~ 8.5	φ 0.315 ~ 0.335	—	FDC-08509-AA	FDC-08512-AA	FDC-08516-AA	FDC-08522-AA
φ 8.5 ~ 9.0	φ 0.335 ~ 0.354	—	FDC-09009-AA	FDC-09012-AA	FDC-09016-AA	FDC-09022-AA
φ 9.0 ~ 9.5	φ 0.354 ~ 0.374	—	—	FDC-09512-AA	FDC-09516-AA	FDC-09522-AA
φ 9.5 ~ 10.0 (3/8")	φ 0.374 ~ 0.394	—	—	FDC-10012-AA	FDC-10016-AA	FDC-10022-AA
φ 10.0 ~ 10.5	φ 0.394 ~ 0.413	—	—	FDC-10512-AA	FDC-10516-AA	FDC-10522-AA
φ 10.5 ~ 11.0	φ 0.413 ~ 0.433	—	—	FDC-11012-AA	FDC-11016-AA	FDC-11022-AA
φ 11.0 ~ 11.5 (7/16")	φ 0.433 ~ 0.453	—	—	FDC-11512-AA	FDC-11516-AA	FDC-11522-AA
φ 11.5 ~ 12.0	φ 0.453 ~ 0.472	—	—	FDC-12012-AA	FDC-12016-AA	FDC-12022-AA
φ 12.0 ~ 12.5	φ 0.472 ~ 0.492	—	—	—	FDC-12516-AA	FDC-12522-AA
φ 12.5 ~ 13.0 (1/2")	φ 0.492 ~ 0.512	—	—	—	FDC-13016-AA	FDC-13022-AA
φ 13.0 ~ 13.5	φ 0.512 ~ 0.531	—	—	—	FDC-13516-AA	FDC-13522-AA
φ 13.5 ~ 14.0	φ 0.531 ~ 0.551	—	—	—	FDC-14016-AA	FDC-14022-AA
φ 14.0 ~ 14.5	φ 0.551 ~ 0.571	—	—	—	FDC-14516-AA	FDC-14522-AA
φ 14.5 ~ 15.0	φ 0.571 ~ 0.591	—	—	—	FDC-15016-AA	FDC-15022-AA
φ 15.0 ~ 15.5	φ 0.591 ~ 0.610	—	—	—	FDC-15516-AA	FDC-15522-AA
φ 15.5 ~ 16.0 (5/8")	φ 0.610 ~ 0.630	—	—	—	FDC-16016-AA	FDC-16022-AA
φ 16.0 ~ 16.5	φ 0.630 ~ 0.650	—	—	—	—	FDC-16522-AA
φ 16.5 ~ 17.0	φ 0.650 ~ 0.669	—	—	—	—	FDC-17022-AA
φ 17.0 ~ 17.5	φ 0.669 ~ 0.689	—	—	—	—	FDC-17522-AA
φ 17.5 ~ 18.0	φ 0.689 ~ 0.709	—	—	—	—	FDC-18022-AA
φ 18.0 ~ 18.5	φ 0.709 ~ 0.728	—	—	—	—	FDC-18522-AA
φ 18.5 ~ 19.0	φ 0.728 ~ 0.748	—	—	—	—	FDC-19022-AA
φ 19.0 ~ 19.5 (3/4")	φ 0.748 ~ 0.768	—	—	—	—	FDC-19522-AA
φ 19.5 ~ 20.0	φ 0.768 ~ 0.787	—	—	—	—	FDC-20022-AA
φ 20.0 ~ 20.5	φ 0.787 ~ 0.807	—	—	—	—	FDC-20522AA
φ 20.5 ~ 21.0	φ 0.807 ~ 0.827	—	—	—	—	FDC-21022AA
φ 21.0 ~ 21.5	φ 0.827 ~ 0.846	—	—	—	—	FDC-21522AA
φ 21.5 ~ 22.0	φ 0.846 ~ 0.866	—	—	—	—	FDC-22022AA

Selection example of collet

Accuracy (4 × d) AA (5μm)

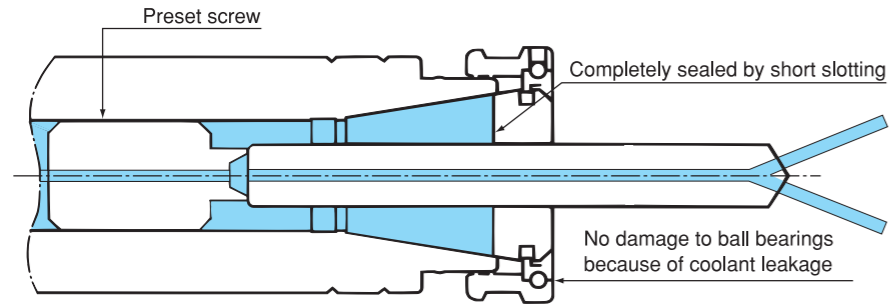
FDC - 060 12 AA

Max. chucking dia. 12 Series Accuracy

To clamp φ10.0 tool shank, there are 2 collets, φ10.0 and φ10.5 collets. We suggest you select φ10.0 collet for higher accuracy and (stronger) clamping force

FDC-OHAA

High-Precision Collet (For Tool With Coolant Hole)



OHAA Coolant collets collapse by 0.1mm

Tool shank dia.		Model				
mm (inch)	inch	FDC-07-OHAA	FDC-09-OHAA	FDC-12-OHAA	FDC-16-OHAA	FDC-22-OHAA
φ 3.0	φ 0.118	FDC-03007-OHAA	FDC-03009-OHAA	FDC-03012-OHAA	-	-
φ 3.2 (1/8")	φ 0.125	FDC-03207-OHAA	FDC-03209-OHAA	FDC-03212-OHAA	-	-
φ 3.5	φ 0.138	FDC-03507-OHAA	FDC-03509-OHAA	FDC-03512-OHAA	-	-
φ 4.0	φ 0.157	FDC-04007-OHAA	FDC-04009-OHAA	FDC-04012-OHAA	-	-
φ 4.2	φ 0.165	FDC-04207-OHAA	FDC-04209-OHAA	FDC-04212-OHAA	-	-
φ 4.5	φ 0.177	FDC-04507-OHAA	FDC-04509-OHAA	FDC-04512-OHAA	-	-
φ 4.8 (3/16")	φ 0.187	FDC-04807-OHAA	FDC-04809-OHAA	FDC-04812-OHAA	-	-
φ 5.0	φ 0.197	FDC-05007-OHAA	FDC-05009-OHAA	FDC-05012-OHAA	-	-
φ 5.5	φ 0.217	FDC-05507-OHAA	FDC-05509-OHAA	FDC-05512-OHAA	-	-
φ 6.0	φ 0.236	FDC-06007-OHAA	FDC-06009-OHAA	FDC-06012-OHAA	FDC-06016-OHAA	FDC-06022-OHAA
φ 6.4 (1/4")	φ 0.250	FDC-06407-OHAA	FDC-06409-OHAA	FDC-06412-OHAA	FDC-06416-OHAA	FDC-06422-OHAA
φ 6.5	φ 0.256	FDC-06507-OHAA	FDC-06509-OHAA	FDC-06512-OHAA	FDC-06516-OHAA	FDC-06522-OHAA
φ 6.8	φ 0.268	FDC-06807-OHAA	FDC-06809-OHAA	FDC-06812-OHAA	FDC-06816-OHAA	FDC-06822-OHAA
φ 7.0	φ 0.276	FDC-07007-OHAA	FDC-07009-OHAA	FDC-07012-OHAA	FDC-07016-OHAA	FDC-07022-OHAA
φ 7.5	φ 0.295	-	FDC-07509-OHAA	FDC-07512-OHAA	FDC-07516-OHAA	FDC-07522-OHAA
φ 8.0 (5/16")	φ 0.315	-	FDC-08009-OHAA	FDC-08012-OHAA	FDC-08016-OHAA	FDC-08022-OHAA
φ 8.5	φ 0.335	-	FDC-08509-OHAA	FDC-08512-OHAA	FDC-08516-OHAA	FDC-08522-OHAA
φ 9.0	φ 0.354	-	FDC-09009-OHAA	FDC-09012-OHAA	FDC-09016-OHAA	FDC-09022-OHAA
φ 9.5	φ 0.374	-	-	FDC-09512-OHAA	FDC-09516-OHAA	FDC-09522-OHAA
φ 9.6 (3/8")	φ 0.375	-	-	FDC-09612-OHAA	FDC-09616-OHAA	FDC-09622-OHAA
φ 10.0	φ 0.394	-	-	FDC-10012-OHAA	FDC-10016-OHAA	FDC-10022-OHAA
φ 10.2	φ 0.402	-	-	FDC-10212-OHAA	FDC-10216-OHAA	FDC-10222-OHAA
φ 10.5	φ 0.413	-	-	FDC-10512-OHAA	FDC-10516-OHAA	FDC-10522-OHAA
φ 11.0	φ 0.433	-	-	FDC-11012-OHAA	FDC-11016-OHAA	FDC-11022-OHAA
φ 11.2 (7/16")	φ 0.437	-	-	FDC-11212-OHAA	FDC-11216-OHAA	FDC-11222-OHAA
φ 11.5	φ 0.453	-	-	FDC-11512-OHAA	FDC-11516-OHAA	FDC-11522-OHAA
φ 12.0	φ 0.472	-	-	FDC-12012-OHAA	FDC-12016-OHAA	FDC-12022-OHAA
φ 12.5	φ 0.492	-	-	-	FDC-12516-OHAA	FDC-12522-OHAA
φ 12.7 (1/2")	φ 0.500	-	-	-	FDC-12746-OHAA	FDC-12722-OHAA
φ 13.0	φ 0.512	-	-	-	FDC-13016-OHAA	FDC-13022-OHAA
φ 13.5	φ 0.531	-	-	-	FDC-13516-OHAA	FDC-13522-OHAA
φ 14.0	φ 0.551	-	-	-	FDC-14016-OHAA	FDC-14022-OHAA
φ 14.5	φ 0.571	-	-	-	FDC-14516-OHAA	FDC-14522-OHAA
φ 15.0	φ 0.591	-	-	-	FDC-15016-OHAA	FDC-15022-OHAA
φ 15.5	φ 0.610	-	-	-	FDC-15516-OHAA	FDC-15522-OHAA
φ 16.0 (5/8")	φ 0.630	-	-	-	FDC-16016-OHAA	FDC-16022-OHAA
φ 16.5	φ 0.650	-	-	-	-	FDC-16522-OHAA
φ 17.0	φ 0.669	-	-	-	-	FDC-17022-OHAA
φ 17.5	φ 0.689	-	-	-	-	FDC-17522-OHAA
φ 18.0	φ 0.709	-	-	-	-	FDC-18022-OHAA
φ 18.5	φ 0.728	-	-	-	-	FDC-18522-OHAA
φ 19.0	φ 0.748	-	-	-	-	FDC-19022-OHAA
φ 19.1 (3/4")	φ 0.750	-	-	-	-	FDC-19122-OHAA
φ 19.5	φ 0.768	-	-	-	-	FDC-19522-OHAA
φ 20.0	φ 0.787	-	-	-	-	FDC-20022-OHAA
φ 20.5	φ 0.807	-	-	-	-	FDC-20522-OHAA
φ 21.0	φ 0.827	-	-	-	-	FDC-21022-OHAA
φ 21.5	φ 0.846	-	-	-	-	FDC-21522-OHAA
φ 22.0	φ 0.866	-	-	-	-	FDC-22022-OHAA

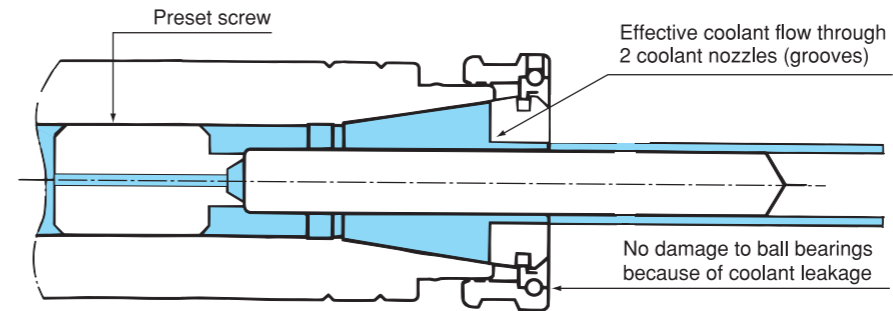
1. Collet sizes not listed above are available upon request.

Accuracy (4 × d) AA (5µm)

Ordering Example
FDC - 060 12 - OH AA
 Max. chucking dia. 12 Series Accuracy

FDC-CAA

High-Precision Collet (For Collet Through)



CAA Coolant collets collapse by 0.1mm

Tool shank dia.		Model				
mm	inch	FDC-07-CAA	FDC-09-CAA	FDC-12-CAA	FDC-16-CAA	FDC-22-CAA
φ 3.0	φ 0.118	FDC-03007-CAA	FDC-03009-CAA	FDC-03012-CAA	-	-
φ 3.2	φ 0.125	FDC-03207-CAA	FDC-03209-CAA	FDC-03212-CAA	-	-
φ 3.5	φ 0.138	FDC-03507-CAA	FDC-03509-CAA	FDC-03512-CAA	-	-
φ 4.0	φ 0.157	FDC-04007-CAA	FDC-04009-CAA	FDC-04012-CAA	-	-
φ 4.2	φ 0.165	FDC-04207-CAA	FDC-04209-CAA	FDC-04212-CAA	-	-
φ 4.5	φ 0.177	FDC-04507-CAA	FDC-04509-CAA	FDC-04512-CAA	-	-
φ 4.8	φ 0.187	FDC-04807-CAA	FDC-04809-CAA	FDC-04812-CAA	-	-
φ 5.0	φ 0.197	FDC-05007-CAA	FDC-05009-CAA	FDC-05012-CAA	-	-
φ 5.5	φ 0.217	FDC-05507-CAA	FDC-05509-CAA	FDC-05512-CAA	-	-
φ 6.0	φ 0.236	FDC-06007-CAA	FDC-06009-CAA	FDC-06012-CAA	FDC-06016-CAA	FDC-06022-CAA
φ 6.4	φ 0.250	FDC-06407-CAA	FDC-06409-CAA	FDC-06412-CAA	FDC-06416-CAA	FDC-06422-CAA
φ 6.5	φ 0.256	FDC-06507-CAA	FDC-06509-CAA	FDC-06512-CAA	FDC-06516-CAA	FDC-06522-CAA
φ 6.8	φ 0.268	FDC-06807-CAA	FDC-06809-CAA	FDC-06812-CAA	FDC-06816-CAA	FDC-06822-CAA
φ 7.0	φ 0.276	FDC-07007-CAA	FDC-07009-CAA	FDC-07012-CAA	FDC-07016-CAA	FDC-07022-CAA
φ 7.5	φ 0.295	-	FDC-07509-CAA	FDC-07512-CAA	FDC-07516-CAA	FDC-07522-CAA
φ 8.0	φ 0.315	-	FDC-08009-CAA	FDC-08012-CAA	FDC-08016-CAA	FDC-08022-CAA
φ 8.5	φ 0.335	-	FDC-08509-CAA	FDC-08512-CAA	FDC-08516-CAA	FDC-08522-CAA
φ 9.0	φ 0.354	-	FDC-09009-CAA	FDC-09012-CAA	FDC-09016-CAA	FDC-09022-CAA
φ 9.5	φ 0.374	-	-	FDC-09512-CAA	FDC-09516-CAA	FDC-09522-CAA
φ 9.6	φ 0.375	-	-	FDC-09612-CAA	FDC-09616-CAA	FDC-09622-CAA
φ 10.0	φ 0.394	-	-	FDC-10012-CAA	FDC-10016-CAA	FDC-10022-CAA
φ 10.2	φ 0.402	-	-	FDC-10212-CAA	FDC-10216-CAA	FDC-10222-CAA
φ 10.5	φ 0.413	-	-	FDC-10512-CAA	FDC-10516-CAA	FDC-10522-CAA
φ 11.0	φ 0.433	-	-	FDC-11012-CAA	FDC-11016-CAA	FDC-11022-CAA
φ 11.2	φ 0.437	-	-	FDC-11212-CAA	FDC-11216-CAA	FDC-11222-CAA
φ 11.5	φ 0.453	-	-	FDC-11512-CAA	FDC-11516-CAA	FDC-11522-CAA
φ 12.0	φ 0.472	-	-	FDC-12012-CAA	FDC-12016-CAA	FDC-12022-CAA
φ 12.5	φ 0.492	-	-	FDC-12512-CAA	FDC-12516-CAA	FDC-12522-CAA
φ 13.0	φ 0.512	-	-	-	FDC-13016-CAA	FDC-13022-CAA
φ 13.5	φ 0.531	-	-	-	FDC-13516-CAA	FDC-13522-CAA
φ 14.0	φ 0.551	-	-	-	FDC-14016-CAA	FDC-14022-CAA
φ 14.5	φ 0.571	-	-	-	FDC-14516-CAA	FDC-14522-CAA
φ 15.0	φ 0.591	-	-	-	FDC-15016-CAA	FDC-15022-CAA
φ 15.5	φ 0.610	-	-	-	FDC-15516-CAA	FDC-15522-CAA
φ 16.0	φ 0.630	-	-	-	FDC-16016-CAA	FDC-16022-CAA
φ 16.5	φ 0.650	-	-	-	-	FDC-16522-CAA
φ 17.0	φ 0.669	-	-	-	-	FDC-17022-CAA
φ 17.5	φ 0.689	-	-	-	-	FDC-17522-CAA
φ 18.0	φ 0.709	-	-	-	-	FDC-18022-CAA
φ 18.5	φ 0.728	-	-	-	-	FDC-18522-CAA
φ 19.0	φ 0.748	-	-	-	-	FDC-19022-CAA
φ 19.1	φ 0.750	-	-	-	-	FDC-19122-CAA
φ 19.5	φ 0.768	-	-	-	-	FDC-19522-CAA
φ 20.0	φ 0.787	-	-	-	-	FDC-20022-CAA
φ 20.5	φ 0.807	-	-	-	-	FDC-20522-CAA
φ 21.0	φ 0.827	-	-	-	-	FDC-21022-CAA
φ 21.5	φ 0.846	-	-	-	-	FDC-21522-CAA
φ 22.0	φ 0.866	-	-	-	-	FDC-22022-CAA

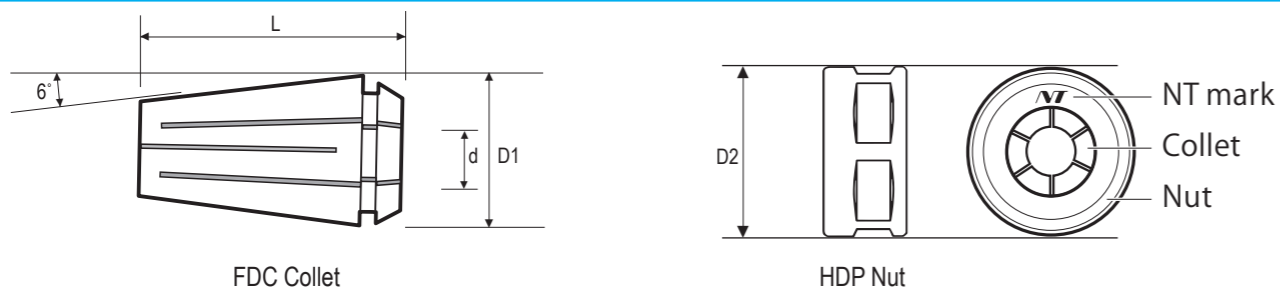
Accuracy (4 × d) AA (5µm)

Ordering Example
FDC - 060 12 - C AA
 Max. chucking dia. 12 Series Accuracy



FDC

Collet Detail



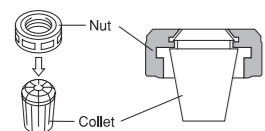
Collet Series	d	D1	L	Nut	D2
FDC-07	0.5 - 7.0	11	18.0	HDP - 07A	23
FDC-09	2.5 - 9.0	14	23.0	HDP - 09	26
FDC-12	2.5 - 12.0	18	27.5	HDP - 12	32
FDC-16	3.5 - 16.0	22	32.5	HDP - 16	36
FDC-22	3.5 - 22.0	31	39.5	HDP - 22	46

※ 1 - Minimum insertion length (Unit Metric)

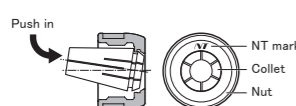
How to attach & remove Collet to the nut

Attach the collet

Place collet on a flat surface, place the nut on top of the collet and press straight down. Check that inner groove of the nut fits firmly onto the outer groove of the collet.



Alternatively, try pushing the collet into the nut while tilting the small side of the collet up towards the NT mark side of the nut. Check to make sure the inner groove of the nut fits firmly onto the outer groove of the collet.

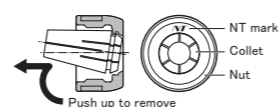


⚠ Be advised, avoid placing collets into tool holders without first placing them into a nut as you could have trouble removing the collet from the holder.

⚠ Never attach the nut to the collet holder if the grooves of the nut and collet are not firmly fitted together. The nut may separate from the collet when removing the pair from the holder leaving the collet stuck in the collet holder.

Removing the collet from the nut

To remove the collet, push upwards firmly on the collet towards the NT mark until the collet is removed from the nut.



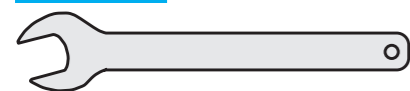
If removal becomes very difficult, try turning the collet slowly while pushing upwards.

Cleaning

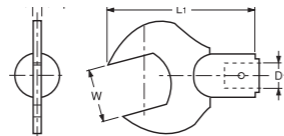
⚠ If there is heavy grease or metal powder contamination, wash in acetone or mineral spirits and blow off with compressed air.

Spanner Head & Torque Wrench

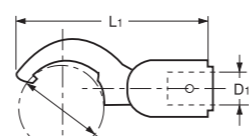
S-** Spanner



Type1

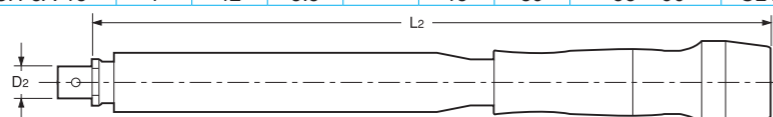


Type2



Code	Nut	Spanner	Model	Type	W	T	D	D1	L1	Torque (Nm)	Torque wrench
3150 00002310	HDP-07A	S-0	SH-23-10	2	—	—	23	10	60	10 ~ 15	CL25N×10D
3150 00001115	HDP-09	S-1L	SH-1A-15	1	24	4.5	—	15	78	30 ~ 35	CL50N×15D
3150 00000315	HDP-12	S-3L	SH-3A-15	1	30	4.5	—	15	83	35 ~ 40	CL100N×15D
3150 00000415	HDP-16	S-4L	SH-4A-15	1	33	4.5	—	15	84	40 ~ 45	CL100N×15D
3150 00000515	HDP-22	S-5L	SH-5A-15	1	42	5.5	—	15	89	55 ~ 60	CL100N×15D

Torque wrench



Code	Model	Torque range	D2	L2	Spanner head
3154 01010000	CL 25N5 × 10D	5 ~ 25Nm	10	205	SH-23-10
3154 00020000	CL 50N × 15D	10 ~ 50Nm	15	219	SH-1A-15
3154 00030000	CL 100N × 15D	20 ~ 100Nm	15	294	SH-3A-15, SH-4A-15, SH-5A-15

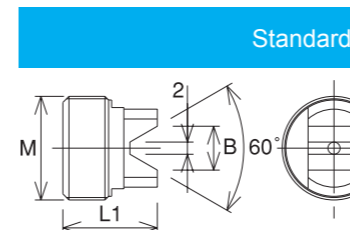
Please use spanner head with correct torque in accordance with manual.



HDS

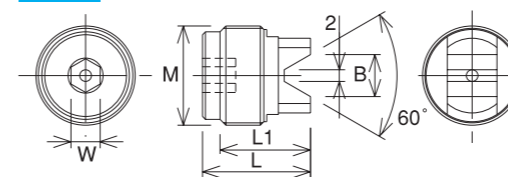
Preset Screw

HDCA, HDZ

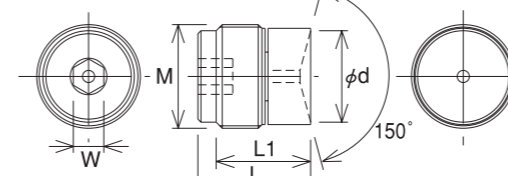


With hex. hole

Type1

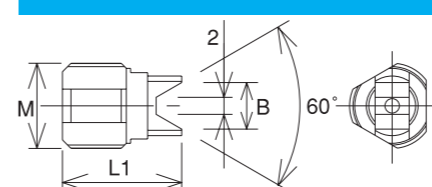


Type2



- In case using drill less than $\phi 2$ for models with *, length adjustment function does not work since drill goes into coolant hole.
- Max. adjustment range can be different from standard preset screw.

For semi-dry machining



Unit : Metric

Code	Model	B	M	L1	Holder size
2545 00000007	HDS-07	5.5	M8 P=1	14	07
2545 00000009	HDS-09	5.5	M10 P=1	14	09
2545 00000012	HDS-12	7.2	M14 P=1	15.5	12
2545 00000016	HDS-16	7.2	M17 P=1	15.5	16
2545 00000022	HDS-22	9.5	M23 P=1	17.5	22

Unit : Metric

Code	Model	Type	W	B	ϕd	M	L	L1	Holder size
2545 30000007	HDS-07-3	1	3	5.5	—	M8 P=1	17	14	07
2545 40000007	HDS-07-4	1	4	5.5	—	M8 P=1	17	14	07
2545 30000009	HDS-09-3	1	3	5.5	—	M10 P=1	17	14	09
2545 40000009	HDS-09-4	1	4	5.5	—	M10 P=1	17	14	09
2545 50000009	HDS-09-5	1	5	5.5	—	M10 P=1	17	14	09
2545 30000012	HDS-12-3	1	3	7.2	—	M14 P=1	18.5	15.5	12
2545 40000012	HDS-12-4	1	4	7.2	—	M14 P=1	18.5	15.5	12
2545 50000012	HDS-12-5	1	5	7.2	—	M14 P=1	18.5	15.5	12
2545 30000016	HDS-16-3	1	3	7.2	—	M17 P=1	18.5	15.5	16
2545 40000016	HDS-16-4	1	4	7.2	—	M17 P=1	18.5	15.5	16
2545 50000016	HDS-16-5	1	5	7.2	—	M17 P=1	18.5	15.5	16
2545 30000022	HDS-22-3	1	3	9.5	—	M23 P=1	20.5	17.5	22
2545 40000022	HDS-22-4	1	4	9.5	—	M23 P=1	20.5	17.5	22
2545 50000022	HDS-22-5	1	5	9.5	—	M23 P=1	20.5	17.5	22
2545 31000007	HDS-07-3C *	2	3	—	6	M8 P=1	17	14	07
2545 41000007	HDS-07-4C *	2	4	—	6	M8 P=1	17	14	07
2545 31000009	HDS-09-3C	2	3	—	8	M10 P=1	17	14	09
2545 41000009	HDS-09-4C	2	4	—	8	M10 P=1	17	14	09
2545 51000009	HDS-09-5C	2	5	—	8	M10 P=1	17	14	09
2545 31000012	HDS-12-3C	2	3	—	12	M14 P=1	18.5	15.5	12
2545 41000012	HDS-12-4C	2	4	—	12	M14 P=1	18.5	15.5	12
2545 51000012	HDS-12-5C	2	5	—	12	M14 P=1	18.5	15.5	12
2545 31000016	HDS-16-3C	2	3	—	15	M17 P=1	18.5	15.5	16
2545 41000016	HDS-16-4C	2	4	—	15	M17 P=1	18.5	15.5	16
2545 51000016	HDS-16-5C	2	5	—	15	M17 P=1	18.5	15.5	16
2545 31000022	HDS-22-3C	2	3	—	21	M23 P=1	20.5	17.5	22
2545 41000022	HDS-22-4C	2	4	—	21	M23 P=1	20.5	17.5	22
2545 51000022	HDS-22-5C	2	5	—	21	M23 P=1	20.5	17.5	22

Unit : Metric

Code	Model	L	B	D	M	Holder size
3164 00000007	HDS-07-MS	14	5.5	7	M8 P=1	7
3164 00000009	HDS-09-MS	14	5.5	7	M10 P=1	9
3164 00000012	HDS-12-MS	15.5	7.2	12.8	M14 P=1	12
3164 00000016	HDS-16-MS	15.5	7.2	12.8	M17 P=1	16
3164 00000022	HDS-22-MS	17.5	9.5	18	M23 P=1	22

- For cutting tool with or without oil hole.
- Not applicable for cutting tools with less than $\phi 3$ shank diameter.

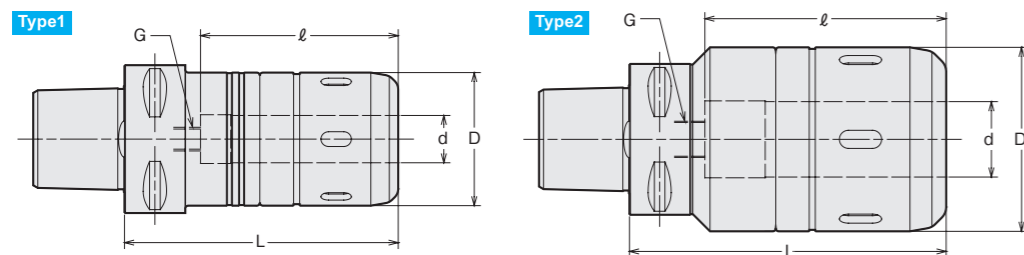


CT-SA

Super tite-lock Milling Chuck

※ Available on C5 and C6 only

- Slim design milling chuck. Specially designed slits enables heavy endmilling.



Caution
Please rotate the clamping ring counterclockwise more than 360 degrees after a cutting tool is removed.

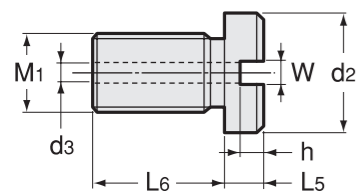
Code	Model	Type	d	D	L	ℓ	G (Stopper bolt)	Spanner
6760 00516070	C5 -CT16SA - 70	1	16	45	70	63	—	HS-1-16
6760 00516090	- 90	1	16	45	90	65	BL 16	HS-1-16
6760 00520075	-CT20SA - 75	2	20	52	75	65	—	HS-2-20
6760 00520090	- 90	2	20	52	90	80	—	HS-2-20
6760 00525090	-CT25SA - 90	2	25	61	90	80	—	HS-2.5-25
6760 00525105	-105	2	25	61	105	80	BL 20	HS-2.5-25
6760 00532090	-CT32SA - 90	2	32	73	90	75	—	HS-3-32
6760 00616070	C6 -CT16SA - 70	1	16	45	70	61	—	HS-1-16
6760 00616090	- 90	1	16	45	90	65	BL 16	HS-1-16
6760 00616105	-105	1	16	45	105	65	BL 16	HS-1-16
6760 00616135	-135	1	16	45	135	65	BL 16	HS-1-16
6760 00620075	-CT20SA - 75	1	20	52	75	60	—	HS-2-20
6760 00620090	- 90	1	20	52	90	75	—	HS-2-20
6760 00620105	-105	1	20	52	105	80	BL 20	HS-2-20
6760 00620135	-135	1	20	52	135	80	BL 20	HS-2-20
6760 00625080	-CT25SA - 80	1	25	61	80	65	—	HS-2.5-25
6760 00625090	- 90	1	25	61	90	75	—	HS-2.5-25
6760 00625105	-105	1	25	61	105	80	BL 20	HS-2.5-25
6760 00625135	-135	1	25	61	135	80	BL 20	HS-2.5-25
6760 00632090	-CT32SA - 90	2	32	73	90	75	—	HS-3-32
6760 00632105	-105	2	32	73	105	90	—	HS-3-32
6760 00632135	-135	2	32	73	135	100	BL 32	HS-3-32

- When ordering, indicate number of spanners required. "No charge" spanners are limited to number of milling chucks on order.
- Tolerance of cutting tool shank must be h7.
- Available in metric size ID only. For inch size ID, please use mc collet or contact NT USA.
- Stopper Bolt sold separately

Ordering Example
C5 - CT16SA - 70
Shank size I.D. Projection length

Stopper Bolt BL

Unit : Metric



Code	Model	M1 P=1.0	[L5]	L6	W	h	d2	d3	Chucks
0711 040016 ※※	BL 16 - [L5]	10	5, 15, 25	14	5	3.5	15	4.5	CT16
0711 040020 ※※	BL 20 - [L5]	12	5, 15, 25	14	5	3.5	18	4.5	CT20, CT25
0711 040032 ※※	BL 32 - [L5]	18	10, 20, 35	17	5	5	25	4.5	CT32, CT42

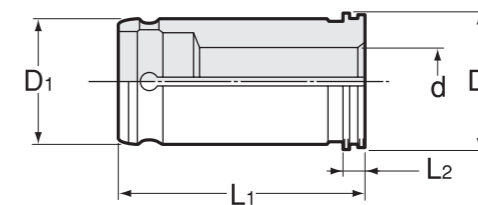
- Stopper bolts are sold separately.
- Choose right L5 dimension by checking minimum insertion length and shank I.D. depth.

Ordering Example
BL 16 - 15
size L5

Center-through coolant feeding compliant



For cutters with coolant hole For collet through coolant With MC-C collet



Metric Sizes Unit : Metric

Type	D ₁	D ₂	L ₁	L ₂
MC 16	16	19	50	4
20	20	24	60	4
25	25	29	60	4
32	32	36	72	4
42	42	47	85	4

Coolant Collet MC-OH (for tools with coolant hole) **Coolant Collet MC-C (for tools without coolant hole)**

Tool shank dia. d	Collet outside diameter D ₁									
	16mm	20mm	25mm	32mm	42mm	16mm	20mm	25mm	32mm	42mm
1/4	MC16-0250-C	MC20-0250-C	MC25-0250-C	MC32-0250-C	MC42-0250-C	MC16-0250-OH	MC20-0250-OH	MC25-0250-OH	MC32-0250-OH	MC42-0250-OH
5/16	MC16-0312-C	MC20-0312-C	MC25-0312-C	MC32-0312-C	MC42-0312-C	MC16-0312-OH	MC20-0312-OH	MC25-0312-OH	MC32-0312-OH	MC42-0312-OH
3/8	MC16-0375-C	MC20-0375-C	MC25-0375-C	MC32-0375-C	MC42-0375-C	MC16-0375-OH	MC20-0375-OH	MC25-0375-OH	MC32-0375-OH	MC42-0375-OH
7/16	MC16-0437-C	MC20-0437-C	MC25-0437-C	MC32-0437-C	MC42-0437-C	MC16-0437-OH	MC20-0437-OH	MC25-0437-OH	MC32-0437-OH	MC42-0437-OH
1/2	MC16-0500-C	MC20-0500-C	MC25-0500-C	MC32-0500-C	MC42-0500-C	MC16-0500-OH	MC20-0500-OH	MC25-0500-OH	MC32-0500-OH	MC42-0500-OH
9/16		MC20-0562-C	MC25-0562-C	MC32-0562-C	MC42-0562-C		MC20-0562-OH	MC25-0562-OH	MC32-0562-OH	MC42-0562-OH
5/8		MC20-0625-C	MC25-0625-C	MC32-0625-C	MC42-0625-C		MC20-0625-OH	MC25-0625-OH	MC32-0625-OH	MC42-0625-OH
3/4			MC25-0750-C	MC32-0750-C	MC42-0750-C			MC25-0750-OH	MC32-0750-OH	MC42-0750-OH
7/8			MC25-0875-C	MC32-0875-C	MC42-0875-C			MC25-0875-OH	MC32-0875-OH	MC42-0875-OH
1				MC32-1000-C	MC42-1000-C				MC32-1000-OH	MC42-1000-OH
1-1/4					MC42-1250-C					MC42-1250-OH
1-1/2					MC42-1500-C					MC42-1500-OH
6mm	MC16-6-C	MC20-6-C	MC25-6-C	MC32-6-C	MC42-6-C	MC16-6-OH	MC20-6-OH	MC25-6-OH	MC32-6-OH	MC42-6-OH
8mm	MC16-8-C	MC20-8-C	MC25-8-C	MC32-8-C	MC42-8-C	MC16-8-OH	MC20-8-OH	MC25-8-OH	MC32-8-OH	MC42-8-OH
10mm	MC16-10-C	MC20-10-C	MC25-10-C	MC32-10-C	MC42-10-C	MC16-10-OH	MC20-10-OH	MC25-10-OH	MC32-10-OH	MC42-10-OH
12mm	MC16-12-C	MC20-12-C	MC25-12-C	MC32-12-C	MC42-12-C	MC16-12-OH	MC20-12-OH	MC25-12-OH	MC32-12-OH	MC42-12-OH
16mm		MC20-16-C	MC25-16-C	MC32-16-C	MC42-16-C		MC20-16-OH	MC25-16-OH	MC32-16-OH	MC42-16-OH
18mm			MC25-18-C	MC32-18-C	MC42-18-C			MC25-18-OH	MC32-18-OH	MC42-18-OH
20mm			MC25-20-C	MC32-20-C	MC42-20-C			MC25-20-OH	MC32-20-OH	MC42-20-OH
25mm				MC32-25-C	MC42-25-C				MC32-25-OH	MC42-25-OH
32mm					MC42-32-C					MC42-32-OH

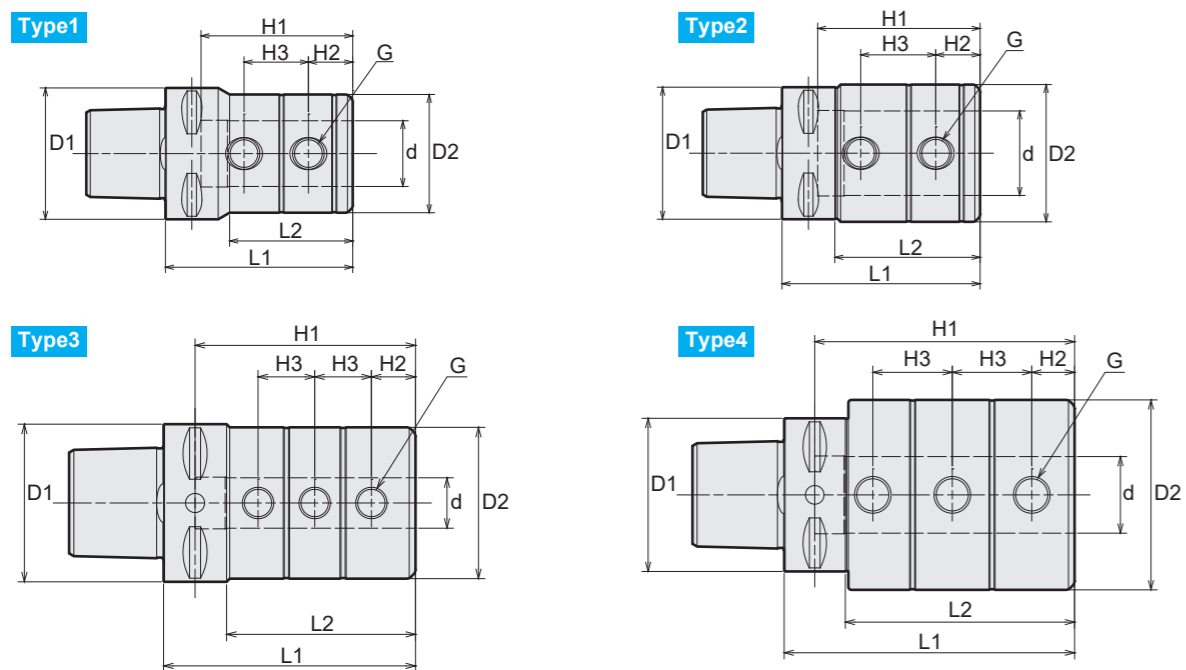
- Not applicable for some holder sizes. Please see milling chuck pages.
- ※ Both OH and C type collets can be used without coolant.

Ordering Example
MC 42 - 32 - OH **MC 42 - 32 - C**
size (D₁) d size (D₁) d

I.D. of Milling Chuck	Min. insertion length	With MC collet	
		Collet I.D.	Min. insertion length MC-C, MC-OH
	Without MC collet (Direct chucking)	6mm, 8mm	30mm (1.181 inch)
		10mm, 12mm	40mm (1.575 inch)
16mm, 20mm	40mm (1.575 inch)	16mm, 18mm, 20mm	45mm (1.772 inch)
25mm, 32mm, 42mm	50mm (1.969 inch)	25mm	50mm (1.969 inch)
		32mm	60mm (2.362 inch)

TSB

Side Lock Holder (Boring Bar)



Code	Model	Type	d	L1	(L2)	D1	D2	H1	H2	H3	G	kg
6710 00308035	C3 -TSB8 - 35	2	8	35	20	32	36	20	5	10	6	0.3
6710 00310035	-TSB10 - 35	2	10	35	20	32	36	20	5	10	6	0.3
6710 00312040	-TSB12 - 40	2	12	40	25	32	36	24	6	12	6	0.3
6710 00408040	C4 -TSB8 - 40	1	8	40	18.8	40	36	20	5	10	6	0.5
6710 00410040	-TSB10 - 40	1	10	40	18.8	40	36	20	5	10	6	0.5
6710 00412045	-TSB12 - 45	1	12	45	23.8	40	36	24	6	12	6	0.5
6710 00416050	-TSB16 - 50	1	16	50	28.8	40	36	32	8	16	8	0.5
6710 00508060	C5 -TSB8 - 60	1	8	60	40	50	28	40	9	20	8	0.7
6710 00510065	-TSB10 - 65	1	10	65	45	50	35	45	9	22	8	0.8
6710 00512070	-TSB12 - 70	1	12	70	50	50	42	50	9	22	8	1.0
6710 00516080	-TSB16 - 80	3	16	80	60	50	48	70	14	18	10	1.2
6710 00520080	-TSB20 - 80	4	20	80	60	50	52	70	14	18	10	1.3
6710 00525095	-TSB25 - 95	4	25	95	75	50	62	85	14	26	12	1.9
6710 00608065	C6 -TSB8 - 65	1	8	65	43	63	28	40	9	20	8	1.0
6710 00610070	-TSB10 - 70	1	10	70	48	63	35	45	9	22	8	1.2
6710 00612075	-TSB12 - 75	1	12	75	53	63	42	50	9	22	8	1.4
6710 00616085	-TSB16 - 85	3	16	85	63	63	48	65	14	18	10	1.6
6710 00620085	-TSB20 - 85	3	20	85	63	63	52	70	14	18	10	1.7
6710 00625100	-TSB25 - 100	3	25	100	78	63	62	85	14	26	12	2.3
6710 00632115	-TSB32 - 115	3	32	115	93	63	62	100	14	30	12	2.4
6710 00640130	-TSB40 - 130	4	40	130	108	63	68	115	16	36	16	2.8

※ Available only in metric ID.
For inch size ID, please contact NT USA

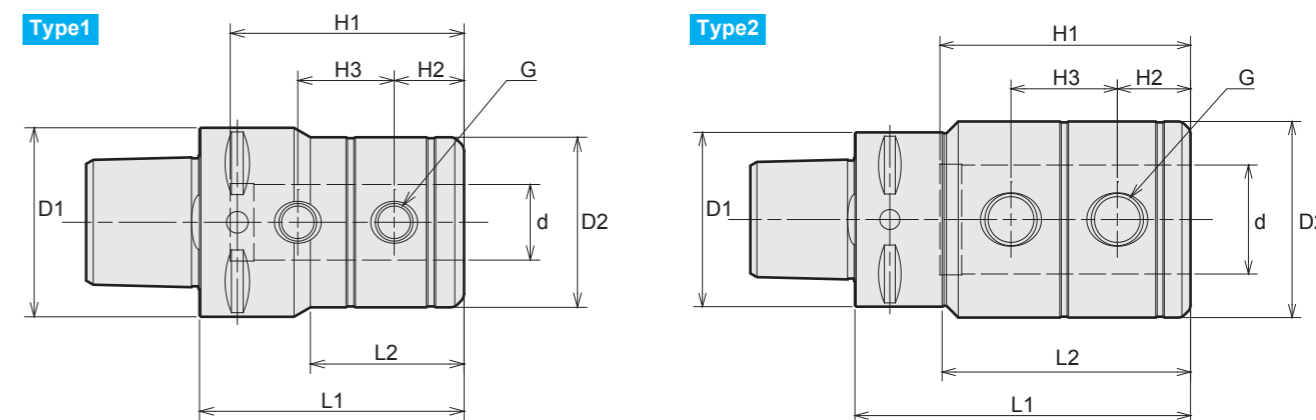
Ordering Example

C3 - TSB 8 - 35

Shank size I.D. (d) Projection length

TSD

Side Lock Holder (For Drill)



Code	Model	Type	d	L1	(L2)	D1	D2	H1	H2	H3	G	kg
6710 01316056	C3 -TSD16 -56	2	16	56	41	32	36	49.5	14.8	20.4	8	0.4
6710 01320060	-TSD20 -60	2	20	60	45	32	40	51.5	14.8	22.4	8	0.5
6710 01416056	C4 -TSD16 -56	1	16	56	32.5	40	36	49.5	14.8	20.4	8	0.5
6710 01420060	-TSD20 -60	1	20	60	60	40	40	51.5	14.8	22.4	8	0.6
6710 01425077	-TSD25 -77	2	25	77	57	40	45	57.5	16.8	24.4	12	0.8
6710 01516060	C5 -TSD16 -60	1	16	60	40	50	36	49	14	18	10	0.7
6710 01520060	-TSD20 -60	1	20	60	40	50	40	51	14	18	10	0.8
6710 01525070	-TSD25 -70	1	25	70	50	50	45	57	14	26	12	0.9
6710 01532075	-TSD32 -75	2	32	75	55	50	52	61	14	30	12	1.0
6710 01616070	C6 -TSD16 -70	1	16	70	48	63	36	49	14	18	10	1.1
6710 01620070	-TSD20 -70	1	20	70	48	63	40	51	14	18	10	1.2
6710 01625070	-TSD25 -70	1	25	70	48	63	45	57	14	26	12	1.2
6710 01632075	-TSD32 -75	1	32	75	53	63	52	61	14	30	12	1.3
6710 01640085	-TSD40 -85	2	40	85	63	63	65	71	16	36	16	1.8
6710 01642085	-TSD42 -85	2	42	85	63	63	67	71	16	36	16	1.8

※ Available only in metric ID.
For inch size ID, please contact NT USA

Ordering Example

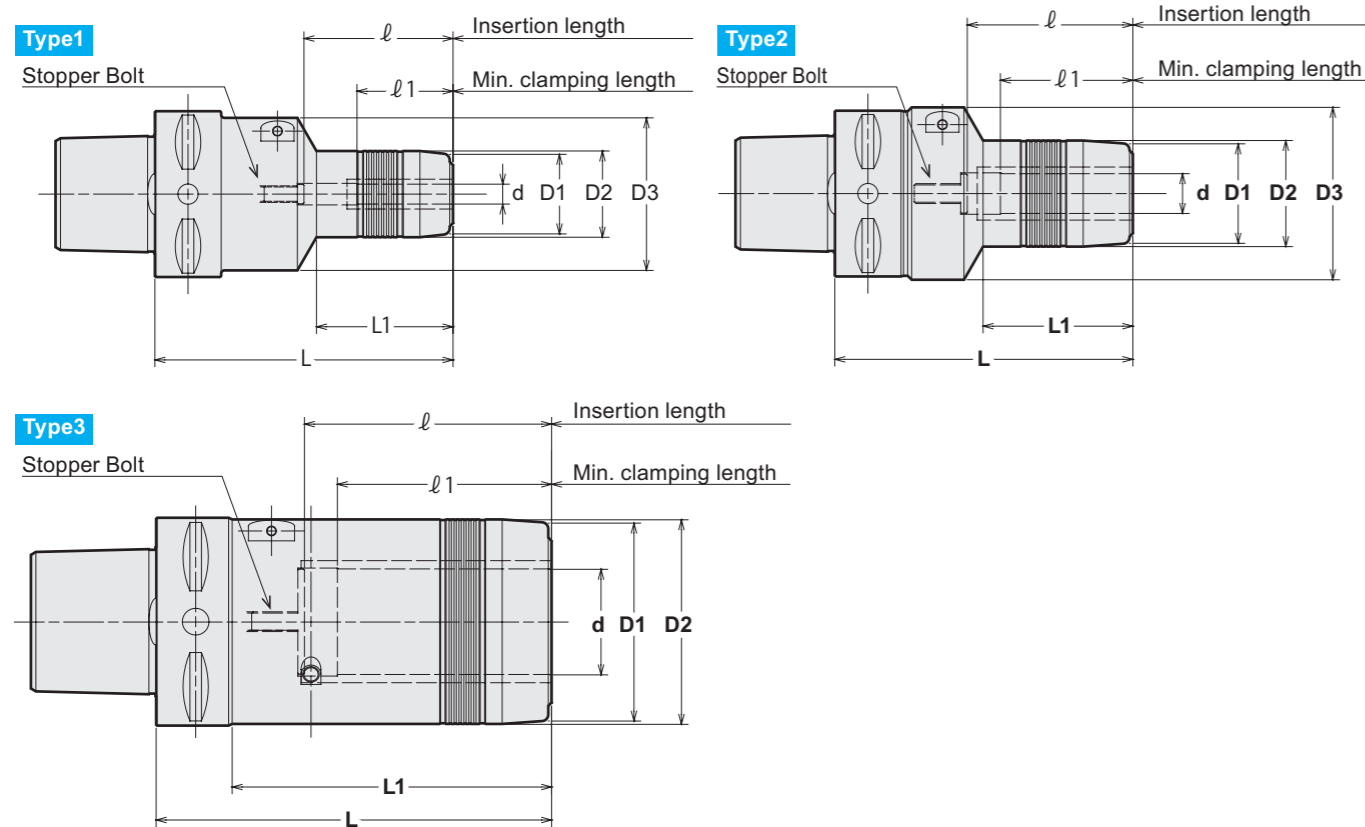
C3 - TSD 16 - 56

Shank size I.D. (d) Projection length

PHC•A

Power Hydro Chuck

- Hydro chuck with collet holder flexibility. Suitable for high precision cutting.

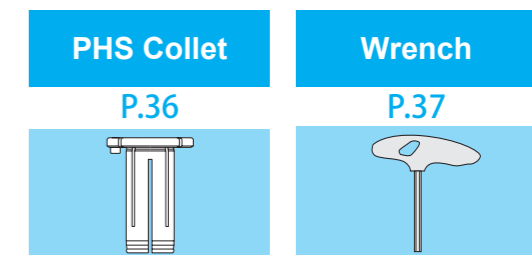


Code	Model	Type	d	L	L1	D1	D2	D3	ℓ	ℓ1	Wrench
6720 00503055	C5 -PHC03A -55	※	3	55	4	—	24	46	42	18	L-4T
6720 00503090	-90	※	3	90	44	—	25	46	49	18	
6720 00504055	-PHC04A -55	※	4	55	9	—	25	46	42	24	
6720 00504090	-90	※	4	90	45	—	25	46	49	24	
6720 00506055	-PHC06A -55	1	6	55	11	24	26	46	34	29	
6720 00506090	-90	1	6	90	41	24	26	46	45	29	
6720 00507055	-PHC07A -55	1	7	55	11	26	28	46	34	29	
6720 00507090	-90	1	7	90	41	26	28	46	45	29	
6720 00508055	-PHC08A -55	1	8	55	11	26	28	46	34	29	
6720 00508090	-90	1	8	90	41	26	28	46	45	29	
6720 00509060	-PHC09A -60	※	9	60	19	28	30	46	47	33	
6720 00509090	-90	1	9	90	44	28	30	46	50	40	
6720 00510060	-PHC10A -60	※	10	60	19	28	30	46	47	33	
6720 00510090	-90	2	10	90	44	28	30	52	50	40	
6720 00511060	-PHC11A -60	※	11	60	17	30	32	46	47	33	
6720 00511090	-90	2	11	90	45	30	32	52	50	40	
6720 00512060	★ -PHC12A -60	※	12	60	17	30	32	46	47	33	
6720 00512090	★ -90	2	12	90	45	30	32	52	50	40	
6720 00513075	-PHC13A -75	1	13	75	17	34	36	46	50	33	
6720 00513090	-90	2	13	90	46	34	36	52	50	40	
6720 00514075	-PHC14A -75	1	14	75	17	34	36	46	50	33	
6720 00514090	-90	2	14	90	46	34	36	52	50	40	
6720 00515075	-PHC15A -75	1	15	75	18	36	38	46	50	33	
6720 00515090	-90	2	15	90	46	36	38	52	50	40	
6720 00516075	-PHC16A -75	1	16	75	18	36	38	46	50	33	
6720 00516090	-90	2	16	90	46	36	38	52	50	40	
6720 00520090	★ -PHC20A -90	1	20	90	49	40	42	46	50	40	
6720 00520125	★ -125	1	20	125	69	40	42	46	70	40	
6720 00525105	-PHC25A -105	2	25	105	59	50	52	62	60	50	
											L-6T

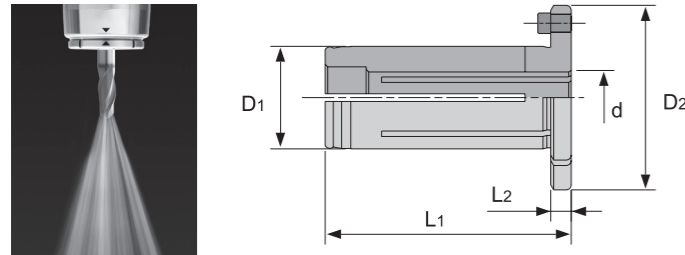
Code	Model	Type	d	L	L1	D1	D2	D3	ℓ	ℓ1	Wrench
6720 00603050	C6 -PHC03A -50	※	3	50	4	—	24	46	35	18	L-4T
6720 00603090	-90	※	3	90	44	—	25	46	49	18	
6720 00604055	-PHC04A -55	※	4	55	9	—	25	46	40	24	
6720 00604090	-90	※	4	90	45	—	25	46	49	24	
6720 00606060	-PHC06A -60	1	6	60	11	24	26	46	34	29	
6720 00606090	-90	1	6	90	41	24	26	46	45	29	
6720 00606120	-120	1	6	120	41	24	26	46	45	29	
6720 00607060	-PHC07A -60	1	7	60	11	26	28	46	34	29	
6720 00607090	-90	1	7	90	41	26	28	46	45	29	
6720 00608060	-PHC08A -60	1	8	60	11	26	28	46	34	29	
6720 00608090	-90	1	8	90	41	26	28	46	45	29	
6720 00608120	-120	1	8	120	41	26	28	46	45	29	
6720 00609065	-PHC09A -65	※	9	65	19	28	30	46	47	33	
6720 00609090	-90	1	9	90	44	28	30	46	50	40	
6720 00610065	-PHC10A -65	※	10	65	19	28	30	46	47	33	
6720 00610090	-90	1	10	90	44	28	30	52	50	40	
6720 00610120	-120	1	10	120	64	28	30	52	70	40	
6720 00611065	-PHC11A -65	※	11	65	17	30	32	46	47	33	
6720 00611090	-90	1	11	90	45	30	32	52	50	40	
6720 00612065	★ -PHC12A -65	※	12	65	17	30	32	46	47	33	
6720 00612090	★ -90	1	12	90	45	30	32	52	50	40	
6720 00612120	★ -120	1	12	120	65	30	32	52	70	40	
6720 00613075	-PHC13A -75	1	13	75	17	34	36	46	45	33	
6720 00613090	-90	1	13	90	46	34	36	52	50	40	
6720 00614075	-PHC14A -75	1	14	75	17	34	36	46	45	33	
6720 00614090	-90	1	14	90	46	34	36	52	50	40	
6720 00614120	-120	1	14	120	66	34	36	52	70	40	
6720 00615075	-PHC15A -75	1	15	75	18	36	38	46	45	33	
6720 00615090	-90	1	15	90	46	36	38	52	50	40	
6720 00616075	-PHC16A -75	1	16	75	18	36	38	46	45	33	
6720 00616090	-90	1	16	90	46	36	38	52	50	40	
6720 00616120	-120	1	16	120	66	36	38	52	70	40	
6720 00620090	★ -PHC20A -90	1	20	90	49	40	42	46	50	40	
6720 00620120	★ -120	1	20	120	69	40	42	46	70	40	
6720 00625105	-PHC25A -105	1	25	105	59	50	52	62	60	50	
6720 00625120	-120	1	25	120	59	50	52	62	80	50	
6720 00632120	-PHC32A -120	3	32	120	96	60	62	-	75	65	
											L-6T

- For the chuck with ※, the stopper bolt is not included.
- Cutting tool shank must be within tolerances specified below:
Shank diameter less than 6mm: Within h6 tolerance
Shank diameter 6mm and over: Within h7 tolerance
h6 or 0/-0.01 tolerance is recommended when newly making a cutting tool
- PHC12A and PHC20A have pin holes for collet with stopper pin on its body
- Available in metric size ID only. For inch size ID, please use mc collet or contact NT USA

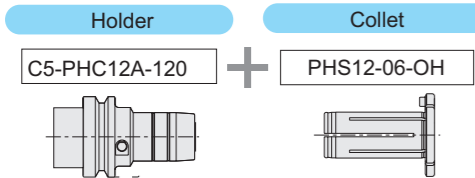
Ordering Example
C6 - PHC12A - 120
 Shank size I.D. Projection length



For tool with coolant hole



Ordering Example To hold $\phi 6$ cutting tool with C5-PHC12A-120



The collet with stopper pin can be used with PHC12A, PHC20A

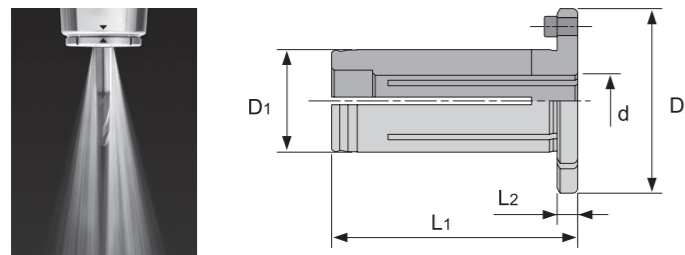
[D1] Metric , [d] Metric Unit : Metric

Model	D1	D2	L1	L2	[d]
PHS12- [d] -OH	12	26	48	4	3, 4, 5, 6, 7, 8, 9, 10
PHS20- [d] -OH	20	36	48	4	3, 4, 5, 6, 7, 8, 9, 10 11, 12, 13, 14, 15, 16

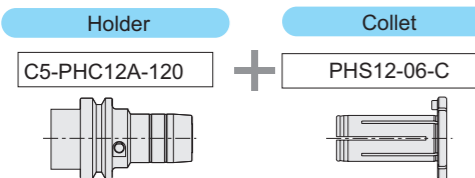
[D1] Metric , [d] Inch Unit : Inch

Model	D1	D2	L1	L2	[d]
PHS12- [d1] -OH	0.472	1.024	1.890	0.158	1/8, 3/16, 1/4, 5/16, 3/8
PHS20- [d1] -OH	0.787	1.418	1.890	0.158	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8

For tool without coolant hole



Ordering Example To hold $\phi 6$ cutting tool using collet through coolant feed with C5-PHC12A-120



The collet with stopper pin can be used with PHC12A, PHC20A

[D1] Metric , [d] Metric Unit : Metric

Model	D1	D2	L1	L2	[d]
PHS12- [d] -C	12	26	48	4	3, 4, 5, 6, 7, 8, 9
PHS20- [d] -C	20	36	48	4	3, 4, 5, 6, 7, 8, 9, 10 11, 12, 13, 14, 15, 16

[D1] Metric , [d] Inch Unit : Inch

Model	D1	D2	L1	L2	[d]
PHS12- [d1] -C	0.472	1.024	1.890	0.158	1/8, 3/16, 1/4, 5/16
PHS20- [d1] -C	0.787	1.418	1.890	0.158	1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8

Collet with stopper pin

Minimum insertion length for PHS-A

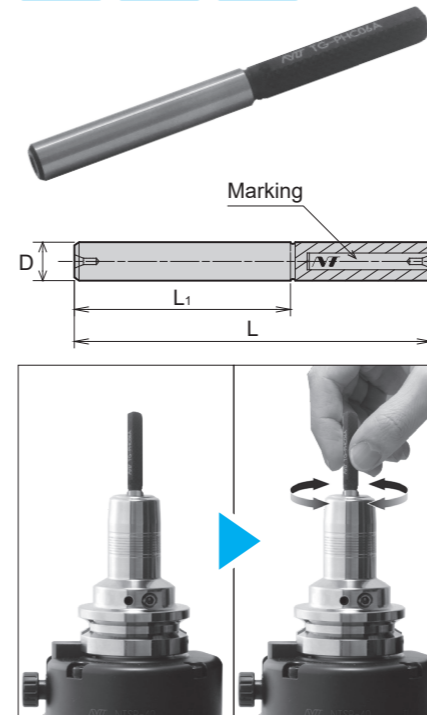
Collet I.D. [d] Metric	Min. insertion length Metric
3, 4	25
5	30
6, 7	34
8, 9	38
10, 11	42
12, 13, 14, 15, 16	50

Minimum insertion length for PHS-A

Collet I.D. [d] Inch	Min. insertion length Inch
1/8	0.984
3/16	1.181
1/4	1.339
5/16	1.496
3/8	1.654
7/16, 1/2, 9/16, 5/8	1.969

Torque Check Gauge

PHC-A PHC-S PHZ-S



Metric Sizes Unit : Metric

Code	Model	D	L	L ₁	Chuck I.D.
3934 70000003	TG-PHC03	3	50	25.5	3mm
3934 70000004	TG-PHC04	4	55	30.5	4mm
3934 70000006	TG-PHC06	6	65	35	6mm
3934 70000007	TG-PHC07	7	65	35	7mm
3934 70000008	TG-PHC08	8	65	35	8mm
3934 70000009	TG-PHC09	9	76	46	9mm
3934 70000010	TG-PHC10	10	76	46	10mm
3934 70000011	TG-PHC11	11	76	46	11mm
3934 70000012	TG-PHC12	12	76	46	12mm
3934 70000013	TG-PHC13	13	76	46	13mm
3934 70000014	TG-PHC14	14	76	46	14mm
3934 70000015	TG-PHC15	15	76	46	15mm
3934 70000016	TG-PHC16	16	76	46	16mm
3934 70000020	TG-PHC20	20	76	46	20mm
3934 70000025	TG-PHC25	25	86	56	25mm
3934 70000032	TG-PHC32	32	101	71	32mm

If the torque check gauge can't be rotated with your fingers, there is no loss of gripping force.

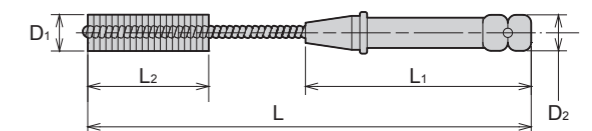
1. Please perform the gripping force check at an ambient temperature of 20-25°C
2. Use torque check gauge to test gripping force by hand. Please do not remove the torque gauge any other way.
3. When you clamp the torque check gauge, make sure the gauge is past the minimum insertion length.
4. This cannot be used for HC type chucks.
5. For use with custom products, please contact NT Tool.

Ordering Example
TG - PHC 03
I.D. size

Inner Shank Cleaner Brush



PHC-A PHC-S PHZ-S



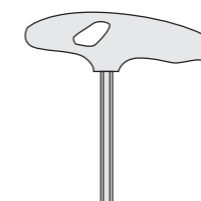
Code	Model	D ₁	D ₂	L	L ₁	L ₂	Chuck I.D.
3934 60000003	ISC - 03	4	8	100	56	30	3mm
3934 60000004	ISC - 04	5	8	100	56	30	4mm
3934 60000006	ISC - 06	8	8	100	56	30	6mm
3934 60000007	ISC - 07	9	8	110	56	30	7mm
3934 60000008	ISC - 08	10	8	110	56	40	8mm
3934 60000009	ISC - 09	11	8	110	56	40	9mm
3934 60000010	ISC - 10	12	8	110	56	40	10mm
3934 60000011	ISC - 11	13	8	130	56	40	11mm
3934 60000012	ISC - 12	14	8	130	56	40	12mm

To clean inner shank of Hydro Chuck, etc.

※ One Inner shank cleaner brush per holder is included in the original product box.

Ordering Example
ISC - 03
I.D. size

Wrench

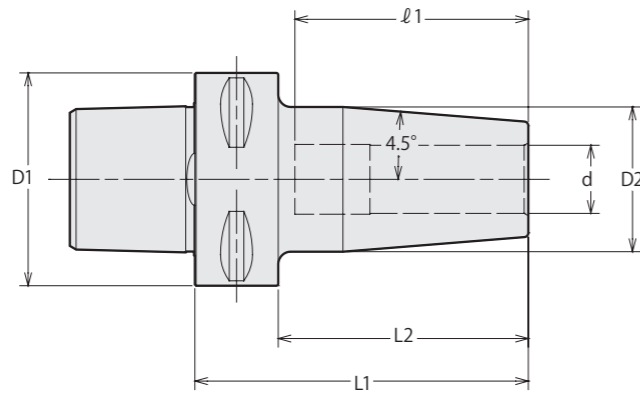


Code	Model
6080 00115576	L-4T
6080 00115578	L-6T

SRD

Shrink Fit (DIN Standard)

- Shrinkage method sets a cutting tool firmly by heating and cooling the chuck. High precision, rigidity and strong chucking. (DIN Type)



Code	Model	d	D1	D2	L1	L2	t1
6770 00506075	C5 -SRD6A - 75	6	50	27	75	55	36
6770 00508075	-SRD8A - 75	8	50	27	75	55	50
6770 00510075	-SRD10A - 75	10	50	31	75	55	50
6770 00512075	-SRD12A - 75	12	50	31	75	55	50
6770 00514080	-SRD14A - 80	14	50	34	80	60	55
6770 00516080	-SRD16A - 80	16	50	34	80	60	55
6770 00518080	-SRD18A - 80	18	50	41	80	60	55
6770 00520085	-SRD20A - 85	20	50	42	85	65	55
6770 00606080	C6 -SRD6A - 80	6	63	27	80	58	36
6770 00608080	-SRD8A - 80	8	63	27	80	58	50
6770 00610080	-SRD10A - 80	10	63	31	80	58	50
6770 00612080	-SRD12A - 80	12	63	32	80	58	50
6770 00614085	-SRD14A - 85	14	63	34	85	63	55
6770 00616085	-SRD16A - 85	16	63	34	85	63	55
6770 00618085	-SRD18A - 85	18	63	42	85	63	55
6770 00620085	-SRD20A - 85	20	63	42	85	63	55
6770 00625090	-SRD25A - 90	25	63	53	90	68	62
6770 00632095	-SRD32A - 95	32	63	53	95	73	62

※ 1. Available in metric size ID only. For inch size ID, please use mc collet or contact NT USA.

Always use carbide shank tools with h6 tolerance.

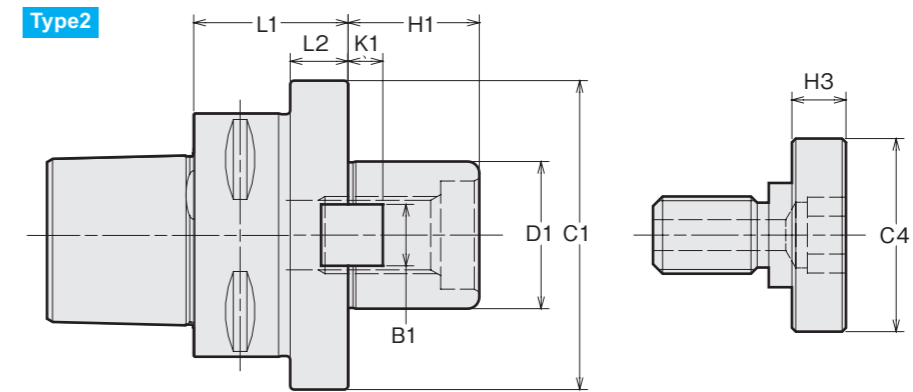
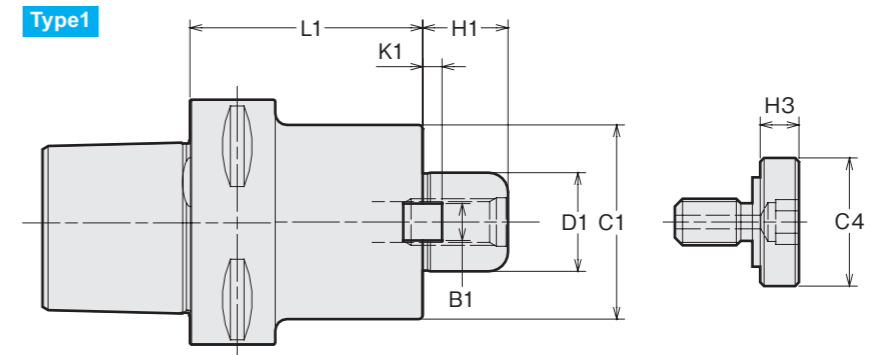
Ordering Example

C5 - SRD10A - 75
 Shank size I.D. Projection length

FMA•A

Face Mill Arbor

- For JIS B4113 face mill.



Code	Model	Type	D1	L1	L2	C1	H1	B1	K1	C4	H3	Clamp bolt	Cutter dia. example
6740 00525030	C5 -FMA25.4A - 30	1	25.4	30	—	50	22	9.5	5	33	10	MBA-M12	80
6740 00525060	- 60	1	25.4	60	—	50	22	9.5	5	33	10	MBA-M12	80
6740 00531045	-FMA31.75A - 45	2	31.75	45	24	60	30	12.7	7	40	10	MBAM16	100
6740 00531060	- 60	2	31.75	60	25	60	30	12.7	7	40	10	MBAM16	100
6740 00625030	C6 -FMA25.4A - 30	1	25.4	30	—	50	22	9.5	5	33	10	MBA-M12	80
6740 00625060	- 60	1	25.4	60	—	50	22	9.5	5	33	10	MBA-M12	80
6740 00625090	- 90	1	25.4	90	—	50	22	9.5	5	33	10	MBA-M12	80
6740 00631030	-FMA31.75A - 30	1	31.75	30	—	60	30	12.7	7	40	10	MBA-M16	100
6740 00631060	- 60	1	31.75	60	—	60	30	12.7	7	40	10	MBA-M16	100
6740 00631090	- 90	1	31.75	90	—	60	30	12.7	7	40	10	MBA-M16	100
6740 00638040	-FMA38.1A - 40	2	38.1	40	15	80	34	15.9	9	50	14	MBA-M20	125

Clamp bolt is Included.

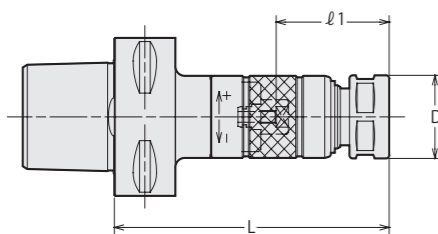
Ordering Example

C5 - FMA25.4A - 60
 Shank size D1 Projection length

STM

Synchronous Tap Holder With Easy Tool Length Adjustment

- Projection length of the cutting tool can be adjusted by simply turning circumference of the holder.



Tap sizes are based on old JIS standard.
(NOTE) Nut O.D. of STM8 is 19mm.

Code	Model	Tap Size	L	D	Nut	Collet	Preset driver	Wrench
6730 00508090	C5 -STM8 - 90	JIS M4~8 DIN M5~M8 ANSI #0~1/4	90	21	KDP-1414	FDC-07	STS-8	SN0017
6730 00508135	- 135		135	21	KDP-1414			
6730 00512090	-STM12 - 90	JIS M4~12 DIN M5~M10 ANSI #0~7/16	90	26	HTP-09	FSC-09	STS-12	S-1L
6730 00512135	- 135		135	26	HTP-09			
6730 00518105	-STM18 - 105	JIS M4~18 DIN M9~M18 ANSI 1/2~7/16	105	36	HTP-16	FSC-16	STS-18	S-4L
6730 00518150	- 150		150	36	HTP-16			
6730 00530105	-STM30 - 105	JIS M20~30 DIN M20 ANSI 3/4~1"	105	46	HTP-22	FSC-22	STS-30	S-5L
6730 00530150	- 150		150	46	HTP-22			
6730 00608090	C6 -STM8 - 90	JIS M4~8 DIN M5~M8 ANSI #0~1/4	90	21	KDP-1414	FDC-07	STS-8	SN0017
6730 00608135	- 135		135	21	KDP-1414			
6730 00612090	-STM12 - 90	JIS M4~12 DIN M5~M10 ANSI #0~7/16	90	26	HTP-09	FSC-09	STS-12	S-1L
6730 00612135	- 135		135	26	HTP-09			
6730 00618105	-STM18 - 105	JIS M14~18 DIN M9~M18 ANSI 1/2~7/16	105	36	HTP-16	FSC-16	STS-18	S-4L
6730 00618150	- 150		150	36	HTP-16			
6730 00630105	-STM30 - 105	JIS M20~30 DIN M20 ANSI 3/4~1"	105	46	HTP-22	FSC-22	STS-30	S-5L
6730 00630150	- 150		150	46	HTP-22			

1. Collet, spanner and preset driver are sold separately.
2. Please see right for l1 dimension. For models with * , please see l1 (*) row in the below chart.
3. Tap holes smaller than M4 can be made by STM8. Collets to be used are as follows.
M1-M2.6: FDC-03007-※※※ M3-M3.5: FDC-04007-※※※
Tap drive will not be used for the above usages.

Ordering Example

C5 - STM12 - 90
Shank size Holder size Projection length
Unit: Metric

STM l1 Dimension (STM 12-30)									
w/out center through coolant					w/center through coolant				
l1	JIS	ANSI	DIN371	DIN376	l1	JIS	ANSI	DIN371	DIN376
21-35	M4-6	#8-12	M5, M6, M8	M8	24-35	M4-6			
23-37	M7-12	1/4 - 7/16	M10		25-37	M7-10	1/4	M5, M6	M8
28-42	M13-15	1/2 - 3/8		M16	26-37	M11-12	1/8SPT-7/16	M8	
32-45	M16-17	5/8			32-42				
33-47	M18-27	1/4PT - 13/16		M20	33-42	M13-15	1/2 - 3/8	M10	
38-52	M30				34-42				M16
					35-46	M16			
					36-47	M18	11/16		
					40-47	M20-21	3/4		M20
					41-47	M22			
					42-47	M23			
					43-47	M24-25			
					44-47	M26-27			
					45-52	M28			
					46-52	M30			
					48-52				



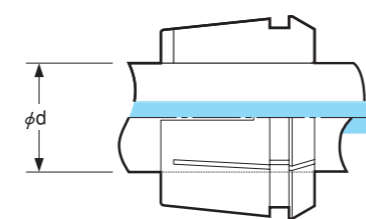
FSC

Collet For Tapper



FSC-OH

For tool with coolant hole



Tool Shank Dia.		Size	Code
ød (inch)	ød (mm)		
ø 0.141	ø 3.6	FSC-09-3.6-OH	—
ø 0.168	ø 4.3	FSC-09-4.3-OH	1334 00104309
ø 0.194	ø 5.0	FSC-09-5.0-OH	1334 00105009
ø 0.220	ø 5.6	FSC-09-5.6-OH	1334 00105609
ø 0.216	ø 5.5	FSC-09-5.5-OH	1334 00105509
ø 0.236	ø 6.0	FSC-09-6.0-OH	1334 00106009
ø 0.240	ø 6.1	FSC-09-6.1-OH	1334 00106109
ø 0.244	ø 6.2	FSC-09-6.2-OH	1334 00106209
ø 0.255	ø 6.5	FSC-09-6.5-OH	1334 00106509
ø 0.275	ø 7.0	FSC-09-7.0-OH	1334 00107009
ø 0.314	ø 8.0	FSC-09-8.0-OH	1334 00108009
ø 0.313	ø 8.0	FSC-09-8.0-OH	1334 00108009
ø 0.318	ø 8.1	FSC-09-8.1-OH	1334 00108109
ø 0.323	ø 8.3	FSC-09-8.3-OH	1334 00108309
ø 0.334	ø 8.5	FSC-09-8.5-OH	1334 00108509
ø 0.354	ø 9.0	FSC-16-9.0-OH	1334 00109016
ø 0.367	ø 9.4	FSC-16-9.4-OH	1334 00109416
ø 0.374	ø 9.5	FSC-16-9.5-OH	1334 00109516
ø 0.381	ø 9.7	FSC-16-9.7-OH	1334 00109716
ø 0.393	ø 10.0	FSC-16-10.0-OH	1334 00110016
ø 0.413	ø 10.5	FSC-16-10.5-OH	1334 00110516
ø 0.429	ø 10.9	FSC-16-10.9-OH	1334 00110916
ø 0.433	ø 11.0	FSC-16-11.0-OH	1334 00111016
ø 0.437	ø 11.1	FSC-16-11.1-OH	1334 00111116
ø 0.472	ø 12.0	FSC-16-12.0-OH	1334 00112016
ø 0.480	ø 12.2	FSC-16-12.2-OH	1334 00112216
ø 0.492	ø 12.5	FSC-16-12.5-OH	1334 00112516
ø 0.511	ø 13.0	FSC-16-13.0-OH	1334 00113016
ø 0.542	ø 13.8	FSC-16-13.8-OH	1334 00113816
ø 0.551	ø 14.0	FSC-16-14.0-OH	1334 00114016
ø 0.562	ø 14.3	FSC-16-14.3-OH	1334 00114316
ø 0.590	ø 15.0	FSC-22-15.0-OH	1334 00115022
ø 0.629	ø 16.0	FSC-22-16.0-OH	1334 00116022
ø 0.652	ø 16.6	FSC-22-16.6-OH	1334 00116622
ø 0.669	ø 17.0	FSC-22-17.0-OH	1334 00117022
ø 0.697	ø 17.8	FSC-22-17.8-OH	1334 00117822
ø 0.700	ø 17.8	FSC-22-17.8-OH	1334 00117822
ø 0.708	ø 18.0	FSC-22-18.0-OH	1334 00118022
ø 0.748	ø 19.0	FSC-22-19.0-OH	1334 00119022
ø 0.800	ø 20.4	FSC-22-20.4-OH	1334 00120422
ø 0.787	ø 20.0	FSC-22-20.0-OH	1334 00120022
ø 0.826	ø 21.0	FSC-22-21.0-OH	1334 00121022
ø 0.866	ø 22.0	FSC-22-22.0-OH	1334 00122022
ø 0.905	ø 23.0	FSC-22-23.0-OH	1334 00123022

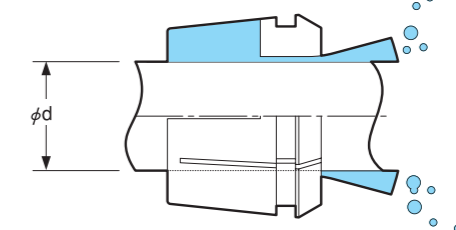
OH type shall be selected in case not utilizing coolant through from the machine spindle.

Ordering Example

FSC - 16 - 9.0 - OH
16 Series Tool Shank Dia.

FSC-C

For Collet through



Tool Shank Dia.		Size	Code
ød (inch)	ød (mm)		
ø 0.141	ø 3.6	FSC-09-3.6-C	—
ø 0.168	ø 4.3	FSC-09-4.3-C	1335 00104309
ø 0.194	ø 5.0	FSC-09-5.0-C	1335 00105009
ø 0.220	ø 5.6	FSC-09-5.6-C	1335 00105609
ø 0.216	ø 5.5	FSC-09-5.5-C	1335 00105509
ø 0.236	ø 6.0	FSC-09-6.0-C	1335 00106009
ø 0.240	ø 6.1	FSC-09-6.1-C	1335 00106109
ø 0.244	ø 6.2	FSC-09-6.2-C	1335 00106209
ø 0.255	ø 6.5	FSC-09-6.5-C	1335 00106509
ø 0.275	ø 7.0	FSC-09-7.0-C	1335 00107009
ø 0.314	ø 8.0	FSC-09-8.0-C	1335 00108009
ø 0.313	ø 8.0	FSC-09-8.0-C	1335 00108009
ø 0.318	ø 8.1	FSC-09-8.1-C	1335 00108109
ø 0.323	ø 8.3	FSC-09-8.3-C	1335 00108309
ø 0.334	ø 8.5	FSC-09-8.5-C	1335 00108509
ø 0.354	ø 9.0	FSC-16-9.0-C	1335 00109016
ø 0.367	ø 9.4	FSC-16-9.4-C	1335 00109416
ø 0.374	ø 9.5	FSC-16-9.5-C	1335 00109516
ø 0.381	ø 9.7	FSC-16-9.7-C	1335 00109716
ø 0.393	ø 10.0	FSC-16-10.0-C	1335 00110016
ø 0.413	ø 10.5	FSC-16-10.5-C	1335 00110516
ø 0.429	ø 10.9	FSC-16-10.9-C	1335 00110916
ø 0.433	ø 11.0	FSC-16-11.0-C	1335 00111016
ø 0.437	ø 11.1	FSC-16-11.1-C	1335 00111116
ø 0.472	ø 12.0	FSC-16-12.0-C	1335 00112016
ø 0.480	ø 12.2	FSC-16-12.2-C	1335 00112216
ø 0.492	ø 12.5	FSC-16-12.5-C	1335 00112516
ø 0.511	ø 13.0	FSC-16-13.0-C	1335 00113016
ø 0.542	ø 13.8	FSC-16-13.8-C	1335 00113816
ø 0.551	ø 14.0	FSC-16-14.0-C	1335 00114016
ø 0.562	ø 14.3	FSC-16-14.3-C	1335 00114316
ø 0.590	ø 15.0	FSC-22-15.0-C	1335 00115022
ø 0.629	ø 16.0	FSC-22-16.0-C	1335 00116022
ø 0.652	ø 16.6	FSC-22-16.6-C	1335 00116622
ø 0.669	ø 17.0	FSC-22-17.0-C	1335 00117022
ø 0.697	ø 17.8	FSC-22-17.8-C	1335 00117822
ø 0.700	ø 17.8	FSC-22-17.8-C	1335 00117822
ø 0.708	ø 18.0	FSC-22-18.0-C	1335 00118022
ø 0.748	ø 19.0	FSC-22-19.0-C	1335 00119022
ø 0.800	ø 20.4	FSC-22-20.4-C	1335 00120422
ø 0.787	ø 20.0	FSC-22-20.0-C	1335 00120022
ø 0.826	ø 21.0	FSC-22-21.0-C	1335 00121022
ø 0.866	ø 22.0	FSC-22-22.0-C	1335 00122022
ø 0.905	ø 23.0	FSC-22-23.0-C	1335 00123022

Ordering Example

FSC - 16 - 9.0 - C
16 Series Tool Shank Dia.



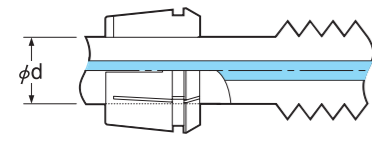
Tap size reference chart (collet, preset driver)

FDC-07 or FSC - collet

preset driver & tool for changing driver

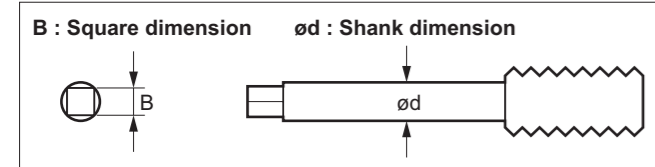
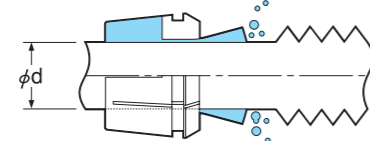
OH Type

● OH type collet should be used for center-through coolant feeding and external coolant feeding.



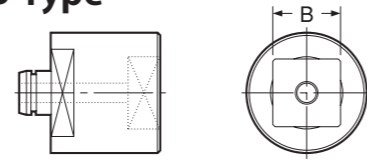
C Type

● when "collet-through" coolant feeding is needed.



※ Please select OH type for non-coolant use.

STS Type



STS-R Type



Holder Model	Tap Size (ANSI)	ød (inch)	ød (mm)	Collet Model (OH or C)	B (inch)	B (mm)	Preset Driver
STM8	#0-6	0.141	3.581	FDC-03607**	0.110	2.794	STS8-□ 2.8
	#8	0.168	4.267	FDC-04307**	0.131	3.327	STS8-□ 3.4
	#10	0.194	4.927	FDC-05007**	0.152	3.860	STS8-□ 4.0
	#12	0.220	5.58	FDC-05607**	0.165	4.191	STS8-□ 4.2
	1/4	0.255	6.477	FDC-06507**	0.191	4.851	STS8-□ 4.9
STM12	#0-6	0.141	3.581	FSC-09-3.6**	0.110	2.794	STS12-□ 2.8
	#8	0.168	4.267	FSC-09-4.3**	0.131	3.327	STS12-□ 3.4
	#10	0.194	4.927	FSC-09-5.0**	0.152	3.860	STS12-□ 4.0
	#12	0.220	5.588	FSC-09-5.6**	0.165	4.191	STS12-□ 4.2
	1/4	0.255	6.477	FSC-09-6.5**	0.191	4.851	STS12-□ 4.9
	1/8SPT	0.313	7.950	FSC-09-8.0**	0.234	5.943	STS12-□ 6.0
	5/16	0.318	8.077	FSC-09-8.1**	0.238	6.045	STS12-□ 6.1
STM18	7/16	0.323	8.204	FSC-09-8.3**	0.242	6.146	STS12-□ 6.2
	1/2	0.367	9.321	FSC-16-9.4**	0.275	6.985	STS18-□ 7.0
	3/8	0.381	9.677	FSC-16-9.7**	0.286	7.264	STS18-□ 7.3
	9/16	0.429	10.896	FSC-16-10.9**	0.322	8.178	STS18-□ 8.2
	11/16	0.542	13.766	FSC-16-13.8**	0.406	10.312	STS18-□ 10.4
	1/4PT	0.562	14.274	FSC-16-14.3**	0.421	10.693	STS18-□ 10.7
	5/8	0.480	12.192	FSC-16-12.2**	0.360	9.144	STS18-□ 9.2
STM30	13/16	0.652	16.560	FSC-22-16.6**	0.489	12.420	STS30-□ 12.5
	7/8	0.697	17.703	FSC-22-17.8**	0.523	13.284	STS30-□ 13.3
	3/8PT	0.700	17.780	FSC-22-17.8**	0.531	13.487	STS30-□ 13.5
	1	0.800	20.320	FSC-22-20.4**	0.600	15.24	STS30-□ 15.3

For DIN and ISO, please refer to next page.

Ordering Example

FSC - 22 - 20.4 - OH
 Collet size Collet I.D. (d) OH: for tool with coolant hole
 C: for collet through

Combination of accessories

Tap holder	Collet	Preset driver		Nut		Tool changing driver		Spanner	
Model	Model	Model	Code	Model	Code	Model	Code	Model	Code
STM8	FDC-07	STS8	3914 0100**03	KDP-1414	0070 01001407	STS-R0	3914 00000006	SN0017	819800007134
STM12	FSC-09	STS12	3914 1100**03	HTP-09	1314 00000009	STS-R1	3914 10000006	S-1L	0803 00000011
STM18	FSC-16	STS18	3914 310***03	HTP-16	1314 00000016	STS-R2	3914 30000006	S-4L	0803 00000014
STM30	FSC-22	STS30	3914 410***03	HTP-22	1314 00000022	STS-R2	3914 30000006	S-5L	0803 00000015



Tap size reference chart (collet, preset driver)

FDC-07 or FSC - collet

preset driver & tool for changing driver

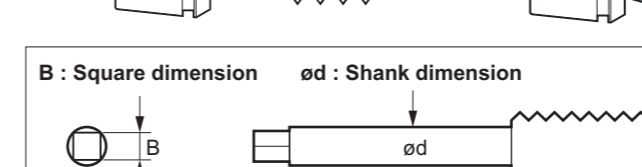
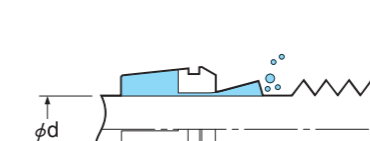
OH Type

● OH type collet should be used for center-through coolant feeding and external coolant feeding.



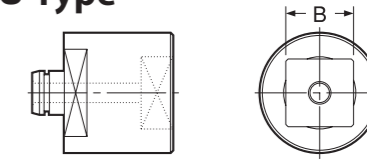
C Type

● when "collet-through" coolant feeding is needed.



※ Please select OH type for non-coolant use.

STS Type



STS-R Type



Holder Model	Tap Size					ød	Collet Model (OH or C)	B	Preset Driver	Tool for Changing Driver	
	Old JIS Taps			DIN 371	DIN 376						
	Metric Thread	Unified Thread	Pipe Taper Thread								
STM8	M4-M4.5	UNo.8				5.0	FDC-05007**	4.0	STS8-□4.0	STS-R0	
	M5-M5.5	UNo.10-12				5.5	FDC-05507**	4.5	STS8-□4.5	STS-R0	
	M6	U1/4				6.0	FDC-06007**	4.5	STS8-□4.5	STS-R0	
				M5, M6	M8x1.25	6.0	FDC-06007**	4.9	STS8-□4.9	STS-R0	
			U5/16			6.1	FDC-06107**	5.0	STS8-□5.0	STS-R0	
		M7-8				6.2	FDC-06207**	5.0	STS8-□5.0	STS-R0	
STM12	M4-M4.5	UNo.8				5.0	FSC-09-5.0**	4.0	STS12-□4.0	STS-R1	
	M5-M5.5	UNo.10-12				5.5	FSC-09-5.5**	4.5	STS12-□4.5	STS-R1	
	M6	U1/4				6.0	FSC-09-6.0**	4.5	STS12-□4.5	STS-R1	
				M5, M6	M8x1.25	6.0	FSC-09-6.0**	4.9	STS12-□4.9	STS-R1	
			U5/16			6.1	FSC-09-6.1**	5.0	STS12-□5.0	STS-R1	
		M7-8				6.2	FSC-09-6.2**	5.0	STS12-□5.0	STS-R1	
STM18	M9-M10	U3/8		M7	M10	7.0	FSC-09-7.0**	5.5	STS12-□5.5	STS-R1	
				M8		8.0	FSC-09-8.0**	6.2	STS12-□6.2	STS-R1	
	M11	U7/16	PT1/16-1/8			8.0	FSC-09-8.0**	6.0	STS12-□6.0	STS-R1	
	M12					8.5	FSC-09-8.5**	6.5	STS12-□6.5	STS-R1	
			U1/2		M9	M12	9.0	FSC-16-9.0**	7.0	STS18-□7.0	STS-R2
							9.5	FSC-16-9.5**	7.0	STS18-□7.0	STS-R2
STM18				M10x1.5		10.0	FSC-16-10.0**	8.0	STS18-□8.0	STS-R2	
	M14-15	U9/16				10.5	FSC-16-10.5**	8.0	STS18-□8.0	STS-R2	
			PT1/4		M14		11.0	FSC-16-11.0**	9.0	STS18-□9.0	STS-R2
		U5/8			M16		12.0	FSC-16-12.0**	9.0	STS18-□9.0	STS-R2
	M16					12.5	FSC-16-12.5**	10.0	STS18-□10.0	STS-R2	
	M17					13.0	FSC-16-13.0**	10.0	STS18-□10.0	STS-R2	
STM30	M18-M19	U3/4	PT3/8		M18	14.0	FSC-16-14.0**	11.0	STS18-□11.0	STS-R2	
	M20					15.0	FSC-22-15.0**	12.0	STS30-□12.0	STS-R2	
	M21				M20	16.0	FSC-22-16.0**	12.0	STS30-□12.0	STS-R2	
	M22	U7/8				17.0	FSC-22-17.0**	13.0	STS30-□13.0	STS-R2	
	M23		PT1/2			18.0	FSC-22-18.0**	14.0	STS30-□14.0	STS-R2	
	M24-M25		PT5/8			19.0	FSC-22-19.0**	15.0	STS30-□15.0	STS-R2	
STM30	M26-M27	U1				20.0	FSC-22-20.0**	15.0	STS30-□15.0	STS-R2	
	M28					21.0	FSC-22-21.0**	17.0	STS30-□17.0	STS-R2	
		U1-1/8				22.0	FSC-22-22.0**	17.0	STS30-□17.0	STS-R2	
	M30		PT3/4			23.0	FSC-22-23.0**	17.0	STS30-□17.0	STS-R2	

Ordering Example

FSC - 22 - 20.0 - OH
 Collet size Collet I.D. (d) OH: for tool with coolant hole
 C: for collet through



NT USA CORPORATION

318 Seaboard Lane Suite 301 Franklin TN,37067 U.S.A.

Tel. 1-615-771-1899

Fax 1-615-771-0121

URL www.nttoolusa.com

E-mail sales@nttoolusa.com

NT TOOL CORPORATION

WORLDWIDE NETWORK



Available in more than 30 countries

JAPAN HEAD OFFICE

1-7-10, Yoshikawa-cho, Takahama City, Aichi, 444-1386 Japan

Tel. 81-566-54-0101 Fax. 81-566-54-0111

www.nttool.com E-mail: technomail@nttool.co.jp

TOKYO OFFICE

Tel. 81-3-3451-9141 Fax. 81-3-3451-9085

OSAKA OFFICE

Tel. 81-6-6308-1332 Fax. 81-6-6302-0653

HIROSHIMA OFFICE

Tel. 81-82-258-3810 Fax. 81-82-258-3811

IIDA FACTORY

Tel. 81-265-25-5200 Fax. 81-265-25-5225

EMAIL



sales@nttoolusa.com

EUROPE OFFICE

Siemensstrasse 17A, 61449 Steinbach / Ts., Germany

Tel.49-6171-91639-0 Fax.49-6171-91639-90

www.nttooleurope.com E-mail: info@nttooleurope.com

CHINA OFFICE

Room N, Floor 15, MeiXin building, 728 The Xizangzhong Rd., Shanghai 200001 P.R.China

Tel. 86-21-6361-9540 Fax. 86-21-6360-7845

E-mail: nt-shanghai@nttool.co.jp

THAILAND OFFICE / FACTORY

222 Moo 1, Hi-tech Industrial Estate, Banpho, Bang Pa-in, Ayuthaya 13160 Thailand

Tel. 66-3531-4180 Fax. 66-3531-4182

E-mail: nt_thai@ksc.th.com

INDONESIA OFFICE / FACTORY

Jl. Mitra Raya II Blok E No.3, Kaw. Industri Mitrakarawang

Parungmulya, Ciampel, Karawang, Jawa Barat, 41361 Indonesia

Tel. 62-267-863-1711 Fax. 62-267-863-1712

E-mail: nt-indonesia@nttool.jp

ISO 9001



JQA-1372



A-5090

※Except imported products and products made under OEM contracts.

ISO 14001



JQA-EM4855



CM009



091

●The specification on this catalog may be changed without prior notice.