

*Aydosa*<sup>®</sup>  
since 1968



## Turning Tools

2013 - 2014



Aydosa is known as the manufacturer of high quality turning, threading, cutting, ceramic, grooving and parting toolholders. We have been manufacturing Universal and CNC Machine toolholders for over 45 years. Our aim was and is always not to produce everything but produce the best that can be done. We manufacture our toolholders to precision tolerances, maximizing repeatability, accuracy and durability.

Besides the manufacturing of our product range, we also provide CONTRACT MANUFACTURING services. Aydosa provides the specialized knowledge to get the results you want, delivered on time and to your specifications and quality requirements.

To do our job BETTER THAN THE BEST made us partner of hundreds of companies in 30 different countries.



## Selecting the clamping system

1 Top clamping

C

Repeatability	_____	5
Reliable clamp	_____	5
Internal roughing	_____	4
External roughing	_____	4
Pulsed operations	_____	5

5 = Best choice

2 Top and hole clamping

D

Repeatability	_____	5
Reliable clamp	_____	5
Internal roughing	_____	5
External roughing	_____	5
Pulsed operations	_____	5

5 = Best choice

3 Lever clamping

P

Repeatability	_____	5
Reliable clamp	_____	4
Internal roughing	_____	4
External roughing	_____	4
Pulsed operations	_____	3

5 = Best choice

4 Screw and top clamping

M

Repeatability	_____	4
Reliable clamp	_____	5
Internal roughing	_____	4
External roughing	_____	5
Pulsed operations	_____	5

5 = Best choice

5 Wedge clamping

M

Repeatability	_____	3
Reliable clamp	_____	5
Internal roughing	_____	5
External roughing	_____	5
Pulsed operations	_____	5

5 = Best choice

6 Screw clamping

S






Repeatability	_____	5
Reliable clamp	_____	5
Internal roughing	_____	3
External roughing	_____	3
Pulsed operations	_____	3










5 = Best choice



















## External Turning Code Key










Extract from ISO

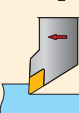
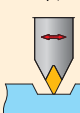
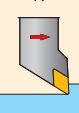
<b>D</b>	<b>W</b>	<b>L</b>	<b>N</b>	<b>R</b>	<b>25</b>	<b>25</b>	<b>M</b>	<b>08</b>
1	2	3	4	5	6	7	8	9


1 Clamping System				
Top Clamping 	Top and hole clamping 	Wedge clamping 	Lever Clamping 	Screw Clamping 
<b>C</b>	<b>D</b>	<b>M</b>	<b>P</b>	<b>S</b>


2 Insert Shape		
<b>C</b> 	<b>E</b> 	<b>D</b> 
<b>K</b> 	<b>R</b> 	<b>S</b> 
<b>T</b> 	<b>V</b> 	<b>W</b> 


3 Approach Angle					
90° 	75° 	45° 	60° 	90° 	90° 
<b>A</b>	<b>B</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
107.5° 	93° 	75° 	95° 	63° 	117.5° 
<b>H</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>N</b>	<b>P</b>
107.5° 	75° 	45° 	60° 	93° 	72.5° 
<b>Q</b>	<b>R</b>	<b>S</b>	<b>T</b>	<b>U</b>	<b>V</b>










4 Insert Clearance Angle		
<b>A</b> 	<b>B</b> 	<b>C</b> 
<b>D</b> 	<b>E</b> 	<b>F</b> 
<b>G</b> 	<b>N</b> 	<b>P</b> 

5 Hand of Tool		
<b>L</b> 	<b>N</b> 	<b>R</b> 

6 Shank Height h mm

8 = 08 mm 16 = 16 mm 25 = 25 mm

7 Shank Width b mm

8 = 08 mm 16 = 16 mm 25 = 25 mm

8 Tool Length L mm				
				
A = 32	F = 80	M = 150	R = 200	V = 400
B = 40	H = 100	N = 160	S = 250	W = 450
C = 50	K = 125	P = 170	T = 300	Y = 500
D = 60	L = 140	Q = 180	U = 350	X = Special

9 Cutting edge length mm		
<b>C</b> 	<b>E</b> 	<b>D</b> 
<b>K</b> 	<b>R</b> 	<b>S</b> 
<b>T</b> 	<b>V</b> 	<b>W</b> 

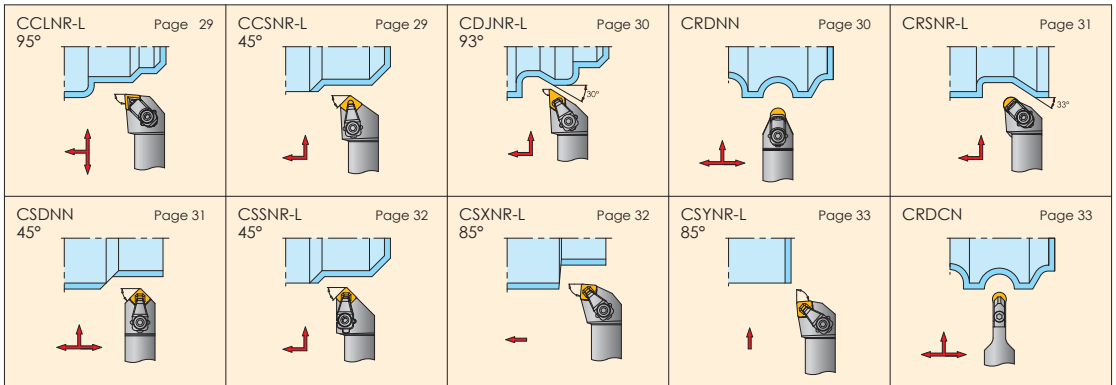
## External Turning

<p>CKJNR-L Page 7 93°</p> 	<p>PCLNR-L Page 7 95°</p> 	<p>PDJNR-L Page 8 93°</p> 	<p>PDNNN Page 8 63°</p> 	<p>PSBNR-L Page 9 75°</p> 
<p>PSDNN Page 9 45°</p> 	<p>PSSNR-L Page 10 45°</p> 	<p>PTGNR-L Page 10 91°</p> 	<p>PWLNLR-L Page 11 95°</p> 	<p>MTJNR-L Page 11 93°</p> 
<p>MTENN Page 12 60°</p> 	<p>MWLNLR-L Page 12 95°</p> 	<p>MVJNR-L Page 13 93°</p> 	<p>MVVNN Page 13 72.5°</p> 	<p>MVVNR Page 14 72.5°</p> 
<p>DCLNR-L Page 14 95°</p> 	<p>DCBNR Page 15 75°</p> 	<p>DDJNR-L Page 15 93°</p> 	<p>DDNNN Page 16 63°</p> 	<p>DSBNR-L Page 16 75°</p> 
<p>DSDNN Page 17 45°</p> 	<p>DSSNR-L Page 17 45°</p> 	<p>DTFNR-L Page 18 91°</p> 	<p>DTGNR-L Page 18 91°</p> 	<p>DWLNR-L Page 19 95°</p> 
<p>SCLCR-L Page 19 95°</p> 	<p>SDJCR-L Page 20 93°</p> 	<p>SDNCN Page 20 63°</p> 	<p>SRDCN Page 21</p> 	<p>SRGCR-L Page 21</p> 
<p>SSDCN Page 22 45°</p> 	<p>SSSCR-L Page 22 45°</p> 	<p>STGCR-L Page 23 90°</p> 	<p>SVHCR-L Page 23 107.5°</p> 	<p>SVJCR-L Page 24 93°</p> 
<p>SVVCN Page 24 72.5°</p> 	<p>SVVCR Page 25 72.5°</p> 	<p>SVHBR-L Page 25 107.5°</p> 	<p>SVJBR-L Page 26 93°</p> 	<p>SVVBN Page 26 72.5°</p> 

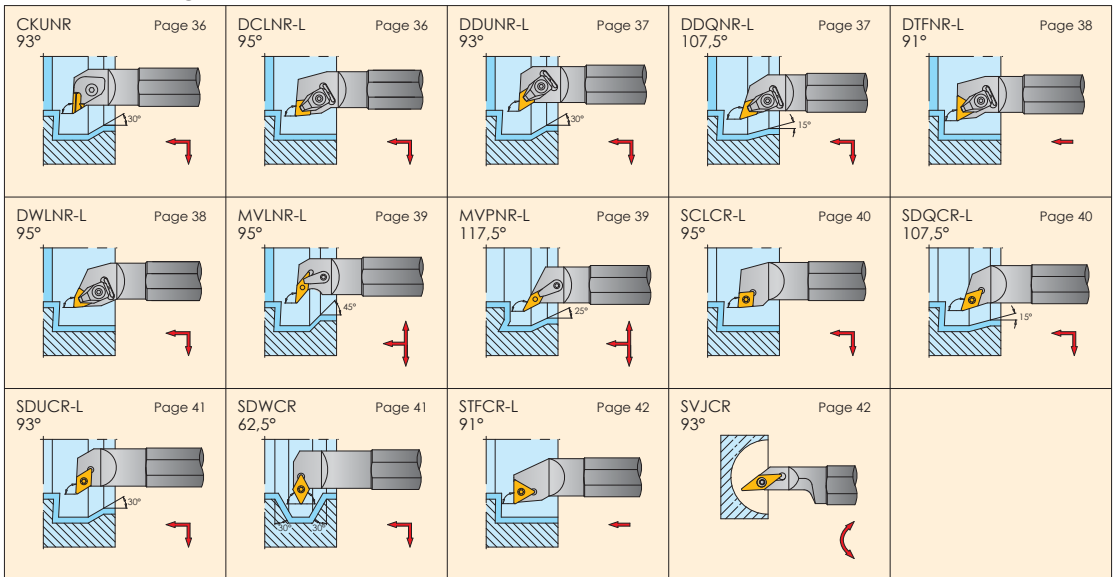
## External Turning



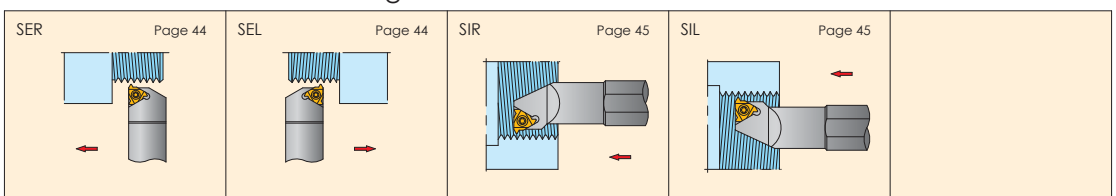
## External Ceramic



## Internal Turning



## External and Internal Threading



## External Grooving and Parting

<p>AGHGR Page 47</p>	<p>ADGR Page 47</p>	<p>EGPR-S123 Page 48</p>	<p>EGPR-S151 Page 48</p>	<p>EGPR-M Page 49</p>
<p>EGPR-HS Page 49</p>	<p>EGPR-WT Page 50</p>	<p>EGPR-LM Page 50</p>	<p>EGPR-T3 Page 51</p>	<p>AKGMR Page 51</p>
<p>EGPR-X3 Page 52</p>	<p>EGPR-KN2 Page 52</p>	<p>EGPR-KR Page 53</p>	<p>PKLG Page 53</p>	

## External Parting

<p>KL-S151 Page 55</p>	<p>KL-LFMX Page 55</p>	<p>KL-GTN Page 56</p>	<p>KL-KGT Page 56</p>	<p>KL-LM Page 57</p>
<p>KL-DG Page 57</p>	<p>KL-T3 Page 58</p>	<p>KL-M Page 58</p>		

## External Face Grooving

<p>EFGR-S123 Page 60</p>	<p>EFGR-WT Page 60</p>			
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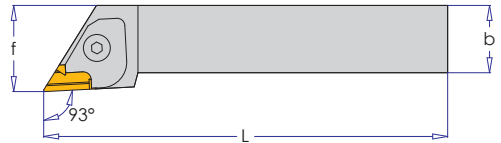
# External Turning Tools



*Aydosa*



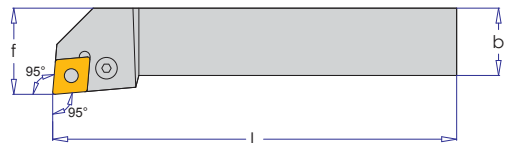
## CKJNR



Code No	h	b	L	h1	f	Inserts
CKJNR-L 2025M 16	20	25	150	20	32	KNUX 1604..
CKJNR-L 2525M 16	25	25	150	25	32	KNUX 1604..
CKJNR-L 3225P 16	32	25	170	32	32	KNUX 1604..

Shim	Clamp	Screw	Spring	Shim Pin	Spring and Pin
AL.10R-L	PB.10R-L	CV.10	YY.10	AP.10	YP.10
AL.10R-L	PB.10R-L	CV.10	YY.10	AP.10	YP.10
AL.10R-L	PB.10R-L	CV.10	YY.10	AP.10	YP.10

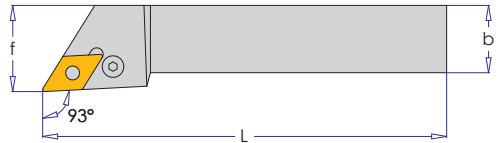
## PCLNR



Code No	h	b	L	h1	f	Inserts
PCLNR-L 1616H 12	16	16	100	16	20	CNMG 1204..
PCLNR-L 2020K 12	20	20	125	20	25	CNMG 1204..
PCLNR-L 2525M 12	25	25	150	25	32	CNMG 1204..
PCLNR-L 3232P 12	32	32	170	32	40	CNMG 1204..

Shim	Lever	Screw	Shim pin
AL.20	LV.18	CV.16A-1	AP.13
AL.20	LV.18	CV.16A	AP.13
AL.20	LV.18	CV.16A	AP.13
AL.20	LV.18	CV.16A	AP.13

## PDJNR

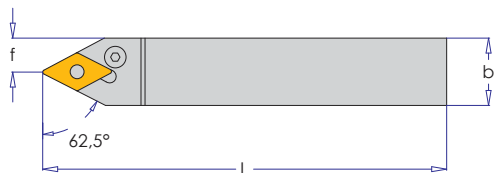


Code No	h	b	L	h1	f	Inserts
PDJNR-L 1616H 11	16	16	100	16	20	DNMG 1104..
PDJNR-L 2020K 11	20	20	125	20	25	DNMG 1104..
PDJNR-L 2525M 11	25	25	150	25	32	DNMG 1104..
* PDJNR-L 2020K 15	20	20	125	20	25	DNMG 1506..
* PDJNR-L 2525M 15	25	25	150	25	32	DNMG 1506..
* PDJNR-L 3232P 15	32	32	170	32	40	DNMG 1506..

Shim	Lever	Screw	Shim pin
AL.60	LV.16	CV.39	AP.24
AL.60	LV.16	CV.39	AP.24
AL.60	LV.16	CV.39	AP.24
AL.21	LV.17	CV.16	AP.13
AL.21	LV.17	CV.16	AP.13
AL.21	LV.17	CV.16	AP.13

\* You can change the marked toolholder shim with no. AL.67 shim and connect the insert coded DNMG 1504..

## PDNNN

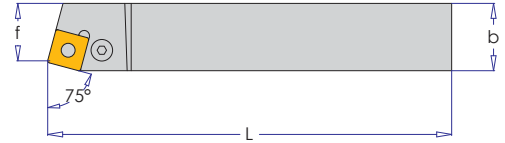


Code No	h	b	L	h1	f	Inserts
PDNNN 2020K 11	20	20	125	20	10	DNMG 1104..
PDNNN 2525M 11	25	25	150	25	12,5	DNMG 1104..
* PDNNN 2020K 15	20	20	125	20	10	DNMG 1506..
* PDNNN 2525M 15	25	25	150	25	12,5	DNMG 1506..





Shim	Lever	Screw	Shim pin
AL.60	LV.16	CV.39	AP.24
AL.60	LV.16	CV.39	AP.24
AL.21	LV.17	CV.16	AP.13
AL.21	LV.17	CV.16	AP.13

\* You can change the marked toolholder shim with no. AL.67 shim and connect the insert coded DNMG 1504..

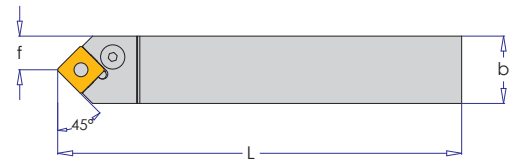
## PSBNR







Code No	h	b	L	h1	f	Inserts
PSBNR-L 2020K 12	20	20	125	20	17	SNMG 1204..
PSBNR-L 2525M 12	25	25	150	25	22	SNMG 1204..

Shim	Lever	Screw	Shim pin
			
AL.19A	LV.18	CV.16A	AP.13
AL.19A	LV.18	CV.16A	AP.13

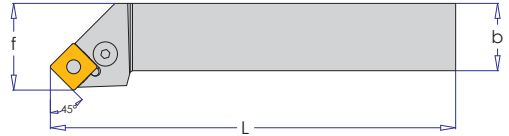
## PSDNN







Code No	h	b	L	h1	f	Inserts
PSDNN 2020K 12	20	20	125	20	10	SNMG 1204..
PSDNN 2525M 12	25	25	150	25	12,5	SNMG 1204..

Shim	Lever	Screw	Shim pin
			
AL.19A	LV.18	CV.16A	AP.13
AL.19A	LV.18	CV.16A	AP.13

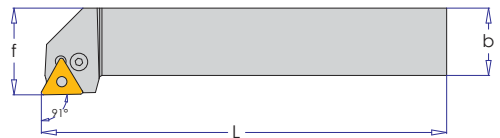
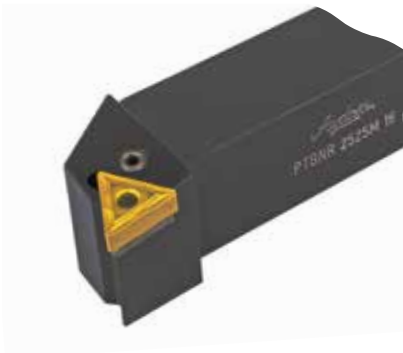
## PSSNR







Code No	h	b	L	h1	f	Inserts
PSSNR-L 2020K 12	20	20	125	20	25	SNMG 1204..
PSSNR-L 2525M 12	25	25	150	25	32	SNMG 1204..

Shim	Lever	Screw	Shim pin
			
AL.19A	LV.18	CV.16A	AP.13
AL.19A	LV.18	CV.16A	AP.13

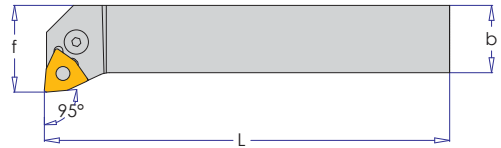
## PTGNR







Code No	h	b	L	h1	f	Inserts
PTGNR-L 2020K 16	20	20	125	20	25	TNMG 1604..
PTGNR-L 2525M 16	25	25	150	25	32	TNMG 1604..
PTGNR-L 2525M 22	25	25	150	25	32	TNMG 2204..

Shim	Lever	Screw	Shim pin
			
AL.61	LV.15	CV.39	AP.24
AL.61	LV.15	CV.39	AP.24
AL.62	LV.18	CV.16A	AP.13

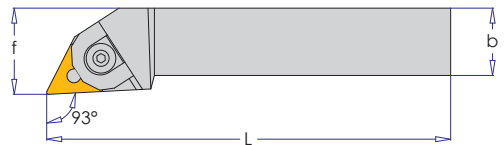
## PWLNR







Code No	h	b	L	h1	f	Inserts
PWLNR-L 2020K 08	20	20	125	20	25	WNMG 0804..
PWLNR-L 2525M 08	25	25	150	25	32	WNMG 0804..

Shim	Lever	Screw	Shim pin
			
AL.66	LV.18	CV.16A	AP.13
AL.66	LV.18	CV.16A	AP.13

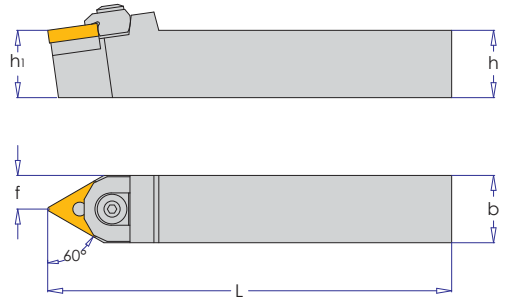
## MTJNR



Code No	h	b	L	h1	f	Inserts
MTJNR-L 2020K 16	20	20	125	20	25	TNMG 1604..
MTJNR-L 2525M 16	25	25	150	25	32	TNMG 1604..
MTJNR-L 3232P 16	32	32	170	32	40	TNMG 1604..
MTJNR-L 2525M 22	25	25	150	25	32	TNMG 2204..
MTJNR-L 3232P 22	32	32	170	32	40	TNMG 2204..

Shim	Wedge clamp	Screw	Shim Pin
			
AL.22	PB.16A	CV.15	AP.14
AL.22	PB.16A	CV.15	AP.14
AL.22	PB.16A	CV.15	AP.14
AL.19	PB.16	CV.15	AP.12
AL.19	PB.16	CV.15	AP.12

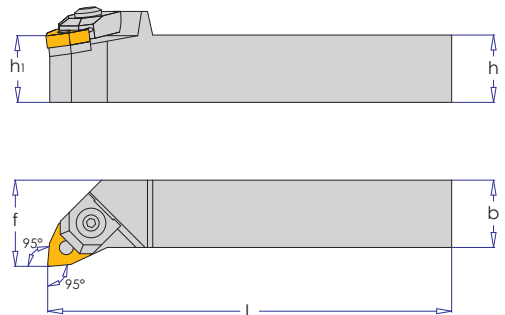
## MTENN



Code No	h	b	L	h1	f	Inserts
MTENN 2020K 16	20	20	125	20	10	TNMG 1604..
MTENN 2525M 16	25	25	150	25	12,5	TNMG 1604..
MTENN 3232P 16	32	32	170	32	16	TNMG 1604..
MTENN 2525M 22	25	25	150	25	12,5	TNMG 2204..
MTENN 3232P 22	32	32	170	32	16	TNMG 2204..

Shim	Wedge clamp	Screw	Shim Pin
AL.22	PB.16A	CV.15	AP.14
AL.22	PB.16A	CV.15	AP.14
AL.22	PB.16A	CV.15	AP.14
AL.19	PB.16	CV.15	AP.12
AL.19	PB.16	CV.15	AP.12

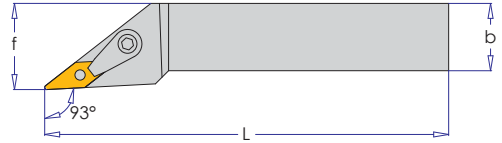
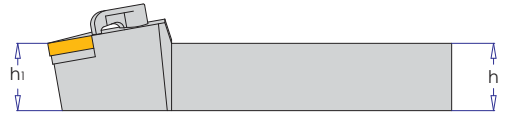
## MWLNR



Code No	h	b	L	h1	f	Inserts
MWLNR-L 2020K 08	20	20	125	20	27	WNMG 0804..
MWLNR-L 2525M 08	25	25	150	25	32	WNMG 0804..
MWLNR-L 3232P 08	32	32	170	32	40	WNMG 0804..

Shim	Wedge clamp	Screw	Spring	Shim Pin
AL.33	PB.25	CV.15	YY.13	AP.16
AL.33	PB.25	CV.15	YY.13	AP.16
AL.33	PB.25	CV.15	YY.13	AP.16

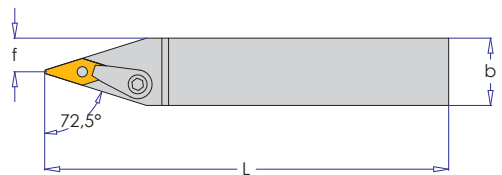
## MVJNR



Code No	h	b	L	h1	f	Inserts
MVJNR-L 2020K 16	20	20	125	20	25	VNMG 1604..
MVJNR-L 2525M 16	25	25	150	25	32	VNMG 1604..
MVJNR-L 3225P 16	32	25	170	32	32	VNMG 1604..

Shim	Clamp	Clamp screw	Shim Screw
AL.41	PB.24	CV.26	AP.15
AL.41	PB.24	CV.26	AP.15
AL.41	PB.24	CV.26	AP.15

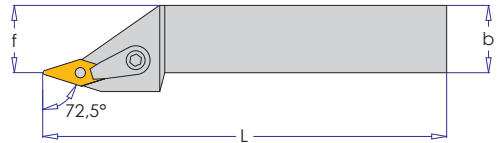
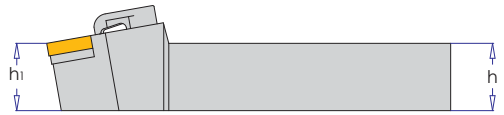
## MVVNN



Code No	h	b	L	h1	f	Inserts
MVVNN 2020K 16	20	20	125	20	10	VNMG 1604..
MVVNN 2525M 16	25	25	150	25	12,5	VNMG 1604..
MVVNN 3225P 16	32	25	170	32	12,5	VNMG 1604..

Shim	Clamp	Clamp screw	Shim Screw
AL.41	PB.24	CV.26	AP.15
AL.41	PB.24	CV.26	AP.15
AL.41	PB.24	CV.26	AP.15

## MVVNR



Code No	h	b	L	h1	f	Inserts
MVVNR 2020K 16	20	20	125	20	20	VNMG 1604..
MVVNR 2525M 16	25	25	150	25	25	VNMG 1604..
MVVNR 3225P 16	32	25	170	32	25	VNMG 1604..

Shim	Clamp	Clamp screw	Shim Screw
AL.41	PB.24	CV.26	AP.15
AL.41	PB.24	CV.26	AP.15
AL.41	PB.24	CV.26	AP.15

## DCLNR

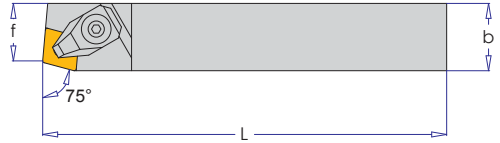
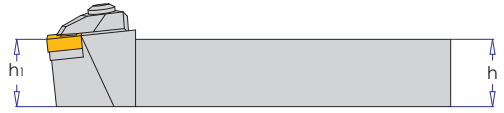


Code No	h	b	L	h1	f	Inserts
DCLNR-L 2020K 12	20	20	125	20	25	CNMG 1204..
DCLNR-L 2525M 12	25	25	150	25	32	CNMG 1204..
DCLNR-L 3232P 12	32	32	170	32	40	CNMG 1204..
DCLNR-L 2525M 16	25	25	150	25	32	CNMG 1606..
DCLNR-L 3232P 16	32	32	170	32	40	CNMG 1606..
DCLNR-L 3232P 19	32	32	170	32	40	CNMG 1906..

Shim	Clamp	Screw	Spring	Shim Screw
AL.34	PB.20	CV.15	YY.13	AP.18
AL.34	PB.20	CV.15	YY.13	AP.18
AL.34	PB.20	CV.15	YY.13	AP.18
AL.35	PB.21	CV.15	YY.13	AP.20
AL.35	PB.21	CV.15	YY.13	AP.20
AL.36	PB.22	CV.13	YY.14	AP.21



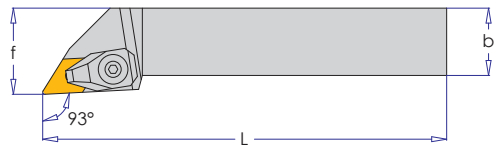
## DCBNR



Code No	h	b	L	h1	f	Inserts
DCBNR 2020K 12	20	20	125	20	17	CNMG 1204..
DCBNR 2525M 12	25	25	150	25	22	CNMG 1204..
DCBNR 3225P 12	32	25	170	32	22	CNMG 1204..

Shim	Clamp	Screw	Spring	Shim Screw
AL.34	PB.20	CV.15	YY.13	AP.18
AL.34	PB.20	CV.15	YY.13	AP.18
AL.34	PB.20	CV.15	YY.13	AP.18

## DDJNR

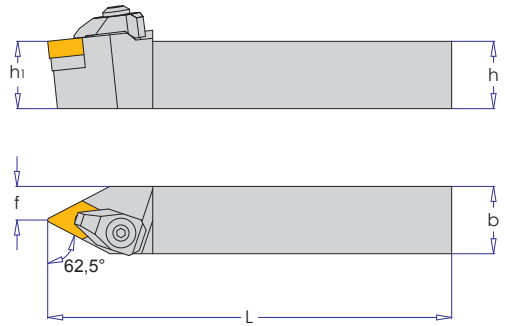


Code No	h	b	L	h1	f	Inserts
DDJNR-L 1616H 11	16	16	100	16	20	DNMG 1104..
DDJNR-L 2020K 11	20	20	125	20	25	DNMG 1104..
DDJNR-L 2525M 11	25	25	150	25	32	DNMG 1104..
* DDJNR-L 2020K 15	20	20	125	20	25	DNMG 1506..
* DDJNR-L 2525M 15	25	25	150	25	32	DNMG 1506..
* DDJNR-L 3232P 15	32	32	170	32	40	DNMG 1506..

Shim	Clamp	Screw	Spring	Shim Screw
AL.42	PB.19	CV.27	YY.12	AP.17
AL.42	PB.19	CV.27	YY.12	AP.17
AL.42	PB.19	CV.27	YY.12	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17

\* You can change the marked toolholder shim with no. AL.45 shim and connect the insert coded DNMG 1504..

## DDNNN

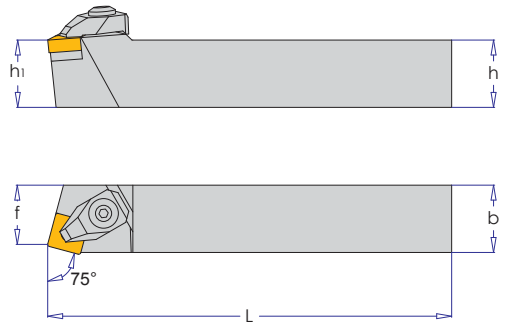


Code No	h	b	L	h1	f	Inserts
DDNNN 2020K 11	20	20	125	20	10	DNMG 1104..
DDNNN 2525M 11	25	25	150	25	12,5	DNMG 1104..
* DDNNN 2020K 15	20	20	125	20	10	DNMG 1506..
* DDNNN 2525M 15	25	25	150	25	12,5	DNMG 1506..
* DDNNN 3225P 15	32	25	170	32	12,5	DNMG 1506..

Shim	Clamp	Screw	Spring	Shim Screw
AL.42	PB.19	CV.27	YY.12	AP.17
AL.42	PB.19	CV.27	YY.12	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17

\* You can change the marked toolholder shim with no. AL.45 shim and connect the insert coded DNMG 1504..

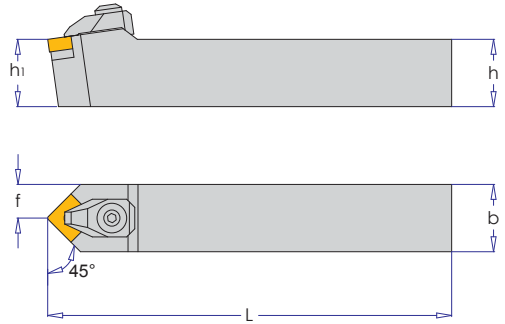
## DSBNR



Code No	h	b	L	h1	f	Inserts
DSBNR-L 2020K 12	20	20	125	20	17	SNMG 1204..
DSBNR-L 2525M 12	25	25	150	25	22	SNMG 1204..
DSBNR-L 3225P 12	32	25	170	32	22	SNMG 1204..
DSBNR-L 3232P 15	32	32	170	32	27	SNMG 1506..
DSBNR-L 3232P 19	32	32	170	32	27	SNMG 1906..

Shim	Clamp	Screw	Spring	Shim Screw
AL.46	PB.20	CV.15	YY.13	AP.18
AL.46	PB.20	CV.15	YY.13	AP.18
AL.46	PB.20	CV.15	YY.13	AP.18
AL.47	PB.21	CV.15	YY.13	AP.20
AL.48	PB.22	CV.13	YY.14	AP.21

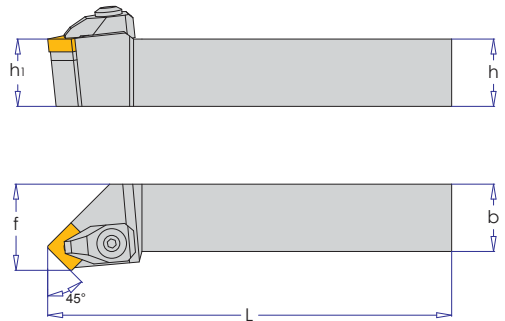
## DSDNN



Code No	h	b	L	h1	f	Inserts
DSDNN 2020K 12	20	20	125	20	10	SNMG 1204..
DSDNN 2525M 12	25	25	150	25	12,5	SNMG 1204..
DSDNN 3225P 12	32	25	170	32	12,5	SNMG 1204..
DSDNN 3232P 15	32	32	170	32	16	SNMG 1506..
DSDNN 3232P 19	32	32	170	32	16	SNMG 1906..

Shim	Clamp	Screw	Spring	Shim Screw
AL.46	PB.20	CV.15	YY.13	AP.18
AL.46	PB.20	CV.15	YY.13	AP.18
AL.46	PB.20	CV.15	YY.13	AP.18
AL.47	PB.21	CV.15	YY.13	AP.20
AL.48	PB.22	CV.13	YY.14	AP.21

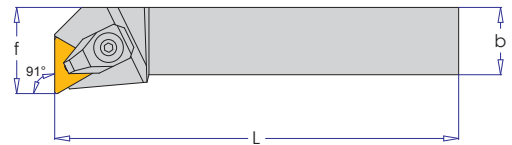
## DSSNR



Code No	h	b	L	h1	f	Inserts
DSSNR-L 2020K 12	20	20	125	20	25	SNMG 1204..
DSSNR-L 2525M 12	25	25	150	25	32	SNMG 1204..
DSSNR-L 3225P 12	32	25	170	32	32	SNMG 1204..
DSSNR-L 3232P 15	32	32	170	32	40	SNMG 1506..
DSSNR-L 3232P 19	32	32	170	32	40	SNMG 1906..

Shim	Clamp	Screw	Spring	Shim Screw
AL.46	PB.20	CV.15	YY.13	AP.18
AL.46	PB.20	CV.15	YY.13	AP.18
AL.46	PB.20	CV.15	YY.13	AP.18
AL.47	PB.21	CV.15	YY.13	AP.20
AL.48	PB.22	CV.13	YY.14	AP.21

## DTFNR



Code No	h	b	L	h1	f	Inserts
DTFNR-L 2020K 16	20	20	125	20	25	TNMG 1604..
DTFNR-L 2525M 16	25	25	150	25	32	TNMG 1604..
DTFNR-L 2525M 22	25	25	150	25	32	TNMG 2204..

Shim	Clamp	Screw	Spring	Shim Screw
AL.37	PB.19	CV.27	YY.12	AP.17
AL.37	PB.19	CV.27	YY.12	AP.17
AL.38	PB.20	CV.15	YY.13	AP.19

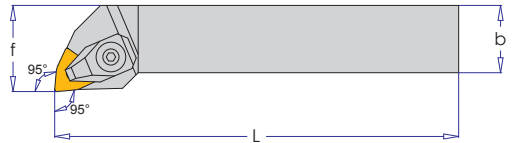
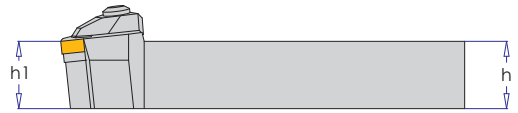
## DTGNR



Code No	h	b	L	h1	f	Inserts
DTGNR-L 2020K 16	20	20	125	20	25	TNMG 1604..
DTGNR-L 2525M 16	25	25	150	25	32	TNMG 1604..
DTGNR-L 2525M 22	25	25	150	25	32	TNMG 2204..

Shim	Clamp	Screw	Spring	Shim Screw
AL.37	PB.19	CV.27	YY.12	AP.17
AL.37	PB.19	CV.27	YY.12	AP.17
AL.38	PB.20	CV.15	YY.13	AP.19

## DWLNR

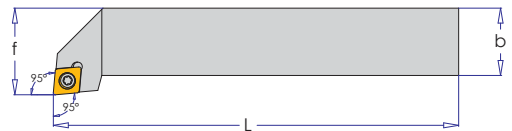


Code No	h	b	L	h1	f	Inserts
* DWLNR-L 1616H 06	16	16	100	16	20	WNMG 0604..
* DWLNR-L 2020K 06	20	20	125	20	25	WNMG 0604..
* DWLNR-L 2525M 06	25	25	150	25	32	WNMG 0604..
DWLNR-L 2020K 08	20	20	125	20	25	WNMG 0804..
DWLNR-L 2525M 08	25	25	150	25	32	WNMG 0804..
DWLNR-L 3232P 08	32	32	170	32	40	WNMG 0804..

Shim	Clamp	Screw	Spring	Shim Screw
AL.43	PB.19	CV.27	YY.12	AP.17
AL.43	PB.19	CV.27	YY.12	AP.17
AL.43	PB.19	CV.27	YY.12	AP.17
AL.33	PB.20	CV.15	YY.13	AP.19
AL.33	PB.20	CV.15	YY.13	AP.19
AL.33	PB.20	CV.15	YY.13	AP.19

\* You can change the marked toolholder shim with no. AL.44 shim and connect the insert coded WNMG 06T3..

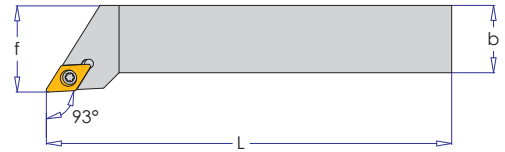
## SCLCR



Code No	h	b	L	h1	f	Inserts
SCLCR-L 1212F 09	12	12	80	12	16	CCMT 09T3..
SCLCR-L 1616H 09	16	16	100	16	20	CCMT 09T3..
SCLCR-L 2020K 09	20	20	125	20	25	CCMT 09T3..
SCLCR-L 2525M 09	25	25	150	25	32	CCMT 09T3..
SCLCR-L 2020K 12	20	20	125	20	25	CCMT 1204..
SCLCR-L 2525M 12	25	25	150	25	32	CCMT 1204..

Shim	Shim Screw	Screw
-	-	CV.18
AL.25	CV.19	CV.18
AL.25	CV.19	CV.18
AL.25	CV.19	CV.18
AL.26	CV.21	CV.17
AL.26	CV.21	CV.17

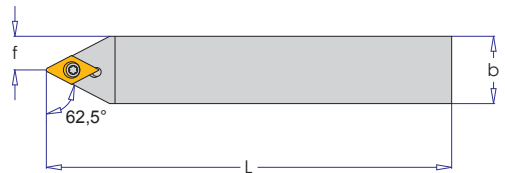
## SDJCR



Code No	h	b	L	h1	f	Inserts
SDJCR-L 1212F 07	12	12	80	12	16	DCMT 0702..
SDJCR-L 1212F 11	12	12	80	12	16	DCMT 11T3..
SDJCR-L 1616H 11	16	16	100	16	20	DCMT 11T3..
SDJCR-L 2020K 11	20	20	125	20	25	DCMT 11T3..
SDJCR-L 2525M 11	25	25	150	25	32	DCMT 11T3..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.18
AL.27	CV.19	CV.18
AL.27	CV.19	CV.18
AL.27	CV.19	CV.18

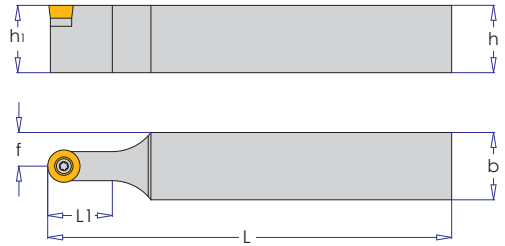
## SDNCN



Code No	h	b	L	h1	f	Inserts
SDNCN 1212F 07	12	12	80	12	6	DCMT 0702..
SDNCN 1212F 11	12	12	80	12	6	DCMT 11T3..
SDNCN 1616H 11	16	16	100	16	8	DCMT 11T3..
SDNCN 2020K 11	20	20	125	20	10	DCMT 11T3..
SDNCN 2525M 11	25	25	150	25	12,5	DCMT 11T3..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.18
AL.27	CV.19	CV.18
AL.27	CV.19	CV.18
AL.27	CV.19	CV.18

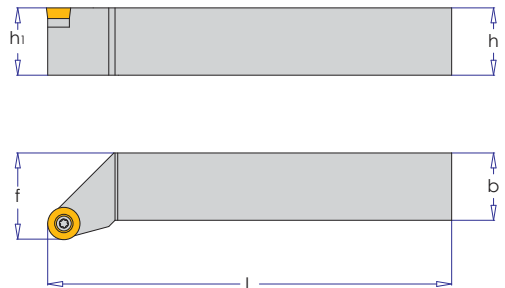
## SRDCN



Code No	h	b	L	L1	h1	f	Inserts
SRDCN 1616H 06	16	16	100	12	16	8	RCMT 0602..
SRDCN 2020K 06	20	20	125	12	20	10	RCMT 0602..
SRDCN 2525M 06	25	25	150	12	25	12,5	RCMT 0602..
SRDCN 1616H 08	16	16	100	16	16	8	RCMT 0803..
SRDCN 2020K 08	20	20	125	16	20	10	RCMT 0803..
SRDCN 2525M 08	25	25	150	16	25	12,5	RCMT 0803..
SRDCN 2020K 10	20	20	125	20	20	10	RCMT 10T3..
SRDCN 2525M 10	25	25	150	20	25	12,5	RCMT 10T3..
SRDCN 2020K 12	20	20	125	25	20	10	RCMT 1204..
SRDCN 2525M 12	25	25	150	25	25	12,5	RCMT 1204..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.24
-	-	CV.24
-	-	CV.24
AL.31	CV.19	CV.18
AL.31	CV.19	CV.18
AL.32	CV.19	CV.18
AL.32	CV.19	CV.18

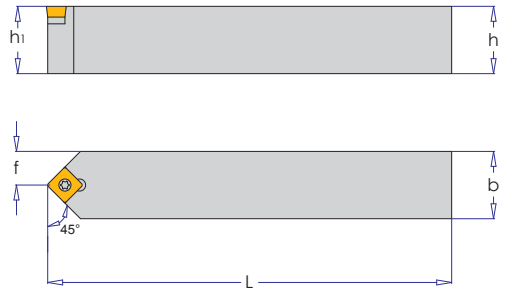
## SRGCR



Code No	h	b	L	h1	f	Inserts
SRGCR-L 2020K 08	20	20	125	20	25	RCMT 0803..
SRGCR-L 2525M 08	25	25	150	25	32	RCMT 0803..
SRGCR-L 2020K 10	20	20	125	20	25	RCMT 10T3..
SRGCR-L 2525M 10	25	25	150	25	32	RCMT 10T3..
SRGCR-L 2020K 12	20	20	125	20	25	RCMT 1204..
SRGCR-L 2525M 12	25	25	150	25	32	RCMT 1204..

Shim	Shim Screw	Screw
-	-	CV.24
-	-	CV.24
AL.31	CV.19	CV.18
AL.31	CV.19	CV.18
AL.32	CV.19	CV.18
AL.32	CV.19	CV.18

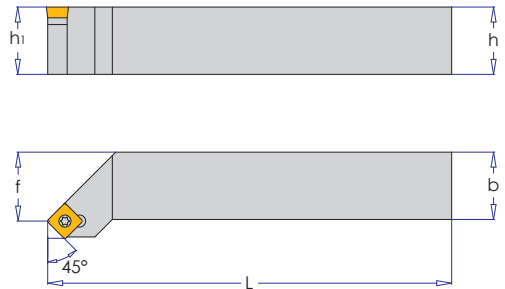
## SSDCN



Code No	h	b	L	h1	f	Inserts
SSDCN 1212F 09	12	12	80	12	6	SCMT 09T3..
SSDCN 1616H 09	16	16	100	16	8	SCMT 09T3..
SSDCN 2020K 09	20	20	125	20	10	SCMT 09T3..
SSDCN 2020K 12	20	20	125	20	10	SCMT 1204..
SSDCN 2525M 12	25	25	150	25	12,5	SCMT 1204..

Shim	Shim Screw	Screw
-	-	CV.18
-	-	CV.18
AL.29	CV.19	CV.18
AL.30	CV.21	CV.17
AL.30	CV.21	CV.17

## SSSCR

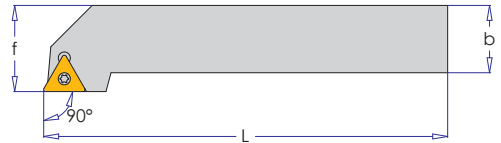





Code No	h	b	L	h1	f	Inserts
SSSCR-L 1212F 09	12	12	80	12	16	SCMT 09T3..
SSSCR-L 1616H 09	16	16	100	16	20	SCMT 09T3..
SSSCR-L 2020K 09	20	20	125	20	25	SCMT 09T3..
SSSCR-L 2020K 12	20	20	125	20	25	SCMT 1204..
SSSCR-L 2525M 12	25	25	150	25	32	SCMT 1204..

Shim	Shim Screw	Screw
-	-	CV.18
-	-	CV.18
AL.29	CV.19	CV.18
AL.30	CV.21	CV.17
AL.30	CV.21	CV.17






## STGCR



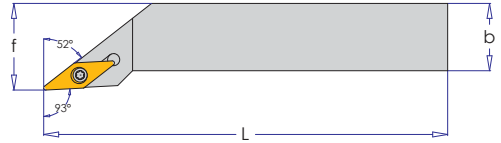
Code No	h	b	L	h1	f	Inserts	Shim	Shim Screw	Screw
STGCR-L 2020K 16	20	20	125	20	25	TCMT 16T3..			
STGCR-L 2525M 16	25	25	150	25	32	TCMT 16T3..	AL.28	CV.19	CV.18

## SVHCR



Code No	h	b	L	h1	f	Inserts	Shim	Shim Screw	Screw
SVHCR-L 2020K 16	20	20	125	20	25	VCMT 1604..			
SVHCR-L 2525M 16	25	25	150	25	32	VCMT 1604..	AL.23	CV.19	CV.18

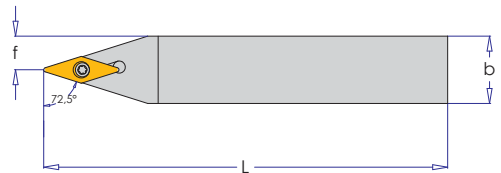
## SVJCR



Code No	h	b	L	h1	f	Inserts
SVJCR-L 1212F 11	12	12	80	12	16	VCMT 1103..
SVJCR-L 1616H 11	16	16	100	16	20	VCMT 1103..
SVJCR-L 2020K 11	20	20	125	20	25	VCMT 1103..
SVJCR-L 2020K 16	20	20	125	20	25	VCMT 1604..
SVJCR-L 2525M 16	25	25	150	25	32	VCMT 1604..
SVJCR-L 3225P 16	32	25	170	32	32	VCMT 1604..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.20
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18

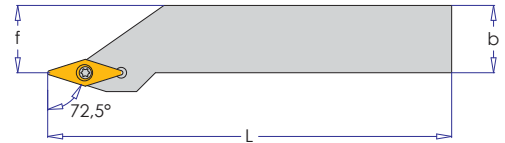
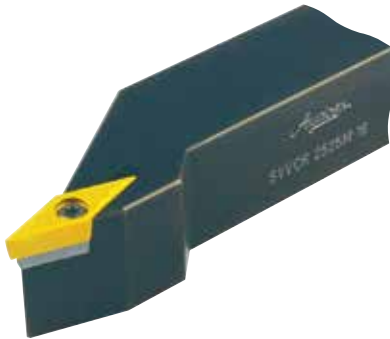
## SVVCN






Code No	h	b	L	h1	f	Inserts
SVVCN 1212F 11	12	12	80	12	6	VCMT 1103..
SVVCN 1616H 11	16	16	100	16	8	VCMT 1103..
SVVCN 2020K 11	20	20	125	20	10	VCMT 1103..
SVVCN 2020K 16	20	20	125	20	10	VCMT 1604..
SVVCN 2525M 16	25	25	150	25	12,5	VCMT 1604..

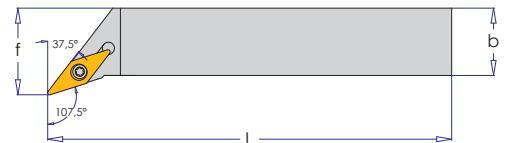
Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.20
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18




## SVVCR



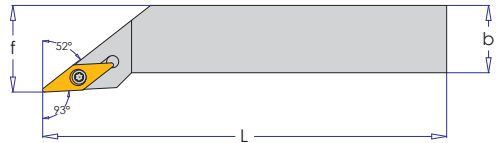
Code No	h	b	L	h1	f	Inserts	Shim	Shim Screw	Screw
SVVCR 2020K 16	20	20	125	20	20	VCMT 1604..			
SVVCR 2525M 16	25	25	150	25	25	VCMT 1604..	AL.23	CV.19	CV.18

## SVHBR



Code No	h	b	L	h1	f	Inserts	Shim	Shim Screw	Screw
SVHBR-L 2020K 16	20	20	125	20	25	VBMT 1604..			
SVHBR-L 2525M 16	25	25	150	25	32	VBMT 1604..	AL.23	CV.19	CV.18

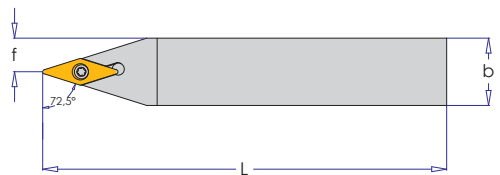
## SVJBR



Code No	h	b	L	h1	f	Inserts
SVJBR-L 1212F 11	12	12	80	12	16	VBMT 1103..
SVJBR-L 1616H 11	16	16	100	16	20	VBMT 1103..
SVJBR-L 2020K 11	20	20	125	20	25	VBMT 1103..
SVJBR-L 2020K 16	20	20	125	20	25	VBMT 1604..
SVJBR-L 2525M 16	25	25	150	25	32	VBMT 1604..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.20
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18

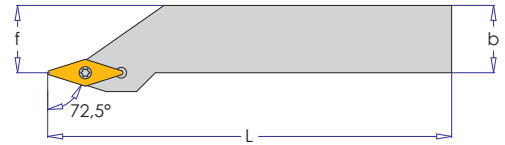
## SVVBN






Code No	h	b	L	h1	f	Inserts
SVVBN 1212F 11	12	12	80	12	6	VBMT 1103..
SVVBN 1616H 11	16	16	100	16	8	VBMT 1103..
SVVBN 2020K 11	20	20	125	20	10	VBMT 1103..
SVVBN 2020K 16	20	20	125	20	10	VBMT 1604..
SVVBN 2525M 16	25	25	150	25	12,5	VBMT 1604..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.20
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18

## SVVBR

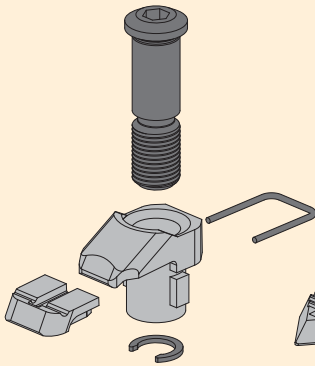


Code No	h	b	L	h1	f	Inserts
SVVBR 2020K 16	20	20	125	20	20	VBMT 1604..
SVVBR 2525M 16	25	25	150	25	25	VBMT 1604..

Shim	Shim Screw	Screw
		
AL.23	CV.19	CV.18
AL.23	CV.19	CV.18

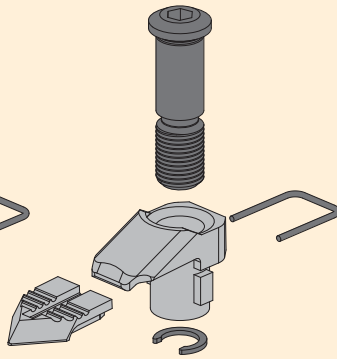


## Selecting the clamping system for ceramic tool holders



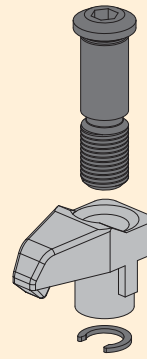
Clamping element with thrust plate  
(for short chip material)

ID



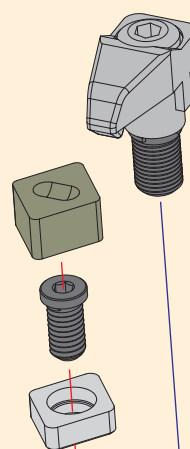
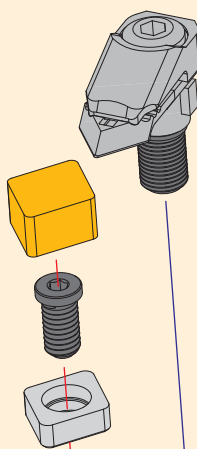
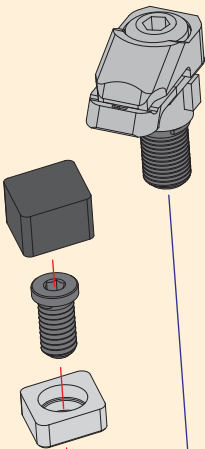
Clamping element with chip breaker

IC

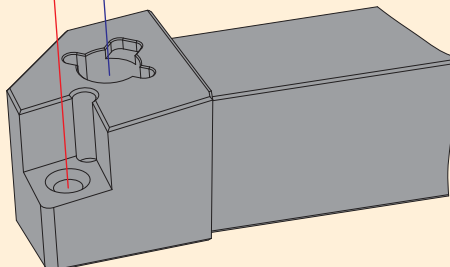


Notch clamping

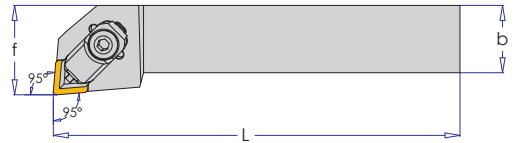
IX








One toolholder  
3 clamping systems



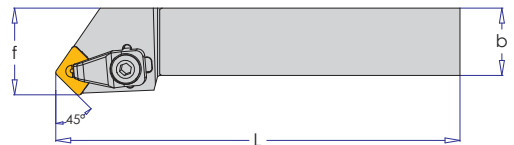
## CCLNR



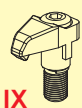


Code No	h	b	L	h1	f	Inserts
CCLNR-L 2525M 12-IC	25	25	150	25	32	CNGN 1207..
CCLNR-L 2525M 12-IX	25	25	150	25	32	CNGX 1207..

Clamp set for CNGN	Thrust Plate	Clamp set for CNGX	Shim	Shim screw
 <b>IC</b>		 <b>IX</b>		
PB.30-SET	TK.01	-	AL.63	CV.40
-	-	PB.31-SET	AL.63	CV.40

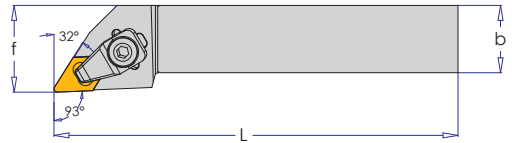
## CCSNR



Code No	h	b	L	h1	f	Inserts
CCSNR-L 2525M 12-IX	25	25	150	25	32	CNGX 1207..

Clamp set for CNGX	Shim	Shim screw
 <b>IX</b>		
PB.31-SET	AL.63	CV.40

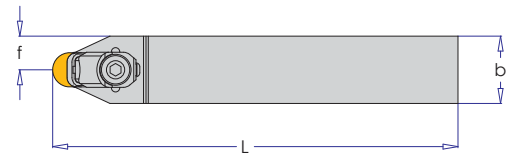
## CDJNR



Code No	h	b	L	h1	f	Inserts
CDJNR-L 2525M 15-IC	25	25	150	25	32	DNGN 1507..
CDJNR-L 2525M 15-IX	25	25	150	25	32	DNGX 1507..

Clamp set for DNGN	Thrust Plate	Clamp set for DNGX	Shim	Shim screw
<b>IC</b> 		<b>IX</b> 		
PB.30-SET	TK.01	-	AL.64	CV.40
-	-	PB.31-SET	AL.64	CV.40

## CRDNN

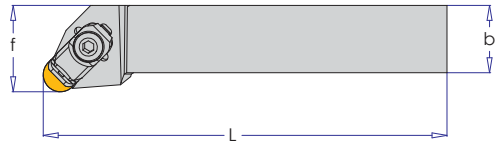






Code No	h	b	L	h1	f	Inserts
CRDNN 2525M 12-ID	25	25	150	25	12,5	RNGN 1207..

Clamp set for RNGN	Thrust Plate	Shim	Shim screw
<b>ID</b> 			
PB.29-SET	TK.02	AL.57	AP.19



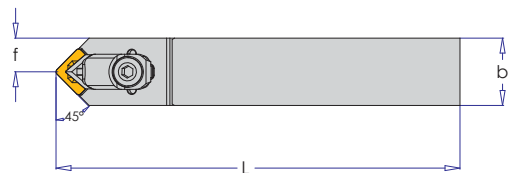
## CRSNR



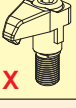




Clamp set for RNGN	Thrust Plate	Shim	Shim screw
 <b>ID</b>			
PB.29-SET	TK.02	AL.57	AP.19

Code No	h	b	L	h1	f	Inserts
CRSNR-L 2525M 12-ID	25	25	150	25	32	RNGN 1207..

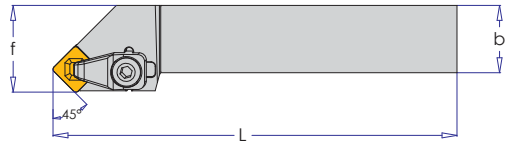
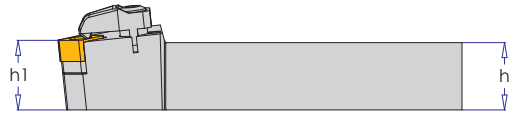
## CSDNN








Clamp set for SNGN	Thrust Plate	Clamp set for SNGX	Shim	Shim screw
 <b>IC</b>		 <b>IX</b>		
PB.30-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-SET	AL.65	CV.40

Code No	h	b	L	h1	f	Inserts
CSDNN 2525M 12-IC	25	25	150	25	12,5	SNGN 1207..
CSDNN 2525M 12-IX	25	25	150	25	12,5	SNGX 1207..

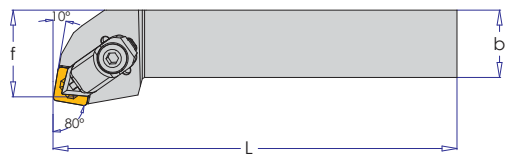
## CSSNR








Code No	h	b	L	h1	f	Inserts
CSSNR-L 2525M 12-IC	25	25	150	25	32	SNGN 1207..
CSSNR-L 2525M 12-IX	25	25	150	25	32	SNGX 1207..

Clamp set for SNGN	Thrust Plate	Clamp set for SNGX	Shim	Shim pin
 <b>IC</b>		 <b>IX</b>		
PB.30-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-SET	AL.65	CV.40

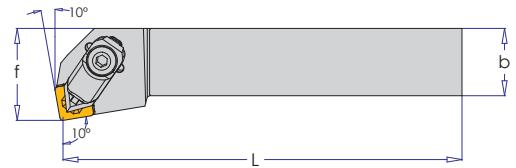
## CSXNR



Code No	h	b	L	h1	f	Inserts
CSXNR-L 2525M 12-IC	25	25	150	25	32	SNGN 1207..
CSXNR-L 2525M 12-IX	25	25	150	25	32	SNGX 1207..

Clamp set for SNGN	Thrust Plate	Clamp set for SNGX	Shim	Shim pin
 <b>IC</b>		 <b>IX</b>		
PB.30-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-SET	AL.65	CV.40

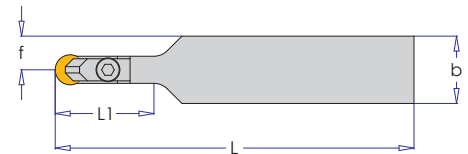
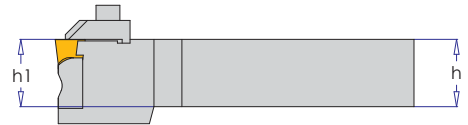
## CSYNR



Code No	h	b	L	h1	f	Inserts
CSYNR-L 2525M 12-IC	25	25	150	25	32	SNGN 1207..
CSYNR-L 2525M 12-IX	25	25	150	25	32	SNGX 1207..

Clamp set for SNGN	Thrust Plate	Clamp set for SNGX	Shim	Shim pin
<b>IC</b> 		<b>IX</b> 		
PB.30-SET	TK.01	-	AL.65	CV.40
-	-	PB.31-SET	AL.65	CV.40

## CRDCN



Code No	h	b	L	L1	h1	f	Inserts
CRDCN 3232P 06	32	32	170	19.5	32	16	RCGX 0606..
CRDCN 3232P 09	32	32	170	31.5	32	16	RCGX 0907..
CRDCN 3232P 12	32	32	170	38.5	32	16	RCGX 1207..
CRDCN 3232P 15	32	32	170	41	32	16	RCGX 1510..

Shim	Clamp	Screw	Shim Screw
AL.49	PB.26	CV.28	AP.22
AL.50	PB.27	CV.29	AP.23
AL.51	PB.28	CV.30	CV.29
AL.52	PB.28	CV.30	CV.29

# Internal Turning Tools



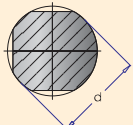
*Aydosa*

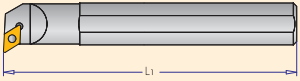
## Internal Turning Code Key






Extract from ISO









<b>S</b>	<b>25</b>	<b>T</b>	<b>D</b>	<b>W</b>	<b>L</b>	<b>N</b>	<b>R</b>	<b>08</b>
1	2	3	4	5	6	7	8	9

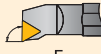
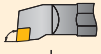


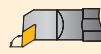

1 Clamping System
A : Steel shank internal coolant supply
C : Carbide Shank
E : Carbide Shank internal coolant supply
S : Steel Shank










2 Bar Diameter mm

8 = 08    25 = 25
10 = 10    32 = 32
12 = 12    40 = 40
16 = 16    50 = 50
20 = 20    60 = 60

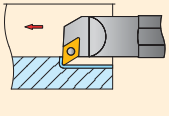
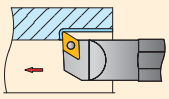
3 Tool Length L <sub>1</sub> mm

F = 80    M = 150    R = 200    V = 400
H = 100    N = 160    S = 250    W = 450
K = 125    P = 170    T = 300    Y = 500
L = 140    Q = 180    U = 350    X = Special










4 Clamping System		
Top Clamping  C	Top and hole clamping  D	Wedge clamping  M
Lever Clamping  P	Screw Clamping  S	

5 Insert Shape	
 C	 D
 K	 R
 S	 T
 V	 W

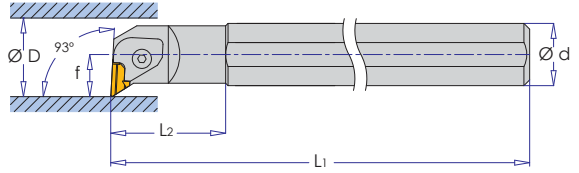
6 Approach Angle	
 F	 L
 P	 Q
 U	 W

7 Insert Clearance Angle		
 A	 B	 C
 D	 E	 F
 G	 N	 P

8 Hand of Tool
 R
 L

9 Cutting Edge Length mm		
		
		
		

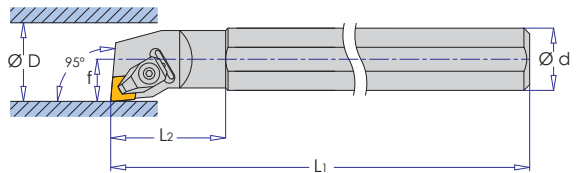
## CKUNR



Code No	d	L1	L2	f	D	Inserts
S32S CKUNR 16	32	250	60	22	44	KNUX 1604..
S40T CKUNR 16	40	300	70	27	48	KNUX 1604..

Shim	Clamp	Screw	Spring	Shim Pin	Spring and Pin
AL.10L	PB.10L	CV.10	YY.10	AP.10	-
AL.10L	PB.10L	CV.10	YY.10	AP.10	-

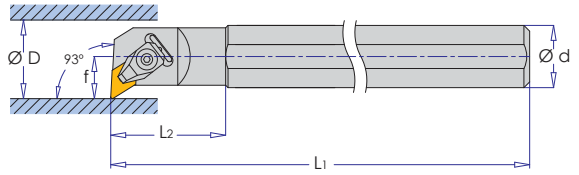
## DCLNR



Code No	d	L1	L2	f	D	Inserts
S25R DCLNR-L 12	25	200	55	17	32	CNMG 1204..
S32S DCLNR-L 12	32	250	60	22	40	CNMG 1204..
S40T DCLNR-L 12	40	300	65	27	50	CNMG 1204..
S40T DCLNR-L 16	40	300	65	27	50	CNMG 1606..

Shim	Clamp	Screw	Spring	Shim Screw
AL.34	PB.20	CV.15	YY.13	AP.18
AL.34	PB.20	CV.15	YY.13	AP.18
AL.34	PB.20	CV.15	YY.13	AP.18
AL.35	PB.21	CV.15	YY.13	AP.20

## DDUNR

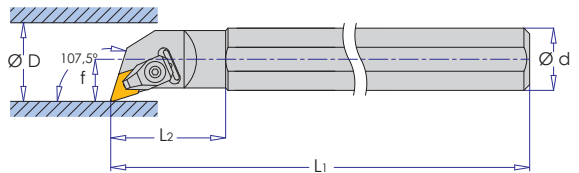


Code No	d	L1	L2	f	D	Inserts
S20Q DDUNR-L 11	20	180	45	14	27	DNMG 1104..
S25R DDUNR-L 11	25	200	55	17	32	DNMG 1104..
S32S DDUNR-L 11	32	250	55	22	40	DNMG 1104..
* S32S DDUNR-L 15	32	250	55	22	40	DNMG 1506..
* S40T DDUNR-L 15	40	300	65	27	50	DNMG 1506..

Shim	Clamp	Screw	Spring	Shim Screw
-	PB.19A	CV.27A	YY.12	-
AL.42	PB.19A	CV.27A	YY.12	AP.17
AL.42	PB.19A	CV.27A	YY.12	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17

\* You can change the marked toolholder shim with no. AL.45 shim and connect the insert coded DNMG 1504..

## DDQNR

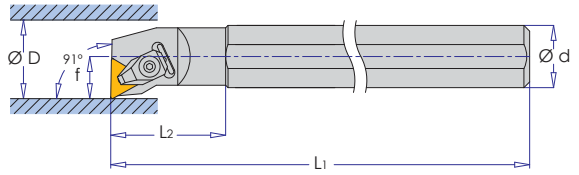


Code No	d	L1	L2	f	D	Inserts
S20Q DDQNR-L 11	20	180	45	13	25	DNMG 1104..
S25R DDQNR-L 11	25	200	55	17	32	DNMG 1104..
S32S DDQNR-L 11	32	250	55	22	40	DNMG 1104..
* S32S DDQNR-L 15	32	250	55	22	40	DNMG 1506..
* S40T DDQNR-L 15	40	300	65	27	50	DNMG 1506..

Shim	Clamp	Screw	Spring	Shim Screw
-	PB.19A	CV.27A	YY.12	-
AL.42	PB.19A	CV.27A	YY.12	AP.17
AL.42	PB.19A	CV.27A	YY.12	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17
AL.40	PB.20	CV.15	YY.13	AP.17

\* You can change the marked toolholder shim with no. AL.45 shim and connect the insert coded DNMG 1504..

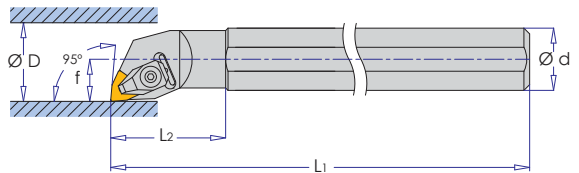
## DTFNR



Code No	d	L1	L2	f	D	Inserts
S25R DTFNR-L 16	25	200	55	17	32	TNMG 1604..
S32S DTFNR-L 16	32	250	60	22	40	TNMG 1604..
S40T DTFNR-L 16	40	300	65	27	50	TNMG 1604..
S32S DTFNR-L 22	32	250	60	22	40	TNMG 2204..
S40T DTFNR-L 22	40	300	65	27	50	TNMG 2204..

Shim	Clamp	Screw	Spring	Shim Screw
AL.37	PB.19A	CV.27A	YY.12	AP.17
AL.37	PB.19	CV.27	YY.12	AP.17
AL.37	PB.19	CV.27	YY.12	AP.17
AL.38	PB.20	CV.15	YY.13	AP.19
AL.38	PB.20	CV.15	YY.13	AP.19

## DWLNR



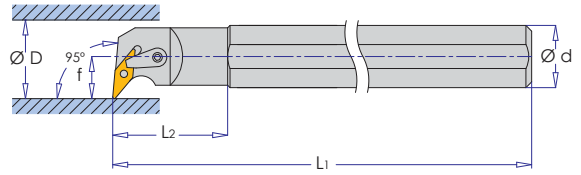
Code No	d	L1	L2	f	D	Inserts
S20Q DWLNR-L 06-T3	20	180	45	13	26	WNMG 06T3..
S20Q DWLNR-L 06	20	180	45	13	26	WNMG 0604..
* S25R DWLNR-L 06	25	200	50	17	32	WNMG 0604..
* S32S DWLNR-L 06	32	250	55	22	40	WNMG 0604..
S25R DWLNR-L 08	25	200	55	17	32	WNMG 0804..
S32S DWLNR-L 08	32	250	60	22	40	WNMG 0804..
S40T DWLNR-L 08	40	300	65	27	50	WNMG 0804..

Shim	Clamp	Screw	Spring	Shim Screw
AL.43	PB.19A	CV.27A	YY.12	AP.17
-	PB.19A	CV.27A	YY.12	-
AL.43	PB.19A	CV.27A	YY.12	AP.17
AL.43	PB.19	CV.27	YY.12	AP.17
AL.33	PB.20	CV.15	YY.13	AP.19
AL.33	PB.20	CV.15	YY.13	AP.19
AL.33	PB.20	CV.15	YY.13	AP.19

\* You can change the marked toolholder shim with no. AL.44 shim and connect the insert coded WNMG 06T3..



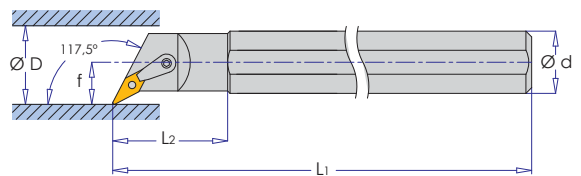
## MVLNR



Code No	d	L1	L2	f	D	Inserts
S25R MVLNR-L 16	25	200	50	17	32	VNMG 1604..
S32S MVLNR-L 16	32	250	55	22	40	VNMG 1604..
S40T MVLNR-L 16	40	300	60	27	50	VNMG 1604..

Shim	Clamp	Clamp screw	Shim Screw
AL.41	PB.23	CV.25	AP.15
AL.41	PB.23	CV.25	AP.15
AL.41	PB.23	CV.25	AP.15

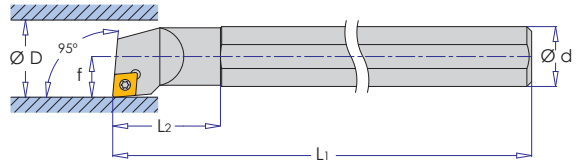
## MVPCR



Code No	d	L1	L2	f	D	Inserts
S25R MVPCR-L 16	25	200	50	17	32	VNMG 1604..
S32S MVPCR-L 16	32	250	55	22	40	VNMG 1604..
S40T MVPCR-L 16	40	300	60	27	50	VNMG 1604..

Shim	Clamp	Clamp screw	Shim Screw
AL.41	PB.23	CV.25	AP.15
AL.41	PB.23	CV.25	AP.15
AL.41	PB.23	CV.25	AP.15

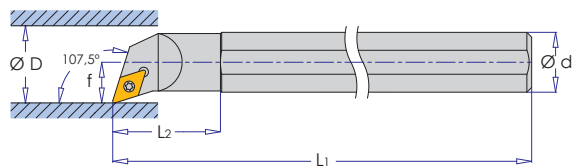
## SCLCR



Code No	d	L1	L2	f	D	Inserts
S08F SCLCR-L 06	8	80	22	6	11	CCMT 0602..
S10H SCLCR-L 06	10	100	24	7	13	CCMT 0602..
S12K SCLCR-L 06	12	125	27	9	16	CCMT 0602..
S16M SCLCR-L 06	16	150	32	11	20	CCMT 0602..
S16M SCLCR-L 09	16	150	32	11	20	CCMT 09T3..
S20Q SCLCR-L 09	20	180	40	13	25	CCMT 09T3..
S25R SCLCR-L 09	25	200	45	17	32	CCMT 09T3..
S25R SCLCR-L 12	25	200	45	17	32	CCMT 1204..

Shim	Shim Screw	Screw
-	-	CV.20A
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18
-	-	CV.17

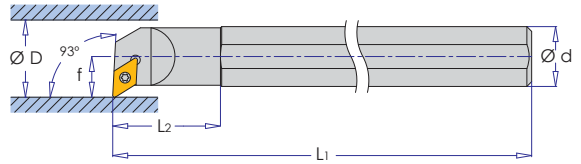
## SDQCR



Code No	d	L1	L2	f	D	Inserts
S10H SDQCR-L 07	10	100	24	7	13	DCMT 0702..
S12K SDQCR-L 07	12	125	27	9	16	DCMT 0702..
S16M SDQCR-L 07	16	150	32	11	20	DCMT 0702..
S16M SDQCR-L 11	16	150	32	11	20	DCMT 11T3..
S20Q SDQCR-L 11	20	180	40	13	25	DCMT 11T3..
S25R SDQCR-L 11	25	200	45	17	32	DCMT 11T3..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18

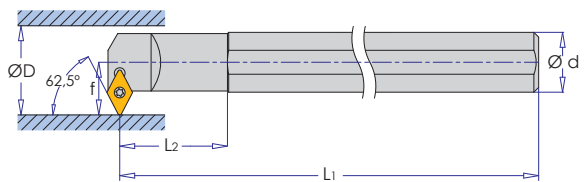
## SDUCR



Code No	d	L1	L2	f	D	Inserts
S10H SDUCR-L 07	10	100	24	7	13	DCMT 0702..
S12K SDUCR-L 07	12	125	27	9	16	DCMT 0702..
S16M SDUCR-L 07	16	150	32	11	20	DCMT 0702..
S16M SDUCR-L 11	16	150	32	11	20	DCMT 11T3..
S20Q SDUCR-L 11	20	180	40	13	25	DCMT 11T3..
S25R SDUCR-L 11	25	200	45	17	32	DCMT 11T3..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.23
-	-	CV.18
-	-	CV.18

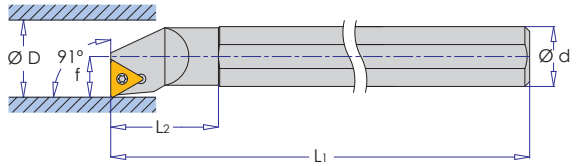
## SDWCR



Code No	d	L1	L2	f	D	Inserts
S12K SDWCR 07	12	125	27	11	19	DCMT 0702..
S16M SDWCR 07	16	150	32	13	23	DCMT 0702..
S20Q SDWCR 11	20	180	40	17	29	DCMT 11T3..
S25R SDWCR 11	25	200	45	22	37	DCMT 11T3..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.18
-	-	CV.18

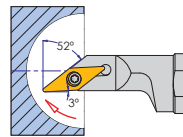
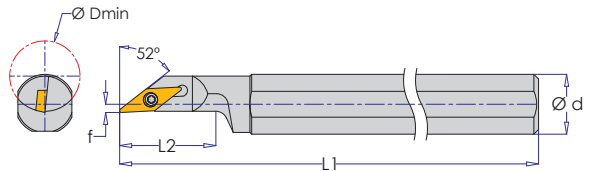
## STFCR



Code No	d	L1	L2	f	D	Inserts
S10H STFCR-L 11	10	100	24	7	13	TCMT 1102..
S12K STFCR-L 11	12	125	27	9	16	TCMT 1102..
S16M STFCR-L 11	16	150	32	11	20	TCMT 1102..
S20Q STFCR-L 16	20	180	40	13	25	TCMT 16T3..
S25R STFCR-L 16	25	200	45	17	32	TCMT 16T3..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
-	-	CV.20
-	-	CV.18
-	-	CV.18

## SVJCR



Code No	d	L1	L2	f	ØD	Inserts
S16M SVJCR 11	16	150	35	2	20	VCMT 1103..
S20Q SVJCR 11	20	180	42.5	2	25	VCMT 1103..
S25R SVJCR 16	25	200	45	3	30	VCMT 1604..

Screw	Shim	Shim Screw
CV.20	-	-
CV.20	-	-
CV.18	-	-

*Aydosa*

# Threading Tools



*Aydosa*  
SER 1297F 11

*Aydosa*  
SER 1616H 16

*Aydosa*  
SER 1703M 10

*Aydosa*  
SER 15020K 10

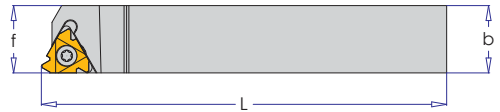
*Aydosa*  
SER 1701T 16

*Aydosa*  
SER 2325M 22

*Aydosa*  
SER 5...

## SER

External Threading RIGHT Tool Holder  
The toolholders are made with a 1,5° helix angle



Code No	h	b	L	h1	f	Inserts
SER 1212F 11	12	12	80	12	12	11 ER..
SER 1616H 11	16	16	100	16	16	11 ER..
SER 1212H 16	12	12	100	12	12	16 ER..
SER 1616H 16	16	16	100	16	16	16 ER..
SER 2020K 16	20	20	125	20	20	16 ER..
SER 2525M 16	25	25	150	25	25	16 ER..
SER 2525M 22	25	25	150	25	25	22 ER..
SER 3232P 22	32	32	170	32	32	22 ER..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
AL.53	CV.32	CV.34
AL.53	CV.32	CV.34
AL.53	CV.32	CV.34
AL.53	CV.32	CV.34
AL.55	CV.33	CV.35
AL.55	CV.33	CV.35

## SEL

External Threading LEFT Tool Holder  
The toolholders are made with a 1,5° helix angle

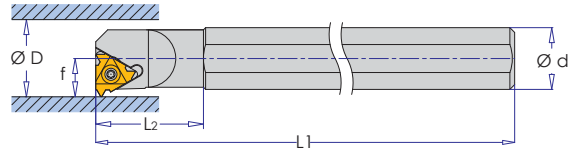


Code No	h	b	L	h1	f	Inserts
SEL 1212F 11	12	12	80	12	12	11 EL..
SEL 1616H 11	16	16	100	16	16	11 EL..
SEL 1212H 16	12	12	100	12	12	16 EL..
SEL 1616H 16	16	16	100	16	16	16 EL..
SEL 2020K 16	20	20	125	20	20	16 EL..
SEL 2525M 16	25	25	150	25	25	16 EL..
SEL 2525M 22	25	25	150	25	25	22 EL..
SEL 3232P 22	32	32	170	32	32	22 EL..

Shim	Shim Screw	Screw
-	-	CV.20
-	-	CV.20
AL.54	CV.32	CV.34
AL.54	CV.32	CV.34
AL.54	CV.32	CV.34
AL.54	CV.32	CV.34
AL.56	CV.33	CV.35
AL.56	CV.33	CV.35

## SIR

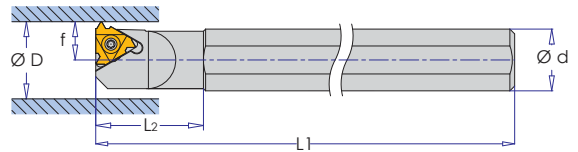
Internal Threading RIGHT Tool Holder  
The toolholders are made with a 1,5° helix angle



Code No	d	L1	L2	f	D	Inserts	Shim	Shim Screw	Screw
S10H SIR 11	10	100	25	7,4	13	11 IR..		-	CV.20
S12K SIR 11	12	125	28	8,2	14	11 IR..	-	-	CV.20
S16M SIR 11	16	150	32	10	18	11 IR..	-	-	CV.20
S16M SIR 16	16	150	35	11,5	19	16 IR..	-	-	CV.18
S20Q SIR 16	20	180	42	15	25	16 IR..	AL.54	CV.32	CV.34
S25R SIR 16	25	200	50	18	30	16 IR..	AL.54	CV.32	CV.34
S32S SIR 16	32	250	52	21,5	38	16 IR..	AL.54	CV.32	CV.34
S20Q SIR 22	20	180	42	15,6	25	22 IR..	AL.56	CV.33	CV.35
S25R SIR 22	25	200	45	18,1	30	22 IR..	AL.56	CV.33	CV.35
S32S SIR 22	32	250	52	21,6	38	22 IR..	AL.56	CV.33	CV.35
S40T SIR 22	40	300	60	25,8	46	22 IR..	AL.56	CV.33	CV.35

## SIL

Internal Threading LEFT Tool Holder  
The toolholders are made with a 1,5° helix angle



Code No	d	L1	L2	f	D	Inserts	Shim	Shim Screw	Screw
S10H SIL 11	10	100	25	7,4	13	11 IL..		-	CV.20
S12K SIL 11	12	125	28	8,2	14	11 IL..	-	-	CV.20
S16M SIL 11	16	150	32	10	18	11 IL..	-	-	CV.20
S16M SIL 16	16	150	35	11,5	19	16 IL..	-	-	CV.18
S20Q SIL 16	20	180	42	15	25	16 IL..	AL.53	CV.32	CV.34
S25R SIL 16	25	200	50	18	30	16 IL..	AL.53	CV.32	CV.34
S32S SIL 16	32	250	52	21,5	38	16 IL..	AL.53	CV.32	CV.34
S20Q SIL 22	20	180	42	15,6	25	22 IL..	AL.55	CV.33	CV.35
S25R SIL 22	25	200	45	18,1	30	22 IL..	AL.55	CV.33	CV.35
S32S SIL 22	32	250	52	21,6	38	22 IL..	AL.55	CV.33	CV.35
S40T SIL 22	40	300	60	25,8	46	22 IL..	AL.55	CV.33	CV.35

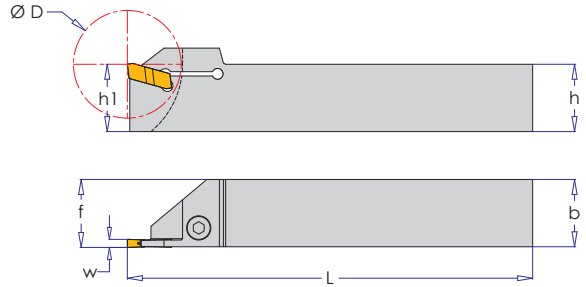
# Parting and Grooving Tools

*Aydoşa*



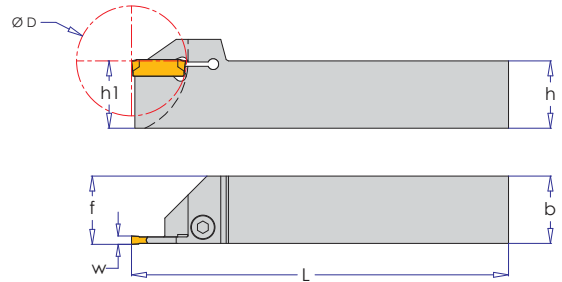


## AGHGR



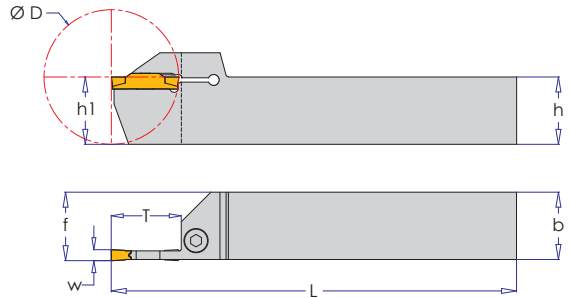
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
AGHGR 2020K 2D35	20	20	125	20	20.4	2	35	-	GI - 2	M5x0.8-25 mm	5.5
AGHGR 2525M 2D35	25	25	150	25	25.4	2	35	-	GI - 2	M5x0.8-25 mm	5.5
AGHGR 2020K 3D40	20	20	125	20	20.25	3	40	-	GI - 3	M5x0.8-25 mm	5.5
AGHGR 2525M 3D40	25	25	150	25	25.25	3	40	-	GI - 3	M5x0.8-25 mm	5.5

## ADGR



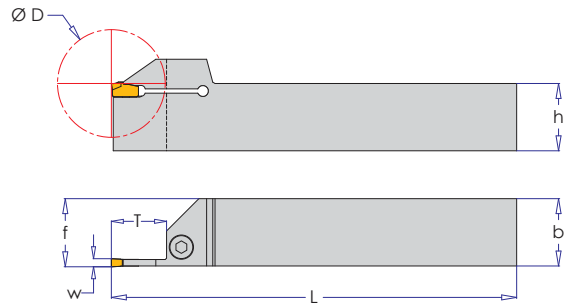
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
ADGR-L 1212 2D32	12	12	140	12	12.2	2	32	-	DG - 2	M5x0.8-16 mm	5.5
ADGR-L 1616 2D32	16	16	140	16	16.2	2	32	-	DG - 2	M5x0.8-16 mm	5.5
ADGR-L 2020 2D35	20	20	140	20	20.2	2	35	-	DG - 2	M5x0.8-25 mm	5.5
ADGR-L 2525 2D35	25	25	140	25	25.2	2	35	-	DG - 2	M5x0.8-25 mm	5.5
ADGR-L 1212 3D35	12	12	140	12	12.35	3	35	-	DG - 3	M5x0.8-16 mm	5.5
ADGR-L 1616 3D35	16	16	140	16	16.35	3	35	-	DG - 3	M5x0.8-16 mm	5.5
ADGR-L 2020 3D40	20	20	140	20	20.35	3	40	-	DG - 3	M5x0.8-25 mm	5.5
ADGR-L 2525 3D40	25	25	140	25	25.35	3	40	-	DG - 3	M5x0.8-25 mm	5.5

## EGPR- S123



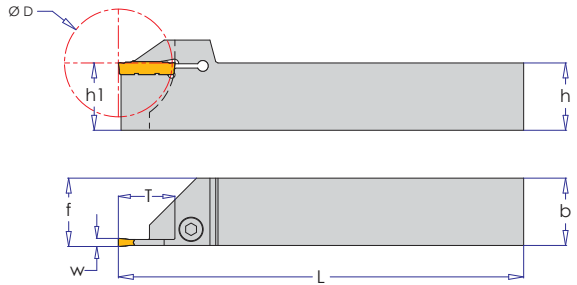
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
EGPR-L 2020K 3D40- S123	20	20	125	20	20.4	3	40	20.5	S123 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D40- S123	25	25	150	25	25.4	3	40	20.5	S123 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 4D50- S123	20	20	125	20	20.45	4	50	26	S123 - 4	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 4D50- S123	25	25	150	25	25.45	4	50	26	S123 - 4	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 5D64- S123	20	20	125	20	20.45	5	64	32.5	S123 - 5	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 5D64- S123	25	25	150	25	25.45	5	64	32.5	S123 - 5	M5x0.8-25 mm	5.5 max.

## EGPR- S151



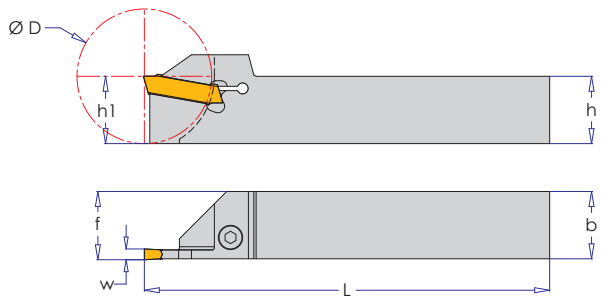
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
EGPR-L 1616H 3D20- S151	16	16	100	16	16.3	3	20	11.5	N151.2.300	M4x0.7-20 mm	3.5 max.
EGPR-L 2020K 3D20- S151	20	20	125	20	20.3	3	20	11.5	N151.2.300	M4x0.7-20 mm	3.5 max.
EGPR-L 2020K 3D40- S151	20	20	125	20	20.3	3	40	20.5	N151.2.300	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D40- S151	25	25	150	25	25.3	3	40	20.5	N151.2.300	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 4D50- S151	20	20	125	20	20.3	4	50	25.5	N151.2.400	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 4D50- S151	25	25	150	25	25.3	4	50	25.5	N151.2.400	M5x0.8-25 mm	5.5 max.

## EGPR- M



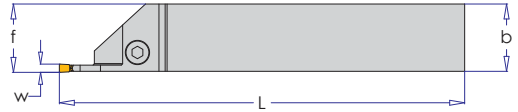
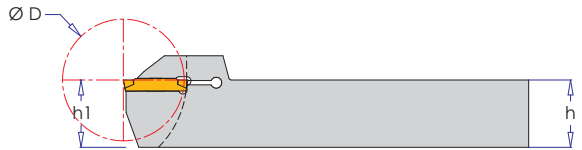
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
EGPR-L 1212K 2D35-M	12	12	125	12	12.2	2	35	-	G - 2	M5x0.8-16 mm	5.5 max.
EGPR-L 1616K 2D35-M	16	16	125	16	16.2	2	35	-	G - 2	M5x0.8-16 mm	5.5 max.
EGPR-L 2020K 2D35-M	20	20	125	20	20.2	2	35	-	G - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 2D35-M	25	25	150	25	25.2	2	35	-	G - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 1212K 3D40-M	12	12	125	12	12.4	3	40	-	G - 3	M5x0.8-16 mm	5.5 max.
EGPR-L 1616K 3D40-M	16	16	125	16	16.4	3	40	-	G - 3	M5x0.8-16 mm	5.5 max.
EGPR-L 2020K 3D40-M	20	20	125	20	20.4	3	40	-	G - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D40-M	25	25	150	25	25.4	3	40	-	G - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 4D50-M	20	20	125	20	20.4	4	50	25.5	G - 4	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 4D50-M	25	25	150	25	25.4	4	50	25.5	G - 4	M5x0.8-25 mm	5.5 max.

## EGPR- HS



Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
EGPR-L 2020M 2D40-HS	20	20	150	20	20.15	2	40	-	29 - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 2D40-HS	25	25	150	25	25.15	2	40	-	29 - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 2020M 3D50-HS	20	20	150	20	20.25	3	50	-	29 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D50-HS	25	25	150	25	25.25	3	50	-	29 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2020M 4D50-HS	20	20	150	20	20.35	4	50	-	29 - 4	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 4D50-HS	25	25	150	25	25.35	4	50	-	29 - 4	M5x0.8-25 mm	5.5 max.

## EGPR- WT



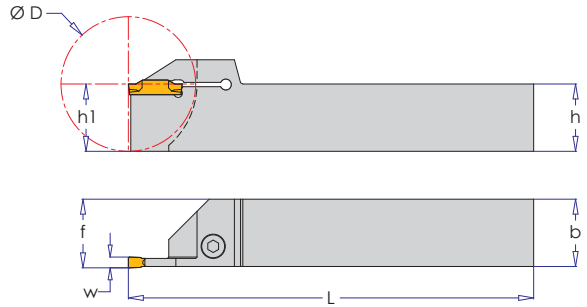
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
EGPR-L 2020K 3D45-WT	20	20	125	20	20.4	3	45	-	GX24-3	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D45-WT	25	25	150	25	25.4	3	45	-	GX24-3	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 4D45-WT	20	20	125	20	20.4	4	45	-	GX24-4	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 4D45-WT	25	25	150	25	25.4	4	45	-	GX24-4	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 5D45-WT	20	20	125	20	20.5	5	45	-	GX24-5	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 5D45-WT	25	25	150	25	25.5	5	45	-	GX24-5	M5x0.8-25 mm	5.5 max.

## EGPR- LM



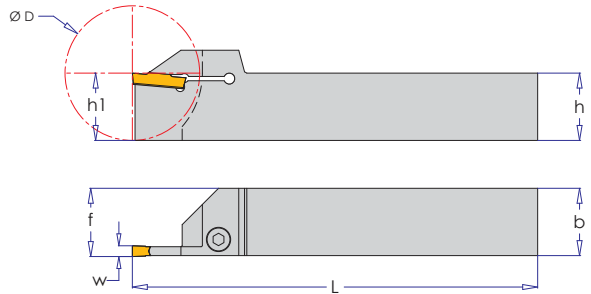
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
EGPR-L 1212K 2D40-LM	12	12	125	12	12.2	2	40	-	GCTX - 2	M5x0.8-20 mm	5.5 max.
EGPR-L 1616K 2D40-LM	16	16	125	16	16.2	2	40	-	GCTX - 2	M5x0.8-20 mm	5.5 max.
EGPR-L 2020K 2D40-LM	20	20	125	20	20.2	2	40	-	GCTX - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 2D40-LM	25	25	150	25	25.2	2	40	-	GCTX - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 1616K 3D40-LM	16	16	125	16	16.3	3	40	20.5	GCTX - 3	M5x0.8-20 mm	5.5 max.
EGPR-L 2020K 3D40-LM	20	20	125	20	20.3	3	40	20.5	GCTX - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D40-LM	25	25	150	25	25.3	3	40	20.5	GCTX - 3	M5x0.8-25 mm	5.5 max.

## EGPR-T3



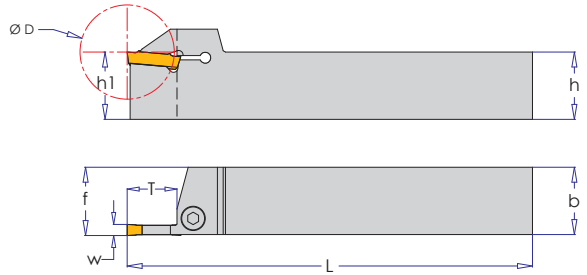
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N·m)
EGPR-L 1616K 2D35-T3	16	16	125	16	16.2	2	35	-	T3 - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 2D35-T3	20	20	125	20	20.2	2	35	-	T3 - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 2D35-T3	25	25	150	25	25.2	2	35	-	T3 - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 1616K 3D40-T3	16	16	125	16	16.35	3	40	-	T3 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 3D40-T3	20	20	125	20	20.35	3	40	-	T3 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D40-T3	25	25	150	25	25.35	3	40	-	T3 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 4D50-T3	20	20	125	20	20.5	4	50	-	T3 - 4	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 4D50-T3	25	25	150	25	25.5	4	50	-	T3 - 4	M5x0.8-25 mm	5.5 max.

## AKGMR



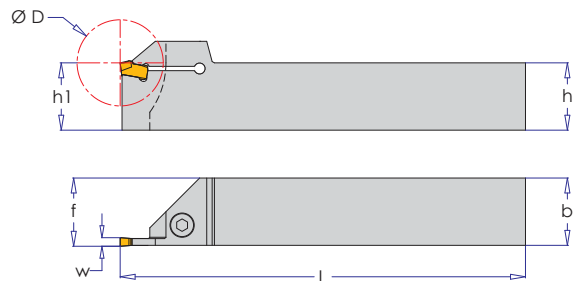
Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N·m)
AKGMR-L 2020K 2D35	20	20	125	20	20.2	2	35	-	GM - 2	M5x0.8-25 mm	5.5 max.
AKGMR-L 2525M 2D35	25	25	150	25	25.2	2	35	-	GM - 2	M5x0.8-25 mm	5.5 max.
AKGMR-L 2020K 3D40	20	20	125	20	20.35	3	40	-	GM - 3	M5x0.8-25 mm	5.5 max.
AKGMR-L 2525M 3D40	25	25	150	25	25.35	3	40	-	GM - 3	M5x0.8-25 mm	5.5 max.
AKGMR-L 2020K 4D50	20	20	125	20	20.35	4	50	-	GM - 4	M5x0.8-25 mm	5.5 max.
AKGMR-L 2525M 4D50	25	25	150	25	25.35	4	50	-	GM - 4	M5x0.8-25 mm	5.5 max.
AKGMR-L 3232P 4D60	32	32	170	32	32.35	4	60	-	GM - 4	M5x0.8-25 mm	5.5 max.

## EGPR-X3



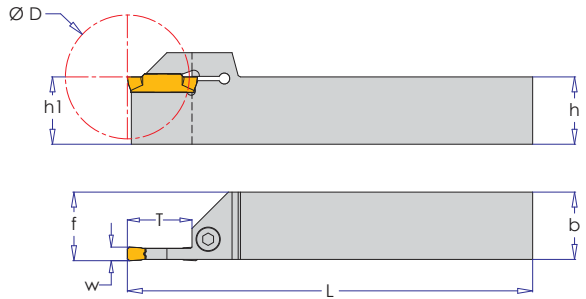
Code No	h	b	L	h <sub>1</sub>	f	w	∅ D	T	Inserts	Screw	Torque(N-m)
EGPR-L 1616K 2D35-X3	16	16	125	16	16.3	2	35	18.5	A4 - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 2D35-X3	20	20	125	20	20.3	2	35	18.5	A4 - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 2D35-X3	25	25	150	25	25.3	2	35	18.5	A4 - 2	M5x0.8-25 mm	5.5 max.
EGPR-L 1616K 3D35-X3	16	16	125	16	16.35	3	35	18.5	A4 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 3D35-X3	20	20	125	20	20.35	3	35	18.5	A4 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D35-X3	25	25	150	25	25.35	3	35	18.5	A4 - 3	M5x0.8-25 mm	5.5 max.
EGPR-L 2020K 4D35-X3	20	20	125	20	20.35	4	35	18.5	A4 - 4	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 4D35-X3	25	25	150	25	25.35	4	35	18.5	A4 - 4	M5x0.8-25 mm	5.5 max.

## EGPR-KN2



Code No	h	b	L	h <sub>1</sub>	f	w	∅ D	T	Inserts	Screw	Torque(N-m)
EGPR-L 2020K 3D32-KN2	20	20	125	20	20.3	3	32	-	A2-3	M5x0.8-25 mm	5.5 max.
EGPR-L 2525M 3D32-KN2	25	25	150	25	25.3	3	32	-	A2-3	M5x0.8-25 mm	5.5 max.

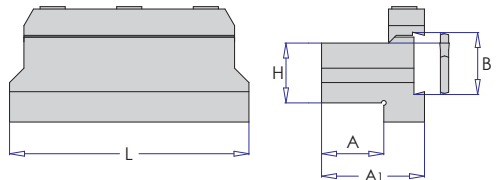
## EGPR-KR



Code No	h	b	L	h1	f	w	Ø D	T	Inserts	Screw	Torque(N-m)
EGPR 1010K 2D20-KR	10	10	125	10	10.2	2	20	-	MGM - 2	M4x0.7-15 mm	3.5 max.
EGPR 1212K 2D25-KR	12	12	125	12	12.2	2	25	-	MGM - 2	M4x0.7-15 mm	3.5 max.
EGPR 1616K 2D30-KR	16	16	125	16	16.2	2	30	15.5	MGM - 2	M5x0.8-15 mm	5.5 max.
EGPR 2020K 2D30-KR	20	20	125	20	20.2	2	30	15.5	MGM - 2	M5x0.8-25 mm	5.5 max.
EGPR 2525M 2D30-KR	25	25	150	25	25.2	2	30	15.5	MGM - 2	M5x0.8-25 mm	5.5 max.
EGPR 1616K 3D40-KR	16	16	125	16	16.3	3	40	20.5	MGM - 3	M5x0.8-15 mm	5.5 max.
EGPR 2020K 3D40-KR	20	20	125	20	20.3	3	40	20.5	MGM - 3	M5x0.8-25 mm	5.5 max.
EGPR 2525M 3D40-KR	25	25	150	25	25.3	3	40	20.5	MGM - 3	M5x0.8-25 mm	5.5 max.
EGPR 3232P 3D40-KR	32	32	170	32	32.3	3	40	20.5	MGM - 3	M5x0.8-25 mm	5.5 max.
EGPR 2020K 4D40-KR	20	20	125	20	20.35	4	40	20.5	MGM - 4	M5x0.8-25 mm	5.5 max.
EGPR 2525M 4D40-KR	25	25	150	25	25.35	4	40	20.5	MGM - 4	M5x0.8-25 mm	5.5 max.
EGPR 3232P 4D40-KR	32	32	170	32	32.35	4	40	20.5	MGM - 4	M5x0.8-25 mm	5.5 max.
EGPR 2020K 5D45-KR	20	20	125	20	20.4	5	47	24	MGM - 5	M5x0.8-25 mm	5.5 max.
EGPR 2525M 5D45-KR	25	25	150	25	25.4	5	47	24	MGM - 5	M5x0.8-25 mm	5.5 max.
EGPR 3232P 5D45-KR	32	32	170	32	32.4	5	47	24	MGM - 5	M5x0.8-25 mm	5.5 max.

## PKLG

### Tool Blocks



Code No	H	A	B	L	A1
PKLG 2020-26	20	20	26	86	44
PKLG 2525-26	25	25	26	100	47
PKLG 2020-32	20	20	32	110	50
PKLG 2525-32	25	25	32	110	50

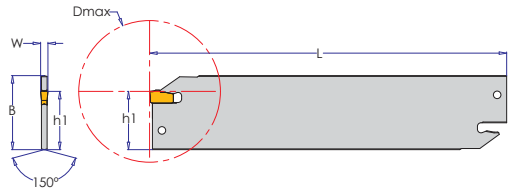
# Parting Tools

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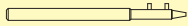




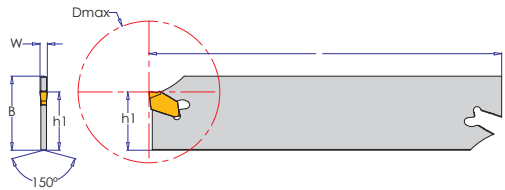
## KL-S151




Code No	W	L	B	h1	ØD	Inserts
KL 323 - S151	3	150	32	25	100	N151.2-300
KL 324 - S151	4	150	32	25	120	N151.2-400
KL 325 - S151	5	150	32	25	120	N151.2-500

Key

LA-1
LA-1
LA-1

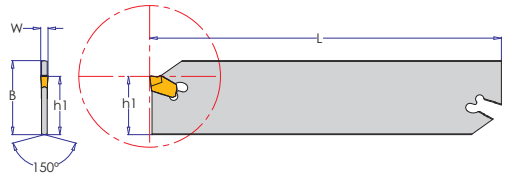
## KL-LFMX




Code No	W	L	B	h1	ØD	Inserts
KL 262-LFMX	2	110	26	21.5	50	LEMX-22
KL 263-LFMX	3	110	26	21.5	75	LFMX-31
KL 264-LFMX	4	110	26	21.5	80	LFMX-41
KL 322-LFMX	2	150	32	25	50	LEMX-22
KL 323-LFMX	3	150	32	25	100	LFMX-31
KL 324-LFMX	4	150	32	25	120	LFMX-41

Key

LA-4
LA-4
LA-4
LA-4
LA-4
LA-4

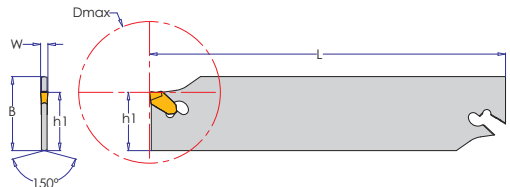
## KL- GTN




Code No	W	L	B	h1	ØD	Inserts
KL 262-GTN	2	110	26	21.5	50	GTN-2
KL 263-GTN	3	110	26	21.5	75	GTN-3
KL 264-GTN	4	110	26	21.5	80	GTN-4
KL 265-GTN	5	110	26	21.5	80	GTN-5
KL 322-GTN	2	150	32	25	50	GTN-2
KL 323-GTN	3	150	32	25	100	GTN-3
KL 324-GTN	4	150	32	25	100	GTN-4
KL 325-GTN	5	150	32	25	120	GTN-5

Key

LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4

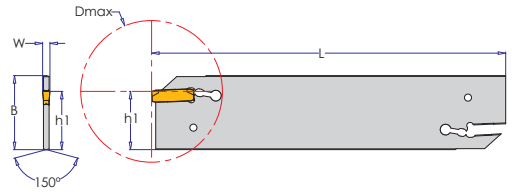
## KL- KGT



Code No	W	L	B	h1	ØD	Inserts
KL 26-2 KGT	2	110	26	21.5	50	KGT-2
KL 26-3 KGT	3	110	26	21.5	75	KGT-3
KL 26-4 KGT	4	110	26	21.5	80	KGT-4
KL 26-5 KGT	5	110	26	21.5	80	KGT-5
KL 32-2 KGT	2	150	32	25	50	KGT-2
KL 32-3 KGT	3	150	32	25	100	KGT-3
KL 32-4 KGT	4	150	32	25	100	KGT-4
KL 32-5 KGT	5	150	32	25	120	KGT-5

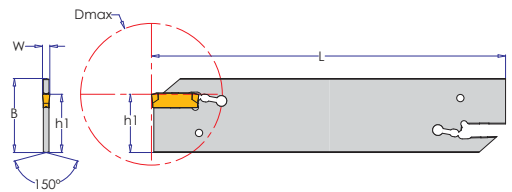
Key

LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4
LA-4

## KL- LM



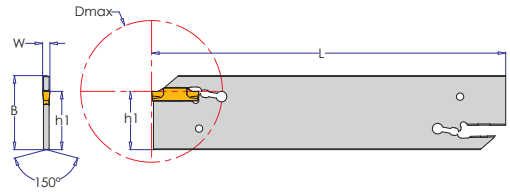
Code No	W	L	B	h1	ØD	Inserts	Key
KL 322LM-K5	2	150	32	25	50	GCTX-2	LA-5
KL 323LM-K5	3	150	32	25	100	GCTX-3	LA-5

## KL- DG



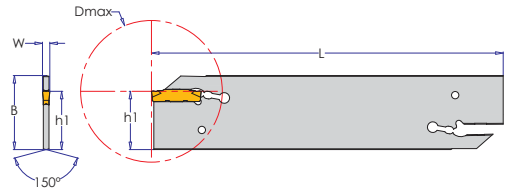
Code No	W	L	B	h1	ØD	Inserts	Key
KL 322DG-K5	2	150	32	25	50	DG-2	LA-5
KL 323DG-K5	3	150	32	25	100	DG-3	LA-5

## KL- T3



Code No	W	L	B	h1	ØD	Inserts	Key
KL 322T3-K5	2	150	32	25	50	T3 - 2	LA-5
KL 323T3-K5	3	150	32	25	100	T3 - 3	LA-5

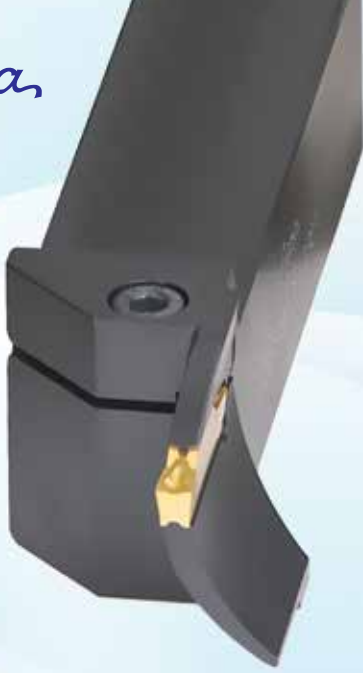
## KL- M



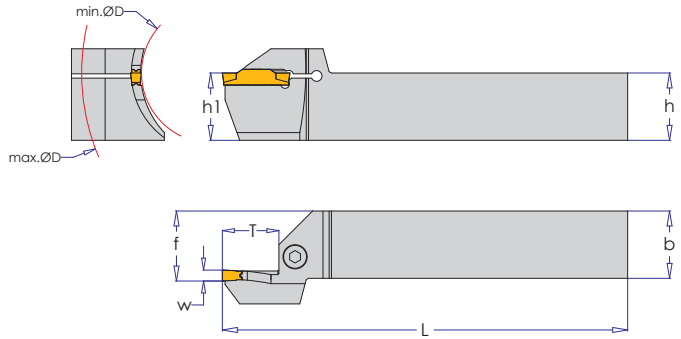
Code No	W	L	B	h1	ØD	Inserts	Key
KL 322M-K5	2	150	32	25	50	GY2-2	LA-5
KL 323M-K5	3	150	32	25	100	GY2-3	LA-5
KL 324M-K5	4	150	32	25	120	GY2-4	LA-5

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# Face Grooving Tools

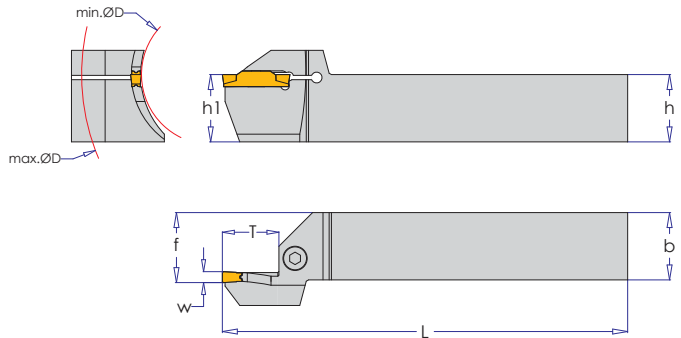


## EFGR-S123



Code No	h	b	L	h1	f	w	min ØD	max ØD	T	Inserts	Screw	Torque(N-m)
EFGR 2525M 4D52-72 S123	25	25	150	25	26	4	52	72	20	S123.4	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D64-100 S123	25	25	150	25	26	4	64	100	25	S123.4	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D92-140 S123	25	25	150	25	26	4	92	140	25	S123.4	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D132-230 S123	25	25	150	25	26	4	132	230	25	S123.4	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D220-500 S123	25	25	150	25	26	4	220	500	25	S123.4	M5x0.8-25 mm	5.5 max.

## EFGR-WT



Code No	h	b	L	h1	f	w	min ØD	max ØD	T	Inserts	Screw	Torque(N-m)
EFGR 2525M 4D40-60.WT	25	25	150	25	26	4	40	60	22	GX24	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D52-72.WT	25	25	150	25	26	4	52	72	25	GX24	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D64-100.WT	25	25	150	25	26	4	64	100	25	GX24	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D92-140.WT	25	25	150	25	26	4	92	140	25	GX24	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D132-230.WT	25	25	150	25	26	4	132	230	25	GX24	M5x0.8-25 mm	5.5 max.
EFGR 2525M 4D220-500.WT	25	25	150	25	26	4	220	500	25	GX24	M5x0.8-25 mm	5.5 max.

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**NOTES :**

Lined area for writing notes, consisting of 20 horizontal lines.

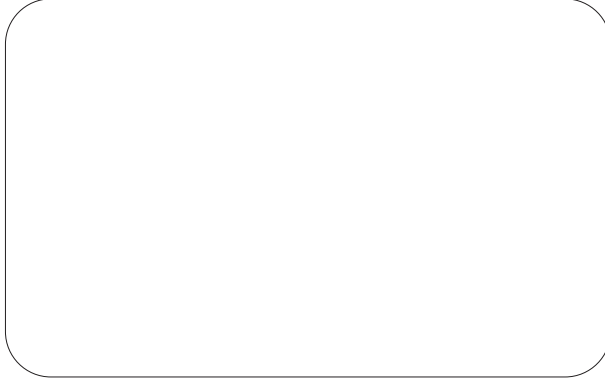








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