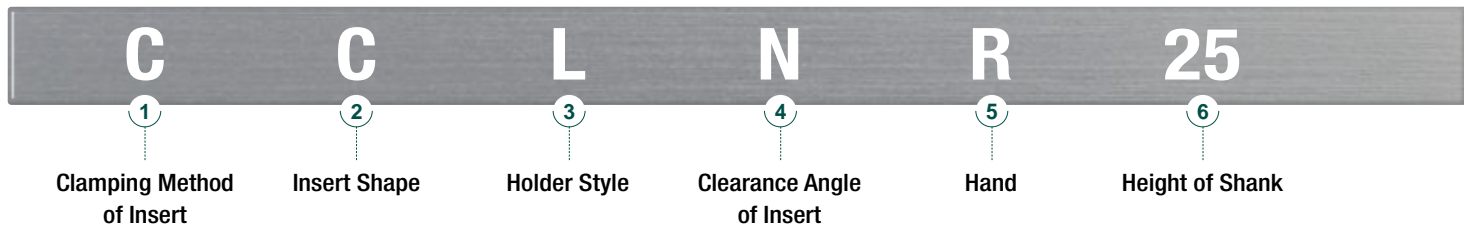
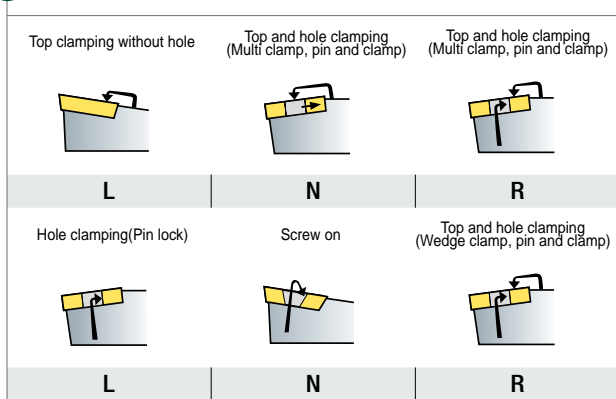


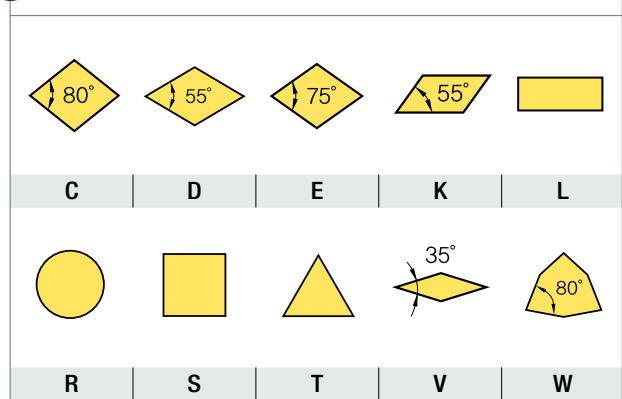
Code System - External Toolholders



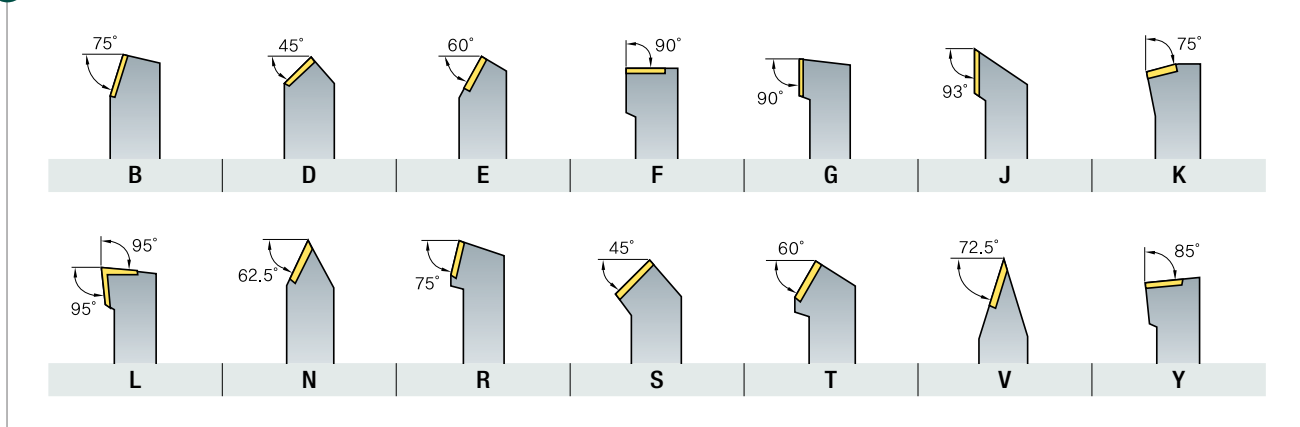
1 Clamping Method of Insert



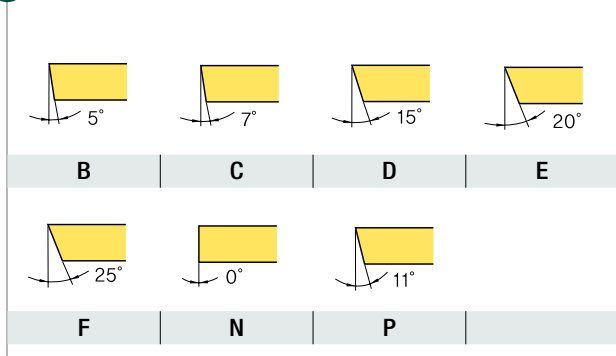
2 Insert Shape



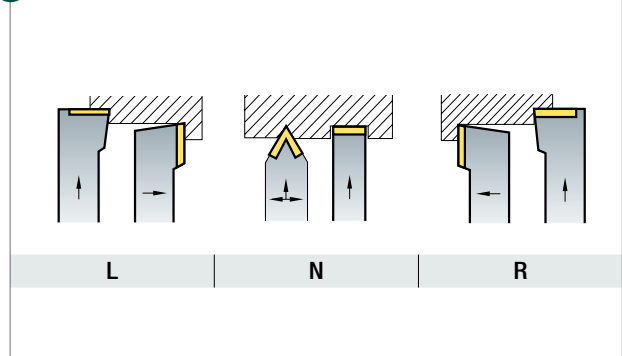
3 Insert Shape



4 Clearance Angle of Insert



5 Hand





Grade Information



Ceramic Inserts



Tool Holders



Technical Information



25

7

Width of Shank

M

8

Length of Holder

12

9

Length of Insert Cutting Edge

-

A

10

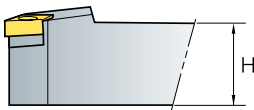
Clamping System

7

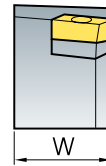
11

Thickness of Insert

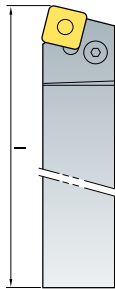
6 Height of Shank



7 Width of Shank

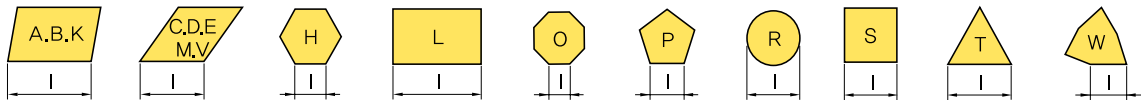


8 Length of Holder



A - 32	H - 100	Q - 180	X-Special Item
B - 40	J - 110	R - 200	
C - 50	K - 125	S - 250	
D - 60	L - 140	T - 300	
E - 70	M - 150	U - 350	
F - 80	N - 160	V - 400	
G - 90	P - 170	W - 450	

9 Length of Insert Cutting Edge



10 Clamping System

A type	X type	B type
+	+	+

11 Thickness of Insert



Index	S(mm)
3	3.18
4	4.76
6	6.35
7	7.94
9	9.52

Tool Holders - Index

CCLN

54p



CCBN

55p



CCKN

56p



CDHN

57p



CDJN

58p



CDNN

59p



CEFN

60p



CEGN

61p



CEJN

62p



CRDN

63p



CRGN

64p



CRDB

65p



CRDC

66p



CSBN

67p



CSDN

68p



CSKN

69p



CSRN

70p



CSSN

71p



CSYN

72p



CTFN

73p



CTGN

74p



CWLN

75p



CSRC

76p



CSSC

77p





Grade Information



Ceramic Inserts



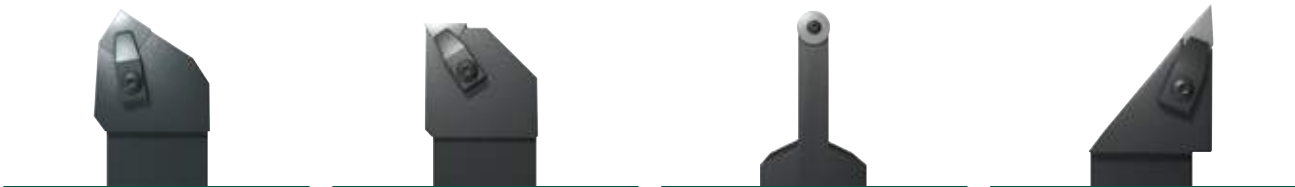
Tool Holders



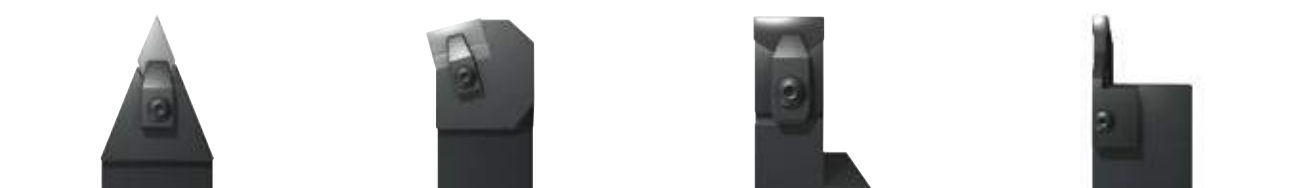
Technical Information

Tool Holders - Index

CSTP 78p **CTFP** 79p **HRC D** 80p **CVJN** 81p



CVVN 82p **CLKN** 83p **CFLN** 84p **CSBF** 85p



CSBR 86p **CSGF** 87p **CSGR** 88p **CSSF** 89p



CSSR 90p **CSSF..N** 91p **CWF/R** 92p **CSVN** 93p

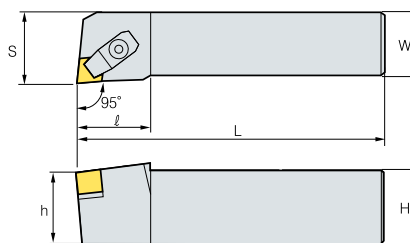


CGVN 94p **CINN** 95p



Tool Holders - External Toolholders

CCLN











(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CCLNR/L 2525M12-A4	25	25	150	35	32	CNGN1204	UH1	SHCN4A	BM510	LW4
CCLNR/L 2525M12-A7	25	25	150	35	32	CNGN1207	UH1	SHCN4A	BM510	LW4
CCLNR/L 2525M12-X7	25	25	150	35	32	CNG(V)X1207	UH5	SHCN4A	BM510	LW4
CCLNR/L 3225P12-A4	32	25	170	35	32	CNGN1204	UH1	SHCN4A	BM510	LW4
CCLNR/L 3225P12-A7	32	25	170	35	32	CNGN1207	UH1	SHCN4A	BM510	LW4
CCLNR/L 3225P12-X7	32	25	170	35	32	CNG(V)X1207	UH5	SHCN4A	BM510	LW4
CCLNR/L 3225P16-X7	32	25	170	35	32	CNG(V)X1607	UH5	SHCN5A	FM510	LW4
CCLNR/L 3225P16-A7	32	25	170	35	32	CNGN1607	UH1	SHCN5A	FM510	LW4
CCLNR/L 4040S19-A7	40	40	250	60	50	CNGN1907	UH4	SHCN6A	FM615	LW6
CCLNR/L 5050T25-A9	50	50	300	65	60	CNGN2509	UH25	SHCN8	FM815	LW6

Available Inserts

CNGN	CNGX	CNVX
		
(16p)	(17p)	(17p)

Parts

Clamp & Clamp Screw				Shim	Shim Screw		Wrench
							
UH1	UH4	UH5	UH25	SHCN4A SHCN5A SHCN6A SHCN8	BM510	FM510 FM615 FM815	LW4 LW6



Grade Information

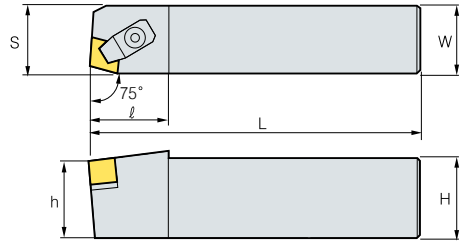


Ceramic Inserts

**Tool Holders**

Technical Information

External Toolholders

CCBN

(mm)

Designation	H(h)	W	L	ℓ	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CCBNR/L 2525M12-A4	25	25	150	35	22	CNGN1204	UH1	SHCN4A	BM510	LW4
CCBNR/L 2525M12-A7	25	25	150	35	22	CNGN1207	UH1	SHCN4A	BM510	LW4
CCBNR/L 2525M12-X7	25	25	150	35	22	CNG(V)X1207	UH5	SHCN4A	BM510	LW4
CCBNR/L 3225P12-A4	32	25	170	35	22	CNGN1204	UH1	SHCN4A	BM510	LW4
CCBNR/L 3225P12-A7	32	25	170	35	22	CNGN1207	UH1	SHCN4A	BM510	LW4
CCBNR/L 3225P12-X7	32	25	170	35	22	CNG(V)X1207	UH5	SHCN4A	BM510	LW4
CCBNR/L 3225P16-A7	32	25	170	35	27	CNG(V)X1607	UH1	SHCN5A	FM510	LW4
CCBNR/L 3225P16-X7	32	25	170	35	27	CNGN1607	UH5	SHCN5A	FM510	LW4
CCBNR/L 4040S19-A7	40	40	250	60	36	CNGN1907	UH4	SHCN6A	FM615	LW6
CCBNR/L 5050T25-A9	50	50	300	65	45	CNGN2509	UH25	SHCN8	FM815	LW6

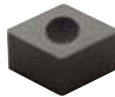
Available Inserts

CNGN



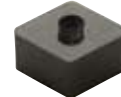
(16p)

CNGX



(17p)

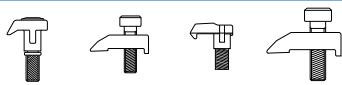
CNVX



(17p)

Parts

Clamp & Clamp Screw

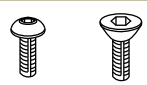


UH1 UH4 UH5 UH25

Shim

SHCN4A
SHCN5A
SHCN6A
SHCN8

Shim Screw

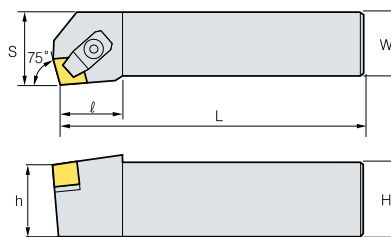
BM510 FM510
FM615
FM815

Wrench

LW4
LW6

External Toolholders

CCKN








(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CCKNR/L 2525M12-A4	25	25	150	29	32	CNGN1204	UH1	SHCN4A	BM510	LW4
CCKNR/L 2525M12-A7	25	25	150	29	32	CNGN1207	UH1	SHCN4A	BM510	LW4
CCKNR/L 2525M12-X7	25	25	150	29	32	CNG(V)X1207	UH5	SHCN4A	BM510	LW4
CCKNR/L 3225P12-A4	32	25	170	29	32	CNGN1204	UH1	SHCN4A	BM510	LW4
CCKNR/L 3225P12-A7	32	25	170	29	32	CNGN1207	UH1	SHCN4A	BM510	LW4
CCKNR/L 3225P12-X7	32	25	170	29	32	CNG(V)X1207	UH5	SHCN4A	BM510	LW4

Available Inserts

CNGN	CNGX	CNVX
		
(16p)	(17p)	(17p)

Parts

Clamp & Clamp Screw		Shim	Shim Screw	Wrench
				
UH1	UH5	SHCN4A	BM510	LW4



Grade Information



Ceramic Inserts



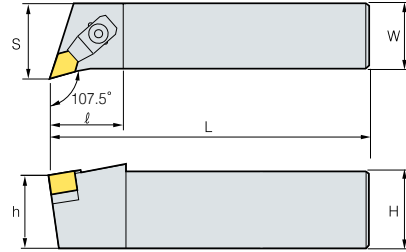
Tool Holders



Technical Information

External Toolholders

CDHN



(mm)

Designation	H(h)	W	L	ℓ	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CDHNR/L 2525M15-A4	25	25	150	33	32	DNGN1504	UH1	SHDN4A	BM510	LW4
CDHNR/L 2525M15-A7	25	25	150	33	32	DNGN1507	UH1	SHDN4A	BM510	LW4
CDHNR/L 2525M12-X7	25	25	150	30	32	DNGX1207	UH5	SHDN3A	TM3507	LW4
CDHNR/L 2525M15-X7	25	25	150	33	32	DNGX1507	UH5	SHDN4A	BM510	LW4
CDHNR/L 3225P15-A4	32	25	170	33	32	DNGN1504	UH1	SHDN4A	BM510	LW4
CDHNR/L 3225P15-A7	32	25	170	33	32	DNGN1507	UH1	SHDN4A	BM510	LW4
CDHNR/L 3225P12-X7	32	25	170	30	32	DNGX1207	UH5	SHDN3A	TM3507	LW4
CDHNR/L 3225P15-X7	32	25	170	33	32	DNGX1507	UH5	SHDN4A	BM510	LW4

Available Inserts

DNGN



(21p)

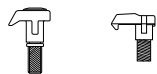
DNGX



(21p)

Parts

Clamp & Clamp Screw



UH1

UH5

Shim



SHDN3A
SHDN4A

Shim Screw



TM3507

BM510

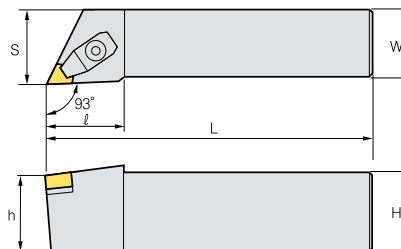
Wrench



LW4

External Toolholders

CDJN



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CDJNR/L 2525M15-A4	25	25	150	38	32	DNGN1504	UH1	SHDN4A	BM510	LW4
CDJNR/L 2525M15-A7	25	25	150	38	32	DNGN1507	UH1	SHDN4A	BM510	LW4
CDJNR/L 2525M12-X7	25	25	150	38	32	DNGX1207	UH5	SHDN3A	TM3507	LW4
CDJNR/L 2525M15-X7	25	25	150	38	32	DNGX1507	UH5	SHDN4A	BM510	LW4
CDJNR/L 3225P15-A4	32	25	170	38	32	DNGN1504	UH1	SHDN4A	BM510	LW4
CDJNR/L 3225P15-A7	32	25	170	38	32	DNGN1507	UH1	SHDN4A	BM510	LW4
CDJNR/L 3225P12-X7	32	25	170	38	32	DNGX1207	UH5	SHDN3A	TM3507	LW4
CDJNR/L 3225P15-X7	32	25	170	38	32	DNGX1507	UH5	SHDN4A	BM510	LW4

Available Inserts

DNGN



(21p)

DNGX



(21p)

Parts

Clamp & Clamp Screw



UH1

UH5

Shim



SHDN3A
SHDN4A

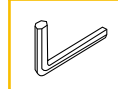
Shim Screw



TM3507

BM510

Wrench



LW4



Grade Information



Ceramic Inserts



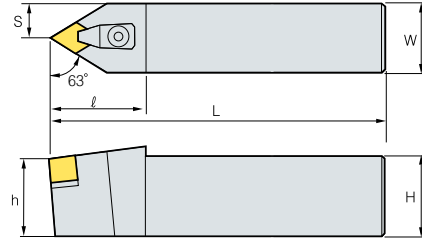
Tool Holders



Technical Information

External Toolholders

CDNN



(mm)

Designation	H(h)	W	L	l	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CDNNN 2525M15-A4	25	25	150	40	12.5	DNGN1504	UH1	SHDN4A	BM510	LW4
CDNNN 2525M15-A7	25	25	150	40	12.5	DNGN1507	UH1	SHDN4A	BM510	LW4
CDNNN 4025M15-A7	40	25	150	40	12.5	DNGN1507	UH1	SHDN4A	BM510	LW4

Available Inserts

DNGN



(21p)

Parts

Clamp & Clamp Screw



UH1

Shim



SHCN4A

Shim Screw



BM510

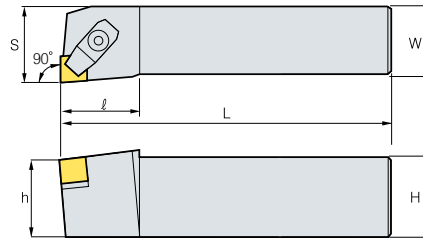
Wrench



LW4

External Toolholders

CEFN

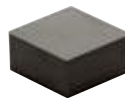


(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CEFNR/L 2525M13-A7	25	25	150	29	32	ENGN1307	UH1	SHEN4A	BM510	LW4
CEFNR/L 3225P13-A7	32	25	170	29	32	ENGN1307	UH1	SHEN4A	BM510	LW4

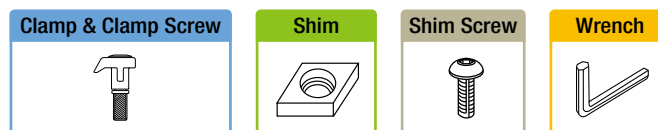
Available Inserts

ENGN



(22p)

Parts



UH1

SHEN4A

BM510

LW4



Grade Information



Ceramic Inserts



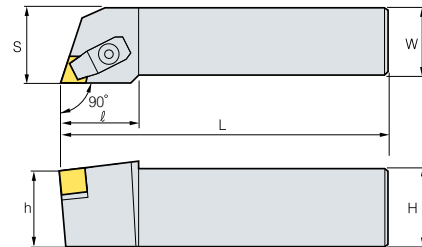
Tool Holders



Technical Information

External Toolholders

CEGN



(mm)

Designation	H(h)	W	L	ℓ	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CEGNR/L 2525M13-A7	25	25	150	23	32	ENGN1307	UH1	SHEN4A	BM510	LW4
CEGNR/L 3225P13-A7	32	25	170	23	32	ENGN1307	UH1	SHEN4A	BM510	LW4

Available Inserts

ENGN



(22p)

Parts

Clamp & Clamp Screw



UH1

Shim



SHEN4A

Shim Screw



BM510

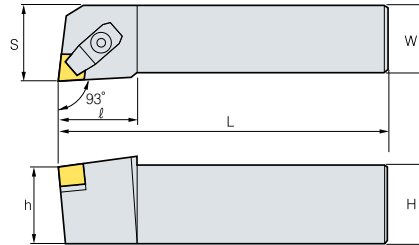
Wrench



LW4

External Toolholders

CEJN



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CEJNR/L 2525M13-A7	25	25	150	30	32	ENGN1307	UH1	SHEN4A	BM510	LW4
CEJNR/L 3225P13-A7	32	25	170	30	32	ENGN1307	UH1	SHEN4A	BM510	LW4

Available Inserts

ENGN



(22p)

Parts

Clamp & Clamp Screw



UH1

Shim



SHEN4A

Shim Screw



BM510

Wrench



LW4



Grade Information

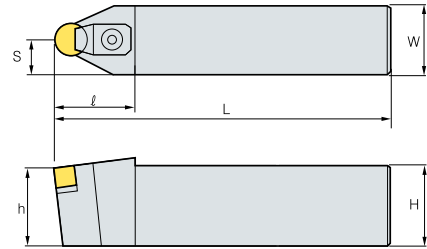


Ceramic Inserts

**Tool Holders**

Technical Information

External Toolholders

CRDN

(mm)

Designation	H(h)	W	L	l	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CRDNN 2525M09-A4	25	25	150	32	12.5	RNGN0904	UH1	SHRN3A	TM3507	LW4
CRDNN 2525M09-A7	25	25	150	32	12.5	RNGN0907	UH1	SHRN3A	TM3507	LW4
CRDNN 2525M12-A4	25	25	150	32	12.5	RNGN1204	UH1	SHRN4A	BM510	LW4
CRDNN 2525M12-A7	25	25	150	32	12.5	RNGN1207	UH1	SHRN4A	BM510	LW4
CRDNN 2525M12-X7	25	25	150	32	12.5	RNGX1207	UH5	SHRN4A	BM510	LW4
CRDNN 3225P12-A4	32	25	170	32	12.5	RNGN1204	UH1	SHRN4A	BM510	LW4
CRDNN 3225P12-A7	32	25	170	32	12.5	RNGN1207	UH1	SHRN4A	BM510	LW4
CRDNN 3225P12-X7	32	25	170	32	12.5	RNGX1207	UH5	SHRN4A	BM510	LW4
CRDNN 3225P15-A7	32	25	170	32	12.5	RNGN1507	UH1	SHRN5A	BM510	LW4
CRDNN 3225P19-A7	32	25	170	32	12.5	RNGN1907	UH4	SHRN6	FM512	LW6

Available Inserts

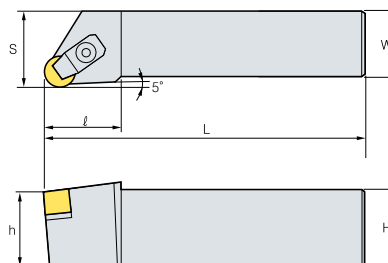
RNGN	RNGX .. DP
(23p)	(25p)

Parts

Clamp & Clamp Screw			Shim		Shim Screw			Wrench
UH1	UH4	UH5	SHRN3A SHRN4A SHRN5A	SHRN6	BM510	TM3507	FM512	LW4 LW6

External Toolholders

CRGN












(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CRGNR/L 2525M09-A4	25	25	150	32	32	RNGN0904	UH1	SHRN3A	TM3507	LW4
CRGNR/L 2525M09-A7	25	25	150	32	32	RNGN0907	UH1	SHRN3A	TM3507	LW4
CRGNR/L 2525M12-A4	25	25	150	35	32	RNGN1204	UH1	SHRN4A	BM510	LW4
CRGNR/L 2525M12-A7	25	25	150	35	32	RNGN1207	UH1	SHRN4A	BM510	LW4
CRGNR/L 2525M12-X7	25	25	150	35	32	RNGX1207	UH5	SHRN4A	BM510	LW4
CRGNR/L 3225P12-A4	32	25	170	35	32	RNGN1204	UH1	SHRN4A	BM510	LW4
CRGNR/L 3225P12-A7	32	25	170	35	32	RNGN1207	UH1	SHRN4A	BM510	LW4
CRGNR/L 3225P12-X7	32	25	170	35	32	RNGX1207	UH5	SHRN4A	BM510	LW4
CRGNR/L 3225P15-A7	32	25	170	37	32	RNGN1507	UH1	SHRN5A	BM510	LW4
CRGNR/L 3225P19-A7	32	25	170	45	32	RNGN1907	UH4	SHRN6	FM512	LW6

Available Inserts

RNGN	RNGX .. DP
	
(23p)	(25p)

Parts

Clamp & Clamp Screw			Shim		Shim Screw			Wrench
								
UH1	UH4	UH5	SHRN3A SHRN4A SHRN5A	SHRN6	BM510	TM3507	FM512	LW4 LW6



Grade Information



Ceramic Inserts



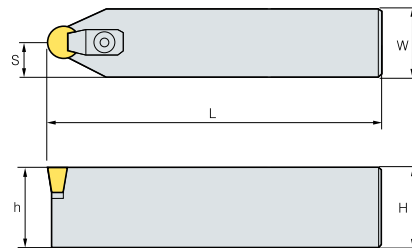
Tool Holders



Technical Information

External Toolholders

CRDB



(mm)

Designation	H(h)	W	L	S	Insert	Parts			
						Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CRDBN 2525M12-A	25	25	150	12.5	RBGX12T	UH1	SHRB12	SH3015	LW4
CRDBN 2525M16-A	25	25	150	12.5	RBGX16T	UH1	SHRB16	SH3515	LW4
CRDBN 3232P12-A	32	32	170	16	RBGX12T	UH1	SHRB12	SH3015	LW4
CRDBN 3232P16-A	32	32	170	16	RBGX16T	UH1	SHRB16	SH3515	LW4
CRDBN 3232P20-A	32	32	170	16	RBGX20T	UH4	SHRB20	SH5015	LW6
CRDBN 3232P26-A	32	32	170	16	RBGX26T	UH4	SHRB26	SH6015	LW6

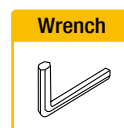
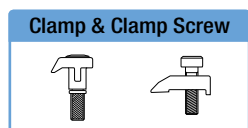
Available Inserts

RBGX



(38p)

Parts



UH1

UH4

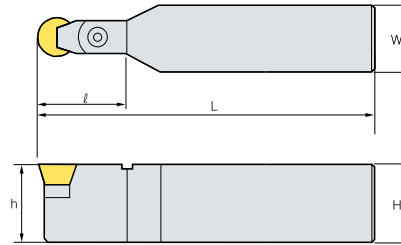
SHRB12
SHRB16
SHRB20
SHRB26

SH3015
SH3515
SH5015
SH6015

LW4
LW6

External Toolholders

CRDC



(mm)

Designation	H(h)	W	L	S	Insert	Parts			
						Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CRDCN 3225P06-A4	32	25	170	20	RCGX0604	CLRC6	SHRC102	FM210	LW3
CRDCN 3225P06-A6	32	25	170	20	RCGX0606	CLRC6	SHRC102	FM210	LW3
CRDCN 3225P06-A7	32	25	170	20	RCGX0607	CLRC6	SHRC102	FM210	LW3
CRDCN 3225P09-A7	32	25	170	20	RCGX0907	CLRC9	SHRC103	FM315	LW4
CRDCN 3225P12-A7	32	25	170	20	RCGX1207	UH1	SHRC104	FM415	LW4
CRDCN 5040T12-A7	50	40	300	30	RCGX1207	UH1	SHRC104	FM415	LW4
CRDCN 5040T15-A10	50	40	300	35	RCGX1510	UH1	SHRC105	FM415	LW4
CRDCN 5040T19-A10	50	40	300	45	RCGX1910	UH4	SHRC106	FM415	LW6
CRDCN 5040T25-A12	50	40	300	50	RCGX2512	UH25	SHRC108	FM615	LW6

Available Inserts

RCGX



(39p)

Parts



CLRC6	CLRC9	SHRC102	SHRC105	FM210	FM415	LW3
UH1	UH4	UH25	SHRC103	SHRC106	FM315	FM615
			SHRC104	SHRC108		LW4
						LW6



Grade Information



Ceramic Inserts



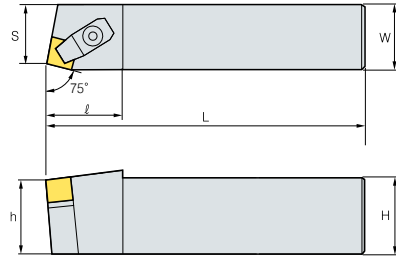
Tool Holders



Technical Information

External Toolholders

CSBN



(mm)

Designation	H(h)	W	L	ℓ	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSBNR/L 2525M12-A4	25	25	150	34	22	SNGN1204	UH1	SHSN4A	BM510	LW4
CSBNR/L 2525M12-A7	25	25	150	34	22	SNGN1207	UH1	SHSN4A	BM510	LW4
CSBNR/L 2525M12-X7	25	25	150	34	22	SNGX1207	UH5	SHSN4A	BM510	LW4
CSBNR/L 2525M15-A7	25	25	150	34	22	SNGN1507	UH1	SHSN5A	FM512	LW4
CSBNR/L 2525M15-X7	25	25	150	40	22	SNGX1507	UH5	SHSN5A	FM512	LW4
CSBNR/L 3225P12-A7	32	25	170	34	22	SNGN1207	UH1	SHSN4A	BM510	LW4
CSBNR/L 3225P12-X7	32	25	170	34	22	SNGX1207	UH5	SHSN4A	BM510	LW4
CSBNR/L 3225P15-A7	32	25	170	40	22	SNGN1507	UH1	SHSN5A	FM512	LW4
CSBNR/L 3225P15-X7	32	25	170	40	22	SNGX1507	UH5	SHSN5A	FM512	LW4
CSBNR/L 4040S19-A7	40	40	250	54	35	SNGN1907	UH4	SHSN6A	FM612	LW6
CSBNR/L 5050T25-A9	50	50	300	65	45	SNGN2509	UH25	SHSN8	FM815	LW6

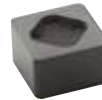
Available Inserts

SNGN



(28p)

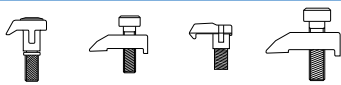
SNGX



(29p)

Parts

Clamp & Clamp Screw



UH1 UH4 UH5 UH25

Shim



SHSN4A SHSN5A SHSN6A SHSN8

Shim Screw



BM510 FM510 FM615 FM815

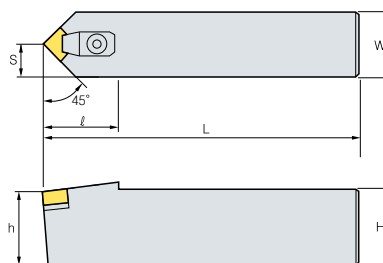
Wrench



LW4 LW6

External Toolholders

CSDN



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSDNN 2525M12-A4	25	25	150	35	12.5	SNGN1204	UH1	SHSN4A	BM510	LW4
CSDNN 2525M12-A7	25	25	150	35	12.5	SNGN1207	UH1	SHSN4A	BM510	LW4
CSDNN 2525M12-X7	25	25	150	35	12.5	SNGX1207	UH5	SHSN4A	BM510	LW4
CSDNN 2525M15-A7	25	25	150	38	12.5	SNGN1507	UH1	SHSN5A	FM512	LW4
CSDNN 2525M15-X7	25	25	150	38	12.5	SNGX1507	UH5	SHSN5A	FM512	LW4
CSDNN 3225P12-A7	32	25	170	35	12.5	SNGN1207	UH1	SHSN4A	BM510	LW4
CSDNN 3225P12-X7	32	25	170	35	12.5	SNGX1207	UH5	SHSN4A	BM510	LW4
CSDNN 3225P15-A7	32	25	170	38	12.5	SNGN1507	UH1	SHSN5A	FM512	LW4
CSDNN 3225P15-X7	32	25	170	38	12.5	SNGX1507	UH5	SHSN5A	FM512	LW4
CSDNN 4040S19-A7	40	40	250	60	20	SNGN1907	UH4	SHSN6A	FM612	LW6
CSDNN 5050T25-A9	50	50	300	60	25	SNGN2509	UH25	SHSN8	FM815	LW6

Available Inserts

SNGN



(28p)

SNGX



(29p)

Parts

Clamp & Clamp Screw



UH1 UH4 UH5 UH25

Shim



SHSN4A SHSN6A
SHSN5A SHSN8

Shim Screw



BM510 FM512
FM612
FM815

Wrench



LW4
LW6



Grade Information



Ceramic Inserts



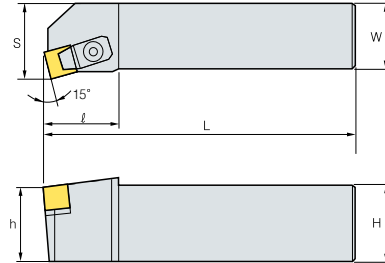
Tool Holders



Technical Information

External Toolholders

CSKN



(mm)

Designation	H(h)	W	L	l	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSKNR/L 2525M12-A4	25	25	150	34	32	SNGN1204	UH1	SHSN4A	BM510	LW4
CSKNR/L 2525M12-A7	25	25	150	34	32	SNGN1207	UH1	SHSN4A	BM510	LW4
CSKNR/L 2525M12-X7	25	25	150	34	32	SNGX1207	UH5	SHSN4A	BM510	LW4
CSKNR/L 2525M15-A7	25	25	150	40	32	SNGN1507	UH1	SHSN5A	FM512	LW4
CSKNR/L 2525M15-X7	25	25	150	40	32	SNGX1507	UH5	SHSN5A	FM512	LW4
CSKNR/L 3225P12-A7	32	25	170	34	32	SNGN1207	UH1	SHSN4A	BM510	LW4
CSKNR/L 3225P12-X7	32	25	170	34	32	SNGX1207	UH5	SHSN4A	BM510	LW4
CSKNR/L 3225P15-A7	32	25	170	40	32	SNGN1507	UH1	SHSN5A	FM512	LW4
CSKNR/L 3225P15-X7	32	25	170	40	32	SNGX1507	UH5	SHSN5A	FM512	LW4

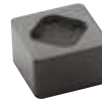
Available Inserts

SNGN



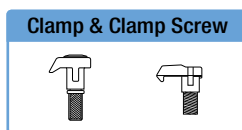
(28p)

SNGX



(29p)

Parts



UH1

UH5

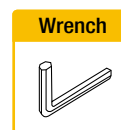


SHSN4A
SHSN5A



BM510

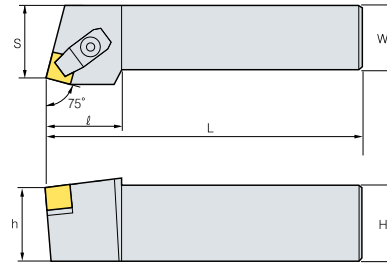
FM512



LW4

External Toolholders

CSRNR



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSRNR/L 2525M12-A4	25	25	150	32	27	SNGN1204	UH1	SHSN4A	BM510	LW4
CSRNR/L 2525M12-A7	25	25	150	32	27	SNGN1207	UH1	SHSN4A	BM510	LW4
CSRNR/L 2525M12-X7	25	25	150	32	27	SNGX1207	UH5	SHSN4A	BM510	LW4
CSRNR/L 2525M15-A7	25	25	150	34	27	SNGN1507	UH1	SHSN5A	FM512	LW4
CSRNR/L 2525M15-X7	25	25	150	34	27	SNGX1507	UH5	SHSN5A	FM512	LW4
CSRNR/L 3225P12-A7	32	25	170	32	27	SNGN1207	UH1	SHSN4A	BM510	LW4
CSRNR/L 3225P12-X7	32	25	170	32	27	SNGX1207	UH5	SHSN4A	BM510	LW4
CSRNR/L 3225P15-A7	32	25	170	34	27	SNGN1507	UH1	SHSN5A	FM512	LW4
CSRNR/L 3225P15-X7	32	25	170	34	27	SNGX1507	UH5	SHSN5A	FM512	LW4
CSRNR/L 4040S19-A7	40	40	250	54	43	SNGN1907	UH4	SHSN6A	FM612	LW6
CSRNR/L 5050T25-A9	50	50	300	70	53	SNGN2509	UH25	SHSN8	FM815	LW6

Available Inserts

SNGN



(28p)

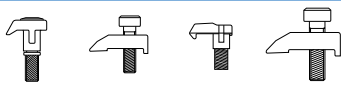
SNGX



(29p)

Parts

Clamp & Clamp Screw



UH1 UH4 UH5 UH25

Shim



SHSN4A SHSN5A SHSN6A SHSN8

Shim Screw



BM510 FM512 FM612 FM815

Wrench



LW4 LW6



Grade Information



Ceramic Inserts



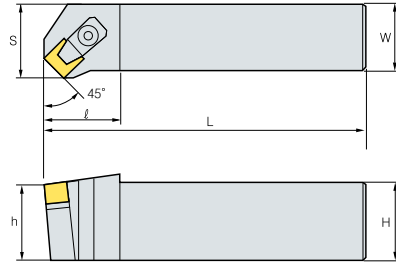
Tool Holders



Technical Information

External Toolholders

CSSN



(mm)

Designation	H(h)	W	L	ℓ	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSSNR/L 2525M12-A4	25	25	150	35	32	SNGN1204	UH1	SHSN4A	BM510	LW4
CSSNR/L 2525M12-A7	25	25	150	35	32	SNGN1207	UH1	SHSN4A	BM510	LW4
CSSNR/L 2525M12-X7	25	25	150	35	32	SNGX1207	UH5	SHSN4A	BM510	LW4
CSSNR/L 2525M15-A7	25	25	150	37	32	SNGN1507	UH1	SHSN5A	FM512	LW4
CSSNR/L 2525M15-X7	25	25	150	37	32	SNGX1507	UH5	SHSN5A	FM512	LW4
CSSNR/L 3225P12-A7	32	25	170	35	32	SNGN1207	UH1	SHSN4A	BM510	LW4
CSSNR/L 3225P12-X7	32	25	170	35	32	SNGX1207	UH5	SHSN4A	BM510	LW4
CSSNR/L 3225P15-A7	32	25	170	37	32	SNGN1507	UH1	SHSN5A	FM512	LW4
CSSNR/L 3225P15-X7	32	25	170	37	32	SNGX1507	UH5	SHSN5A	FM512	LW4

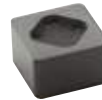
Available Inserts

SNGN



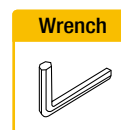
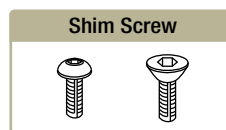
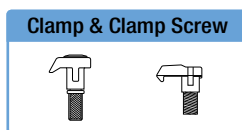
(28p)

SNGX



(29p)

Parts



UH1

UH5

SHSN4A
SHSN5A

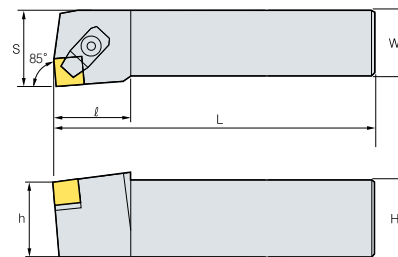
BM510

FM512

LW4

External Toolholders

CSYN



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSYNR/L 2525M12-A4	25	25	150	27	32	SNGN1204	UH1	SHSN4A	BM510	LW4
CSYNR/L 2525M12-A7	25	25	150	27	32	SNGN1207	UH1	SHSN4A	BM510	LW4
CSYNR/L 2525M12-X7	25	25	150	27	32	SNGX1207	UH5	SHSN4A	BM510	LW4
CSYNR/L 2525M15-A7	25	25	150	27	32	SNGN1507	UH1	SHSN5A	FM512	LW4
CSYNR/L 2525M15-X7	25	25	150	27	32	SNGX1507	UH5	SHSN5A	FM512	LW4
CSYNR/L 3225P12-A7	32	25	170	27	32	SNGN1207	UH1	SHSN4A	BM510	LW4
CSYNR/L 3225P12-X7	32	25	170	27	32	SNGX1207	UH5	SHSN4A	BM510	LW4
CSYNR/L 3225P15-A7	32	25	170	27	32	SNGN1507	UH1	SHSN5A	FM512	LW4
CSYNR/L 3225P15-X7	32	25	170	27	32	SNGX1507	UH5	SHSN5A	FM512	LW4

Available Inserts

SNGN



(28p)

SNGX



(29p)

Parts

Clamp & Clamp Screw



UH1

UH5

Shim



SHSN4A
SHSN5A

Shim Screw



BM510

FM512

Wrench



LW4



Grade Information



Ceramic Inserts



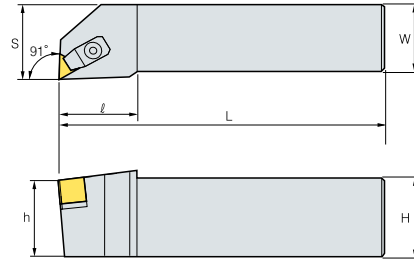
Tool Holders



Technical Information

External Toolholders

CTFN



(mm)

Designation	H(h)	W	L	l	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CTFNR/L 2525M16-A4	25	25	150	29	32	TNGN1604	UH1	SHTN3A	BM408	LW4
CTFNR/L 2525M16-A7	25	25	150	29	32	TNGN1607	UH1	SHTN3A	BM408	LW4
CTFNR/L 2525M22-A4	25	25	150	32	32	TNGN2204	UH1	SHTN4	FM410	LW4
CTFNR/L 2525M22-A7	25	25	150	32	32	TNGN2207	UH1	SHTN4	FM410	LW4
CTFNR/L 3225P16-A4	32	25	170	29	32	TNGN1604	UH1	SHTN3A	BM408	LW4
CTFNR/L 3225P16-A7	32	25	170	29	32	TNGN1607	UH1	SHTN3A	BM408	LW4
CTFNR/L 3225P22-A4	32	25	170	32	32	TNGN2204	UH1	SHTN4	FM410	LW4
CTFNR/L 3225P22-A7	32	25	170	32	32	TNGN2207	UH1	SHTN4	FM410	LW4

Available Inserts

TNGN

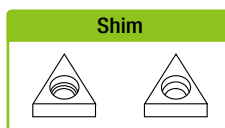


(32p)

Parts



UH1



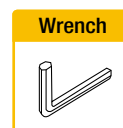
SHTN3A

SHTN4A



BM408

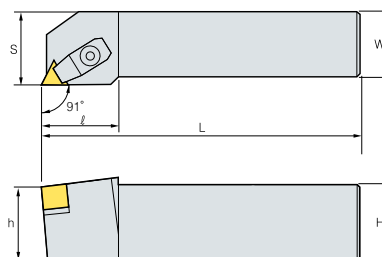
FM410



LW4

External Toolholders

CTGN



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CTGNR/L 2525M16-A4	25	25	150	26	32	TNGN1604	UH1	SHTN3A	BM408	LW4
CTGNR/L 2525M16-A7	25	25	150	26	32	TNGN1607	UH1	SHTN3A	BM408	LW4
CTGNR/L 2525M22-A4	25	25	150	26	32	TNGN2204	UH1	SHTN4	FM410	LW4
CTGNR/L 2525M22-A7	25	25	150	26	32	TNGN2207	UH1	SHTN4	FM410	LW4
CTGNR/L 3225P16-A4	32	25	170	26	32	TNGN1604	UH1	SHTN3A	BM408	LW4
CTGNR/L 3225P16-A7	32	25	170	26	32	TNGN1607	UH1	SHTN3A	BM408	LW4
CTGNR/L 3225P22-A4	32	25	170	26	32	TNGN2204	UH1	SHTN4	FM410	LW4
CTGNR/L 3225P22-A7	32	25	170	26	32	TNGN2207	UH1	SHTN4	FM410	LW4

Available Inserts

TNGN



(32p)

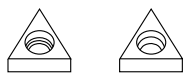
Parts

Clamp & Clamp Screw



UH1

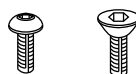
Shim



SHTN3A

SHTN4A

Shim Screw



BM408

FM410

Wrench



LW4



Grade Information



Ceramic Inserts



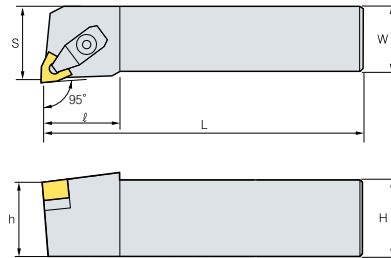
Tool Holders



Technical Information

External Toolholders

CWLN

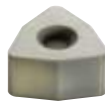


(mm)

Designation	H(h)	W	L	l	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CWLN/L 2525M08-X7	25	25	150	28	32	WNGX0807	UH5	SHWN4A	TM4010	LW4
CWLN/L 3225M08-X7	32	25	150	28	32	WNGX0807	UH5	SHWN4A	TM4010	LW4

Available Inserts

WNGX



(35p)

Parts

Clamp & Clamp Screw



UH5

Shim



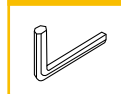
SHWN4A

Shim Screw



TM4010

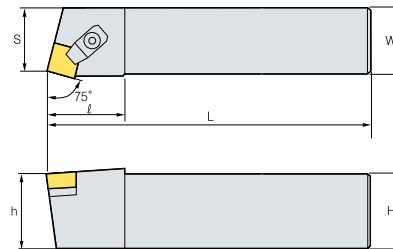
Wrench



LW4

External Toolholders

CSRC



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSRCR/L 2525M12-A4	25	25	150	32	27	SCGN1204	UH1	SHSC4A	SP3	LW4
CSRCR/L 3225P12-A4	32	25	170	32	27	SCGN1204	UH1	SHSC4A	SP3	LW4

Available Inserts

SCGN



(30p)

Parts



UH1

SHSC4A

SP3

LW4



Grade Information



Ceramic Inserts



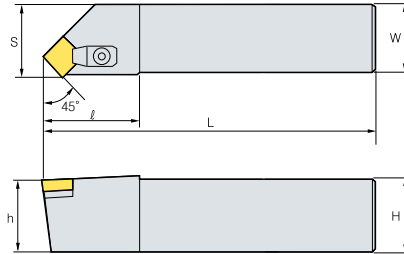
Tool Holders



Technical Information

External Toolholders

CSSC



(mm)

Designation	H(h)	W	L	l	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSSCR/L 2525M12-A4	25	25	150	35	32	SCGN1204	UH1	SHSC4A	SP3	LW4
CSSCR/L 2525M12-A6	25	25	150	35	32	SCGN1206	UH1	SHSC4A	SP3	LW4
CSSCR/L 3225P12-A4	32	25	170	35	32	SCGN1204	UH1	SHSC4A	SP3	LW4
CSSCR/L 3225P12-A6	32	25	170	35	32	SCGN1206	UH1	SHSC4A	SP3	LW4

Available Inserts

SCGN



(30p)

Parts

Clamp & Clamp Screw



UH1

Shim



SHSC4A

Shim Screw



SP3

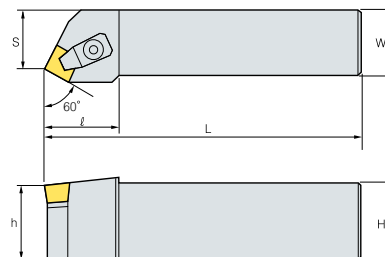
Wrench



LW4

External Toolholders

CSTP



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSTPR/L 2020K09-A3	20	20	125	24	17	SPGN0903	UH1	SHSC3A	SP3	LW4
CSTPR/L 2020K12-A3	20	20	125	30	17	SPGN1203	UH1	SHSC4A	SP3	LW4
CSTPR/L 2020K12-A4	20	20	125	30	17	SPGN1204	UH1	SHSC4A	SP3	LW4
CSTPR/L 2525M12-A3	25	25	150	30	22	SPGN1203	UH1	SHSC4A	SP3	LW4
CSTPR/L 2525M12-A4	25	25	150	30	22	SPGN1204	UH1	SHSC4A	SP3	LW4

Available Inserts

SPGN



(31p)

Parts



UH1

SHSC3A
SHSC4A

SP3

LW4



Grade Information



Ceramic Inserts



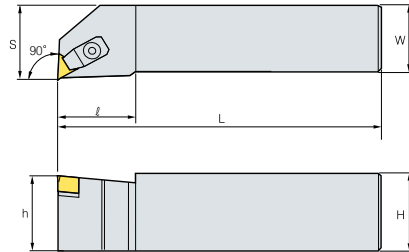
Tool Holders



Technical Information

External Toolholders

CTFP

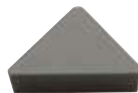


(mm)

Designation	H(h)	W	L	l	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CTFPR/L 2020K16-A3	20	20	125	20	25	TPGN1603	UH1	SHTC3A	SP3	LW4
CTFPR/L 2525M16-A3	25	25	150	20	32	TPGN1603	UH1	SHTC3A	SP3	LW4

Available Inserts

TPGN



(33p)

Parts

Clamp & Clamp Screw



UH1

Shim



SHTC3A

Shim Screw



SP3

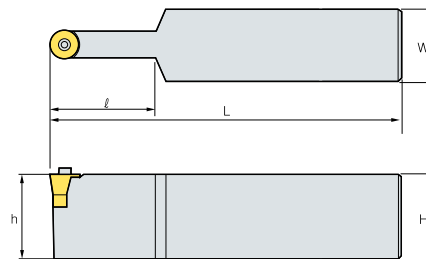
Wrench



LW3
LW4

External Toolholders

HRCD



(mm)

Designation	H(h)	W	L	S	Insert	Parts		
						Clamp & Clamp Screw	Shim	Wrench
HRCD 2525M12-B6	25	25	150	15	CDH1206	HB 2	SHCD22	LW2.5
HRCD 2525M19-B9	25	25	150	15	CDH1909	HB 3	SHCD33	LW5
HRCD 3225R19-B9	32	25	200	38	CDH1909	HB 3	SHCD33	LW5
HRCD 4035S19-B9	40	35	250	45	CDH1909	HB 3	SHCD33	LW5
HRCD 4035S32-B19	40	35	250	45	CDH3219	HB 5	SHCD53	LW6
HRCD 5050T32-B19	50	50	300	50	CDH3219	HB 5	SHCD53	LW6

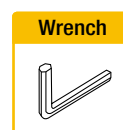
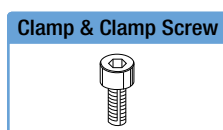
Available Inserts

CDH



(36p)

Parts



HB2
HB3
HB5

SHCD22
SHCD33
SHCD53

LW2.5
LW5
LW6



Grade Information



Ceramic Inserts



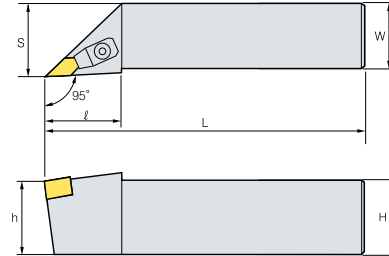
Tool Holders



Technical Information

External Toolholders

CVJN



(mm)

Designation	H(h)	W	L	ϕ	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CVJNR/L 2525M16-A4	25	25	150	41	32	VNGN1604	SM4	SHVN3A	TM412	LW4
CVJNR/L 2525M16-X7	25	25	150	41	32	VNGX1607	SM4	SHVN3A	TM412	LW4
CVJNR/L 3225P16-X7	32	25	170	41	32	VNGX1607	SM4	SHVN3A	TM412	LW4

Available Inserts

VNGN



(34p)

VNGX



(35p)

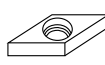
Parts

Clamp & Clamp Screw



SM4

Shim



SHVN3A

Shim Screw



TM412

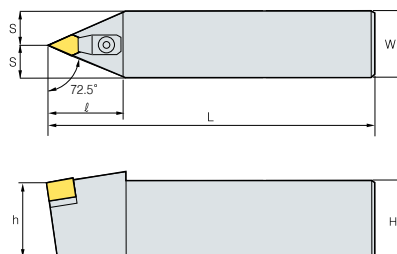
Wrench



LW4

External Toolholders

CVVN



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CVVNN 2525M16-X7	25	25	150	45	12.5	VNGX1607	SM4	SHVN3A	TM412	LW4
CVVNN 3225P16-X7	32	25	170	45	12.5	VNGX1607	SM4	SHVN3A	TM412	LW4

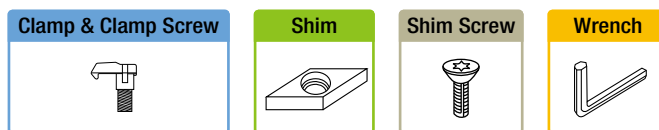
Available Inserts

VNGX



(35p)

Parts



SM4

SHVN3A

TM412

LW4



Grade Information



Ceramic Inserts



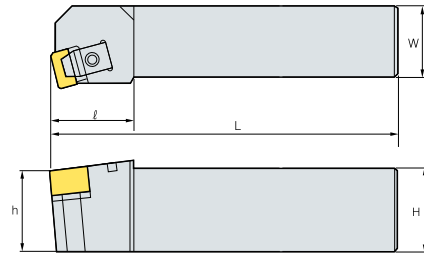
Tool Holders



Technical Information

External Toolholders

CLKN



(mm)

Designation	H(h)	W	L	S	Insert	Parts			
						Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CLKNR/L 6060V65-A	60	60	400	70	LNJ6588	UH25	SHLJ65	BM510	LW6
CLKNR/L 6060V66-A	60	60	400	70	LNJ6688	UH25	SHLJ66	BM510	LW6

Available Inserts

LNJ



(37p)

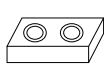
Parts

Clamp & Clamp Screw



UH25

Shim



SHLJ65
SHLJ66

Shim Screw



BM510

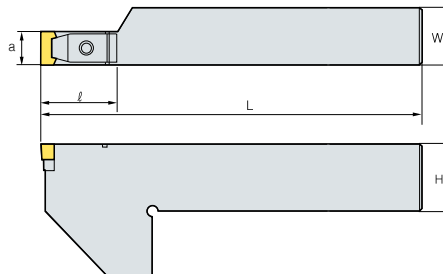
Wrench



LW6

External Toolholders

CFLN



(mm)

Designation	H(h)	W	L	Ø	S	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CFLNN 6060U44-A	14	60	60	350	80	F10537	UH25	SHF10	BM510	LW6
CFLNN 5050T32-A	12	50	50	300	75	F13941	UH25	SHF13	BM510	LW6
CFLNN 4040R25-A	7	40	40	200	40	F250723	UH4	SHF25	BM510	LW4

Available Inserts

F-Series



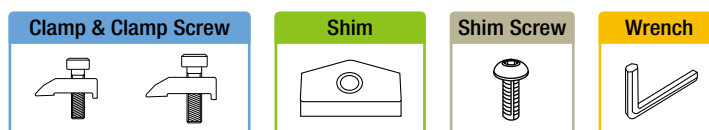
(36p)

F-Series



(37p)

Parts



UH4	UH25	SHF10 SHF13 SHF25	BM510	LW6
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Grade Information



Ceramic Inserts



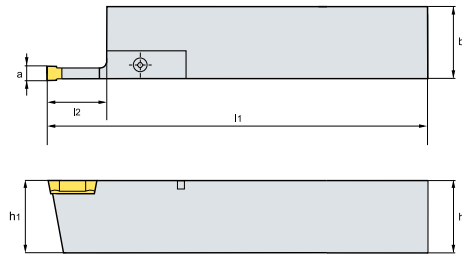
Tool Holders



Technical Information

External Toolholders

CSBF



(mm)

Type	Dimensions (mm)					Insert	Parts	
	a	H(h ₁)	b	l ₁	l ₂		Clamp & Clamp Screw	Wrench
CSBF 5040P3228R/L	3.18	50	40	170	19	SYBF3228	SGD3 / BM518	LW3
CSBF 5040P4828R/L	4.78	50	40	170	19	SYBF4828	SGD4 / BM518	LW4
CSBF 5040P5528R/L	5.54	50	40	170	19	SYBF5528	SGD4 / BM518	LW4
CSBF 5040P6428R/L	6.35	50	40	170	19	SYBF6428	SGD6 / BM618	LW4
CSBF 5040P7928R/L	7.93	50	40	170	19	SYBF7928	SGD6 / BM618	LW4
CSBF 5040P9528R/L	9.52	50	40	170	19	SYBF9528	SGD9 / BM1018	LW5

Available Inserts

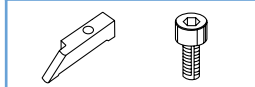
SYBF



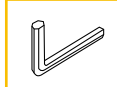
(40p)

Parts

Clamp & Clamp Screw



Wrench

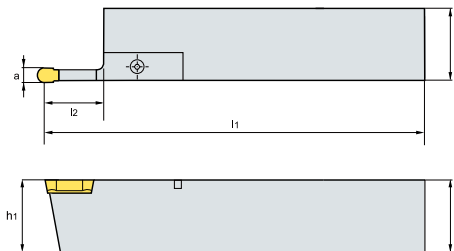


SGD3	BM518
SGD4	BM618
SGD6	BM1018
SGD9	

LW3
LW4
LW5

External Toolholders

CSBR



(mm)

Type	Dimensions (mm)					Insert	Parts	
	a	H(h ₁)	b	l ₁	l ₂		Clamp & Clamp Screw	Wrench
CSBF 5040P3228R/L	3.18	50	40	170	19	SYBR3228	SGD3 / BM518	LW3
CSBF 5040P4828R/L	4.78	50	40	170	19	SYBR4828	SGD4 / BM518	LW4
CSBF 5040P5528R/L	5.54	50	40	170	19	SYBR5528	SGD4 / BM518	LW4
CSBF 5040P6428R/L	6.35	50	40	170	19	SYBR6428	SGD6 / BM618	LW4
CSBF 5040P7928R/L	7.93	50	40	170	19	SYBR7928	SGD6 / BM618	LW4
CSBF 5040P9528R/L	9.52	50	40	170	19	SYBR9528	SGD9 / BM1018	LW5

Available Inserts

SYBR



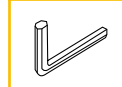
(40p)

Parts

Clamp & Clamp Screw



Wrench



SGD3 BM518
 SGD4 BM618
 SGD6 BM1018
 SGD9

LW3
 LW4
 LW5



Grade Information



Ceramic Inserts



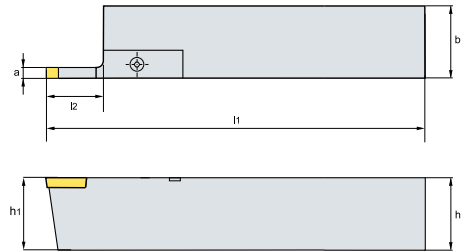
Tool Holders



Technical Information

External Toolholders

CSGF



(mm)

Type	Dimensions (mm)					Insert	Parts	
	a	H(h ₁)	b	l ₁	l ₂		Clamp & Clamp Screw	Wrench
CSGF 3225P4012R/L	4.0	32	25	170	19	SGF4012	SGL4 / BM518	LW3
CSGF 3225P5012R/L	5.0	32	25	170	19	SGF5012	SGL5 / BM518	LW4
CSGF 3225P6015R/L	6.0	32	25	170	19	SGF6015	SGL5 / BM518	LW4
CSGF 3225P7015R/L	7.0	32	25	170	19	SGF7015	SGL7 / BM618	LW5
CSGF 3225P8015R/L	8.0	32	25	170	19	SGF8015	SGL8 / BM618	LW5
CSGF 3225P1015R/L	10.0	32	25	170	19	SGF1015	SGL8 / BM618	LW5

Available Inserts

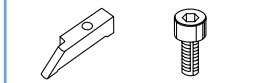
SGF



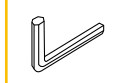
(41p)

Parts

Clamp & Clamp Screw



Wrench



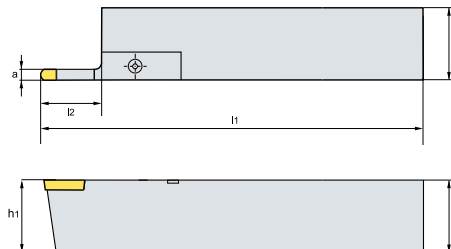
SGL4
SGL5
SGL7
SGL8

BM518
BM618

LW3
LW4
LW5

External Toolholders

CSGR



(mm)

Type	Dimensions (mm)					Insert	Parts	
	a	H(h ₁)	b	l ₁	l ₂		Clamp & Clamp Screw	Wrench
CSGR 3225P4012R/L	4.0	32	25	170	19	SGR4012	SGL4 / BM518	LW3
CSGR 3225P5012R/L	5.0	32	25	170	19	SGR5012	SGL5 / BM518	LW4
CSGR 3225P6015R/L	6.0	32	25	170	19	SGR6015	SGL5 / BM518	LW4
CSGR 3225P7015R/L	7.0	32	25	170	19	SGR7015	SGL7 / BM618	LW5
CSGR 3225P8015R/L	8.0	32	25	170	19	SGR8015	SGL8 / BM618	LW5
CSGR 3225P1015R/L	10.0	32	25	170	19	SGR1015	SGL8 / BM618	LW5

Available Inserts

SGR



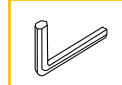
(41p)

Parts

Clamp & Clamp Screw



Wrench



SGL4 BM518
 SGL5 BM618
 SGL7
 SGL8

LW3
 LW4
 LW5



Grade Information



Ceramic Inserts



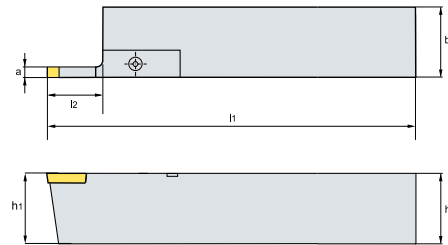
Tool Holders



Technical Information

External Toolholders

CSSF



(mm)

Type	Dimensions (mm)					Insert	Parts	
	a	H(h ₁)	b	l ₁	l ₂		Clamp & Clamp Screw	Wrench
CSSF 3225P4012R/L	4.0	32	25	170	19	SSF4012	SGL4 / BM518	LW3
CSSF 3225P5012R/L	5.0	32	25	170	19	SSF5012	SGL5 / BM518	LW4
CSSF 3225P6015R/L	6.0	32	25	170	19	SSF6015	SGL5 / BM518	LW4
CSSF 3225P7015R/L	7.0	32	25	170	19	SSF7015	SGL7 / BM618	LW5
CSSF 3225P8015R/L	8.0	32	25	170	19	SSF8015	SGL8 / BM618	LW5
CSSF 3225P1015R/L	10.0	32	25	170	19	SSF1015	SGL8 / BM618	LW5

Available Inserts

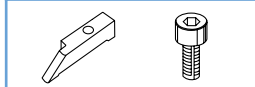
SSF



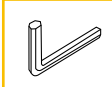
(42p)

Parts

Clamp & Clamp Screw



Wrench

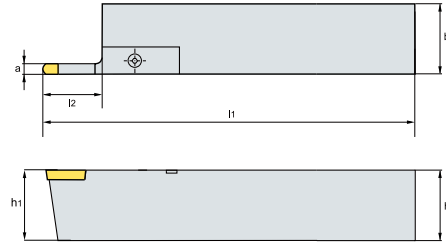


SGL4	BM518
SGL5	BM618
SGL7	
SGL8	

LW3
LW4
LW5

External Toolholders

CSSR



(mm)

Type	Dimensions (mm)					Insert	Parts	
	a	H(h ₁)	b	l ₁	l ₂		Clamp & Clamp Screw	Wrench
CSSR 3225P4012R/L	4.0	32	25	170	19	SSR4012	SGL4 / BM518	LW3
CSSR 3225P5012R/L	5.0	32	25	170	19	SSR5012	SGL5 / BM518	LW4
CSSR 3225P6015R/L	6.0	32	25	170	19	SSR6015	SGL5 / BM518	LW4
CSSR 3225P7015R/L	7.0	32	25	170	19	SSR7015	SGL7 / BM618	LW5
CSSR 3225P8015R/L	8.0	32	25	170	19	SSR8015	SGL8 / BM618	LW5
CSSR 3225P1015R/L	10.0	32	25	170	19	SSR1015	SGL8 / BM618	LW5

Available Inserts

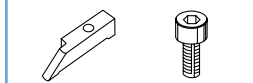
SSR



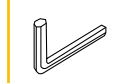
(42p)

Parts

Clamp & Clamp Screw



Wrench



SGL4 BM518
 SGL5 BM618
 SGL7
 SGL8

LW3
 LW4
 LW5



Grade Information



Ceramic Inserts



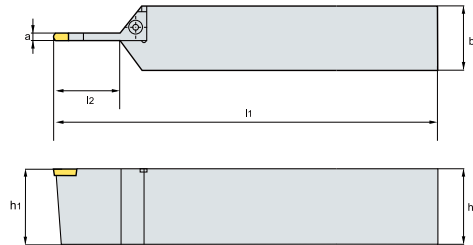
Tool Holders



Technical Information

External Toolholders

CSSR .. N



(mm)

Type	Dimensions (mm)					Insert	Parts	
	a	H(h ₁)	b	l ₁	l ₂		Clamp & Clamp Screw	Wrench
CSSR 4040R4012.N5	4.0	40	40	200	5	SSR4012	GRW4012 / BM518	LW3
CSSR 5040P4012.N19	4.0	50	40	170	19	SSR4012	GRW4012 / BM518	LW3

Available Inserts

SSR



(42p)

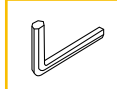
Parts

Clamp & Clamp Screw



GRW4012 BM518

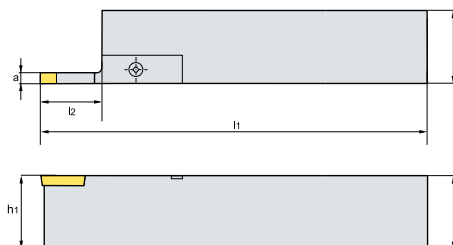
Wrench



LW4

External Toolholders

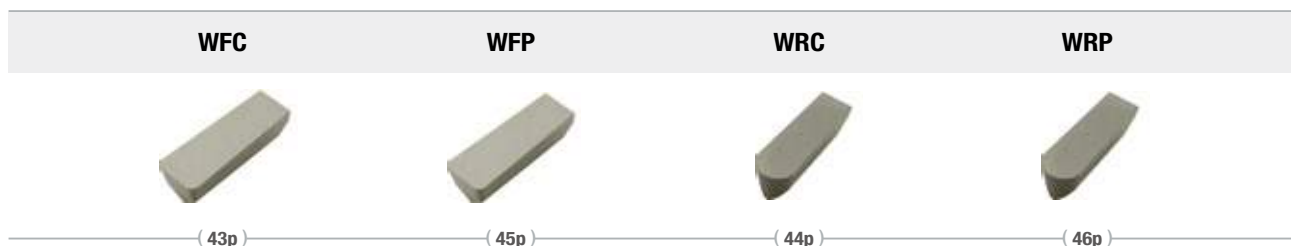
CWF/R



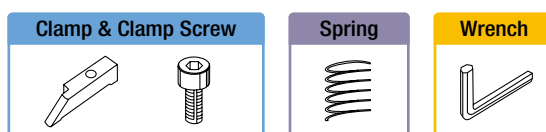
(mm)

Type	Dimensions (mm)					Insert		Parts		
	a	H(h _i)	b	l ₁	l ₂			Clamp & Clamp Screw	Spring	Wrench
CWF/R 2525M094050R/L	2.3	25	25	150	19	WFP094050 WFC094050	WRP094050 WRC094050	WGL2.3 R/L & WCB6	WCS6	LW5
CWF/R 2525M125050R/L	3.1	25	25	150	19	WFP125050 WFC125050	WRP125050 WRC125050	WGL3.1 R/L & WCB6	WCS6	LW5
CWF/R 2525M156050R/L	3.9	25	25	150	19	WFP156050 WFC156050	WRP156050 WRC156050	WGL3.9 R/L & WCB6	WCS6	LW5
CWF/R 2525M187050R/L	4.7	25	25	150	19	WFP187050 WFC187050	WRP187050 WRC187050	WGL4.7 R/L & WCB6	WCS6	LW5
CWF/R 2525M218075R/L	5.5	25	25	150	29	WFP218075 WFC218075	WRP218075 WRC218075	WGL5.5 R/L & WCB6	WCS6	LW5
CWF/R 2525M250075R/L	6.3	25	25	150	29	WFP250075 WFC250075	WRP250075 WRC250075	WGL6.3 R/L & WCB6	WCS6	LW5
CWF/R 2525M281075R/L	7.1	25	25	150	29	WFP281075 WFC281075	WRP281075 WRC281075	WGL7.1 R/L & WCB6	WCS6	LW5
CWF/R 2525M312100R/L	7.9	25	25	150	38	WFP312100 WFC312100	WRP312100 WRC312100	WGL7.9 R/L & WCB6	WCS6	LW5
CWF/R 2525M344100R/L	8.7	25	25	150	38	WFP344100 WFC344100	WRP344100 WRC344100	WGL8.7 R/L & WCB6	WCS6	LW5
CWF/R 2525M375100R/L	9.5	25	25	150	38	WFP375100 WFC375100	WRP375100 WRC375100	WGL9.5 R/L & WCB6	WCS6	LW5

Available Inserts



Parts



WGL2.3 R/L ~WGL9.5 R/L	WCB6	WCS6	LW5
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Grade Information



Ceramic Inserts



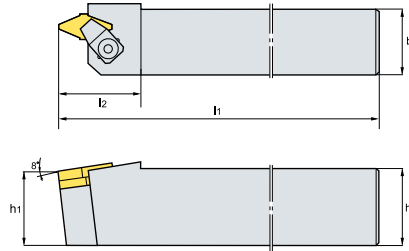
Tool Holders



Technical Information

External Toolholders

CSVN



(mm)

Designation	H(h ₁)	b	l ₁	l ₂	Insert	Parts			
						Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CSVNN 3232P38-A7-26	32	32	170	38	SVW38260	UH1	SHSV3826	FM510	LW4
CSVNN 3232P38-A7-32	32	32	170	40	SVW38320	UH1	SHSV3832	FM510	LW4
CSVNN 3232P34-A7-40	32	32	170	50	SVW34400	UH1	SHSV3440	FM510	LW4

Available Inserts

SVW



(47p)

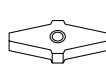
Parts

Clamp & Clamp Screw



UH1

Shim



SHSV3826
SHSV3832
SHSV3440

Shim Screw



FM510

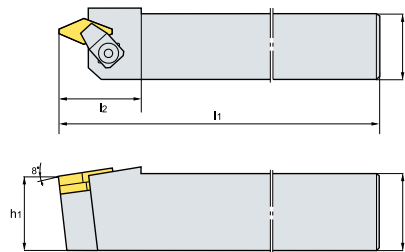
Wrench



LW4

External Toolholders

CGVN



(mm)

Designation	H(h ₁)	b	l ₁	l ₂	Insert	Parts			
						Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CGVNN 3232P38-A7-32	32	32	170	48	GVGN38320	UH1	SHGV3832	FM510	LW4
CGVNN 3232P38-A7-33	32	32	170	46	GVGN38335	UH1	SHGV3833	FM510	LW4
CGVNN 3232P36-A7-34	32	32	170	49	GVGN36340	UH1	SHGV3634	FM510	LW4
CGVNN 3232P38-A7-36	32	32	170	44	GVGN38360	UH1	SHGV3836	FM510	LW4
CGVNN 3232P34-A7-36	32	32	170	44	GVGN34360	UH1	SHGV3436	FM510	LW4

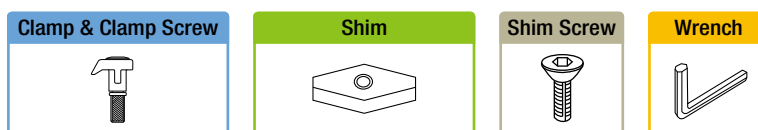
Available Inserts

GVGN



(47p)

Parts



UH1

SHGV3832 SHGV3836
SHGV3833 SHGV3436
SHGV3634

FM510

LW4



Grade Information



Ceramic Inserts



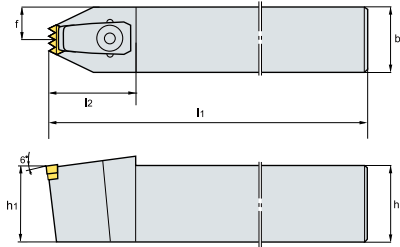
Tool Holders



Technical Information

External Toolholders

CINN



(mm)

Designation	H(h ₁)	b	l ₁	l ₂	f	Insert	Parts			
							Clamp & Clamp Screw	Shim	Shim Screw	Wrench
CINNN 2525M09-A4-F3	25	25	150	30	12.5	INGN160435F3	UH1	SHIN33F3	TM3008	LW4
CINNN 2525M12-A4-F4	25	25	150	34	12.5	INGN220435F4	UH1	SHIN43F4	TM4010	LW4
CINNN 3225P09-A4-F3	32	25	170	30	12.5	INGN160435F3	UH1	SHIN33F3	TM3008	LW4
CINNN 3225P12-A4-F4	32	25	170	34	12.5	INGN220435F4	UH1	SHIN43F4	TM4010	LW4

Available Inserts

INGN



(47p)

Parts

Clamp & Clamp Screw



UH1

Shim



SHIN33F3

Shim Screw



TM3008
TM4010

Wrench



LW4