

science and technological
innovation lead the future

XiRay
=precision series=
>>> www.xiray-tools.com

PSC Tool Holder Series
-PSC Shank
-PSC Tool Holder

XiRay

JIAXING XIRAY INDUSTRIAL TECHNOLOGY CO., LTD

XiRay
=precision series=

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JIAXING XIRAY INDUSTRIAL TECHNOLOGY CO., LTD

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>>> COMPANY
INTRODUCTION




Established in the year 2000, XiRay has grown with over 200 employees striving to provide our customers with complete tooling solutions for all the manufacturing processes. Now we offer approximately 150000 different types of boring tool system, driven & static tooling for VDI, BMT, HSK, BT, PSC series holders for different type of turning centers, machining centers, grinding machines, and we do lots of special applications. XiRay always build a key to meet every of your requirement! Over the years, we takes "Quality wins the world" as our mission and dedicated to create a world-class brand. And now we have become expert in solving our beloved customers' wide range of manufacturing challenges.

In the principle of "Reduce Cost, Promote Production Efficiency, Improve Product Quality, Shorten Delivery time", our company continuously improves improve products quality and shorten delivery time. With nearly two decades of manufacturing and development expertise, we insist in innovative of technique and excellent of quality to meet different demands. The business objective of XiRay is to provide the market with the most reliable products, with the best price and impeccable service.

























XIRAY

X I R A Y





PSC One-Piece Boring Bar Holder


PCLNR/L-HP  07	DCLNR/L  08	PCLNR/L-M1  09	PDUNR/L-HP  10
DDUNR/L  11	PDUNR/L-M1  12	PSKNR/L-HP  13	PSKNR/L-M1  14
DTFNR/L  15	PTFNR/L-W  16	MVUNR/L  17	PWLNRL/L-HP  18
DWLNRL/L  19	MWLNRL/L  20	SCLCR/L-HP  21	SCLCR/L  22
SDUCR/L-HP  23	SDUCR/L  24	SSKCR  25	STFCR/L-HPB  26
STFCR/L-B  27	SVQBR/L-HP  28	SVQBR/L-B  29	SDUCR/L-X  30
SNR/L  31	PCLNR/L-HP  32	DCMNN  33	DCLNR/L  34

PSC One-Piece Turning Holder

DCRNR/L  35	DCKNR/L  36	PCLNR/L  37	PDJNR/L-HP  38
DDMNR/L  39	DDJNR/L  40	DDNNN  41	DDUNR/L  42
PDJNR/L  43	DRSNR/L  44	PRSCR/L  45	PSSNR/L-HP  46
DSDNN  47	DSRNR/L  48	DSSNR/L  49	PSKNR/L  50
PSRNR/L  51	PSSNR/L  52	PSDNN  53	DTGNR/L  54
DTTNR/L  55	MTJNR/L  56	DVJNR/L  57	MVJNR/L  58
DWLNRL/L  59	MWLNRL/L  60	SCLCR/L-HPA  61	SCLCR/L  62



PSC One-Piece Turning Holder

SCMCN  63	SDJCR/L-HPA  64	SDNCN  65	SRSCR/L-HP  66
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SRDCN-HPA  67	SRSCR/L-HPA  68	SRDCN  69	SRDCN-A  70
--	--	--	--

SRSCR/L  71	STJCR/L  72	SVJBR/L-HP  73	SVHBR/L-HPA  74
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SVJBR/L-HPAB  75	SVHBR/L  76	SVVBN  77	SVMBL  78
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SVSBR/L-HPA  79	R/LFA-E  80	SER/L  81
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Composite Machining Machine PSC Tool Holder

PSC DOBLE SIDE TURNING HOLDER  83	PSC 45DEGREE TURNING HOLDER  83	PSC RADIAL TURNING HOLDER  84	PSC AXIAL TURNING HOLDER  84
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PSC TURNING HOLDER WITH TRIPLE ADAPTER  85	PSC TURNING HOLDER WITH QUAD-INTERCHANGEABLE HEAD  86	PSC TURNING HOLDER WITH TRIPLE INTERCHANGEABLE HEAD  87
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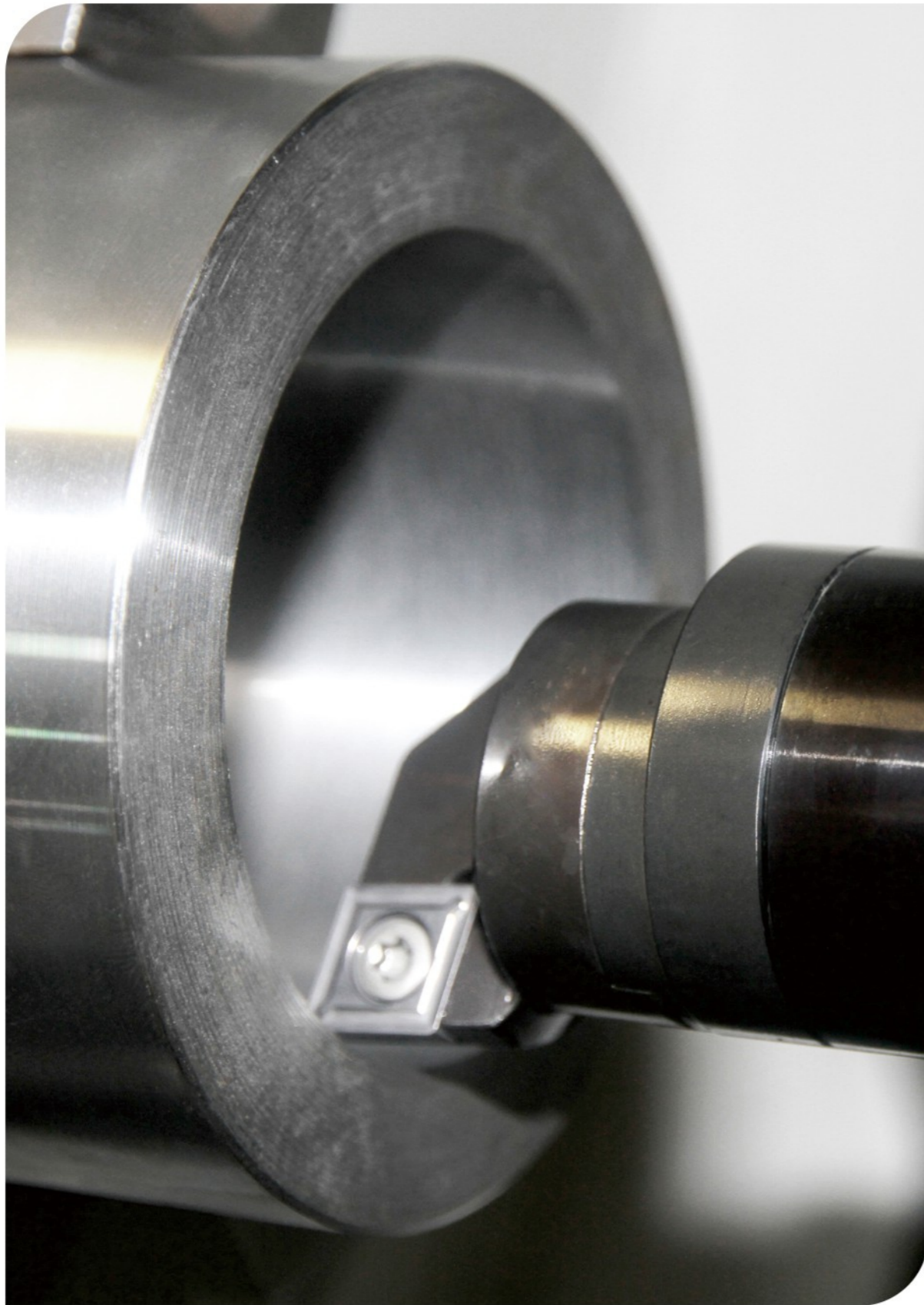
PSC TURNING HOLDER WITH INTERCHANGEABLE HEAD  90

Composite Machining Machine PSC Tool

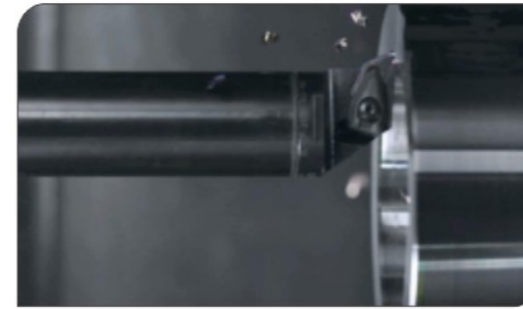
SHRINK FIT HOLDER-PSC SHANK  105	HYDRAULIC HOLDER-PSC SHANK  106	SD COLLET HOLDER-PSC SHANK  107	ER COLLET HODER-PSC SHANK  108
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FMA FACE MILL CUTTER HOLDER -PSC SHANK  109	FMB(C)FACE MILL CUTTER TURNING HOLDERS-PSC SHANK  110	SL SIDE LOCK HOLDER-PSC SHANK  111	EMC POWERFUL MILLHODERS -PSC SHANK  112
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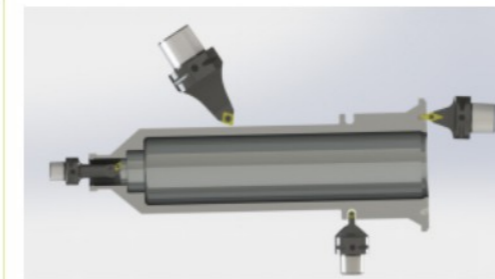
EM SMALL MILLING HEAD HOLDER -PSC SHANK  113	DAMPING BORING HEAD-PSC SHANK  114	ECK BORING HOLDER-PSC SHANK  115
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● Optimization of external turning

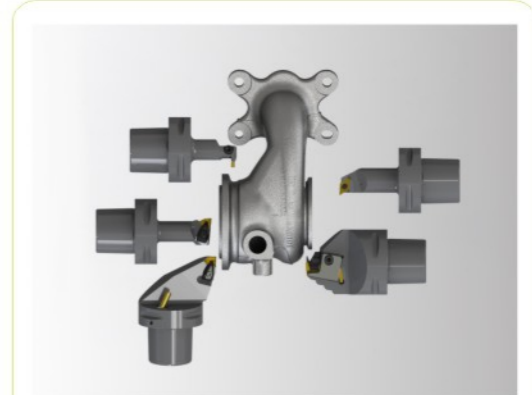


● Used for the external turning and internal drilling of long, narrow parts

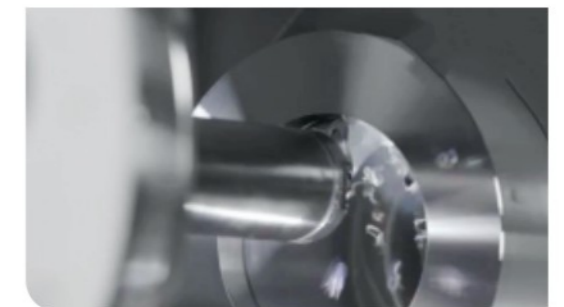


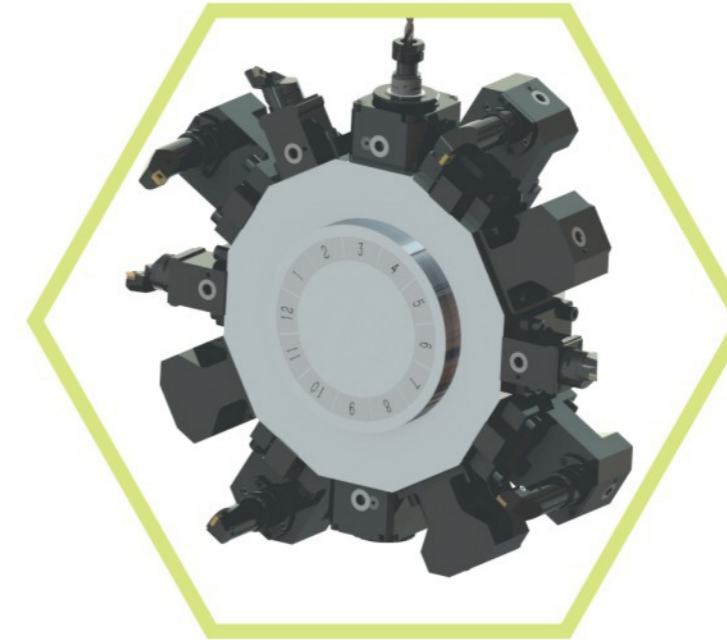
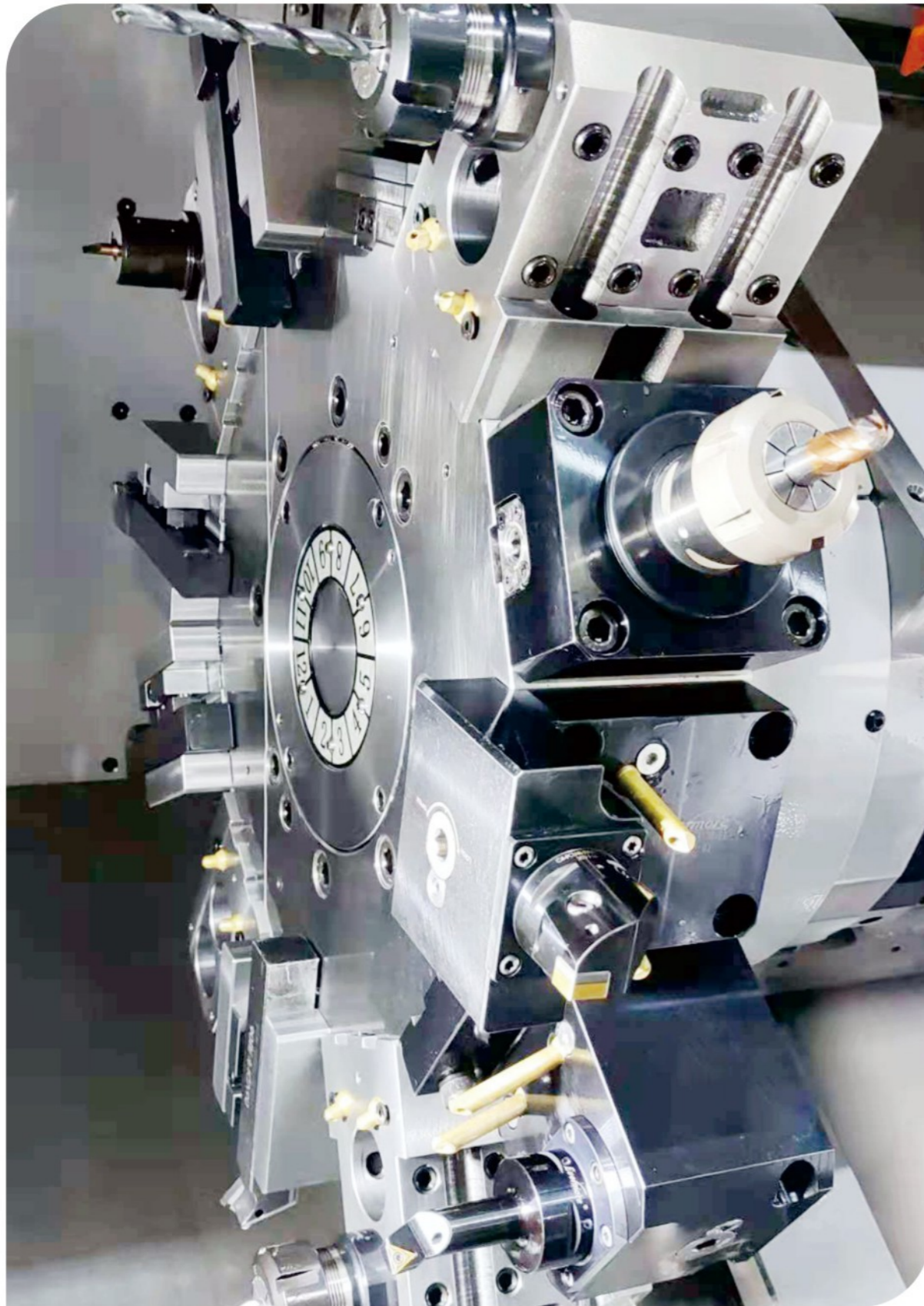
vertical turning
face turning
boring
internal drilling of holes larger than 6mm in diameter
from semi-finishing to finish machining

● Solution for Volute Machining

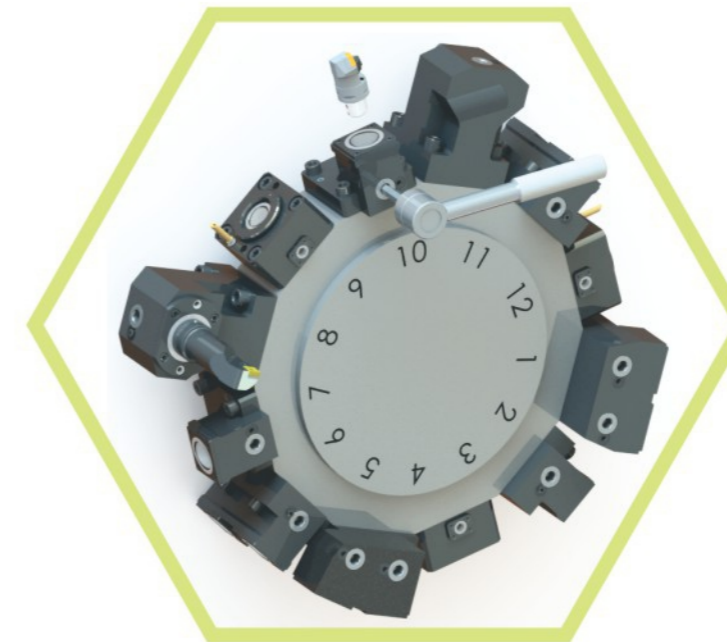


ID turning
OD and face turning
non-standard customized form tool
from semi-finishing to finish machining



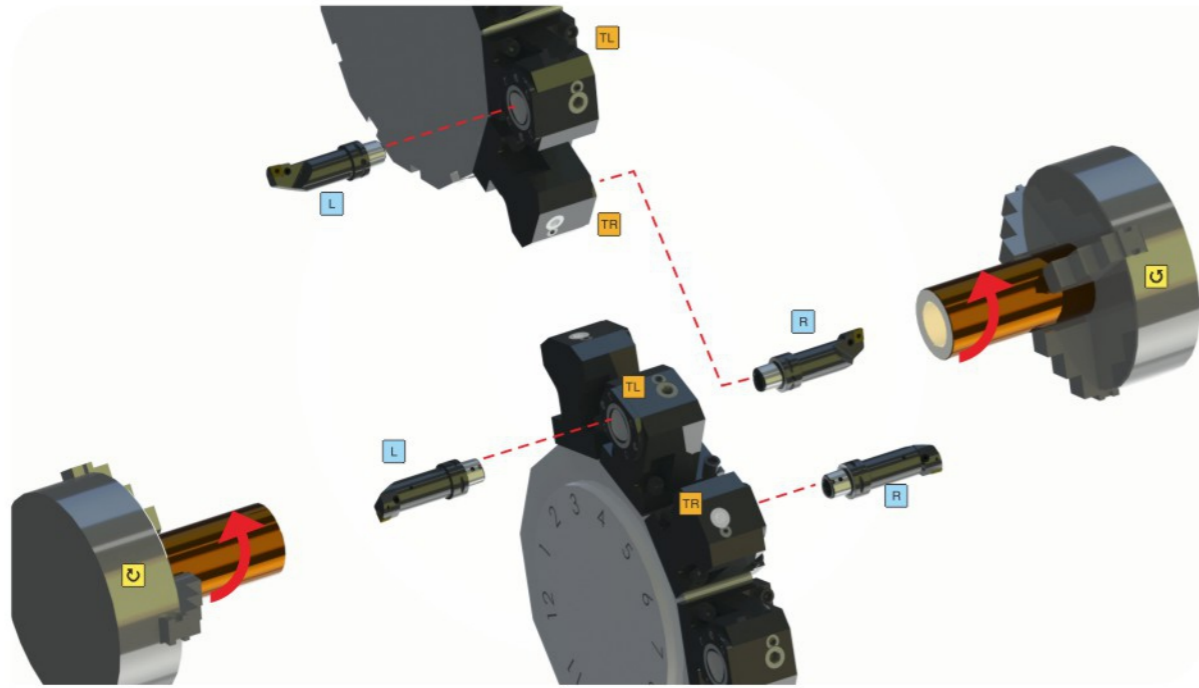


Adapter for the machine locking unit, custom-designed for specific interfaces. By shortening the clamping and production times, the utilization rate of the machine can be greatly increased.



These locking units and power tool holders are custom-designed for specific turret interfaces.

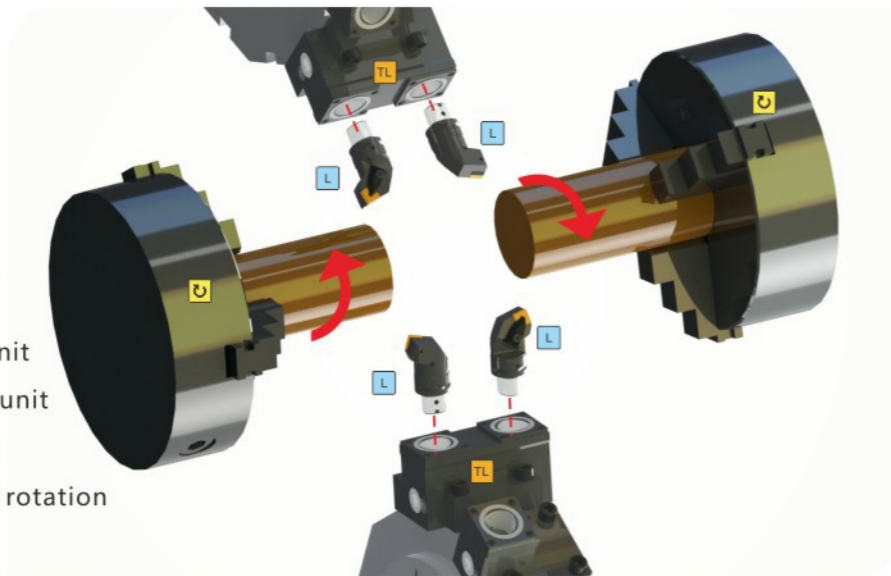
How to choose clamping unit



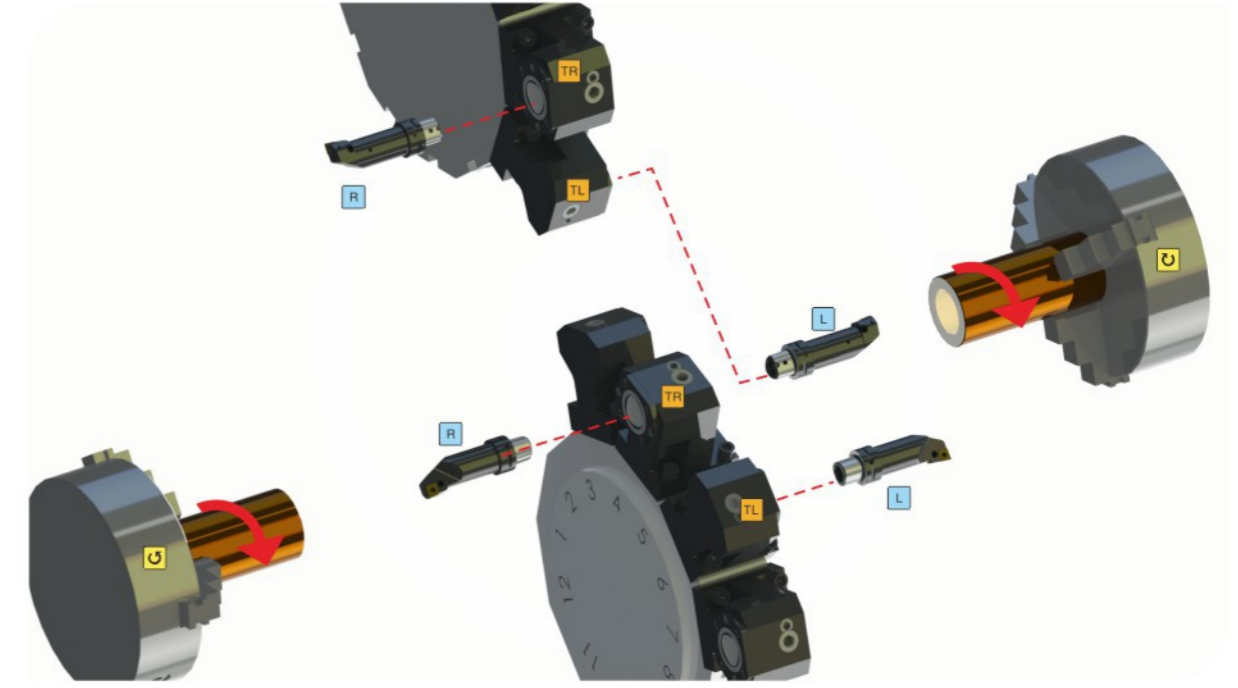
Internal setup ▲

Outer setup ►

- L Left-hand type tool
- R Right-hand type tool
- TL Left-hand type clamping unit
- TR Right-hand type clamping unit
- C Clockwise spindle rotation
- A Counter-clockwise spindle rotation



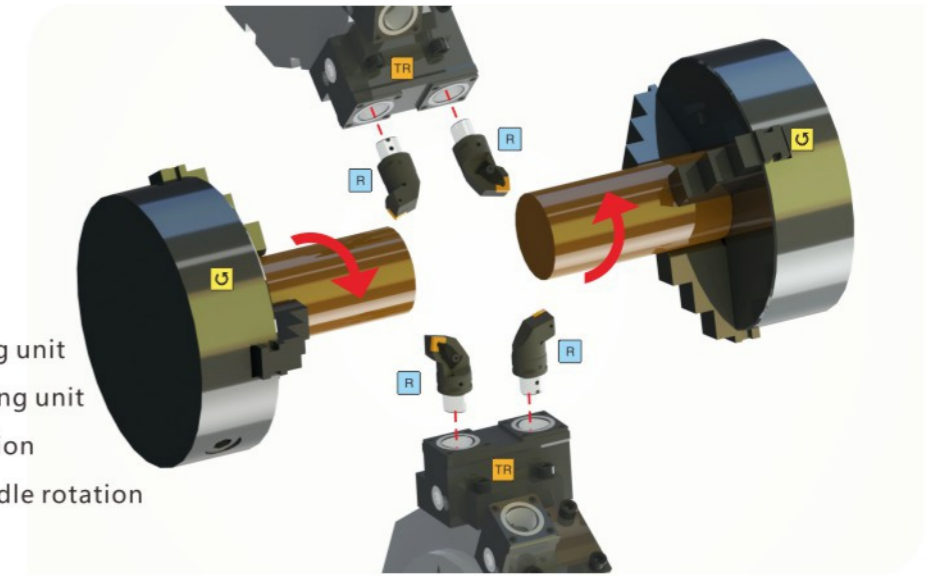
How to choose clamping unit



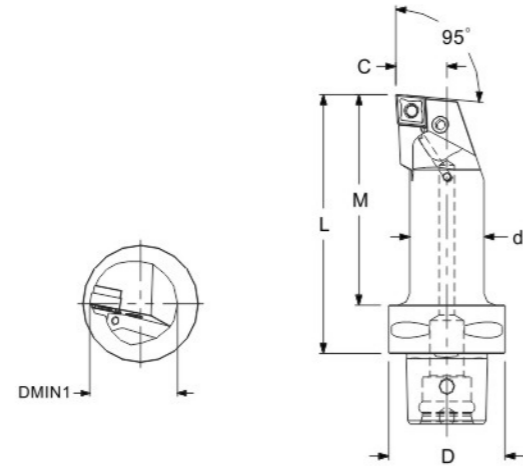
Internal setup ▲

Outer setup ►

- L Left-hand type tool
- R Right-hand type tool
- TL Left-hand type clamping unit
- TR Right-hand type clamping unit
- C Clockwise spindle rotation
- A Counter-clockwise spindle rotation

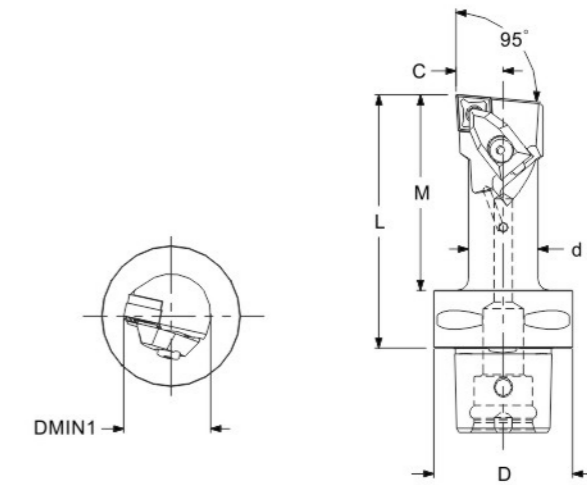


PCLNR/L-HP



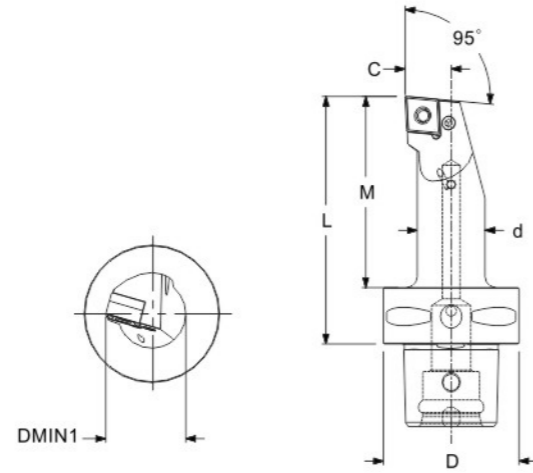
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-PCLNR/L-13080-09HP	40	20	80	13	51.9	25	0.38	CNMG090308
C5-PCLNR/L-13080-09HP	50	20	80	13	50.6	25	0.56	CNMG090308
C3-PCLNR/L-17090-12HP	32	25	90	17	71.8	32	0.34	CNMG120408
C3-PCLNR/L-22064-12HP	32	32	64	22	48	40	0.33	CNMG120408
C3-PCLNR/L-22096-12HP	32	32	96	22	80	40	0.51	CNMG120408
C4-PCLNR/L-17090-12HP	40	25	90	17	63.4	32	0.46	CNMG120408
C4-PCLNR/L-22110-12HP	40	32	110	22	86.6	40	0.71	CNMG120408
C4-PCLNR/L-27080-12HP	40	40	80	27	59	50	0.66	CNMG120408
C4-PCLNR/L-27120-12HP	40	40	120	27	99	50	1.02	CNMG120408
C5-PCLNR/L-17090-12HP	50	25	90	17	61.3	32	0.65	CNMG120408
C5-PCLNR/L-22110-12HP	50	32	110	22	82.2	40	0.89	CNMG120408
C5-PCLNR/L-27140-12HP	50	40	140	27	115.6	50	1.39	CNMG120408
C5-PCLNR/L-35100-12HP	50	50	100	35	79	63	1.32	CNMG120408
C6-PCLNR/L-17100-12HP	63	25	100	17	67.5	32	1.03	CNMG120408
C6-PCLNR/L-22100-12HP	63	32	110	22	78.5	40	1.24	CNMG120408
C5-PCLNR/L-35150-16HP	50	50	150	35	129	63	2.02	CNMG160612
C6-PCLNR/L-27140-16HP	63	40	140	27	109.5	50	1.68	CNMG160612
C6-PCLNR/L-35175-16HP	63	50	175	35	146.7	63	2.71	CNMG160612

DCLNR/L



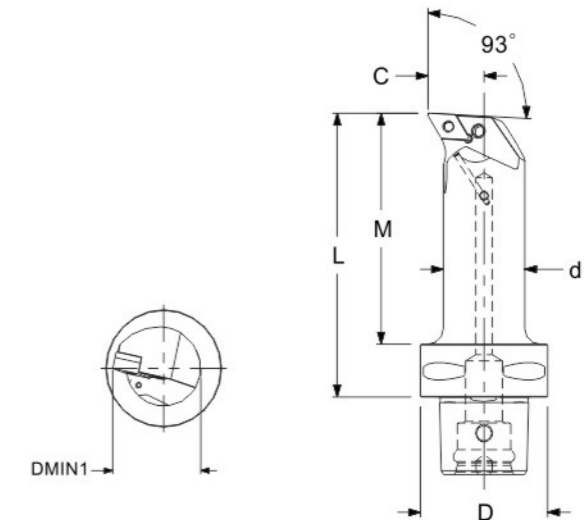
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-DCLNR/L-13080-09	40	20	80	13	57	25	0.33	CNMG090308
C5-DCLNR/L-13080-09	50	20	80	13	56	25	0.6	CNMG090308
C4-DCLNR/L-17090-12	40	25	90	17	68	32	0.46	CNMG120408
C5-DCLNR/L-17090-12	50	25	90	17	66	32	0.64	CNMG120408
C6-DCLNR/L-17090-12	63	25	100	17	72	32	0.9	CNMG120408
C6-DCLNR/L-27140-16	63	40	140	27	114	50	1.7	CNMG160612

PCLNR/L-M1



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-PCLNR/L-13080-09M1	40	20	80	13	52	25	0.38	CNMG090308
C5-PCLNR/L-13080-09M1	50	20	80	13	51	25	0.56	CNMG090308
C3-PCLNR/L-17090-12M1	32	25	90	17	72	32	0.34	CNMG120408
C3-PCLNR/L-22064-12M1	32	32	64	22	48	40	0.33	CNMG120408
C3-PCLNR/L-22096-12M1	32	32	96	22	80	40	0.51	CNMG120408
C4-PCLNR/L-17090-12M1	40	25	90	17	64	32	0.46	CNMG120408
C4-PCLNR/L-22110-12M1	40	32	110	22	87	40	0.71	CNMG120408
C4-PCLNR/L-27080-12M1	40	40	80	27	59	50	0.66	CNMG120408
C4-PCLNR/L-27120-12M1	40	40	120	27	99	50	1.02	CNMG120408
C5-PCLNR/L-17090-12M1	50	25	90	17	61	32	0.65	CNMG120408
C5-PCLNR/L-22110-12M1	50	32	110	22	82	40	0.89	CNMG120408
C5-PCLNR/L-27140-12M1	50	40	140	27	115	50	1.39	CNMG120408
C5-PCLNR/L-35100-12M1	50	50	100	35	79	63	1.32	CNMG120408
C6-PCLNR/L-17100-12M1	63	25	100	17	68	32	1.03	CNMG120408
C6-PCLNR/L-22100-12M1	63	32	110	22	78	40	1.24	CNMG120408
C5-PCLNR/L-35150-16M1	50	50	150	35	129	63	1.32	CNMG160612
C6-PCLNR/L-27140-16M1	63	40	140	27	110	50	1.68	CNMG160612
C6-PCLNR/L-35175-16M1	63	50	175	35	147	63	2.71	CNMG160612

PDUNR/L-HP



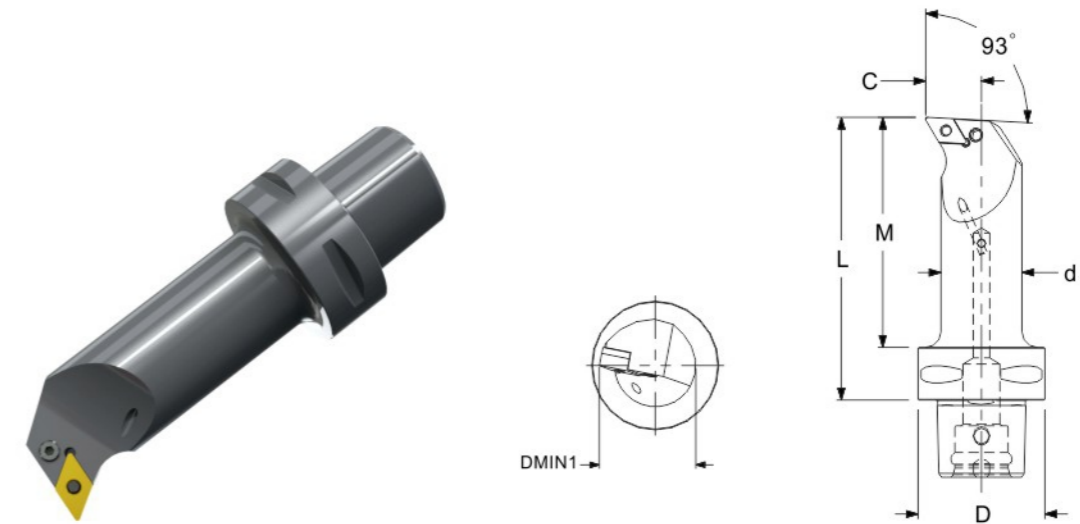
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C3-PDUNR/L-17090-11HP	32	25	90	17	71.8	32	0.34	DNMG110408
C4-PDUNR/L-17090-11HP	40	25	90	17	63.4	32	0.45	DNMG110408
C4-PDUNR/L-22110-11HP	40	32	110	22	86.6	40	0.72	DNMG110408
C5-PDUNR/L-17090-11HP	50	25	90	17	61.3	32	0.65	DNMG110408
C5-PDUNR/L-22110-11HP	50	32	110	22	82.2	40	0.9	DNMG110408
C6-PDUNR/L-17100-11HP	63	25	100	17	67.5	32	1.04	DNMG110408
C4-PDUNR/L-27080-15HP	40	40	90	27	59	50	0.65	DNMG150608
C4-PDUNR/L-27120-15HP	40	40	120	27	99	50	1	DNMG150608
C5-PDUNR/L-27140-15HP	50	40	140	27	115.6	50	1.38	DNMG150608
C5-PDUNR/L-35100-15HP	50	50	100	35	79	63	1.35	DNMG150608
C5-PDUNR/L-35150-15HP	50	50	150	35	129	63	2.07	DNMG150608
C6-PDUNR/L-22110-15HP	63	32	110	22	78.5	40	1.23	DNMG150608
C6-PDUNR/L-27140-15HP	63	40	140	27	109.5	50	1.71	DNMG150608
C6-PDUNR/L-35175-15HP	63	50	175	35	146.7	63	2.77	DNMG150608

DDUNR/L



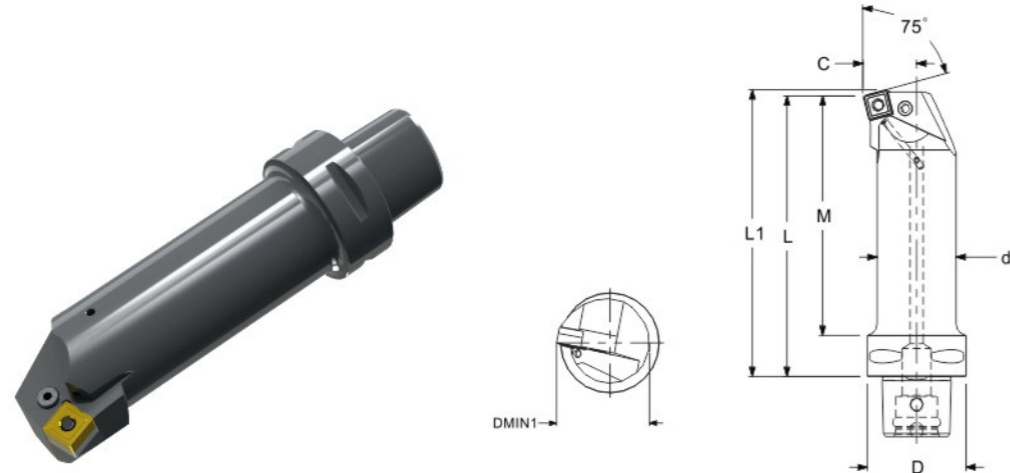
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-DDUNR/L-17090-11	40	25	90	17	68	32	0.46	DNMG110408
C5-DDUNR/L-17090-11	50	25	90	17	66	32	0.64	DNMG110408
C4-DDUNR/L-27080-15	40	39.7	80	27	59	50	0.64	DNMG150608
C5-DDUNR/L-27140-15	50	40	140	27	118	50	1.3	DNMG150608
C6-DDUNR/L-27140-15	63	40	140	27	114	50	1.69	DNMG150608

PDUNR/L-M1



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C3-PDUNR/L-17090-11M1	32	25	90	17	72	32	0.46	DNMG110408
C4-PDUNR/L-17090-11M1	40	25	90	17	63	32	0.46	DNMG110408
C4-PDUNR/L-22110-11M1	40	32	110	22	87	40	0.71	DNMG110408
C5-PDUNR/L-17090-11M1	50	25	90	17	61	32	0.65	DNMG110408
C5-PDUNR/L-22110-11M1	50	32	110	22	82	40	0.89	DNMG110408
C6-PDUNR/L-17110-11M1	63	25	100	17	67	32	1.03	DNMG110408
C4-PDUNR/L-27080-15M1	40	40	80	27	59	50	0.64	DNMG150608
C4-PDUNR/L-27120-15M1	40	40	120	27	99	50	0.99	DNMG150608
C5-PDUNR/L-27140-15M1	50	40	140	27	115	50	1.37	DNMG150608
C5-PDUNR/L-35100-15M1	50	50	100	35	79	63	1.32	DNMG150608
C5-PDUNR/L-35150-15M1	50	50	150	35	129	63	2.04	DNMG150608
C6-PDUNR/L-22110-15M1	63	32	110	22	78	40	1.22	DNMG150608
C6-PDUNR/L-27140-15M1	63	40	140	27	110	50	1.7	DNMG150608
C6-PDUNR/L-35175-15M1	63	50	175	35	147	63	2.74	DNMG150608

PSKNR/L-HP



Order Code	D	d	L	L1	C	M	DMIN1	Kg	Insert Type
C4-PSKNR/L-17090-12HP	40	25	90	93.1	17	63.4	32	0.47	SNMG120408
C4-PSKNR/L-22110-12HP	40	32	110	113.1	22	86.6	40	0.73	SNMG120408
C5-PSKNR/L-17090-12HP	50	25	90	93.1	17	61.3	32	0.66	SNMG120408
C5-PSKNR/L-22110-12HP	50	32	110	113.1	22	82.2	40	0.92	SNMG120408
C5-PSKNR/L-27140-12HP	50	40	140	143.1	27	115.6	50	1.42	SNMG120408
C6-PSKNR/L-22110-12HP	63	32	110	113.1	22	78.5	40	1.26	SNMG120408
C6-PSKNR/L-35175-15HP	63	50	175	178.8	35	146.7	63	2.81	SNMG150608

PSKNR/L-M1



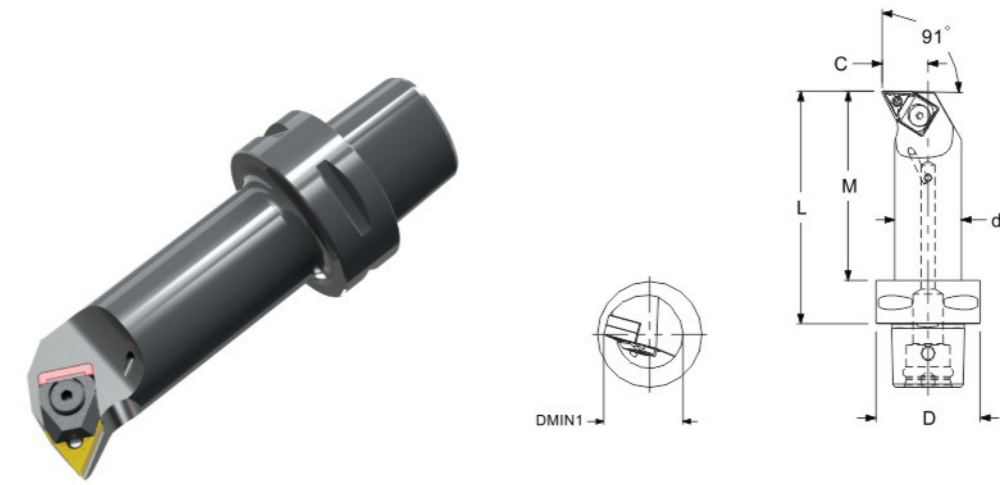
Order Code	D	d	L	L1	C	M	DMIN1	Kg	Insert Type
C4-PSKNL-22110-12M1	40	32	110	113.1	22	87	40	0.72	SNMG120408
C4-PSKNR-17090-12M1	40	25	90	93.1	17	63	32	0.47	SNMG120408
C5-PSKNR/L-27140-12M1	50	40	140	143.1	27	116	50	1.4	SNMG120408
C5-PSKNR-17090-12M1	50	25	90	93.1	17	61	32	0.66	SNMG120408
C5-PSKNR-22110-12M1	50	32	110	113.1	22	82	40	0.9	SNMG120408
C6-PSKNR-22110-12M1	63	32	110	113.1	22	78	40	1.25	SNMG120408
C6-PSKNR/L-35175-15M1	63	50	175	178.8	35	147	63	2.76	SNMG150608

DTFNR/L



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-DTFNR/L-17090-16	40	25	90	17	68	32	0.55	TNMG160408
C5-DTFNR/L-17090-16	50	25	90	17	66	32	0.55	TNMG160408

PTFNR/L-W



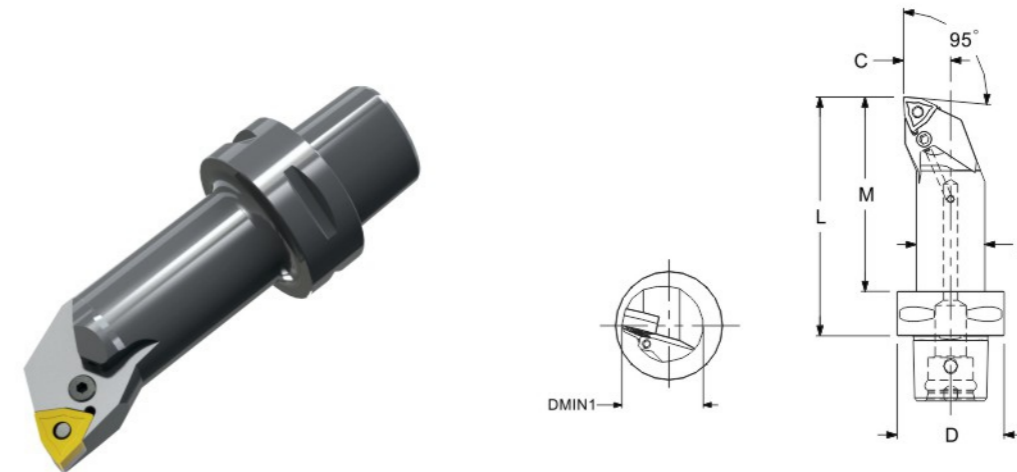
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C3-PTFNR-17090-16W	32	25	90	17	75	32	0.34	TNMG160408
C4-PTFNR/L-17090-16W	40	25	90	17	69	32	0.45	TNMG160408
C4-PTFNR/L-22110-16W	40	32	110	22	89	40	0.69	TNMG160408
C4-PTFNR/L-27120-16W	40	40	120	27	100	50	0.8	TNMG160408
C5-PTFNR/L-17090-16W	50	25	90	17	67	32	0.65	TNMG160408
C5-PTFNR/L-22110-16W	50	32	110	22	88	40	0.87	TNMG160408
C5-PTFNR/L-27140-16W	50	40	140	27	119	50	1.34	TNMG160408
C6-PTFNR/L-22110-16W	63	32	110	22	84	40	1.4	TNMG160408
C6-PTFNR/L-27140-16W	63	40	140	27	115	50	1.7	TNMG160408
C5-PTFNR-27140-22W	50	40	140	27	119	50	1.34	TNMG220408
C6-PTFNR/L-27140-22W	63	40	140	27	115	50	1.7	TNMG220408
C6-PTFNR/L-35175-22W	63	50	175	35	152	63	2.7	TNMG220408

MVUNR/L



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-MVUNR/L-27120-16	40	40	120	27	100	50	0.5	VNMG160408
C5-MVUNR/L-27140-16	50	40	140	27	119	50	0.65	VNMG160408
C5-MVUNR/L-35150-16	50	50	150	35	131	63	0.65	VNMG160408
C6-MVUNL-22120-16	63	32	120	22	94	40	1.2	VNMG160408
C6-MVUNR-35175-16	63	50	175	35	152	63	1.7	VNMG160408

PWLNR/L-HP



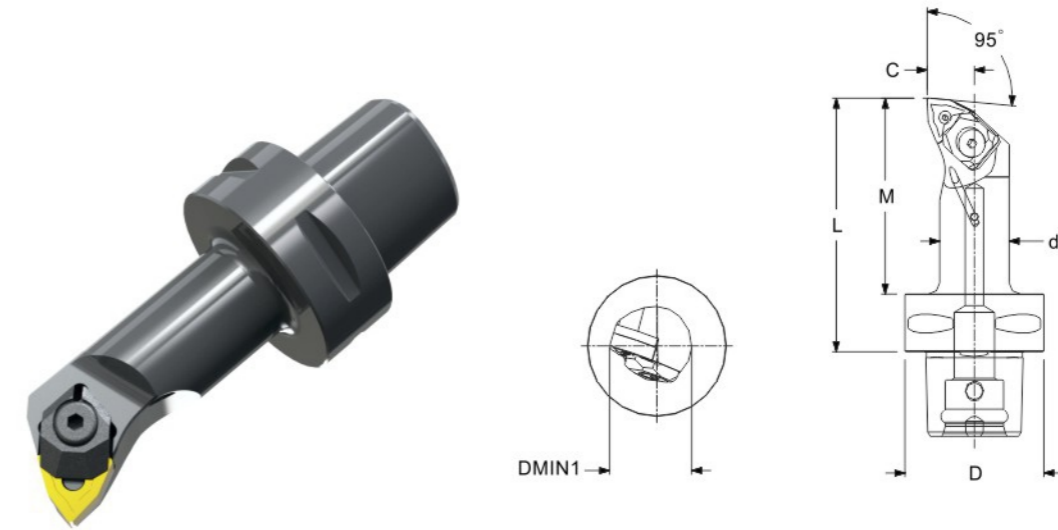
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-PWLNR/L-17090-08HP	40	25	90	17	63.4	32	0.46	WNMG080408
C5-PWLNR/L-22110-08HP	50	32	110	22	82.2	40	0.88	WNMG080408

DWLNR/L



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-DWLNR/L-13075-06	40	20	75	13	52	27	0.33	WNMG060408
C4-DWLNR/L-07090-08	40	25	90	17	68	33	0.46	WNMG080408
C5-DWLNR/L-17090-08	50	25	90	17	66	33	0.55	WNMG080408

MWLNR/L



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C3-MWLNR/L-13075-06	32	20	75	13	59	25	0.3	WNMG060408
C4-MWLNR/L-13075-06	40	20	75	13	53	25	0.5	WNMG060408
C4-MWLNR/L-17090-06M1	40	25	90	17	69	32	0.5	WNMG060408
C4-MWLNR/L-17090-08	40	25	90	17	69	32	0.5	WNMG080408
C4-MWLNR/L-22110-08	40	32	110	22	89	40	0.5	WNMG080408
C4-MWLNR/L-27120-08	40	40	120	27	100	50	0.5	WNMG080408
C5-MWLNR/L-17090-08	50	25	90	17	67	32	0.65	WNMG080408
C5-MWLNR/L-22110-08	50	32	110	22	88	40	0.65	WNMG080408
C5-MWLNR/L-27120-08	50	40	140	27	119	50	0.65	WNMG080408

SCLCR/L-HP



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C3-SCLCR/L-11065-09HP	32	16	65	11	48	21.5	0.17	CCMT09T308
C4-SCLCR/L-11070-09HP	40	16	70	11	47	21.5	0.35	CCMT09T308
C4-SCLCR/L-13080-09HP	40	20	80	13	57	25	0.35	CCMT09T308
C5-SCLCR/L-11070-09HP	50	16	70	11	46	21.5	0.5	CCMT09T308
C5-SCLCR/L-13080-09HP	50	20	80	13	56	25	0.5	CCMT09T308
C4-SCLCR/L-17090-12HP	40	25	90	17	69	32	0.35	CCMT120408
C5-SCLCR/L-17090-12HP	50	25	90	17	67	32	0.5	CCMT120408

SCLCR/L



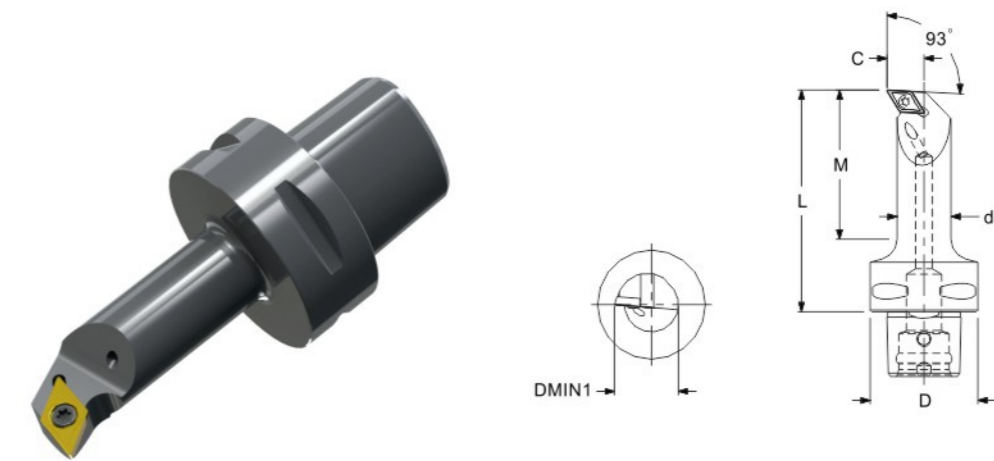
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C3-SCLCL-17090-09	32	25	90	17	74	32	0.3	CCMT09T308
C3-SCLCR/L-11065-09	32	16	65	11	48	20	0.3	CCMT09T308
C3-SCLCR/L-13075-09	32	20	75	13	58	25	0.3	CCMT09T308
C4-SCLCR/L-11070-09	40	16	70	11	47	20	0.5	CCMT09T308
C4-SCLCR/L-13080-09	40	20	80	13	57	25	0.5	CCMT09T308
C4-SCLCR/L-17090-09	40	25	90	17	68	32	0.5	CCMT09T308
C4-SCLCR/L-27080-09	40	40	80	27	60	50	0.5	CCMT09T308
C5-SCLCR/L-11070-09	50	16	70	11	46	20	0.65	CCMT09T308
C5-SCLCR/L-13080-09	50	20	80	13	56	25	0.65	CCMT09T308
C5-SCLCR/L-17090-09	50	25	90	17	67	32	0.65	CCMT09T308
C5-SCLCR-35100-09	50	50	100	35	80	63	0.65	CCMT09T308
C3-SCLCR-17090-12	32	25	90	17	74	32	0.3	CCMT120408
C3-SCLCR-22096-12	32	32	96	22	81	40	0.3	CCMT120408
C4-SCLCR/L-17090-12	40	25	90	17	68	32	0.5	CCMT120408
C4-SCLCR/L-22110-12	40	32	110	22	89	40	0.5	CCMT120408
C4-SCLCR/L-27080-12	40	40	80	27	60	50	0.5	CCMT120408
C5-SCLCR/L-17090-12	50	25	90	17	67	32	0.65	CCMT120408
C5-SCLCR/L-22110-12	50	32	110	22	88	40	0.65	CCMT120408
C5-SCLCR/L-27140-12	50	40	140	27	119	50	0.65	CCMT120408
C5-SCLCR-35110-12	50	50	100	35	80	63	0.65	CCMT120408

SDUCR/L-HP



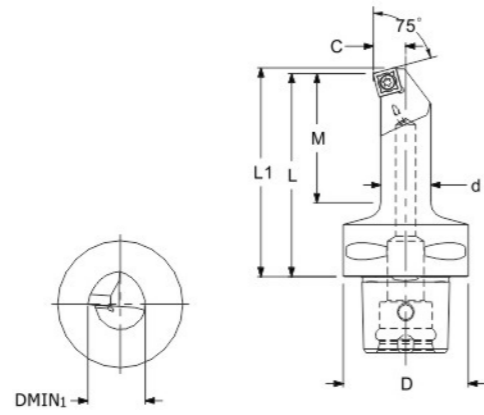
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-SDUCR/L-13080-07HP	40	20	80	13	58	25	0.35	DCMT070204
C5-SDUCR/L-13080-07HP	50	20	80	13	56	25	0.5	DCMT070204
C4-SDUCR/L-13080-11HP	40	20	80	13	58	25	0.35	DCMT11T308
C4-SDUCR/L-17090-11HP	40	25	90	17	69	32	0.35	DCMT11T308
C5-SDUCR/L-13080-11HP	50	20	80	13	56	25	0.5	DCMT11T308
C5-SDUCR/L-17090-11HP	50	25	90	17	67	32	0.5	DCMT11T308

SDUCR/L



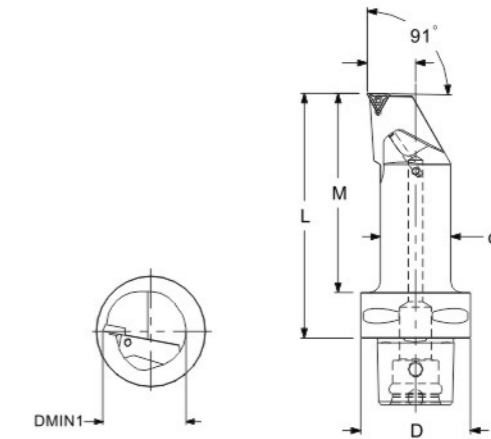
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C3-SDUCR/L-11065-07	32	16	65	11	48	20	0.3	DCMT070204
C4-SDUCR/L-11070-07	40	16	70	11	47	20	0.5	DCMT070204
C5-SDUCR/L-11070-07	50	16	70	11	46	20	0.65	DCMT070204
C3-SDUCR/L-13075-11	32	20	75	13	58	25	0.3	DCMT11T308
C3-SDUCR/L-17090-11	32	25	90	17	73	32	0.3	DCMT11T308
C3-SDUCR/L-22096-11	32	32	96	22	81	40	0.3	DCMT11T308
C4-SDUCR/L-13080-11	40	20	80	13	57	25	0.5	DCMT11T308
C4-SDUCR/L-17090-11	40	25	90	17	68	32	0.5	DCMT11T308
C4-SDUCR/L-22110-11	40	32	110	22	89	40	0.5	DCMT11T308
C4-SDUCR/L-27080-11	40	40	80	27	60	50	0.5	DCMT11T308
C5-SDUCR/L-13080-11	50	20	80	13	56	25	0.65	DCMT11T308
C5-SDUCR/L-17090-11	50	25	90	17	67	32	0.65	DCMT11T308
C5-SDUCR/L-22110-11	50	32	110	22	88	40	0.65	DCMT11T308
C5-SDUCR/L-35100-11	50	50	100	35	80	63	0.65	DCMT11T308

SSKCR



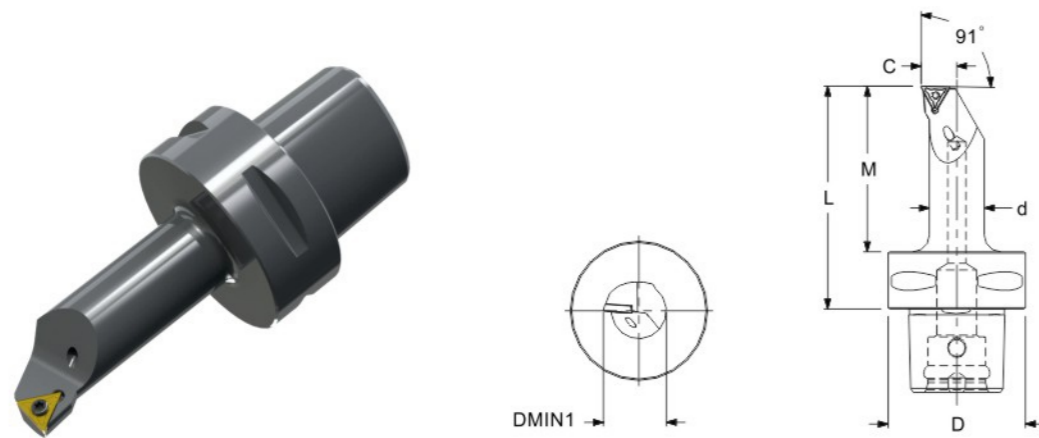
Order Code	D	d	L	L1	C	M	DMIN1	Kg	Insert Type
C4-SSKCR-13080-09	40	20	80	82.2	13	58	25	0.36	SCMT09T308
C5-SSKCR-13080-09	50	20	80	82.2	13	56	25	0.54	SCMT09T308

STFCR/L-HPB



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-STFCR/L-11070-11HPB1	40	16	70	11	47	20	0.35	TCMT110304
C4-STFCR/L-13080-11HPB1	40	20	80	13	57	25	0.35	TCMT110304
C4-STFCR/L-17090-16HP	40	25	90	17	69	32	0.35	TCMT16T308
C5-STFCR/L-17090-16HP	50	25	90	17	67	32	0.5	TCMT16T308
C5-STFCR/L-22110-16HP	50	32	110	22	88	40	0.5	TCMT16T308

STFCR/L-B



Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C3-STFCR/L-11065-11-B1	32	16	65	11	48	20	0.15	TCMT110304
C3-STFCR/L-11065-11	32	16	65	11	48	20	0.15	TCMT110204
C4-STFCR/L-11070-11	40	16	70	11	47	20	0.31	TCMT110204
C4-STFCR/L-11070-11-B1	40	16	70	11	47	20	0.34	TCMT110304
C4-STFCR/L-13080-11	40	20	80	13	57	25	0.36	TCMT110204
C4-STFCR/L-13080-11-B1	40	20	80	13	57	25	0.36	TCMT110304
C5-STFCR/L-11070-11-B1	50	16	70	11	46	20	0.45	TCMT110304
C5-STFCR/L-13080-11-B1	50	20	80	13	56	25	0.54	TCMT110304
C5-STFCR-11070-11	50	16	70	11	46	20	0.45	TCMT110204
C5-STFCR-13080-11	50	20	80	13	56	25	0.54	TCMT110204
C3-STFCR-17090-16	32	25	90	17	74	32	0.34	TCMT16T308
C4-STFCR/L-17090-16	40	25	90	17	68	32	0.45	TCMT16T308
C4-STFCR/L-22110-16	40	32	110	22	89	40	0.69	TCMT16T308
C5-STFCR/L-17090-16	50	25	90	17	67	32	0.65	TCMT16T308
C5-STFCR/L-22110-16	50	32	110	22	88	40	0.87	TCMT16T308

SVQBR/L-HP



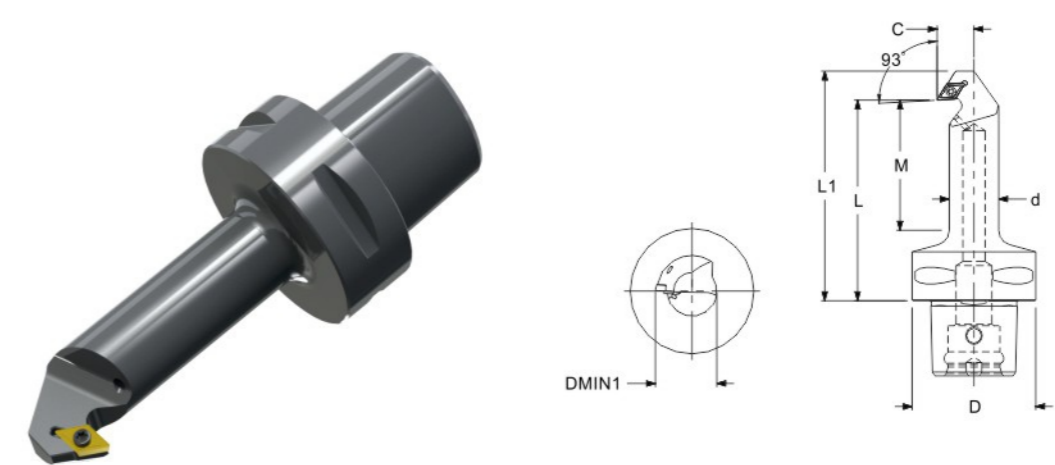
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C4-SVQBR/L-13070-11HPB1	40	20	70	13	47	25	0.35	VBMT110304
C4-SVQBR/L-18090-16HP	40	25	90	18	68	33	0.35	VBMT160408
C5-SVQBR/L-18090-16HP	50	25	90	18	67	33	0.5	VBMT160408
C6-SVQBR/L-22120-16HP	63	32	120	22	94	40	1.25	VBMT160408

SVQBR/L-B



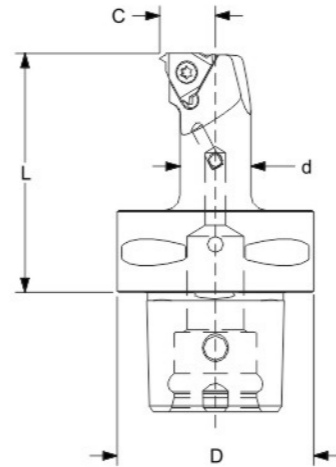
Order Code	D	d	L	C	M	DMIN1	Kg	Insert Type
C3-SVQBR/L-13070-11-B1	32	16	70	13	53	22	0.3	VBMT110304
C4-SVQBR-15080-11-B1	32	20	80	15	63	27	0.3	VBMT110304
C4-SVQBR/L-13070-11-B1	40	20	70	13	47	25	0.5	VBMT110304
C4-SVQBR/L-15080-11-B1	40	20	80	15	57	27	0.5	VBMT110304
C4-SVQBR-13070-11	40	20	70	15	48	25	0.5	VBMT110204
C4-SVQBR-15080-11	40	20	80	13	58	27	0.5	VBMT110204
C5-SVQBR/L-15080-11	50	20	80	15	57	27	0.65	VBMT110204
C5-SVQBR/L-15080-11-B1	50	20	80	15	56	27	0.65	VBMT110304

SDUCR/L-X



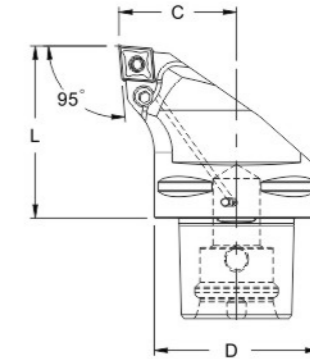
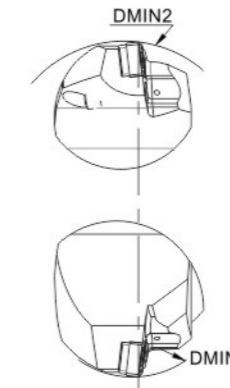
Order Code	D	d	L	L1	C	M	DMIN1	Kg	Insert Type
C3-SDUCR-15080-07X	32	20	80	91.5	15	63.9	27	0.25	DCMT070204
C4-SDUCR/L-13070-07X	40	16	70	81.5	13	47.3	22	0.35	DCMT070204
C4-SDUCR/L-15080-07X	40	20	80	91.5	15	47.9	27	0.4	DCMT070204
C4-SDUCR/L-18090-07X	40	25	90	101.5	18	68.5	32	0.5	DCMT070204
C5-SDUCR/L-15080-07X	50	20	80	91.5	15	56.5	27	0.6	DCMT070204
C5-SDUCR/L-18090-07X	50	25	90	101.5	18	67.2	32	0.7	DCMT070204

SNR/L



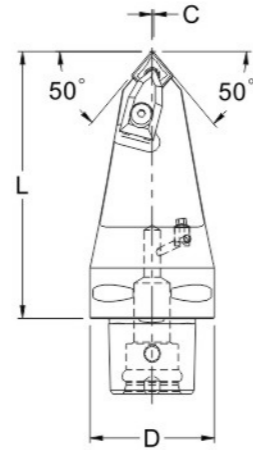
Order Code	D	d	L	C	Kg	Insert Type
C3-SNR/L-08060-11	32	13	60	8	0.24	11IR ISO(0.35-2.0)
C3-SNR/L-12060-11	32	13	60	12	0.24	11IR ISO(0.35-2.0)
C4-SNR/L-08060-11	40	13	60	8	0.3	11IR ISO(0.35-2.0)
C4-SNR/L-12060-11	40	13	60	12	0.3	11IR ISO(0.35-2.0)
C5-SNR/L-08060-11	50	13	60	8	0.33	11IR ISO(0.35-2.0)
C5-SNR/L-12060-11	50	13	60	12	0.33	11IR ISO(0.35-2.0)
C6-SNR/L-08060-11	63	13	60	8	0.4	11IR ISO(0.35-2.0)
C6-SNR/L-12060-11	63	13	60	12	0.4	11IR ISO(0.35-2.0)
C3-SNR/L-12050-16	32	15	50	12	0.21	16IR ISO
C3-SNR/L-14060-16	32	18	60	14	0.24	16IR ISO
C4-SNR/L-12060-16	40	15	60	12	0.55	16IR ISO
C4-SNR/L-14060-16	40	18	60	14	0.51	16IR ISO
C4-SNR/L-17070-16	40	24	70	17	0.52	16IR ISO
C4-SNR/L-22090-16	40	32	90	22	0.52	16IR ISO
C5-SNR/L-12060-16	50	15	60	12	0.55	16IR ISO
C5-SNR/L-14060-16	50	18	60	14	0.55	16IR ISO
C5-SNR/L-17070-16	50	24	70	17	0.55	16IR ISO
C5-SNR/L-22090-16	50	32	90	22	0.55	16IR ISO
C5-SNR/L-27105-16	50	40	105	27	0.55	16IR ISO
C6-SNR/L-14070-16	63	18	70	14	0.55	16IR ISO
C6-SNR/L-17070-16	63	24	70	17	0.55	16IR ISO
C6-SNR/L-22090-16	63	32	90	22	1.1	16IR ISO
C6-SNR/L-27105-16	63	40	105	27	1.35	16IR ISO

PCLNR/L-HP



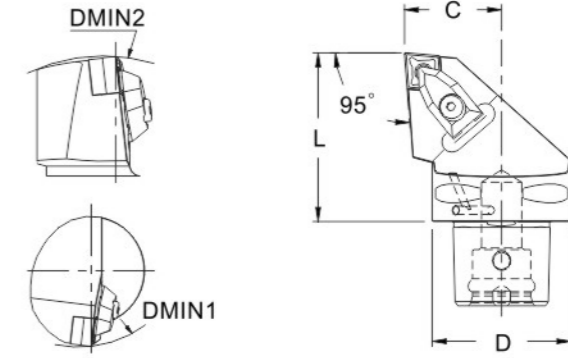
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-PCLNR/L-27050-12HP	40	50	27	110	140	0.34	CNMG120408
C5-PCLNR/L-35060-12HP	50	60	35	110	165	0.71	CNMG120408
C6-PCLNR/L-45065-12HP	63	65	45	110	195	1.1	CNMG120408
C5-PCLNR/L-35060-16HP	50	60	35	125	165	0.76	CNMG160612
C6-PCLNR/L-45065-16HP	63	65	45	110	195	1.25	CNMG160612
C6-PCLNR/L-45065-19HP	63	65	45	110	195	1.25	CNMG190612

DCMNN



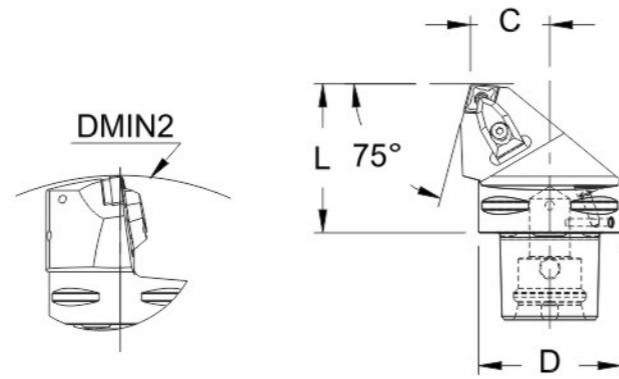
Order Code	D	L	C	Kg	Insert Type
C5-DCMNN-00105-12	50	105	0	1.09	CNMG120408
C6-DCMNN-00090-12	63	90	0	1.3	CNMG120408
C6-DCMNN-00115-12	63	115	0	1.7	CNMG120408
C6-DCMNN-00090-16	63	90	0	1.3	CNMG160612

DCLNR/L



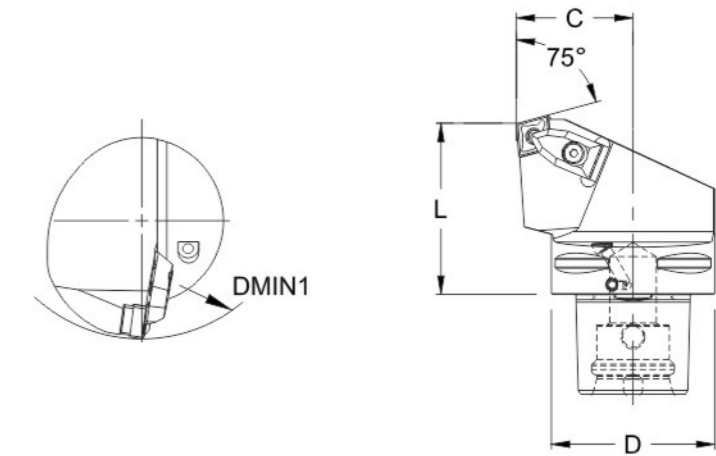
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-DCLNR/L-27050-09	40	50	27	60	140	0.33	CNMG090308
C3-DCLNR/L-22045-12	32	45	22	60	121	0.26	CNMG120408
C4-DCLNR/L-27050-12	40	50	27	110	140	0.33	CNMG120408
C5-DCLNR/L-35060-12	50	60	35	110	165	0.87	CNMG120408
C6-DCLNR/L-45065-12	63	65	45	110	190	1.31	CNMG120408
C4-DCLNR/L-27055-16	40	55	27	125	145	0.46	CNMG160612
C5-DCLNR/L-35060-16	50	60	35	125	165	0.71	CNMG160612
C6-DCLNR/L-45065-16	63	65	45	125	190	1.31	CNMG160612
C5-DCLNR/L-35060-19	50	60	35	80	165	0.87	CNMG190612
C6-DCLNR/L-45065-19	63	65	45	81	190	1.31	CNMG190612

DCRNR/L



Order Code	D	L	C	DMIN2	Kg	Insert Type
C4-DCRNR/L-22050-12	40	50	22	10	0.46	CNMG120408
C5-DCRNR/L-27060-12	50	60	27	10	0.87	CNMG120408
C6-DCRNR/L-35065-12	63	65	35	10	1.3	CNMG120408
C5-DCRNR/L-27060-16	50	60	27	10	0.71	CNMG160612
C6-DCRNR/L-35065-16	63	65	35	10	1.3	CNMG160612
C5-DCRNR/L-27060-19	50	60	27	10	0.71	CNMG190612
C6-DCRNR/L-35065-19	63	65	35	10	1.3	CNMG190612

DCKNR/L



Order Code	D	L	C	DMIN1	Kg	Insert Type
C4-DCKNR/L-27050-12	40	50	27	110	0.49	CNMG120408
C5-DCKNR/L-35060-12	50	60	35	110	0.85	CNMG120408
C6-DCKNR/L-45065-12	63	65	45	110	1.31	CNMG120408
C5-DCKNR/L-35060-16	50	60	35	125	0.85	CNMG160612
C6-DCKNR/L-45065-16	63	65	45	125	1.31	CNMG160612
C6-DCKNR/L-45065-19	63	65	45	81	1.31	CNMG190612

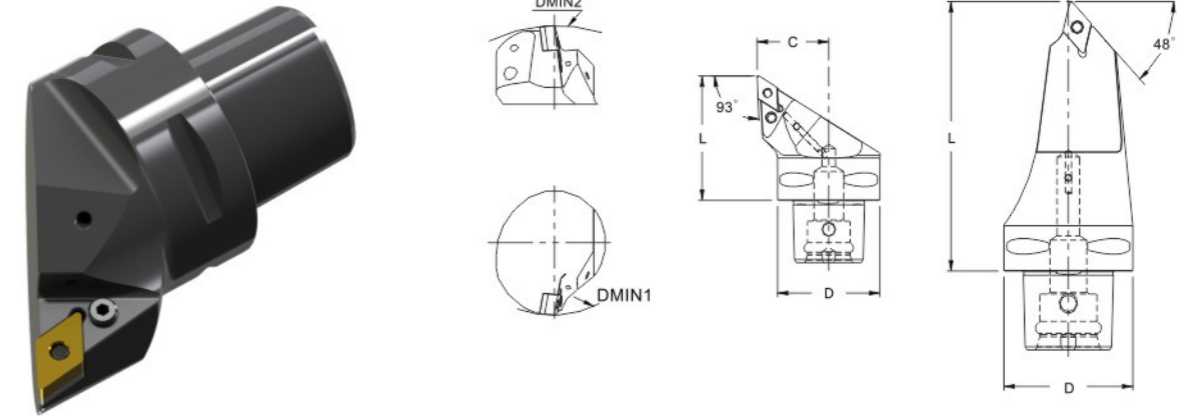
PCLNR/L



Order Code	D	L	C	Kg	Insert Type
C3-PCLNR/L-22040-12	32	40	22	0.23	CNMG120408
C4-PCLNR/L-27050-12	40	50	27	0.46	CNMG120408
C5-PCLNR/L-35060-12	50	60	35	0.88	CNMG120408
C6-PCLNR/L-45065-12	63	65	45	1.7	CNMG120408
C4-PCLNR/L-27050-16	40	50	27	0.46	CNMG160612
C5-PCLNR/L-35065-16	50	60	35	0.88	CNMG160612
C6-PCLNR/L-45065-16	63	65	45	1.3	CNMG160612
C5-PCLNR/L-35060-19	50	60	35	0.88	CNMG190612
C6-PCLNR/L-45065-19	63	65	45	1.3	CNMG190612
C5-PCLNR/L-27060-12	50	60	27	0.85	CNMG120408
C6-PCLNR/L-35065-12	63	65	35	1.36	CNMG120408
C5-PCLNR/L-27060-16	50	60	27	0.85	CNMG160612
C6-PCLNR/L-35065-16	63	65	35	1.35	CNMG160612
C5-PCLNR/L-27060-19	50	60	27	0.85	CNMG190612
C6-PCLNR/L-35065-19	63	65	35	1.35	CNMG190612

PDJNR/L-HP

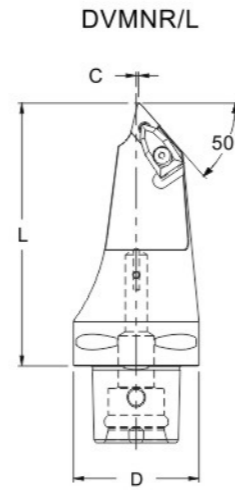
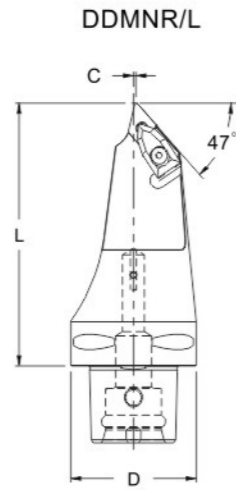
PDMNR/L-HP



Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-PDJNR/L-27050-11HP	40	50	27	90	145	0.3	DNMG110408
C5-PDJNR/L-35060-11HP	50	60	35	110	165	0.7	DNMG110408
C4-PDJNR/L-27050-15HP	40	55	27	65	145	0.4	DNMG150608
C5-PDJNR/L-35060-1504HP	50	60	35	70	165	0.73	DNMG150608
C5-PDJNR/L-35060-15HP	50	60	35	65	165	0.7	DNMG150608
C6-PDJNR/L-45065-1504HP	63	65	45	95	195	1.2	DNMG150608
C6-PDJNR/L-45065-15HP	63	65	45	95	195	1.1	DNMG150608
C6-PDMNR/L-00130-15HP	63	130	0.6	--	--	1.7	DNMG150608

DDMNR/L

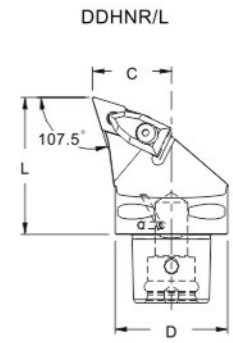
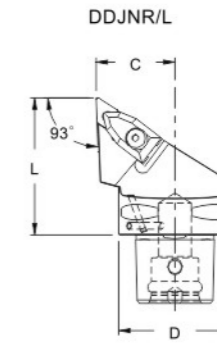
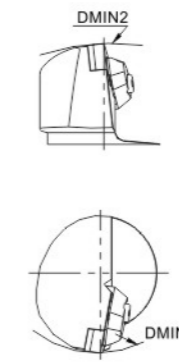
DVMNR/L



Order Code	D	L	C	Kg	Insert Type
C4-DDMNL-00115-15	50	115	1	1.08	DNMG150608
C6-DDMNL-00130-15	63	130	1	1.69	DNMG150608
C6-DDMNL-00130-1504	63	130	1	1.69	DNMG150408
C6-DDMNL-33120-15	63	120	33	2.3	DNMG150608
C6-DDMNL-33120-1504	63	120	33	2.3	DNMG150608

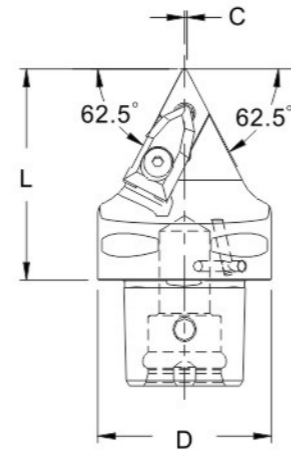
DDJNR/L

DDHNR/L



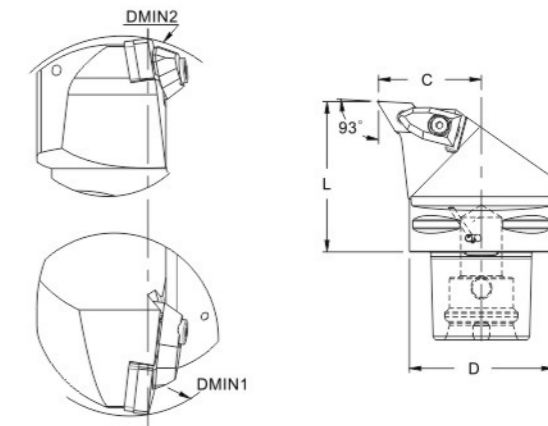
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C3-DDJNR/L-22045-11	32	45	22	60	121	0.22	DNMG110408
C4-DDJNR/L-27050-11	40	50	27	60	140	0.33	DNMG110408
C5-DDJNR/L-35060-11	50	60	35	65	165	0.7	DNMG110408
C6-DDJNR/L-45065-11	63	65	45	110	190	1.1	DNMG110408
C4-DDJNR/L-27050-15	40	55	27	110	145	0.46	DNMG150608
C4-DDJNR/L-27050-1504	40	55	27	110	145	0.46	DNMG150408
C5-DDJNR/L-35060-15	50	60	35	110	165	0.7	DNMG150608
C5-DDJNR/L-35060-1504	50	60	35	110	165	0.7	DNMG150408
C6-DDJNR/L-45065-15	63	65	45	110	190	1.1	DNMG150608
C6-DDJNR/L-45065-1504	63	65	45	110	190	1.1	DNMG150408
C4-DDHNR/L-27055-15	40	55	27	110	145	0.45	DNMG150608
C4-DDHNR/L-27055-1504	40	55	27	110	145	0.45	DNMG150408
C5-DDHNR/L-35060-15	50	60	35	110	165	0.7	DNMG150608
C5-DDHNR/L-35060-1504	50	60	35	110	165	0.7	DNMG150408
C6-DDHNR/L-45065-15	63	65	45	110	190	1.1	DNMG150608
C6-DDHNR/L-45065-1504	63	65	45	110	190	1.1	DNMG150408

DDNNN



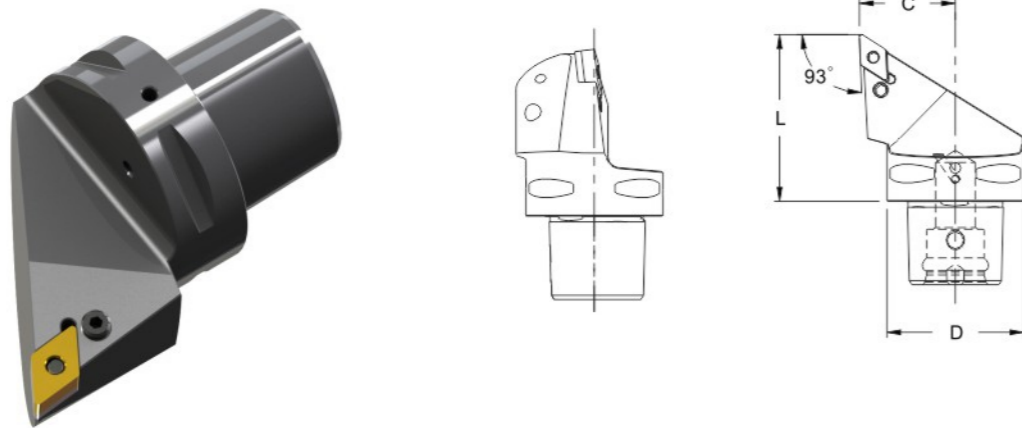
Order Code	D	L	C	Kg	Insert Type
C4-DDNNN-00050-11	40	50	0.5	0.33	DNMG110408
C5-DDNNN-00060-11	50	60	0.5	0.63	DNMG110408
C4-DDNNN-00050-15	40	55	0.5	0.33	DNMG150608
C4-DDNNN-00050-1504	40	55	0.5	0.33	DNMG150408
C5-DDNNN-00060-15	50	60	0.5	0.55	DNMG150608
C5-DDNNN-00060-1504	50	60	0.5	0.55	DNMG150408
C6-DDNNN-00065-15	63	65	0.5	1.1	DNMG150608
C6-DDNNN-00065-1504	63	65	0.5	1.1	DNMG150408

DDUNR/L



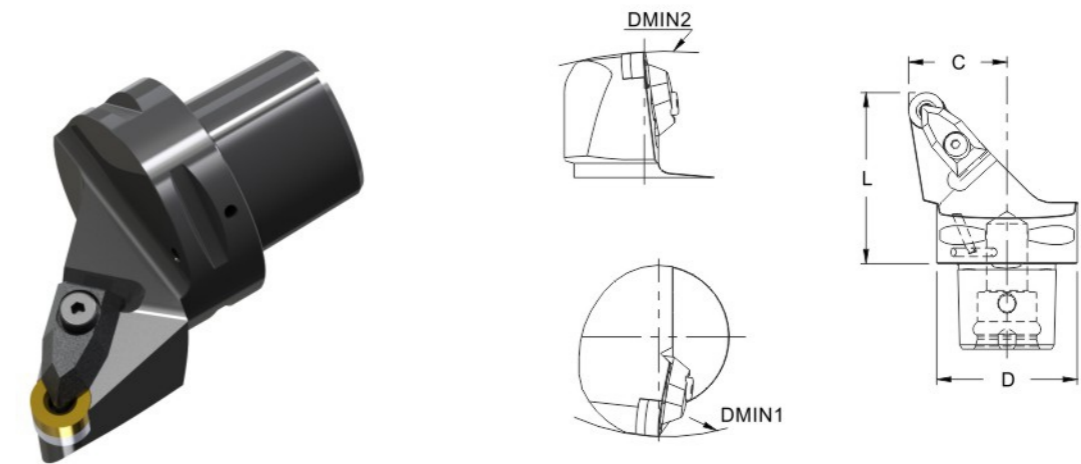
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-DDUNR/L-27050-15	40	50	27	110	140	0.45	DNMG150608
C4-DDUNR/L-27050-1504	40	50	27	110	140	0.45	DNMG150408
C5-DDUNR/L-35060-15	50	60	35	110	165	0.7	DNMG150608
C5-DDUNR/L-27050-1504	50	60	35	110	165	0.7	DNMG150408
C6-DDUNR/L-45065-15	63	65	45	110	190	1.3	DNMG150608
C6-DDUNR/L-45065-1504	63	65	45	110	190	1.3	DNMG150408

PDJNR/L



Order Code	D	L	C	Kg	Insert Type
C3-PDJNR/L-22045-11	32	45	22	0.13	DNMG110408
C4-PDJNR/L-27050-11	40	50	27	0.49	DNMG110408
C5-PDJNR/L-35060-11	50	60	35	0.55	DNMG110408
C6-PDJNR/L-45065-11	63	65	45	1.1	DNMG110408
C4-PDJNR/L-27050-15	40	55	27	0.34	DNMG150608
C5-PDJNR/L-35060-15	50	60	35	0.55	DNMG150608
C6-PDJNR/L-45065-15	63	65	45	1.35	DNMG150608

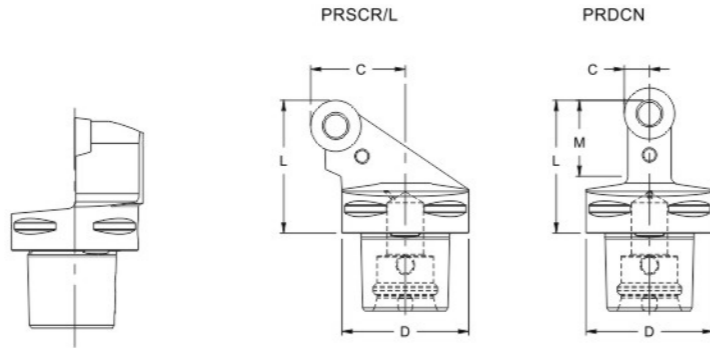
DRSNR/L



Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-DRSNR/L-27050-12	40	50	27	110	140	0.33	RNMG120400
C4-DRSNR/L-35060-12	50	60	35	110	165	0.7	RNMG120400
C5-DRSNR/L-45065-12	63	65	45	110	190	1.1	RNMG120400

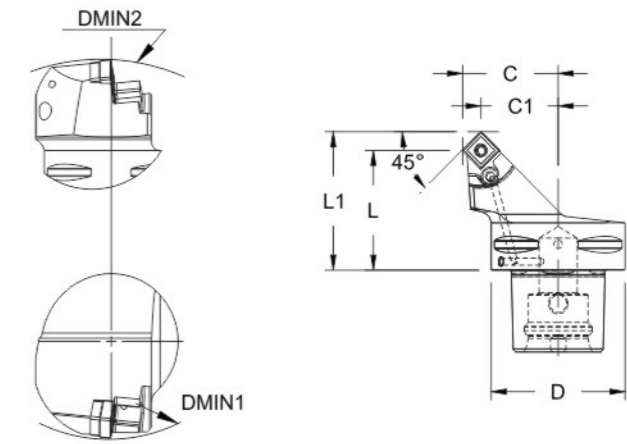
PRSCR/L

PRDCN



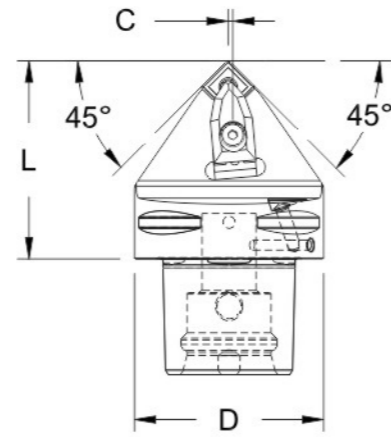
Order Code	D	L	C	M	Kg	Insert Type
C6-PRSCR/L-45065-25	63	65	45	--	1.3	RCMX250700
C6-PRDCN-00065-25A	63	65	12.5	40	0.9	RCMX250700

PSSNR/L-HP



Order Code	D	L	L1	C	C1	DMIN1	DMIN2	Kg	Insert Type
C4-PSSNR/L-27042-12HP	40	42	50.3	27	18.7	90	145	0.3	SNMG120408
C5-PSSNR/L-35052-12HP	50	52	60.3	35	26.7	110	165	0.7	SNMG120408
C6-PSSNR/L-45056-12HP	63	56	64.3	45	36.7	10	200	1.1	SNMG120408
C5-PSSNR/L-35052-15HP	50	50	60.2	35	24.8	110	165	0.7	SNMG150612
C6-PSSNR/L-45056-15HP	63	54	64.2	45	34.8	110	200	1.1	SNMG150612
C6-PSSNR/L-45056-19HP	63	52	64.5	45	32.5	110	180	1.1	SNMG190612

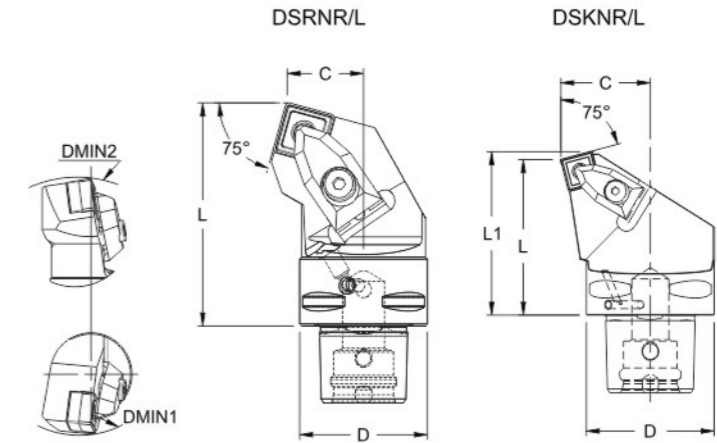
DSDNN



Order Code	D	L	C	Kg	Insert Type
C3-DSDNN-00048-12	32	48	0.3	0.3	SNMG120408
C4-DSDNN-00050-12	40	50	0.3	0.4	SNMG120408
C5-DSDNN-00060-12	50	60	0.3	0.7	SNMG120408
C6-DSDNN-00065-12	63	65	0.3	1.33	SNMG120408
C5-DSDNN-00060-15	50	60	0.5	0.7	SNMG150608
C6-DSDNN-00065-15	63	65	0.5	1.1	SNMG150608
C5-DSDNN-00065-19	50	65	0.5	0.7	SNMG190612
C6-DSDNN-00070-19	63	70	0.5	1.1	SNMG190612

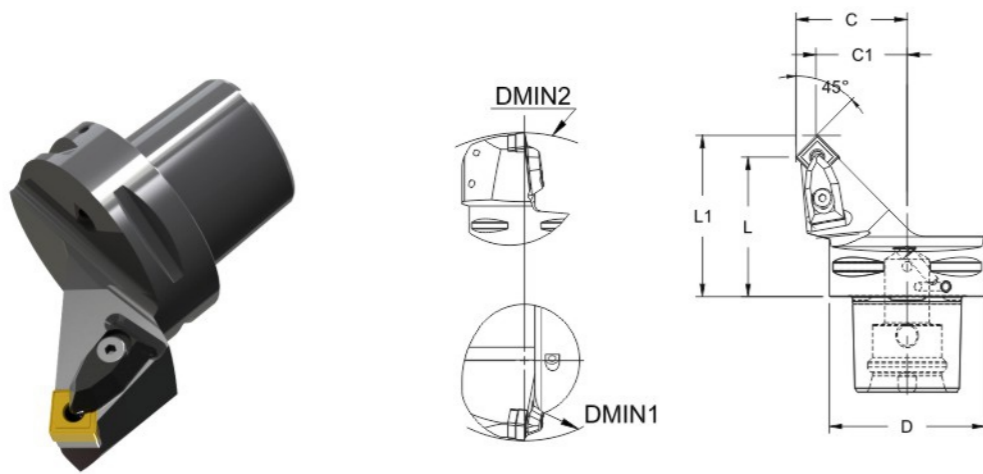
DSRNR/L

DSKNR/L



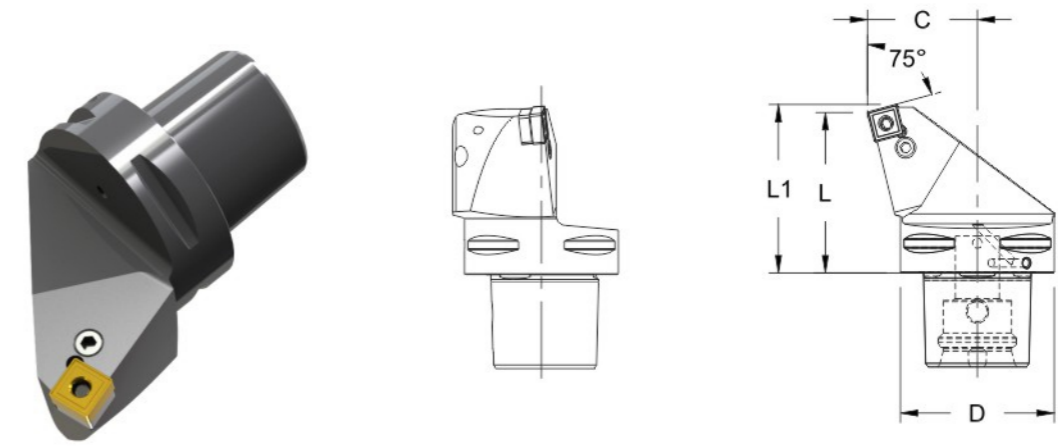
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C3-DSRNR-19048-12	32	48	19	--	124	0.22	SNMG120408
C4-DSRNR/L-22050-12	40	50	20	--	140	0.42	SNMG120408
C5-DSRNR/L-27060-12	50	60	27	--	165	0.87	SNMG120408
C6-DSRNR/L-35065-12	63	65	35	--	190	1.33	SNMG120408
C5-DSRNR/L-27060-15	50	60	27	--	165	0.71	SNMG150612
C6-DSRNR/L-35065-15	63	65	35	--	190	1.33	SNMG150612
C5-DSRNR/L-27060-19	50	60	27	--	165	0.71	SNMG190612
C6-DSRNR/L-35065-19	63	65	35	--	190	1.33	SNMG190612
C3-DSKNR-22040-12	32	40	22	60	--	0.24	SNMG120408
C4-DSKNR/L-27050-12	40	50	27	110	--	0.46	SNMG120408
C5-DSKNR/L-35060-12	50	60	35	110	--	0.85	SNMG120408
C6-DSKNR/L-45065-12	63	65	45	110	--	1.32	SNMG120408
C5-DSKNR/L-35060-15	50	60	35	125	--	0.85	SNMG150612
C6-DSKNR/L-45065-15	63	65	45	125	--	1.32	SNMG150612
C5-DSKNR/L-35060-19	50	60	35	125	--	0.72	SNMG190612
C6-DSKNR/L-45065-19	63	65	45	125	--	1.32	SNMG190612

DSSNR/L



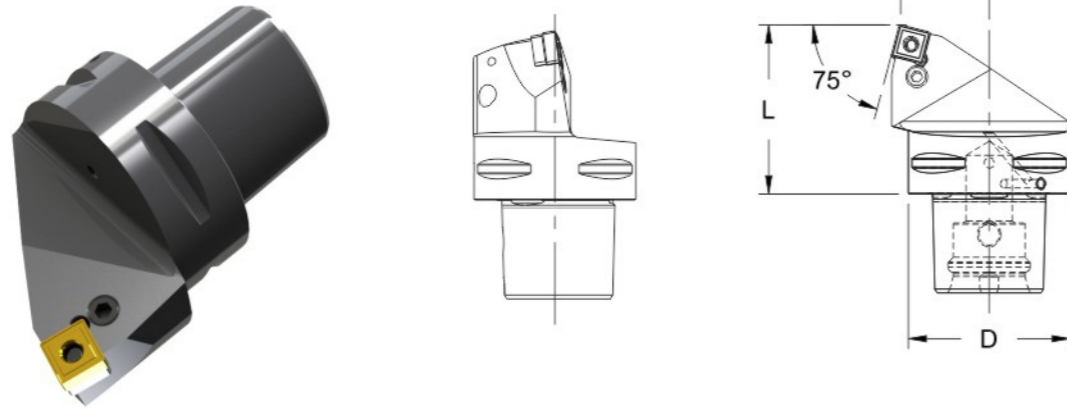
Order Code	D	L	L1	C	C1	DMIN1	DMIN2	Kg	Insert Type
C3-DSSNR-22040-12	32	40	48.3	22	13.7	60	124	0.25	SNMG120408
C4-DSSNR/L-27042-12	40	42	50.3	27	18.7	110	140	0.33	SNMG120408
C5-DSSNR/L-35052-12	50	52	60.3	35	26.7	110	165	0.66	SNMG120408
C6-DSSNR/L-45056-12	63	56	64.3	45	36.7	110	190	1.09	SNMG120408
C4-DSSNR/L-27045-15	40	45	55.2	27	16.8	125	145	0.26	SNMG150612
C5-DSSNR/L-35050-15	50	50	60.2	36	24.8	125	165	0.7	SNMG150612
C6-DSSNR/L-45054-15	63	54	64.2	45	34.8	125	190	1.09	SNMG150612
C5-DSSNR/L-35048-19	50	48	60.5	35	22.5	125	165	0.71	SNMG190612
C6-DSSNR/L-45052-19	63	52	64.5	45	32.5	125	190	1.09	SNMG190612

PSKNR/L



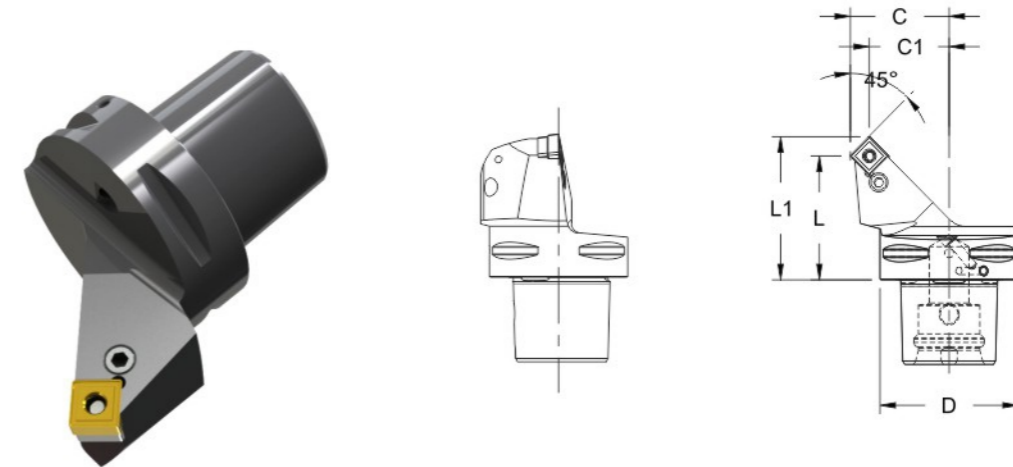
Order Code	D	L	C	L1	Kg	Insert Type
C4-PSKNR/L-27050-12	40	50	27	53.1	0.51	SNMG120408
C5-PSKNR/L-35060-12	50	60	35	63.1	0.86	SNMG120408
C6-PSKNR/L-45065-12	63	65	45	68.1	1.7	SNMG120408
C4-PSKNR/L-27050-15	40	50	27	54.8	0.33	SNMG150612
C5-PSKNR/L-35060-15	50	60	35	63.8	0.86	SNMG150612
C6-PSKNR/L-45065-15	63	65	45	68.8	1.7	SNMG150612
C5-PSKNR/L-35060-19	50	60	35	64.6	0.86	SNMG190612
C6-PSKNR/L-45065-19	63	65	45	69.6	1.34	SNMG190612

PSRNR/L



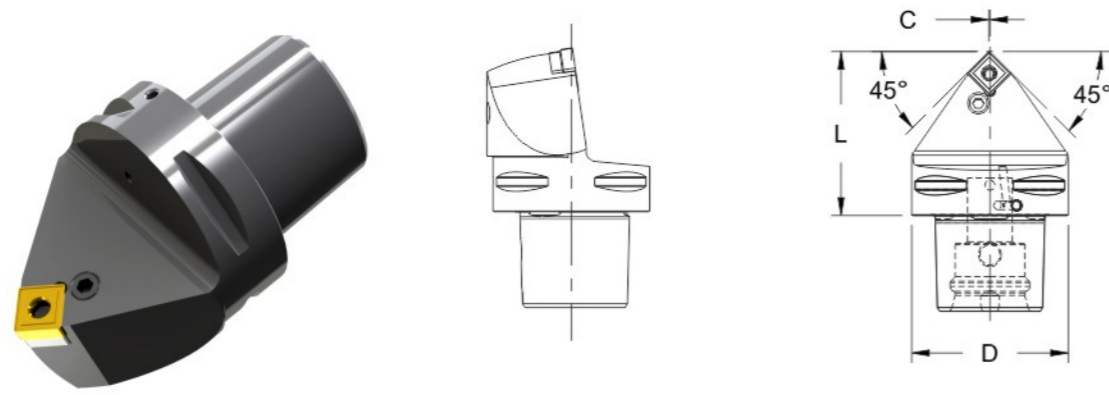
Order Code	D	L	C	Kg	Insert Type
C4-PSRNR/L-22050-12	40	50	22	0.45	SNMG120408
C5-PSRNR/L-27060-12	50	60	27	0.87	SNMG120408
C6-PSRNR/L-35065-12	63	65	35	1.34	SNMG120408
C4-PSRNR/L-22050-15	40	50	22	0.42	SNMG150612
C5-PSRNR/L-27060-15	50	60	27	0.86	SNMG150612
C6-PSRNR/L-35065-15	63	65	35	1.34	SNMG150612
C5-PSRNR/L-27060-19	50	60	27	0.86	SNMG190612
C6-PSRNR/L-35065-19	63	65	35	1.34	SNMG190612

PSSNR/L



Order Code	D	L	L1	C	C1	Kg	Insert Type
C3-PSSNR-22032-12	32	32	40.3	22	13.7	0.21	SNMG120408
C4-PSSNR/L-27042-12	40	42	50.3	27	18.7	0.33	SNMG120408
C5-PSSNR/L-35052-12	50	52	60.3	35	26.7	0.7	SNMG120408
C6-PSSNR/L-45056-12	63	56	64.3	45	36.7	1.1	SNMG120408
C4-PSSNR/L-27040-15	40	40	50.2	27	16.8	0.33	SNMG150612
C5-PSSNR/L-35050-15	50	50	60.2	35	24.8	0.55	SNMG150612
C6-PSSNR/L-45054-15	63	54	64.2	45	34.8	1.1	SNMG150612
C5-PSSNR/L-35048-19	50	48	60.5	35	22.5	0.55	SNMG190612
C6-PSSNR/L-45052-19	63	52	64.5	45	32.5	1.1	SNMG190612

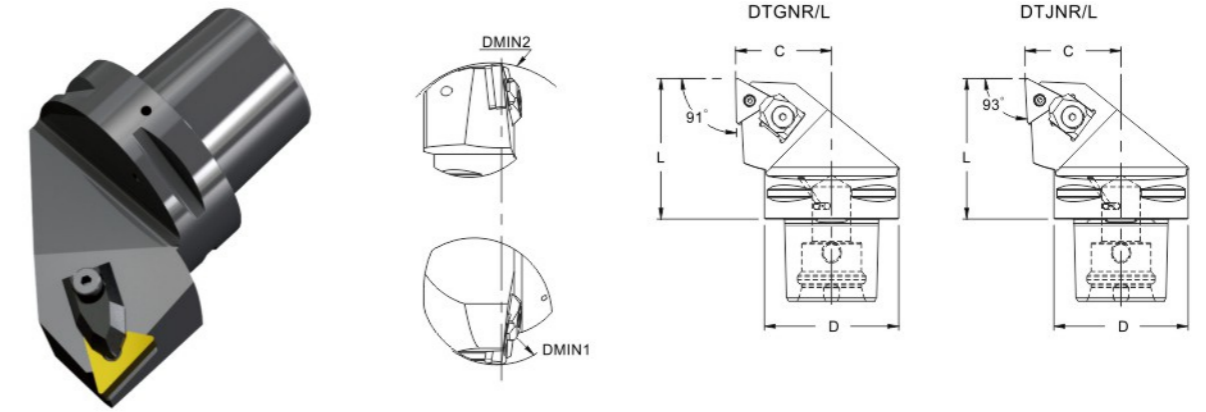
PSDNN



Order Code	D	L	C	Kg	Insert Type
C4-PSDNN-00050-12	40	50	0.3	0.33	SNMG120408
C5-PSDNN-00060-12	50	60	0.3	0.71	SNMG120408
C4-PSDNN-00065-12	63	65	0.3	1.35	SNMG120408
C4-PSDNN-00050-15	40	50	0.5	0.33	SNMG150612
C5-PSDNN-00060-15	50	60	0.5	0.71	SNMG150612
C6-PSDNN-00065-15	63	65	0.5	1.1	SNMG150612
C5-PSDNN-00060-19	50	60	0.5	0.71	SNMG190612
C6-PSDNN-00065-19	63	65	0.5	1.1	SNMG190612
C6-PSDNN-00065-25	63	65	1	1.1	SNMG250724

DTGNR/L

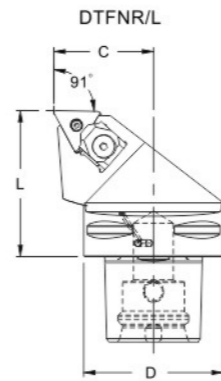
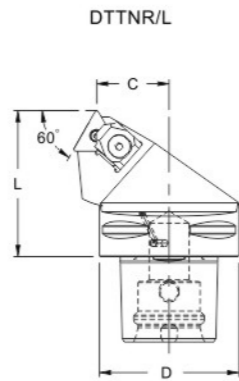
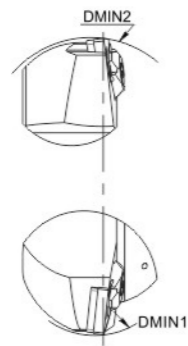
DTJNR/L



Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-DTGNR/L-27050-16	40	50	27	110	140	0.55	TNMG160408
C5-DTGNR/L-35060-16	50	60	35	110	165	0.7	TNMG160408
C6-DTGNR/L-45065-16	63	65	45	110	190	1.3	TNMG160408
C4-DTGNR/L-27050-22	40	50	27	110	140	0.47	TNMG220408
C5-DTGNR/L-35060-22	50	60	35	110	165	0.84	TNMG220408
C6-DTGNR/L-45065-22	63	65	45	110	190	1.3	TNMG220408
C3-DTJNR/L-22040-16	32	40	22	60	116	0.22	TNMG160408
C4-DTJNR/L-27050-16	40	50	27	110	140	0.55	TNMG160408
C5-DTJNR/L-35060-16	50	60	35	110	165	0.7	TNMG160408
C6-DTJNR/L-45065-16	63	65	45	110	190	1.31	TNMG160408
C4-DTJNR/L-27050-22	40	50	27	110	140	0.55	TNMG220408
C5-DTJNR/L-35060-22	50	60	35	110	165	0.84	TNMG220408
C6-DTJNR/L-45065-22	63	65	45	110	190	1.31	TNMG220408
C6-DTJNR/L-45065-22	63	65	45	110	190	1.31	TNMG270612

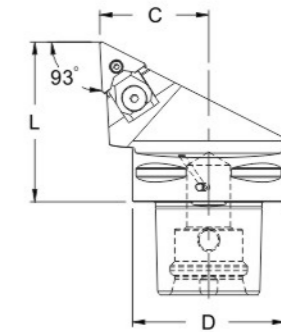
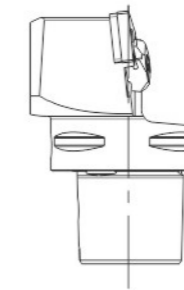
DTTNR/L

DTFNR/L



Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-DTTNR/L-22050-16	40	50	22	--	140	0.34	TNMG160408
C5-DTTNR/L-27060-16	50	60	27	--	165	0.7	TNMG160408
C5-DTTNR/L-27060-22	50	60	27	--	165	0.7	TNMG220408
C6-DTTNR/L-35065-22	63	65	35	--	190	1.1	TNMG220408
C3-DTFNR/L-22040-16	32	40	22	60	116	0.22	TNMG160408
C4-DTFNR/L-27050-16	40	50	27	110	140	0.42	TNMG160408
C5-DTFNR/L-35060-16	50	60	35	110	165	0.7	TNMG160408
C6-DTFNR/L-45065-16	63	65	45	110	190	1.3	TNMG160408
C4-DTFNR/L-27050-22	40	50	27	110	140	0.55	TNMG220408
C5-DTFNR/L-35060-22	50	60	35	110	165	0.84	TNMG220408
C6-DTFNR/L-45065-22	63	65	45	110	190	1.3	TNMG220408

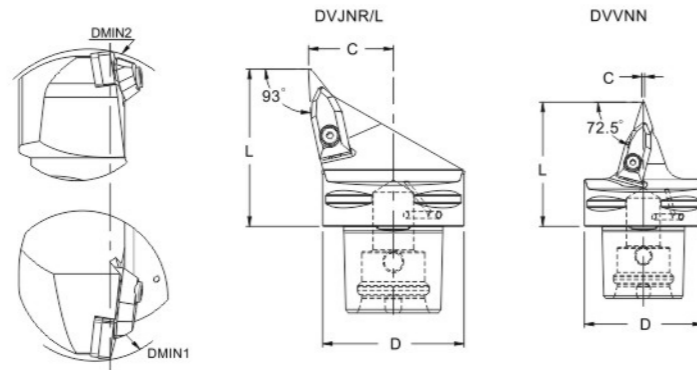
MTJNR/L



Order Code	D	L	C	Kg	Insert Type
C3-MTJNR/L-22040-16	32	40	22	0.22	TNMG160408
C4-MTJNR/L-27050-16	40	50	27	0.42	TNMG160408
C5-MTJNR/L-35060-16	50	60	35	0.85	TNMG160408
C4-MTJNR/L-27050-22	40	50	27	0.42	TNMG220408
C5-MTJNR/L-35060-22	50	60	35	0.89	TNMG220408
C6-MTJNR/L-45065-22	63	65	45	1.3	TNMG220408
C6-MTJNR/L-45065-27	63	65	45	1.3	TNMG270612

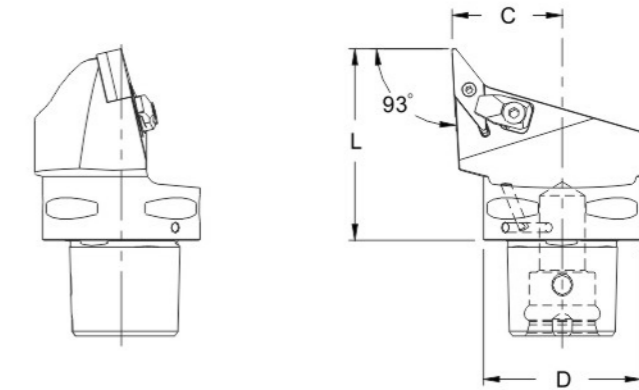
DVJNR/L

DVVNN



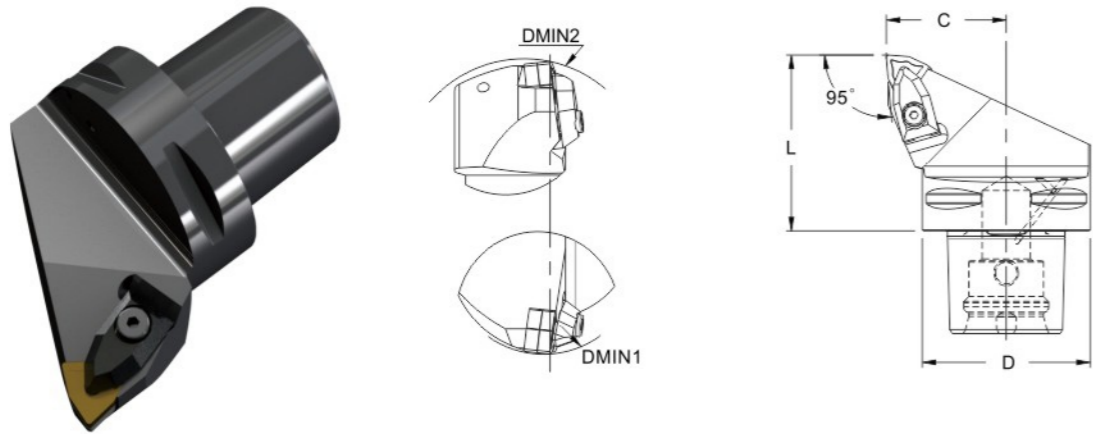
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-DVJNR/L-27062-16	40	62	27	60	152	0.5	VNMG160408
C5-DVJNR/L-35065-16	50	65	35	65	170	0.7	VNMG160408
C4-DVJNR/L-27062-16	63	65	45	81	190	1.3	VNMG160408
C5-DVJNR/L-35065-16	80	80	55	100	250	2.31	VNMG160408
C4-DVVNN-00062-16	40	62	0.6	--	152	0.34	VNMG160408
C5-DVVNN-00065-16	50	65	0.6	--	170	0.46	VNMG160408
C6-DVVNN-00065-16	63	65	0.6	--	190	0.9	VNMG160408

MVJNR/L



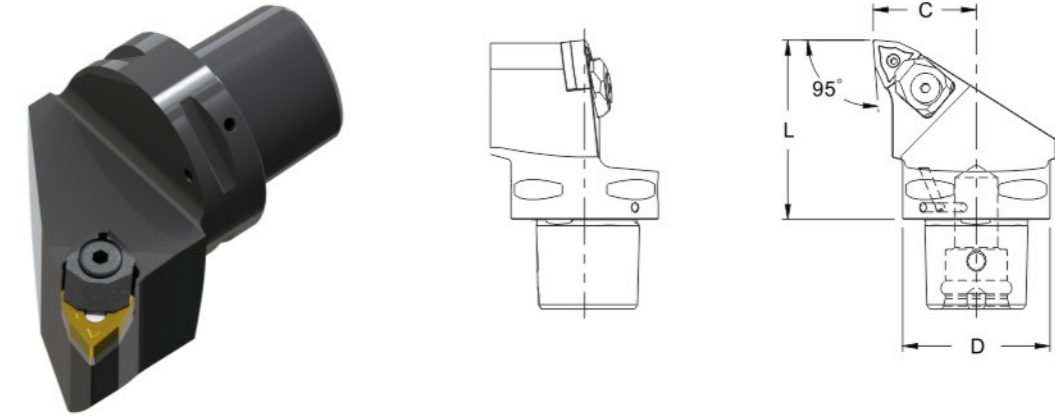
Order Code	D	L	C	Kg	Insert Type
C3-MVJNR/L-22045-16	32	45	22	0.22	VNMG160408
C4-MVJNR/L-27050-16	40	50	27	0.66	VNMG160408
C5-MVJNR/L-35060-16	50	60	35	0.85	VNMG160408

DWLNR/L



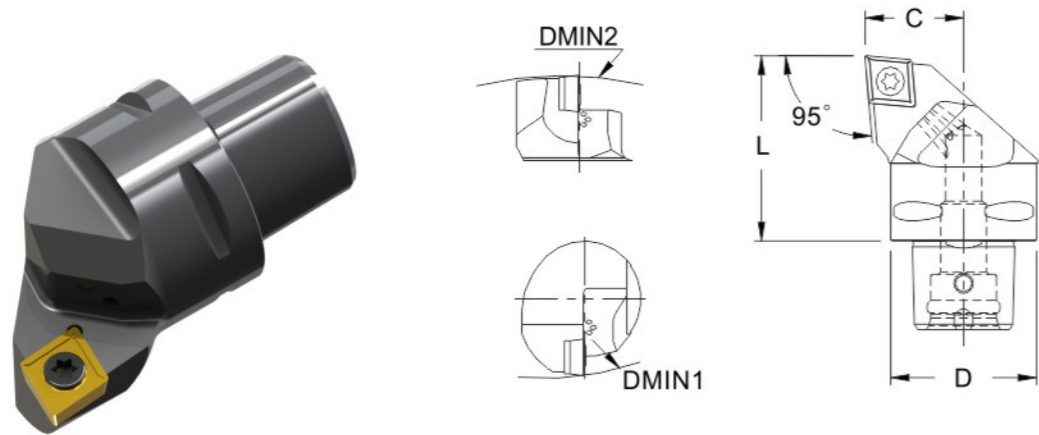
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C3-DWLNR/L-22040-06	32	40	22	60	116	0.21	WNMG060408
C4-DWLNR/L-27050-06	40	50	27	60	140	0.42	WNMG060408
C5-DWLNR/L-35060-06	50	60	35	65	165	0.7	WNMG060408
C6-DWLNR/L-45065-06	63	65	45	81	190	1.3	WNMG060408
C4-DWLNR/L-27050-08	40	50	27	110	140	0.42	WNMG080408
C5-DWLNR/L-35060-08	50	60	35	110	165	0.7	WNMG080408
C6-DWLNR/L-45065-08	63	65	45	110	190	1.3	WNMG080408

MWLNR/L



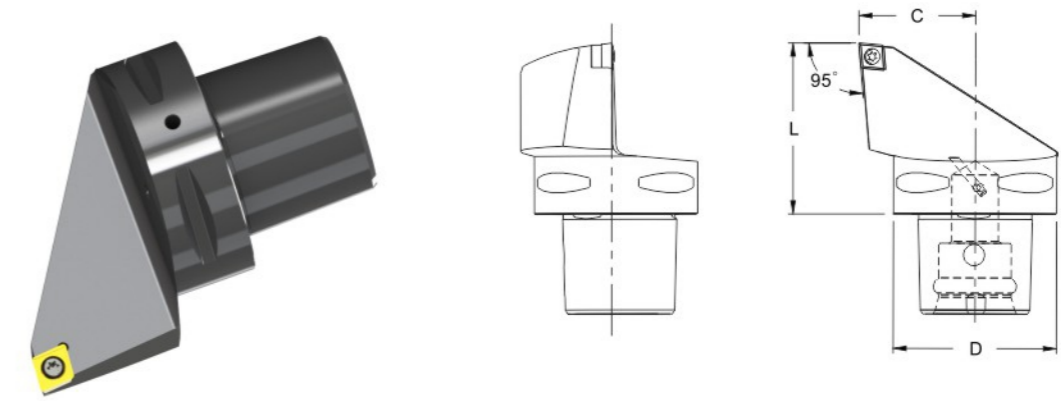
Order Code	D	L	C	Kg	Insert Type
C3-MWLNR/L-22040-06	32	40	22	0.22	WNMG060408
C4-MWLNR/L-27050-06	40	50	27	0.42	WNMG060408
C4-MWLNR/L-27050-08	40	50	27	0.31	WNMG080408
C5-MWLNR/L-35060-08	50	60	35	0.85	WNMG080408

SCLCR/L-HPA



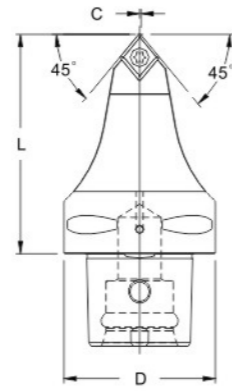
Order Code	D	L	C	DMIN1	DMIN2		Insert Kg Type
C3-SCLCR/L-22040-09HPA	32	40	22	130	116	0.19	CCMT09T308
C4-SCLCR/L-27050-09HPA	40	50	27	130	140	0.38	CCMT09T308
C4-SCLCR/L-27050-12HPA	40	50	27	130	140	0.38	CCMT120408
C6-SCLCR/L-45065-12HPA	63	65	45	125	190	1.21	CCMT120408

SCLCR/L



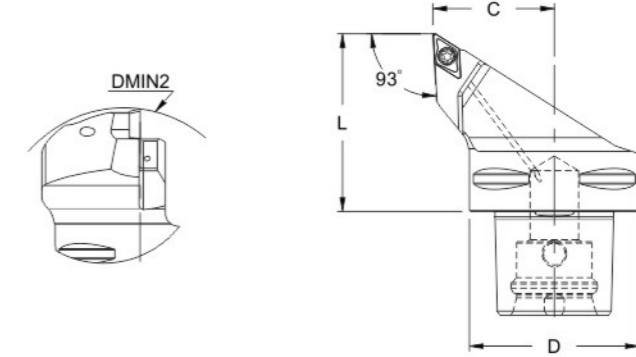
Order Code	D	L	C	Kg	Insert Type
C3-SCLCR/L-22040-09	32	40	22	0.13	CCMT09T308
C4-SCLCR/L-27050-09	40	50	27	0.34	CCMT09T308
C5-SCLCR/L-35060-09	50	60	35	0.64	CCMT09T308
C6-SCLCR/L-45065-09	63	65	45	1.1	CCMT09T308
C3-SCLCR/L-22040-12	32	40	22	0.13	CCMT120408
C4-SCLCR/L-27050-12	40	50	27	0.34	CCMT120408
C5-SCLCR/L-35060-12	50	60	35	0.64	CCMT120408
C6-SCLCR/L-45065-12	63	65	45	1.1	CCMT120408

SCMCN



Order Code	D	L	C	Kg	Insert Type
C3-SCMCN-00090-12	63	90	0	1.3	CCMT120408

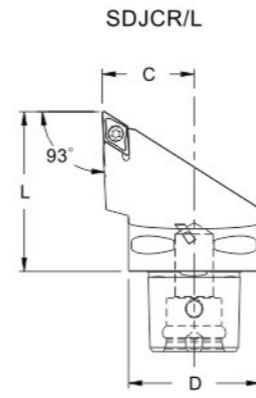
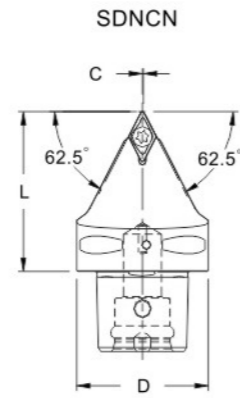
SDJCR/L-HPA



Order Code	D	L	C	DMIN2	Kg	Insert Type
C3-SDJCR/L-22040-11HPA	32	40	22	116	0.19	DCMT11T308
C4-SDJCR/L-27050-11HPA	40	50	27	140	0.38	DCMT11T308
C5-SDJCR/L-35060-11HPA	50	60	35	165	0.7	DCMT11T308
C6-SDJCR/L-45065-11HPA	63	65	45	190	1.21	DCMT11T308

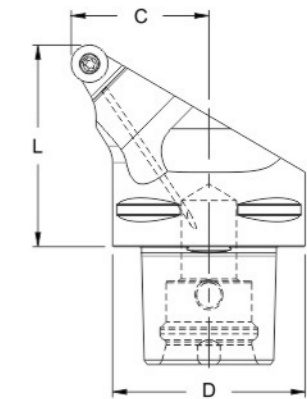
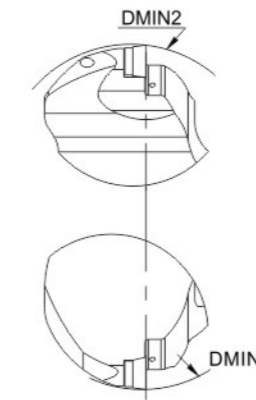
SDNCN

SDJCR/L



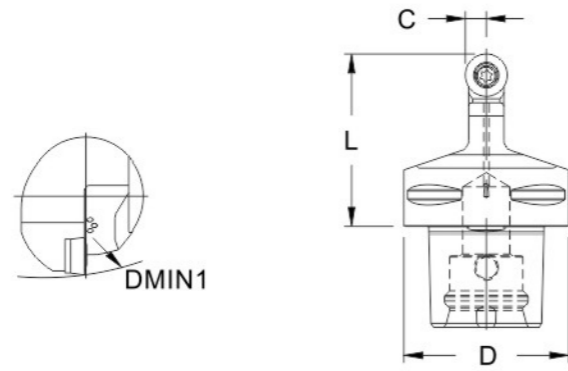
Order Code	D	L	C	Kg	Insert Type
C3-SDNCN-00040-11	32	40	0.5	0.13	DCMT11T308
C4-SDNCN-00050-11	40	50	0.5	0.45	DCMT11T308
C5-SDNCN-00060-11	50	60	0.5	0.58	DCMT11T308
C3-SDJCR-22040-07	32	40	22	0.13	DCMT070204
C4-SDJCR-27050-07	40	50	27	0.34	DCMT070204
C3-SDJCR/L-22040-11	32	40	22	0.13	DCMT11T308
C4-SDJCR/L-27050-11	40	50	27	0.34	DCMT11T308
C5-SDJCR/L-35060-11	50	60	35	0.62	DCMT11T308
C6-SDJCR/L-45065-11	63	65	45	1.1	DCMT11T308

SRSCR/L-HP



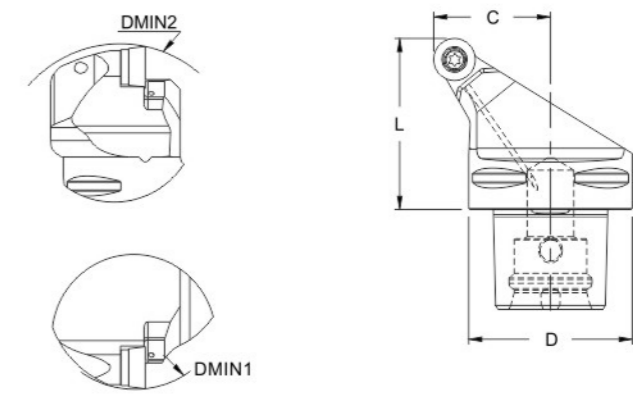
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C5-SRSCR/L-35060-10HP	50	60	35	130	270	0.7	RCMT10T3M0
C6-SRSCR/L-45065-10HP	63	65	45	140	300	1.21	RCMT10T3M0
C5-SRSCR/L-35060-12HP	50	60	35	130	270	0.7	RCMT1204M0
C6-SRSCR/L-45065-12HP	63	65	45	120	195	1.1	RCMT1204M0

SRDCN-HPA



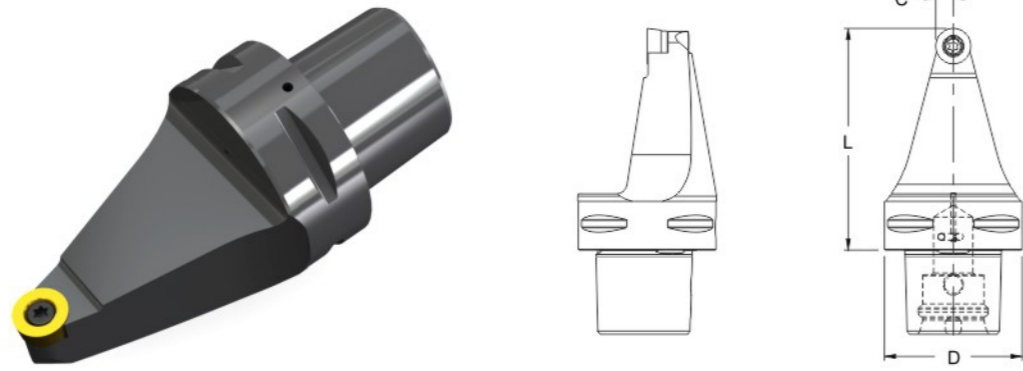
Order Code	D	L	C	DMIN1	Kg	Insert Type
C5-SRDCN-00060-10AHPA	50	60	5	80	0.7	RCMT10T3M0
C4-SRDCN-00050-12AHPA	40	50	6	80	0.38	RCMT1204M0
C5-SRDCN-00060-12AHPA	50	60	6	80	0.7	RCMT1204M0
C6-SRDCN-00065-12AHPA	63	65	6	80	1.21	RCMT1204M0
C6-SRDCN-00065-16AHPA	63	65	8	80	1.21	RCMT1606M0

SRSCR/L-HPA



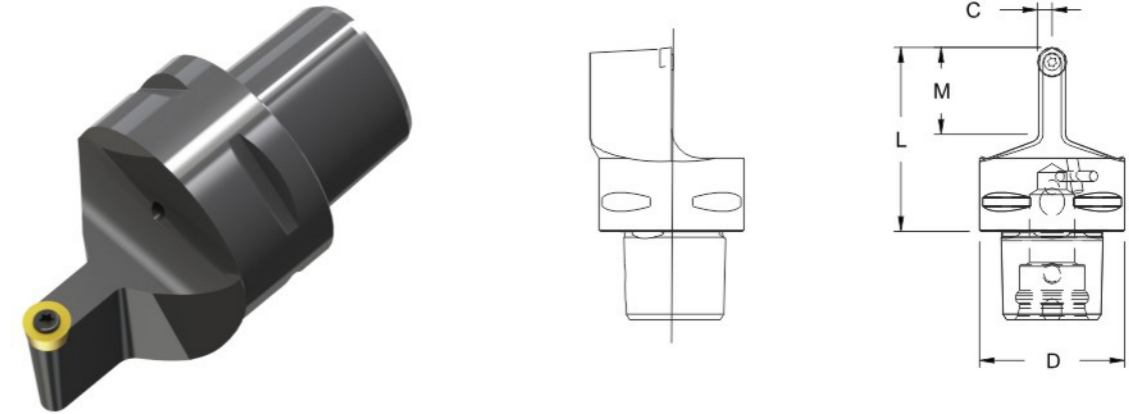
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C5-SRSCR/L-35060-12HPA	50	60	35	150	165	0.7	RCMT1204M0
C6-SRSCR/L-45065-12HPA	63	65	45	150	190	1.21	RCMT1204M0
C5-SRSCR/L-35060-16HPA	50	60	35	175	165	0.7	RCMT1606M0
C6-SRSCR/L-45065-16HPA	63	65	45	175	190	1.21	RCMT1606M0

SRDCN



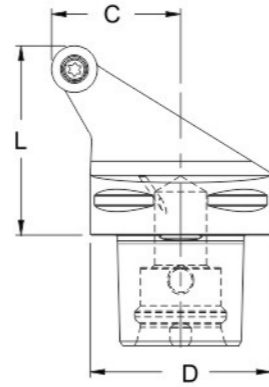
Order Code	D	L	C	Kg	Insert Type
C6-SRDCN-00100-10	63	100	5	1.35	RCMT10T3M0
C6-SRDCN-00100-16	63	100	8	1.35	RCMT1606M0

SRDCN-A



Order Code	D	L	C	M	Kg	Insert Type
C4-SRDCN-00050-06A	40	50	3	12	0.34	RCMT0602M0
C5-SRDCN-00060-06A	50	60	3	12	0.7	RCMT0602M0
C4-SRDCN-00050-08A	40	50	4	16	0.28	RCMT0803M0
C5-SRDCN-00060-08A	50	60	4	16	0.68	RCMT0803M0
C4-SRDCN-00050-10A	40	50	5	25	0.33	RCMT10T3M0
C5-SRDCN-00060-10A	50	60	5	25	0.61	RCMT10T3M0
C6-SRDCN-00065-10A	63	65	5	25	1.1	RCMT10T3M0
C4-SRDCN-00050-12A	40	50	6	28	0.33	RCMT1204M0
C5-SRDCN-00060-12A	50	60	6	28	0.62	RCMT1204M0
C6-SRDCN-00065-12A	63	65	6	28	1.1	RCMT1204M0
C5-SRDCN-00060-16A	50	60	8	35	0.58	RCMT1606M0
C6-SRDCN-00065-16A	63	65	8	35	0.9	RCMT1606M0
C5-SRDCN-00060-20A	50	60	10	35	0.62	RCMT2006M0
C6-SRDCN-00065-20A	63	65	10	40	0.9	RCMT2006M0

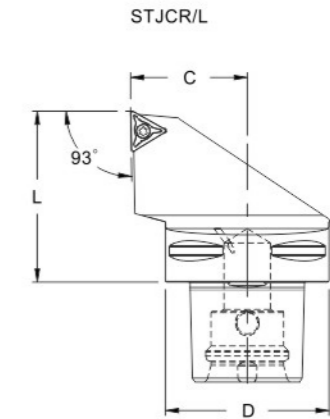
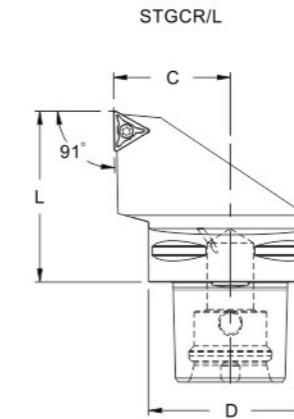
SRSCR/L



Order Code	D	L	C	Kg	Insert Type
C4-SRSCR-27050-06	40	50	27	0.33	RCMT0602M0
C5-SRSCR/L-35060-06	50	60	35	0.7	RCMT0602M0
C4-SRSCR/L-27050-08	40	50	27	0.33	RCMT0803M0
C5-SRSCR/L-35060-08	50	60	35	0.7	RCMT0803M0
C3-SRSCR-22040-10	32	40	22	0.22	RCMT10T3M0
C4-SRSCR/L-27050-10	40	50	27	0.33	RCMT10T3M0
C5-SRSCR/L-35060-10	50	60	35	0.7	RCMT10T3M0
C6-SRSCR/L-45065-10	63	65	45	1.1	RCMT10T3M0
C4-SRSCR/L-27050-12	50	50	27	0.4	RCMT1204M0
C5-SRSCR/L-35060-12	50	60	35	0.7	RCMT1204M0
C6-SRSCR/L-45065-12	63	65	45	1.1	RCMT1204M0
C5-SRSCR/L-35060-16	50	60	35	0.7	RCMT1606M0
C6-SRSCR/L-45065-16	63	65	45	1.1	RCMT1606M0
C5-SRSCR/L-35060-20	50	60	35	0.86	RCMT2006M0
C6-SRSCR/L-45065-20	63	65	45	1.35	RCMT2006M0

STJCR/L

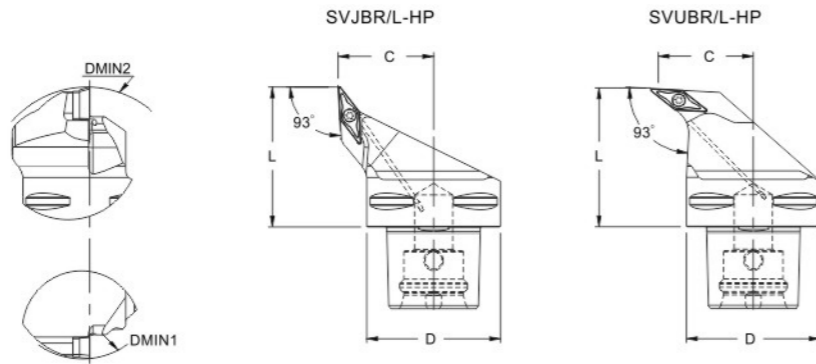
STGCR/L



Order Code	D	L	C	Kg	Insert Type
C4-STJCR-27050-11-B1	40	50	27	0.34	TCMT110304
C4-STGCR-27050-16	40	50	27	0.34	TCMT16T308
C4-STJCR-27050-16	40	50	27	0.34	TCMT16T308
C5-STGCR/L-35060-16	50	60	35	0.64	TCMT16T308
C5-STJCR-35060-16	50	60	35	0.64	TCMT16T308
C6-STGCR/L-45065-16	63	65	45	1.1	TCMT16T308

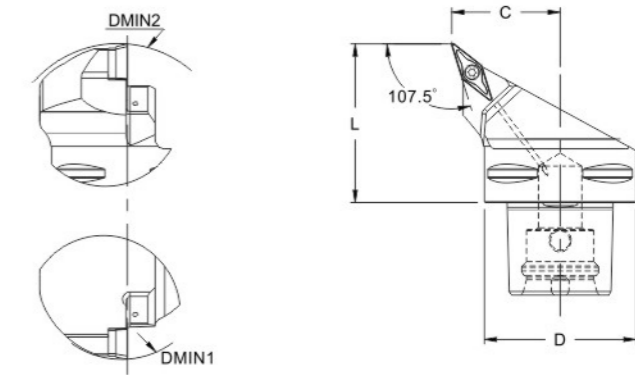
SVJBR/L-HP

SVUBR/L-HP



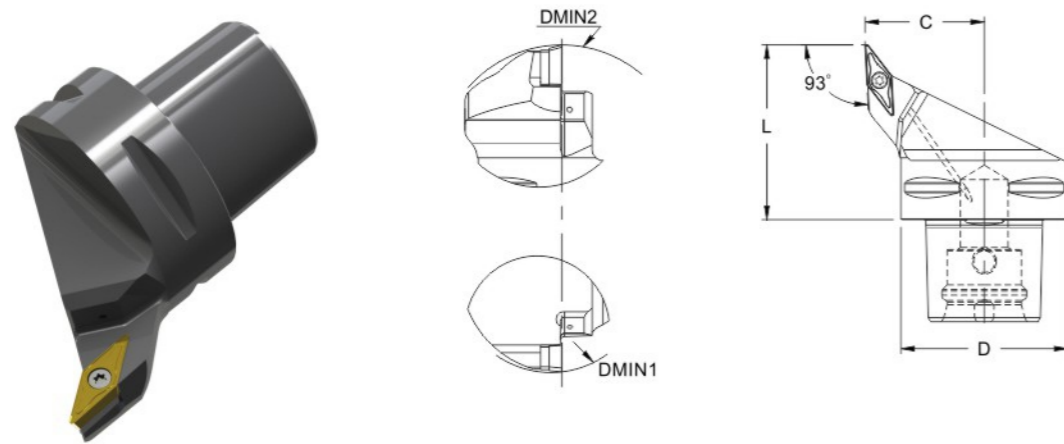
Order Code	D	L	C	DMIN1	DMIN2	Kg	Insert Type
C4-SVJBR/L-27050-16HP	40	50	27	--	140	0.3	VBMT160408
C5-SVJBR/L-35060-16HP	50	60	35	--	200	0.7	VBMT160408
C6-SVJBR/L-45065-16HP	63	65	45	--	200	1.3	VBMT160408
C6-SVUBR/L-45065-16HP	63	65	45	85	--	1.3	VBMT160408

SVHBR/L-HPA



Order Code	D	L	C	DMIN2	Kg	Insert Type
C4-SVHBR/L-27050-16HPA	40	50	27	140	0.38	VBMT160408
C5-SVHBR/L-35060-16HPA	50	60	35	165	0.7	VBMT160408
C6-SVHBR/L-45065-16HPA	63	65	45	190	1.21	VBMT160408

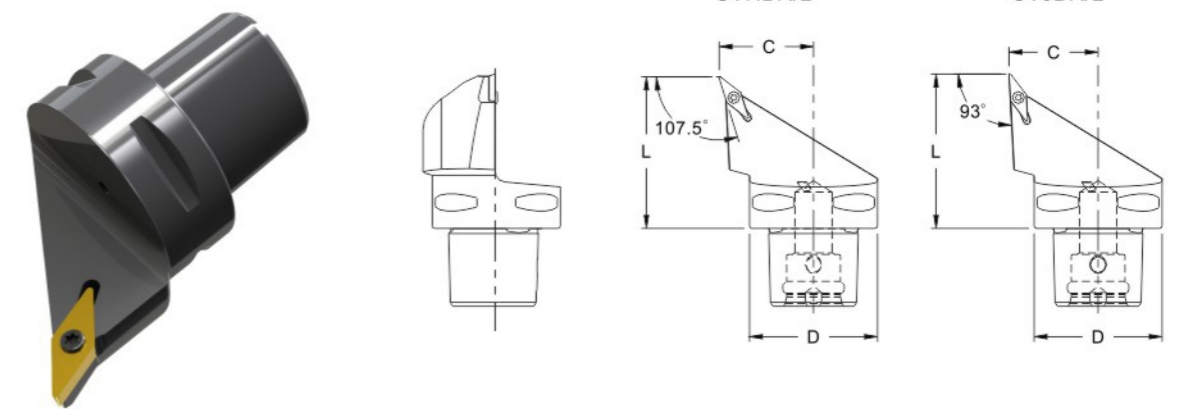
SVJBR/L-HPAB



Order Code	D	L	C	DMIN2	Kg	Insert Type
C3-SVJBR/L-22040-11HPAB1	32	40	22	116	0.19	VBMT110304
C4-SVJBR/L-27050-11HPAB1	40	50	27	140	0.38	VBMT110304
C4-SVJBR/L-27050-16HPA	40	50	27	140	0.38	VBMT160408
C5-SVJBR/L-35060-16HPA	50	60	35	165	0.7	VBMT160408
C6-SVJBR/L-45065-16HPA	63	65	45	190	1.21	VBMT160408

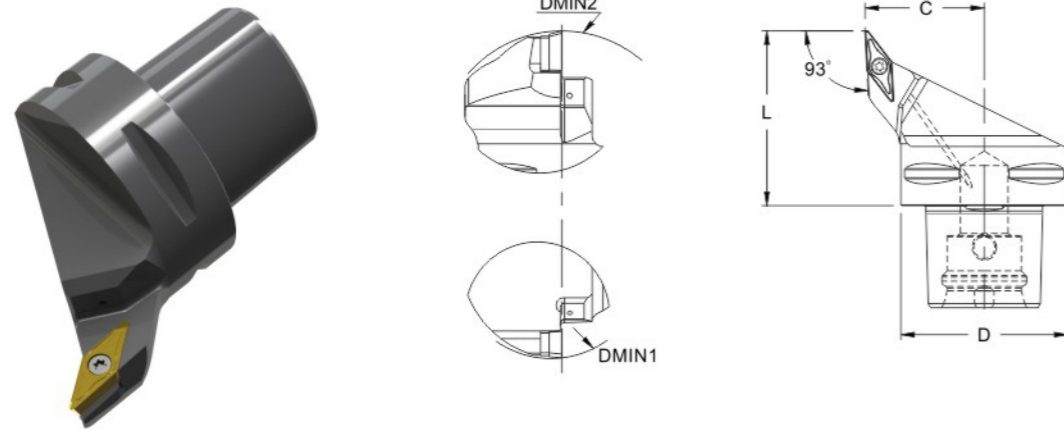
SVHBR/L

SVJBR/L



Order Code	D	L	C	Kg	Insert Type
C3-SVHBR/L-22040-11	32	40	22	0.13	VBMT110204
C3-SVHBR/L-22040-11-B1	32	40	22	0.13	VBMT110204
C4-SVHBR/L-27050-11	40	50	27	0.49	VBMT110204
C4-SVHBR/L-27050-11-B1	40	50	27	0.45	VBMT110204
C5-SVHBR/L-35060-11	50	60	35	0.71	VBMT110204
C4-SVHBR/L-27050-16	40	50	27	0.45	VBMT160408
C5-SVHBR/L-35060-16	50	60	35	0.58	VBMT160408
C6-SVHBR/L-45065-16	63	65	45	0.9	VBMT160408
C3-SVJBR/L-22040-11	32	40	22	0.13	VBMT110204
C3-SVJBR/L-22040-11-B1	32	40	22	0.13	VBMT110204
C4-SVJBR/L-27050-11	40	50	27	0.48	VBMT110204
C4-SVJBR/L-27050-11-B1	40	50	27	0.45	VBMT110204
C5-SVJBR/L-35060-11	50	60	35	0.71	VBMT110204
C4-SVJBR/L-27050-16	40	50	27	0.3	VBMT160408
C5-SVJBR/L-35060-16	50	60	35	0.58	VBMT160408
C6-SVJBR/L-45065-16	63	65	45	0.89	VBMT160408

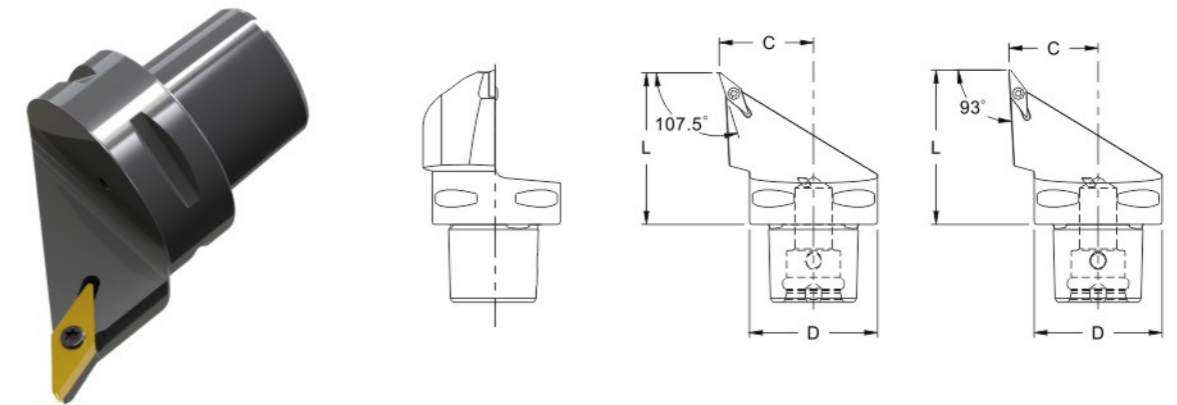
SVJBR/L-HPAB



Order Code	D	L	C	DMIN2	Kg	Insert Type
C3-SVJBR/L-22040-11HPAB1	32	40	22	116	0.19	VBMT110304
C4-SVJBR/L-27050-11HPAB1	40	50	27	140	0.38	VBMT110304
C4-SVJBR/L-27050-16HPA	40	50	27	140	0.38	VBMT160408
C5-SVJBR/L-35060-16HPA	50	60	35	165	0.7	VBMT160408
C6-SVJBR/L-45065-16HPA	63	65	45	190	1.21	VBMT160408

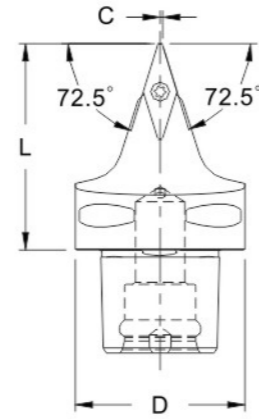
SVHBR/L

SVJBR/L



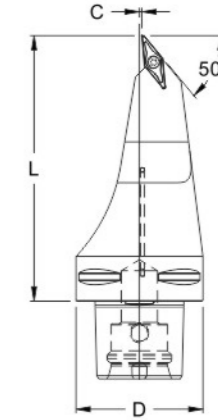
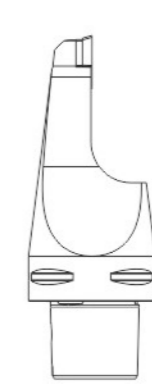
Order Code	D	L	C	Kg	Insert Type
C3-SVHBR/L-22040-11	32	40	22	0.13	VBMT110204
C3-SVHBR/L-22040-11-B1	32	40	22	0.13	VBMT110204
C4-SVHBR/L-27050-11	40	50	27	0.49	VBMT110204
C4-SVHBR/L-27050-11-B1	40	50	27	0.45	VBMT110204
C5-SVHBR/L-35060-11	50	60	35	0.71	VBMT110204
C4-SVHBR/L-27050-16	40	50	27	0.45	VBMT160408
C5-SVHBR/L-35060-16	50	60	35	0.58	VBMT160408
C6-SVHBR/L-45065-16	63	65	45	0.9	VBMT160408
C3-SVJBR/L-22040-11	32	40	22	0.13	VBMT110204
C3-SVJBR/L-22040-11-B1	32	40	22	0.13	VBMT110204
C4-SVJBR/L-27050-11	40	50	27	0.48	VBMT110204
C4-SVJBR/L-27050-11-B1	40	50	27	0.45	VBMT110204
C5-SVJBR/L-35060-11	50	60	35	0.71	VBMT110204
C4-SVJBR/L-27050-16	40	50	27	0.3	VBMT160408
C5-SVJBR/L-35060-16	50	60	35	0.58	VBMT160408
C6-SVJBR/L-45065-16	63	65	45	0.89	VBMT160408

SVVBN



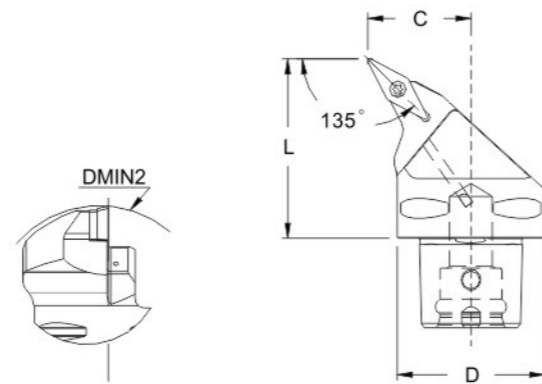
Order Code	D	L	C	Kg	Insert Type
C3-SVVBN-00040-11	32	40	0.3	0.13	VBMT110204
C3-SVVBN-00040-11-B1	32	40	0.3	0.13	VBMT110304
C4-SVVBN-00050-11	40	50	0.3	0.28	VBMT110204
C4-SVVBN-00050-11-B1	40	50	0.3	0.28	VBMT110304
C4-SVVBN-00050-16	40	50	0.6	0.28	VBMT160408
C5-SVVBN-00060-16	50	60	0.6	0.52	VBMT160408
C6-SVVBN-00065-16	63	65	0.6	0.89	VBMT160408

SVMBL



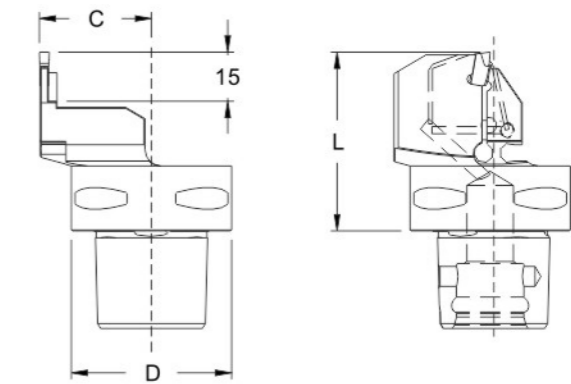
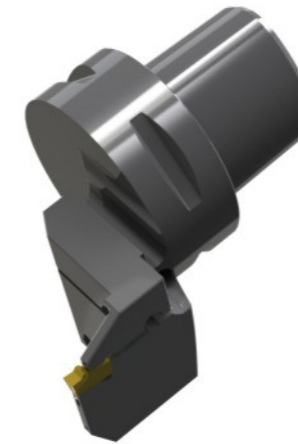
Order Code	D	L	C	Kg	Insert Type
C5-SVMBL-00115-16	50	115	1.2	0.87	VBMT160408
C6-SVMBL-00130-16	63	130	1.2	1.69	VBMT160408
C5-SVMBL-33120-16	63	120	33	1.69	VBMT160408

SVSBR/L-HPA



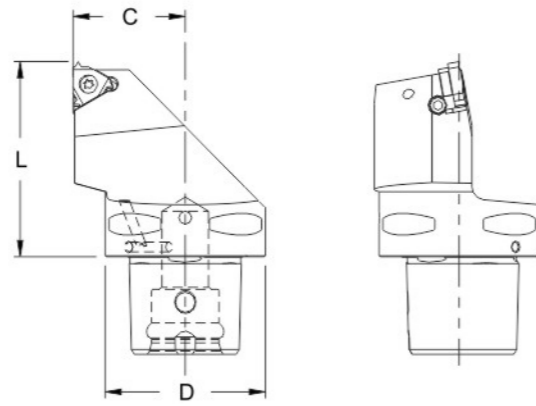
Order Code	D	L	C	DMIN2	Kg	Insert Type
C4-SVSBR/L-27050-16HPA	40	50	27	140	0.38	VBMT160408
C5-SVSBR/L-35060-16HPA	50	60	35	165	0.7	VBMT160408
C6-SVSBR/L-45065-16HPA	63	65	45	190	1.21	VBMT160408

R/LFA-E



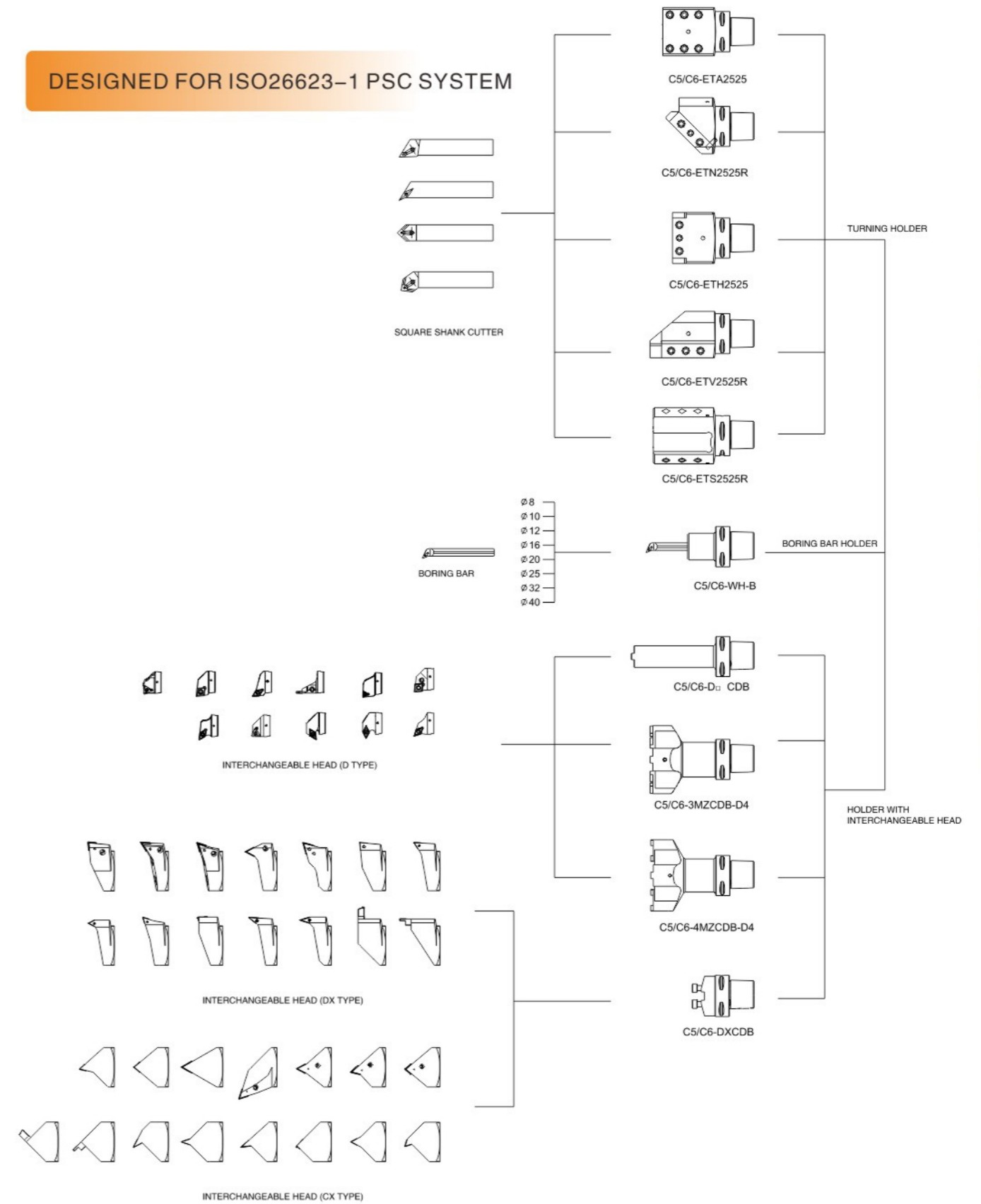
Order Code	D	L	C	Kg	Insert Type
C3-R/LFA203015-22050E	32	50	22	0.3	A2030N00CM02
C3-R/LFA205015-22050E	32	50	22	0.3	A2050N00CM03
C4-R/LFA203015-27055E	40	50	27	0.4	A2030N00CM02
C4-R/LFA205015-27055E	40	50	27	0.4	A2050N00CM03
C5-R/LFA203015-35055E	50	55	35	0.6	A2030N00CM02
C5-R/LFA205015-35055E	50	55	35	0.6	A2050N00CM03
C6-R/LFA203015-45065E	63	65	45	1.2	A2030N00CM02
C6-R/LFA205015-45065E	63	65	45	1.2	A2050N00CM03

SER/L

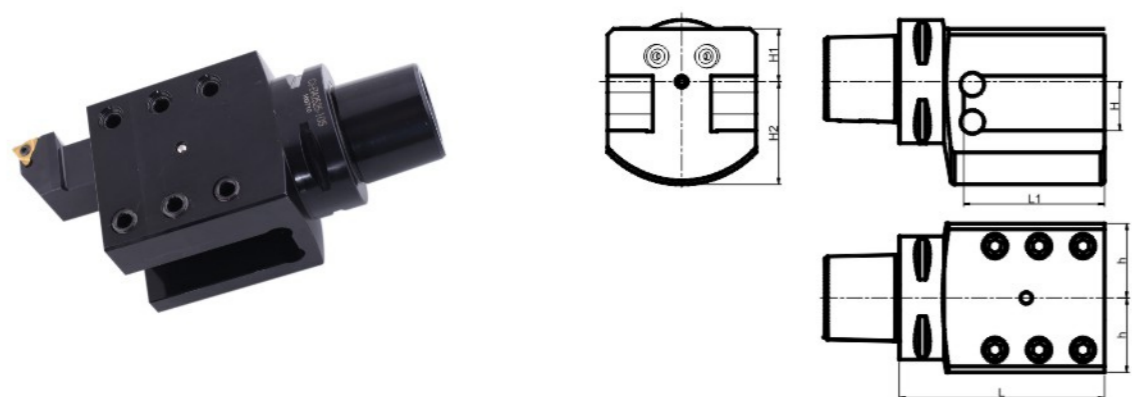


Order Code	D	L	C	Kg	Insert Type
C3-SER/L-22040-16	32	40	22	0.3	16ER ISO
C4-SER/L-27050-16	40	50	27	0.5	16ER ISO
C5-SER/L-35060-16	50	60	35	0.5	16ER ISO
C6-SER/L-45065-16	63	65	45	0.5	16ER ISO

DESIGNED FOR ISO26623-1 PSC SYSTEM

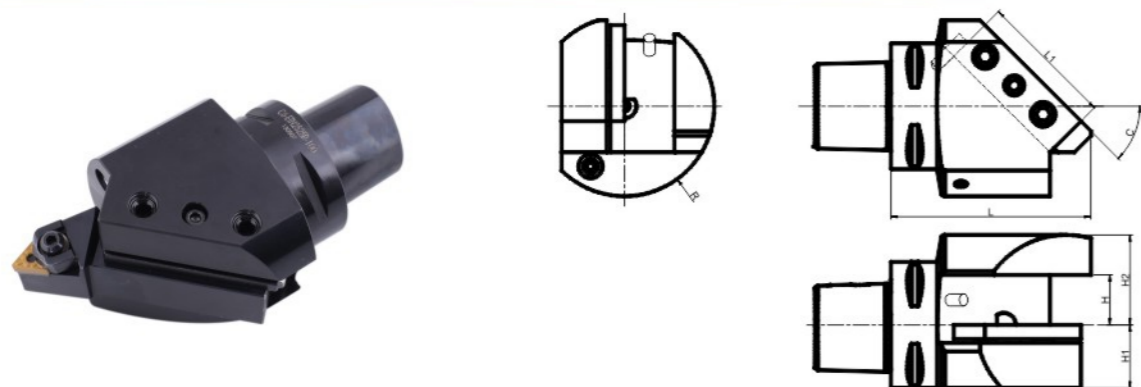


PSC DOUBLE SIDE TURNING HOLDER

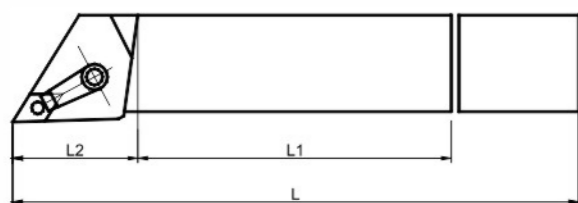


Order Code	L	L1	H	H1	H2	h	Weight
C5-ETA2020-90	90	60	20	25	42.5	30	2
C5-ETA1" x 1"-4"	4"	2.5"	1"	1.25"	2"	1.5"	2
C6-ETA2525-105	105	72	25	27	52.5	38	3.5
C6-ETA1" x 1"-4"	4"	2.5"	1"	1.25"	2"	1.5"	3.5

PSC 45 DEGREE TURNING HOLDER



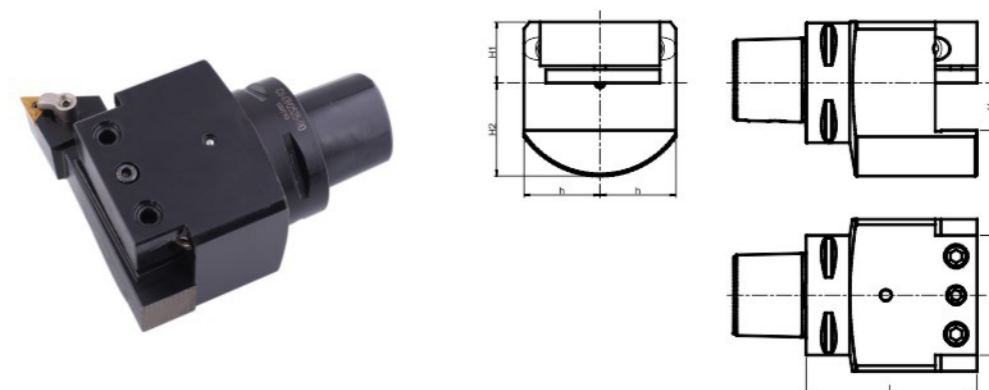
Order Code	L	L1	H	H1	H2	R	C	Weight
C5-ETN2020R-100	100	66	20	25	36	36	45°	1.9
C5-ETN1" x 1"R-4.5"	4.5"	2.75"	1"	1.25"	1.75"	1.75"	45°	1.9
C6-ETN2525R-100	100	80	25	31.5	45	45	45°	2.7
C6-ETN1" x 1"R-4.5"	4.5"	2.75"	1"	1.25"	1.75"	1.75"	45°	2.7



CAUTION

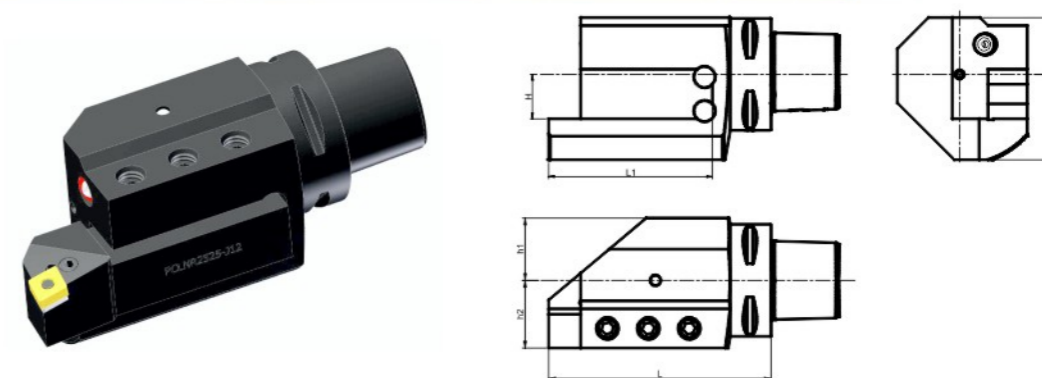
Please trim the square shank holder to L1 dimension for maximum efficiency.

PSC RADIAL TURNING HOLDER

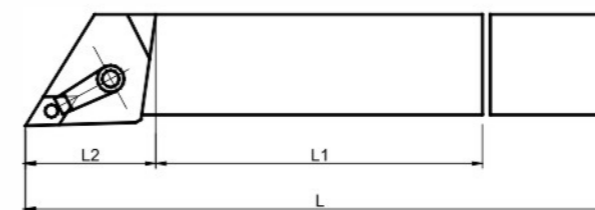


Order Code	L	L1	H	H1	H2	h	Weight
C5-ETH2525-80	80	57	20	32	40	35	2.6
C5-ETH1" x 1"-3.5"	3.5"	2.5"	1"	1.25"	2"	1.5"	2.6
C6-ETH2525-90	90	63	25	32	49.5	40	3.4
C6-ETH1" x 1"-3.5"	3.5"	2.5"	1"	1.25"	2"	1.5"	3.4

PSC AXIAL TURNING HOLDER

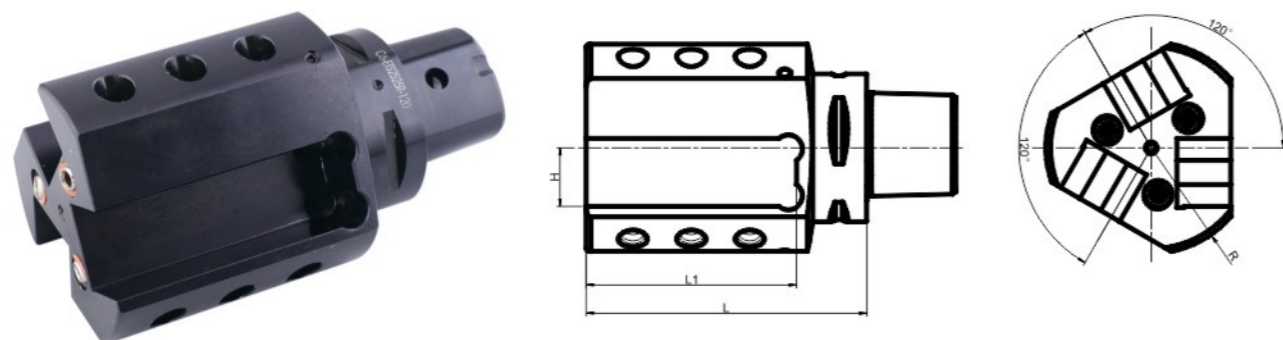


Order Code	L	L1	H	H1	H2	h1	h2	Weight
C5-ETV2525R-100	100	75	20	41	32	30	30	2.6
C5-ETV1" x 1"R-5"	5"	2.5"	1"	2"	1.25"	1.25"	1.5"	2.6
C6-ETV2525R-125	125	92	25	48	32	35	38	3.6
C6-ETV1" x 1"R-5"	5"	2.5"	1"	2"	1.25"	1.25"	1.5"	3.6



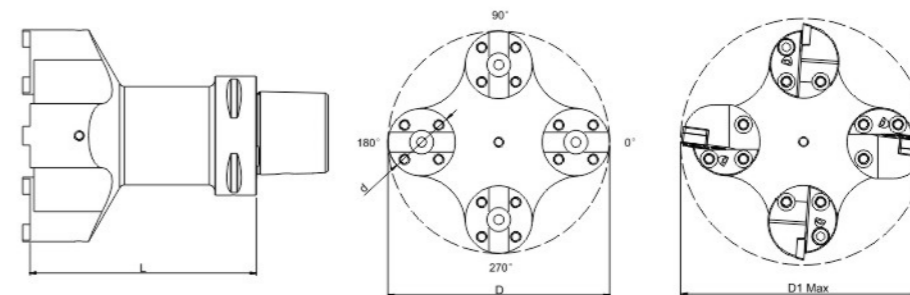
CAUTION

Please trim the square shank holder to L1 dimension for maximum efficiency.



Order Code	L	L1	H	R	Square Shank dimension	Lock Screw	Weight
C5-ETS2020R-100	100	70	20	40	20 x 20	M12-25	2.2
C5-ETS1" x 1"R-4.75"	4.75"	3"	1"	40	1" x 1"	M12-25	2.2
C6-ETS2525R-120	120	90	25	45	25 x 25	M12-25	3.0
C6-ETS1" x 1"R-4.75"	4.75"	3"	1"	45	1" x 1"	M12-25	3.0

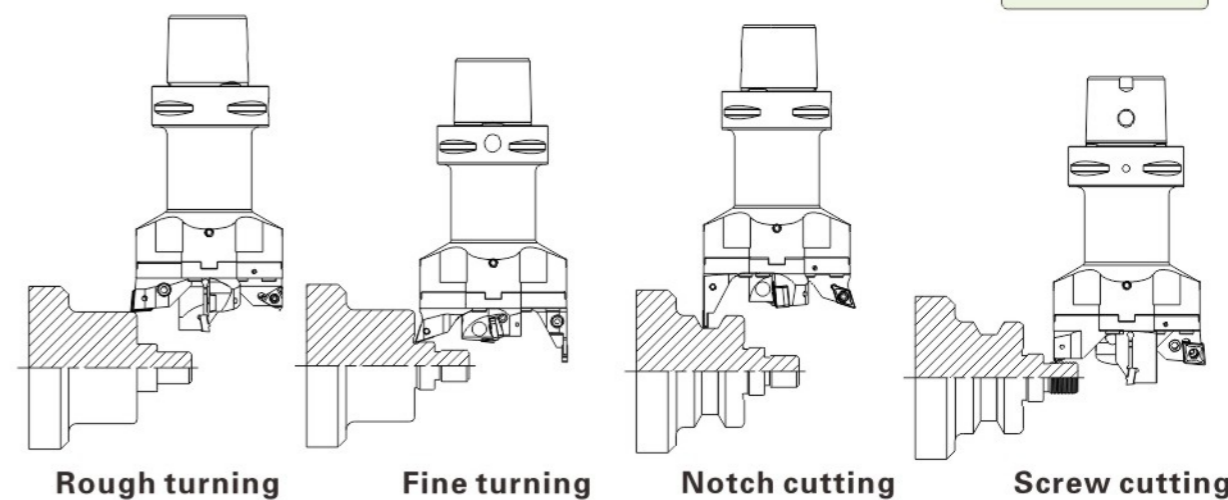
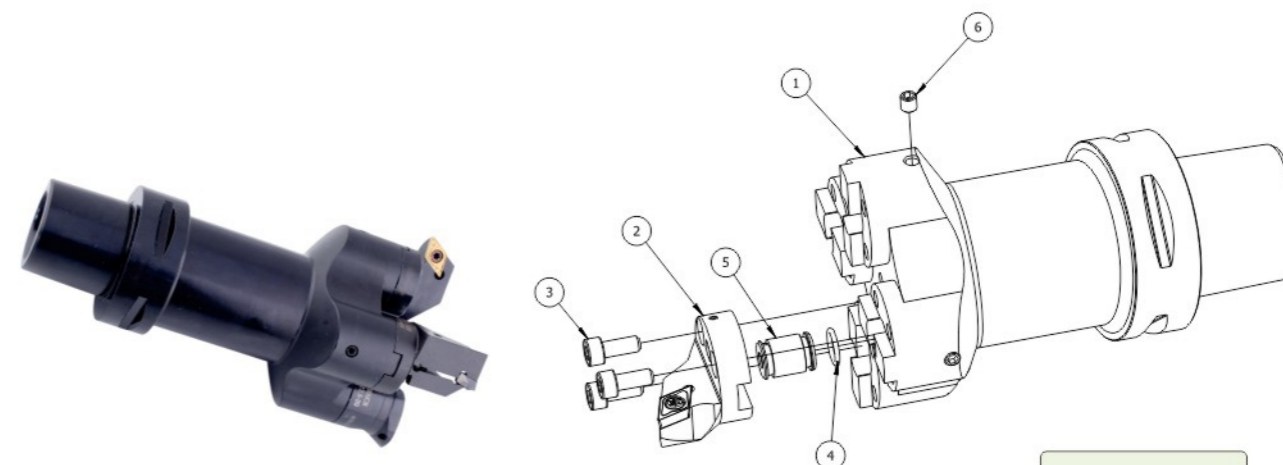
PSC Shank



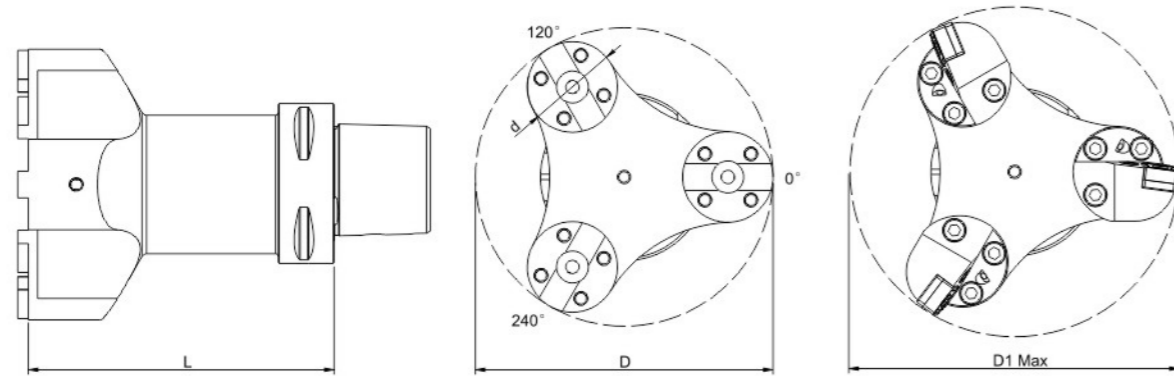
Order Code	L	∅D	∅D1	∅d	Coolant Plug	Lock Screw For The Head	Nozzle	O-Ring	Weight
C5-4MZCDB-D4-D100-120	120	90	100	34	M5-5	M5-20	D4-CSX	D9-1.5	2.7
C5-4MZCDB-D4-D125-120	120	120	125	34	M5-5	M5-20	D4-CSX	D9-1.5	3.2
C6-4MZCDB-D4-D100-120	120	90	100	34	M5-5	M5-20	D4-CSX	D9-1.5	3.1
C6-4MZCDB-D4-D125-120	120	120	125	34	M5-5	M5-20	D4-CSX	D9-1.5	3.7

▲ Adopt modular design, one tool holder can assemble four different cutting heads. One tool has four use. Reduce tool change time. Add the tool magazine capacity. Reduce cost and improve efficiency.

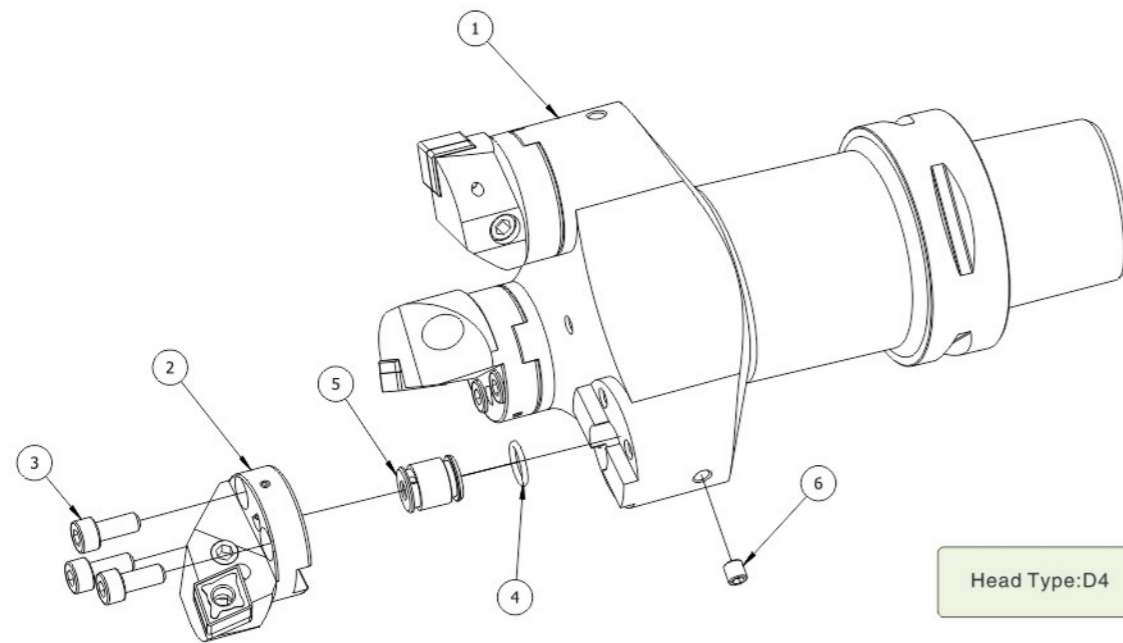
1	2	3	4	5	6
Main Body	Interchangeable Head	Lock Screw For The Head	O-Ring	Nozzle	Coolant Plug



PSC Shank



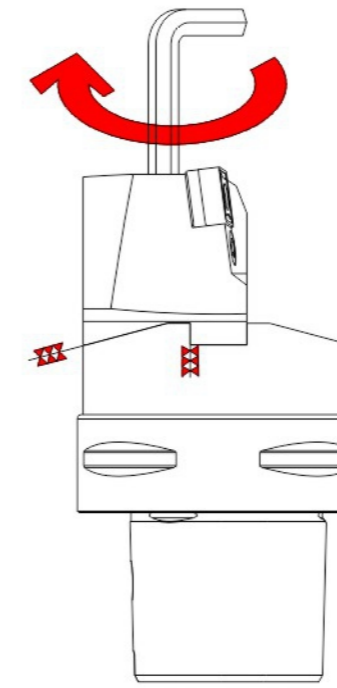
Order Code	L	∅D	∅D1	∅d	Coolant Plug	Lock Screw For The Head	Nozzle	O-Ring	Weight
C5-3MZCDB-D4-D100-120	120	90	100	34	M5-5	M5-20	D4-CSX	D9-1.5	2.2
C5-3MZCDB-D4-D125-120	120	112	125	34	M5-5	M5-20	D4-CSX	D9-1.5	2.8
C6-3MZCDB-D4-D100-120	120	90	100	34	M5-5	M5-20	D4-CSX	D9-1.5	2.6
C6-3MZCDB-D4-D125-120	120	112	125	34	M5-5	M5-20	D4-CSX	D9-1.5	3.2



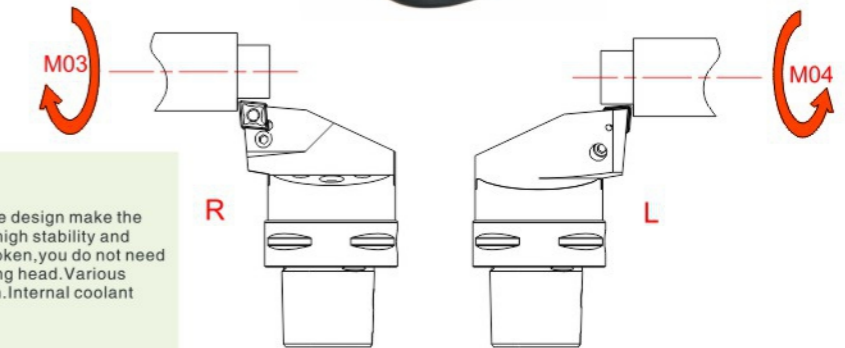
Head Type:D4



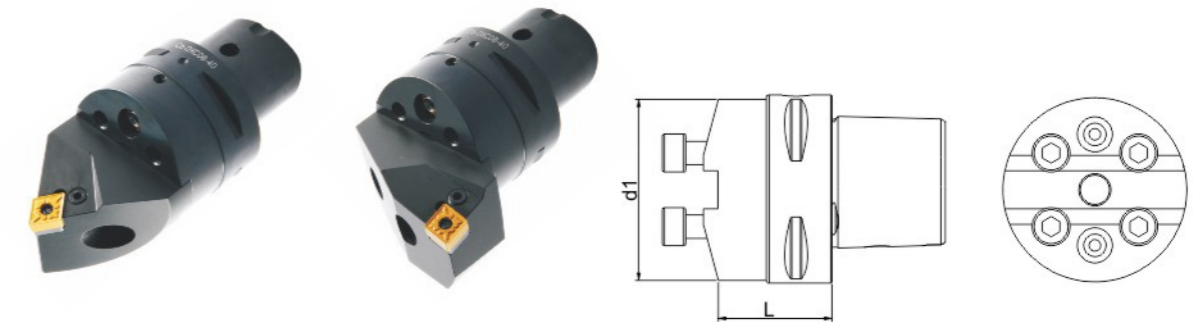
1	2	3	4	5	6
Main Body	Interchangeable Head	Lock Screw For The Head	O-Ring	Nozzle	Coolant Plug



Double oblique surface design, the cutting head can be fixed on any surface, according to different using conditions. Simply by changing the totation direction of the spindle, the right hand can change into left hand.



▲The modular design is patented. Oblique degree design make the cutting head and the holder contact tightly. it has high stability and rigidity. Sub-body design, if the cutting head is broken, you do not need to change the whole holder, only replace the cutting head. Various cutting heads can be chosen, flexible combination. Internal coolant supply with steel ball design, adjustment easily.



obliquity type-CX orthogonal type-DX

Order Code	Head Type	L	∅d1	Lock Screw For The Head	Nozzle	Pin	Weight
C5-DXCDB-40	DX/CX	40	62	M8-20	12 × 8PST	DX-DWX	1.0
C6-DXCDB-40	DX/CX	40	62	M8-20	12 × 8PST	DX-DWX	1.8
C5-DXCDB-80	DX/CX	80	62	M8-20	12 × 8PST	DX-DWX	1.2
C6-DXCDB-80	DX/CX	80	62	M8-20	12 × 8PST	DX-DWX	2.1

Models designations of CAPTO turning holders

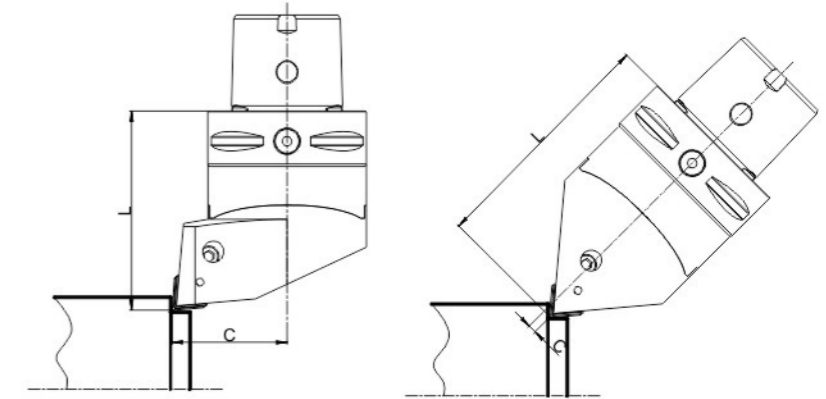
Interface size	Insert clearance	Insert edge length					Tool axle angle(CASE 1)	
C3=PSC32	A 3°	Insert inscribed circle	6.35	7.94	9.525	12.00	12.70	DX orthogonal type
C4=PSC40	B 5°		06	08	09	—	12	CX obliquity type
C5=PSC50	C 7°		07	—	11	—	15	
C6=PSC63	D 15°		11	—	16	—	—	
C8=PSC80	E 20°		—	—	—	12	—	
C8X=PSC80X	F 25°		11	13	16	—	22	
	G 30°		—	—	09	—	12	
	N 0°							
	P 11°							

Clamp mechanism	Insert geometry	Cutting edge geometry	Hand	Tool length
A Back clamp system	C 80°		R	A 32 H 100 P 170
C clamp-on system	D 55°		L	B 40 HX 105 PX 175
D Double clamp system	K 55°		N	BX 45 J 110 Q 180
E Off-set pin system	R 90°			C 50 JX 120 QX 190
M Multi-clamp system	S 90°			CX 55 K 125 R 200
P Pin lock system	T 90°			D 60 KX 130 S 250
S Screw-on system	V 35°			DX 65 KXX 135 T 300
T Taper lock system	W 80°			E 70 L 140 U 350
W Wedge-on system	L 90°			EX 75 LX 145 V 400
	H 120°			F 80 M 150 W 450
	A 85°			FX 85 MX 155 X 500
	B 82°			G 90 N 160 Y 500
	E 75°			GX 95 NX 165
	M 86°			
	O 135°			
	P 108°			

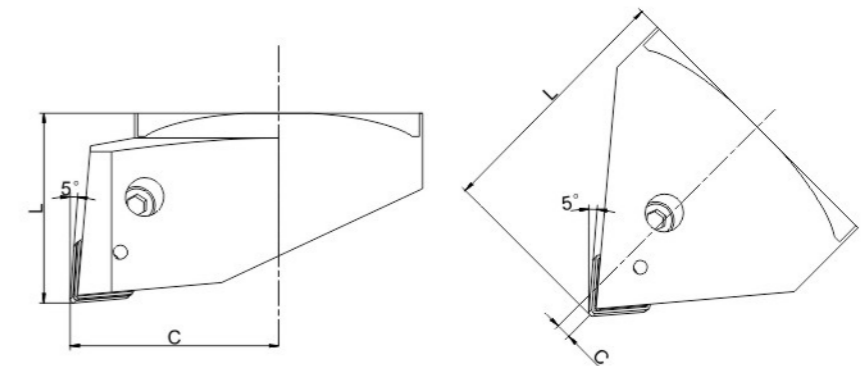
CASE 1

C6-PCLNR-F12-DX C6-PCLNR-GX12-CX

PCLN

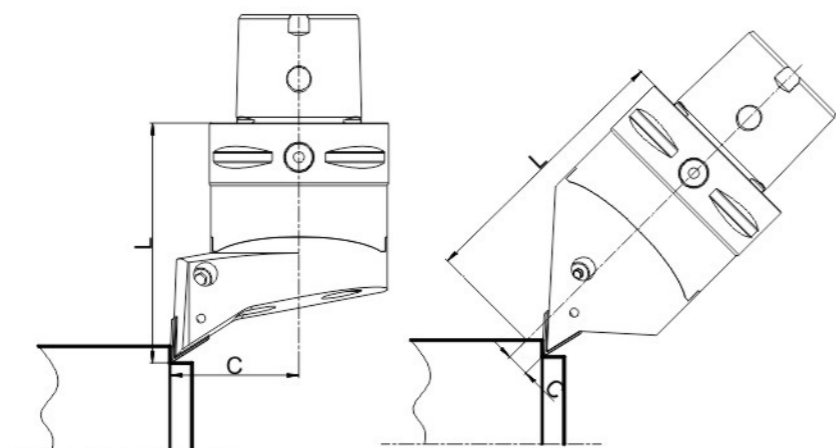


Order Code	C	L	Shank Model	Head Type	Weight
C5-PCLNR-F12-DX	45	80	C5-DXCDB-40	PCLNR-4540-12-DX	1.5
C6-PCLNR-F12-DX	45	80	C6-DXCDB-40		2.3
C5-PCLNR-JX12-DX	45	120	C5-DXCDB-80		1.7
C6-PCLNR-JX12-DX	45	120	C6-DXCDB-80		2.6
C5-PCLNR-GX12-CX	3	95	C5-DXCDB-40	PCLNR-0355-12-CX	1.5
C6-PCLNR-GX12-CX	3	95	C6-DXCDB-40		2.3
C5-PCLNR-KXX12-CX	3	135	C5-DXCDB-80		1.7
C6-PCLNR-KXX12-CX	3	135	C6-DXCDB-80		2.5

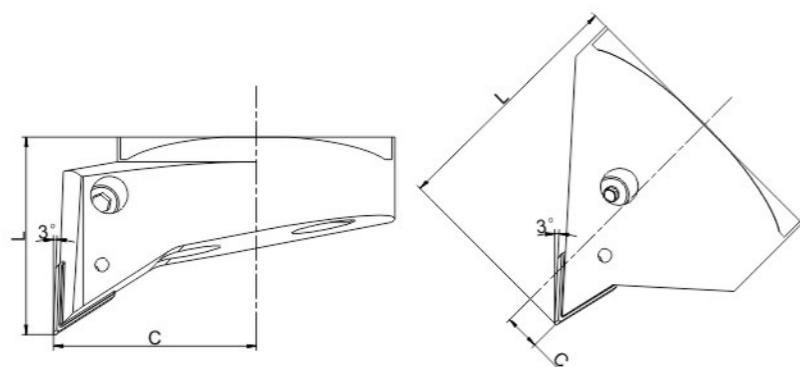


Order Code	C	L	Lever	Lock Screw	Shim	Cshaped washer	Wrench
PCLNR-4540-12-DX	45	40	174.3-841M	174.3-821	171.31-850M	174.3-861	L3
PCLNR-0355-12-CX	3	55					

PDJN

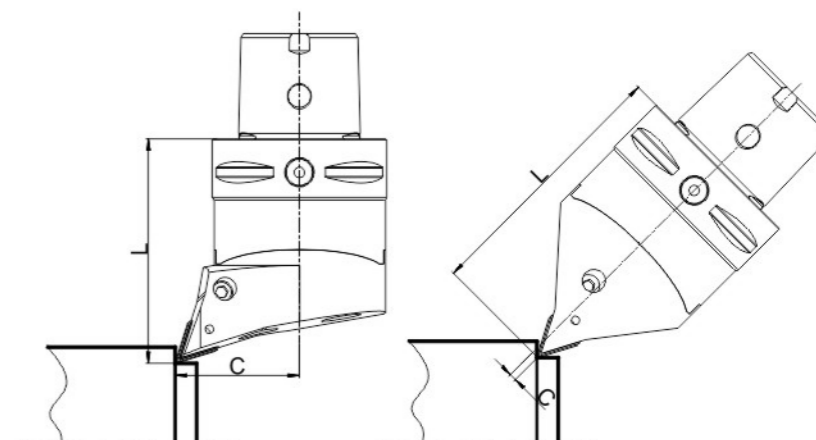
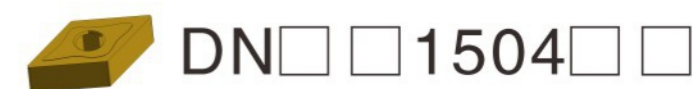


Order Code	C	L	Shank Model	Head Type	Weight
C5-PDJNR-FX15-DX	45	85	C5-DXCDB-40	PDJNR-4545-15-DX	1.4
C6-PDJNR-FX15-DX	45	85	C6-DXCDB-40		2.2
C5-PDJNR-K15-DX	45	125	C5-DXCDB-80		1.6
C6-PDJNR-K15-DX	45	125	C6-DXCDB-80		2.5
C5-PDJNR-GX15-CX	8	95	C5-DXCDB-40	PDJNR-0855-15-CX	1.4
C6-PDJNR-GX15-CX	8	95	C6-DXCDB-40		2.2
C5-PDJNR-KXX15-CX	8	135	C5-DXCDB-80		1.6
C6-PDJNR-KXX15-CX	8	135	C6-DXCDB-80		2.5

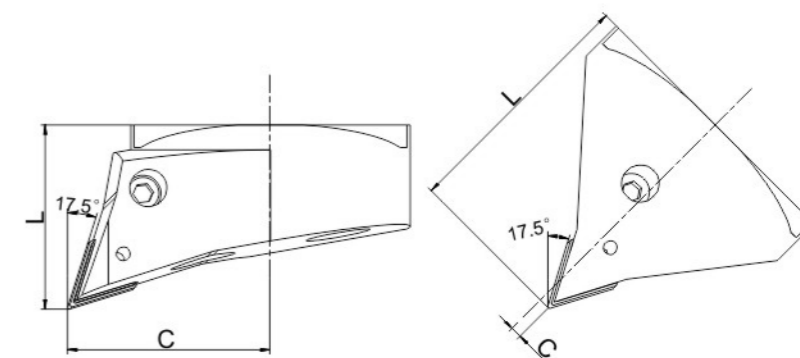


Order Code	C	L	Lever	Lock Screw	Shim	Cshaped washer	Wrench
PDJNR-4545-15-DX	45	45	174.3-847	174.3-821	171.35-851	174.3-861	L3
PDJNR-0855-15-CX	8	55					

PDQN

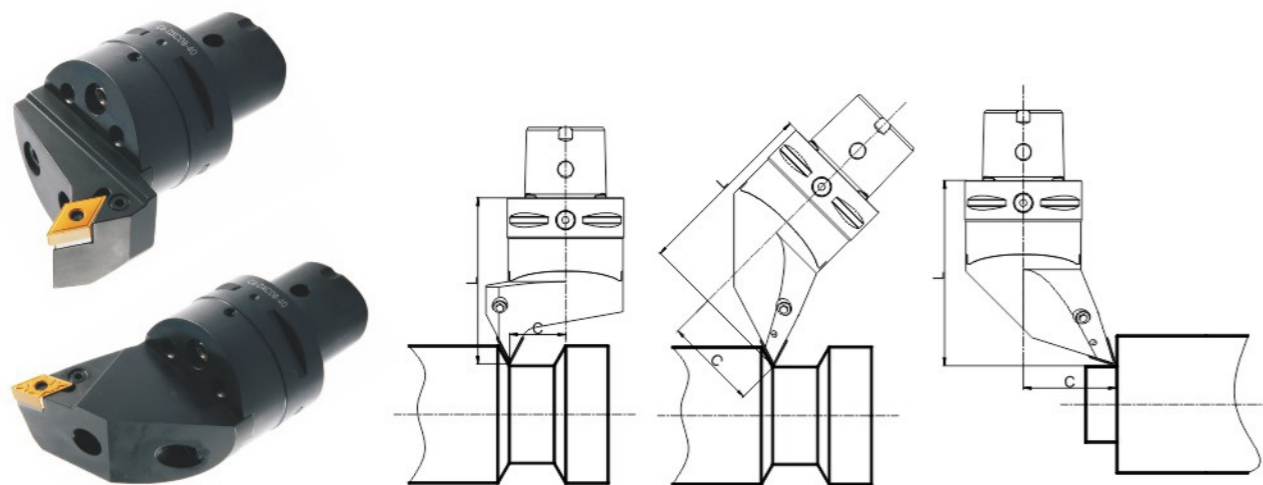
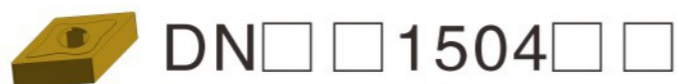


Order Code	C	L	Shank Model	Head Type	Weight
C5-PDQNR-F15-DX	45	80	C5-DXCDB-40	PDQNR-4540-15-DX	1.4
C6-PDQNR-F15-DX	45	80	C6-DXCDB-40		2.2
C5-PDQNR-JX15-DX	45	120	C5-DXCDB-80		1.6
C6-PDQNR-JX15-DX	45	120	C6-DXCDB-80		2.5
C5-PDQNR-GX15-CX	2	95	C5-DXCDB-40	PDQNR-0255-15-CX	1.4
C6-PDQNR-GX15-CX	2	95	C6-DXCDB-40		2.2
C5-PDQNR-KXX15-CX	2	135	C5-DXCDB-80		1.6
C6-PDQNR-KXX15-CX	2	135	C6-DXCDB-80		2.5

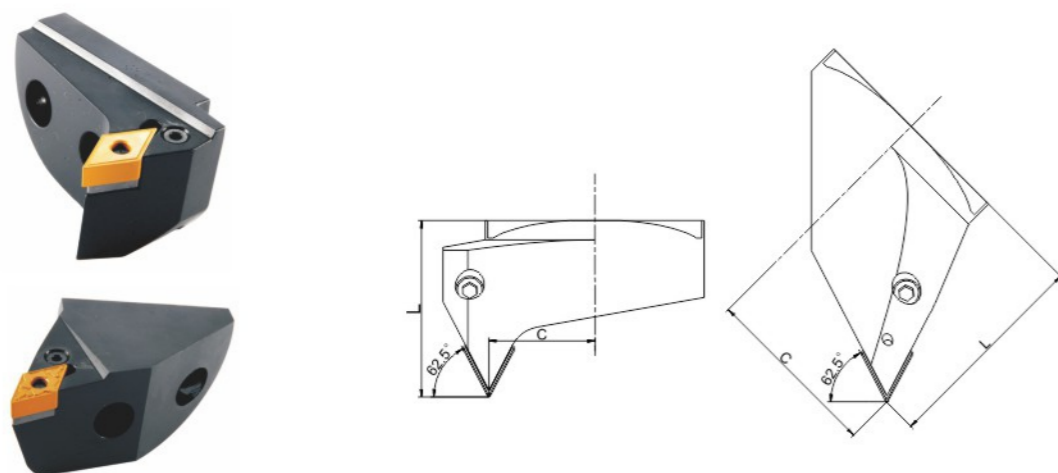


Order Code	C	L	Lever	Lock Screw	Shim	Cshaped washer	Wrench
PDQNR-4540-15-DX	45	40	174.3-847	174.3-821	171.35-851	174.3-861	L3
PDQNR-0255-15-CX	2	55					

■ PDNN

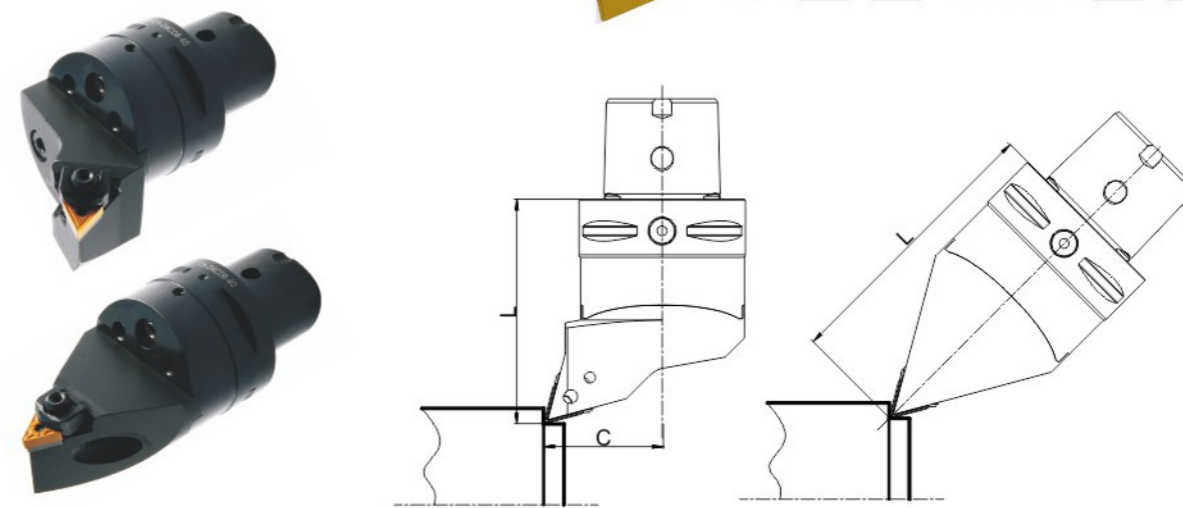


Order Code	C	L	Shank Model	Head Type	Weight
C5-PDNNR-G15-DX	30	90	C5-DXCDB-40	PDNNR-3050-15-DX	1.5
C6-PDNNR-G15-DX	30	90	C6-DXCDB-40		2.3
C5-PDNNR-KX15-DX	30	130	C5-DXCDB-80		1.8
C6-PDNNR-KX15-DX	30	130	C6-DXCDB-80		2.5
C5-PDNNR-H15-CX	50	100	C5-DXCDB-40	PDNNR-5060-15-CX	1.6
C6-PDNNR-H15-CX	50	100	C6-DXCDB-40		2.4
C5-PDNNR-L15-CX	50	140	C5-DXCDB-80		1.8
C6-PDNNR-L15-CX	50	140	C6-DXCDB-80		2.7

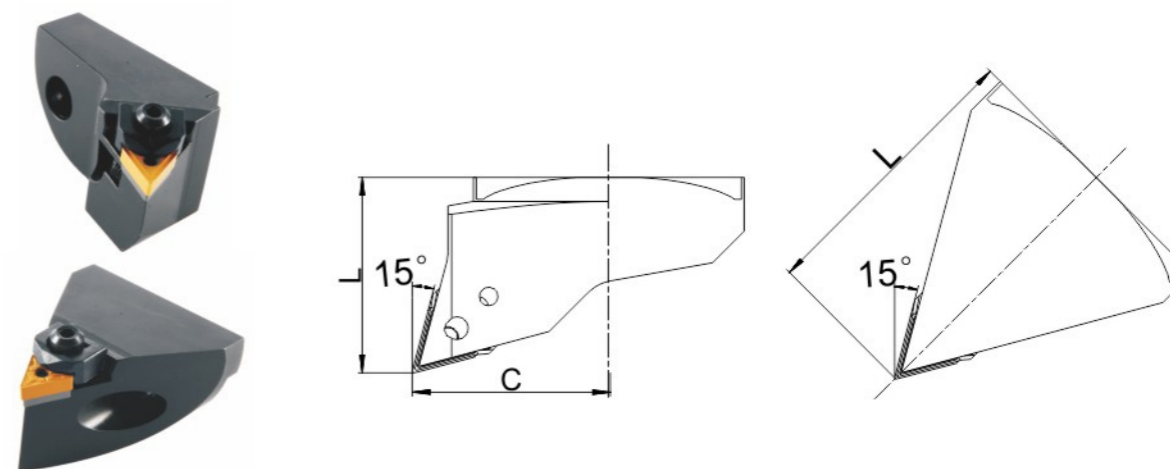


Order Code	C	L	Lever	Lock Screw	Shim	Cshaped washer	Wrench
PDNNR-3050-15-DX	30	50	174.3-847	174.3-821	171.35-851	174.3-861	L3
PDNNR-5060-15-CX	50	60					

■ MTJN

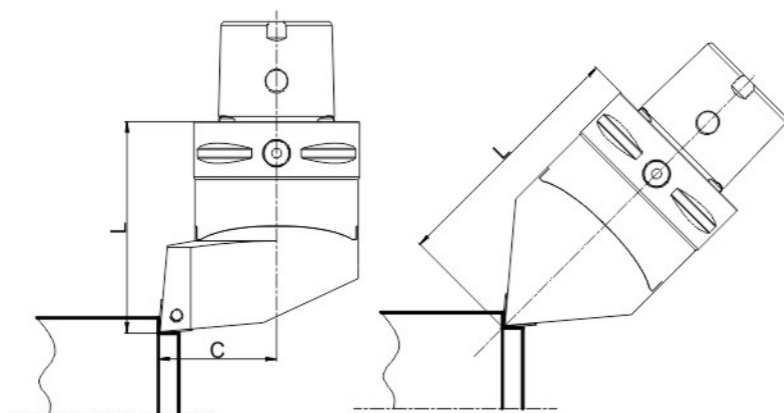


Order Code	C	L	Shank Model	Head Type	Weight
C5-MTJNR-F16-DX	45	85	C5-DXCDB-40	MTJNR-4545-16-DX	1.5
C6-MTJNR-F16-DX	45	85	C6-DXCDB-40		2.3
C5-MTJNR-K16-DX	45	125	C5-DXCDB-80		1.7
C6-MTJNR-K16-DX	45	125	C6-DXCDB-80		2.5
C5-MTJNR-HK16-CX	0	105	C5-DXCDB-40	MTJNR-0065-16-CX	1.5
C6-MTJNR-HK16-CX	0	105	C6-DXCDB-40		2.3
C5-MTJNR-LX16-CX	0	145	C5-DXCDB-80		1.7
C6-MTJNR-LX16-CX	0	145	C6-DXCDB-80		2.6

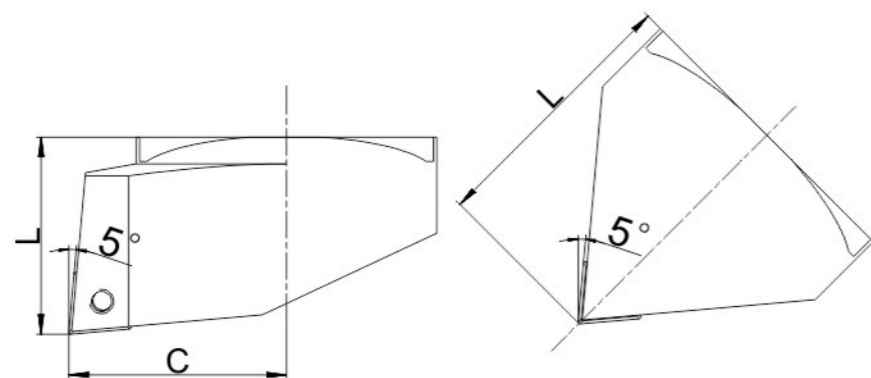


Order Code	C	L	Shim	Lock Screw	Pin	Side Screw	Wrench
MTJNR-4545-16-DX	45	45	170.3-851	170.38-820-1	170.3-870	170.38-845	L4
MTJNR-0065-16-CX	0	65					

■ SCLC

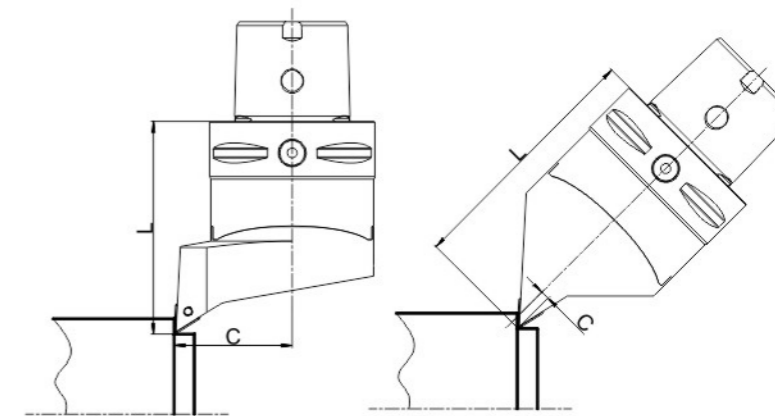


Order Code	C	L	Shank Model	Head Type	Weight
C5-SCLCR-F12-DX	45	80	C5-DXCDB-40	SCLCR-4540-12-DX	1.5
C6-SCLCR-F12-DX	45	80	C6-DXCDB-40		2.3
C5-SCLCR-JX12-DX	45	120	C5-DXCDB-80		1.7
C6-SCLCR-JX12-DX	45	120	C6-DXCDB-80		2.6
C5-SCLCR-GX12-CX	0	95	C5-DXCDB-40	SCLCR-0055-12-CX	1.5
C6-SCLCR-GX12-CX	0	95	C6-DXCDB-40		2.3
C5-SCLCR-KXX12-CX	0	135	C5-DXCDB-80		1.7
C6-SCLCR-KXX12-CX	0	135	C6-DXCDB-80		2.5

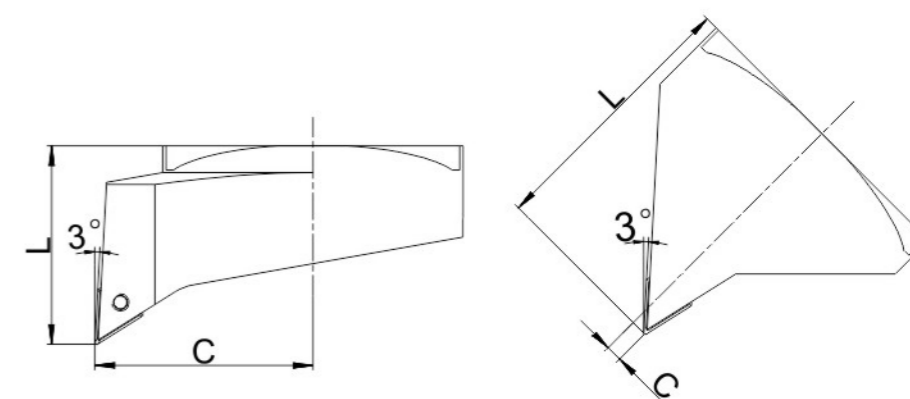


Order Code	C	L	Lock Screw	Wrench
SCLCR-4540-12-DX	45	40	CSTB-5	T-20
SCLCR-0055-12-CX	0	55		

■ SDJC

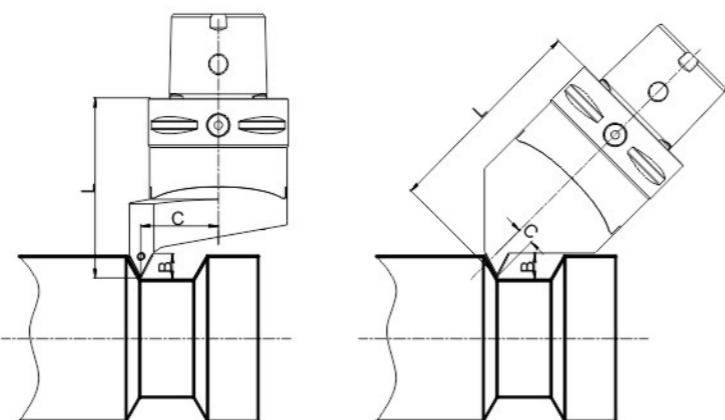


Order Code	C	L	Shank Model	Head Type	Weight
C5-SDJCR-F11-DX	45	80	C5-DXCDB-40	SDJCR-4540-11-DX	1.4
C6-SDJCR-F11-DX	45	80	C6-DXCDB-40		2.2
C5-SDJCR-JX11-DX	45	120	C5-DXCDB-80		1.6
C6-SDJCR-JX11-DX	45	120	C6-DXCDB-80		2.5
C5-SDJCR-GX11-CX	3	95	C5-DXCDB-40	SDJCR-0355-11-CX	1.4
C6-SDJCR-GX11-CX	3	95	C6-DXCDB-40		2.2
C5-SDJCR-KXX11-CX	3	135	C5-DXCDB-80		1.6
C6-SDJCR-KXX11-CX	3	135	C6-DXCDB-80		2.5

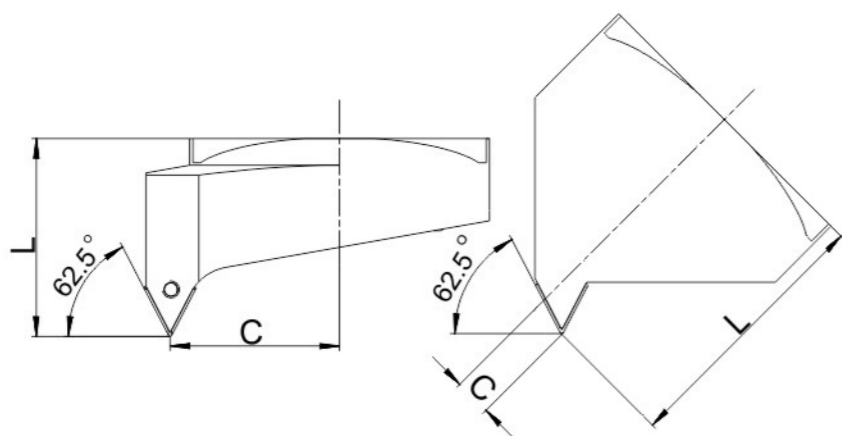
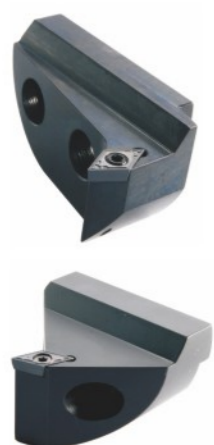


Order Code	C	L	Lock Screw	Wrench
SDJCR-4540-11-DX	45	40	CSTB-4	T-15
SDJCR-0355-11-CX	3	55		

SDNC

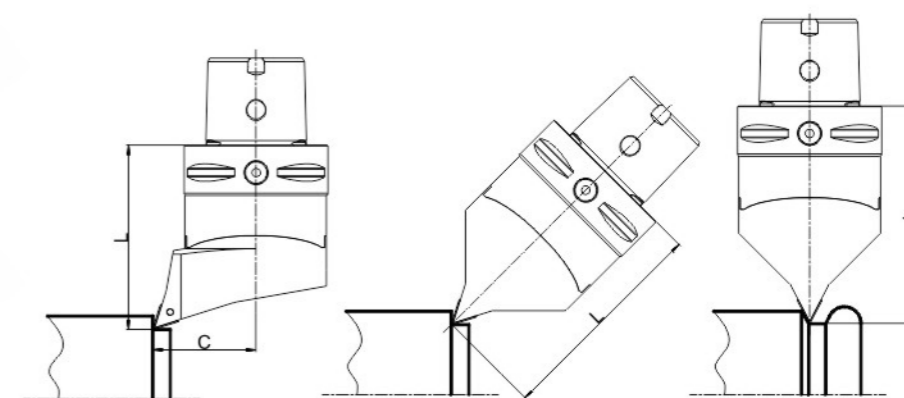


Order Code	C	L	B	Shank Model	Head Type	Weight
C5-SDNCN-F11-DX	35	80	10	C5-DXCDB-40	SDNCN-3540-11-DX	1.4
C6-SDNCN-F11-DX	35	80		C6-DXCDB-40		2.2
C5-SDNCN-JX11-DX	35	120		C5-DXCDB-80		1.6
C6-SDNCN-JX11-DX	35	120		C6-DXCDB-80		2.4
C5-SDNCN-GX11-CX	7	95	7	C5-DXCDB-40	SDNCN-0755-11-CX	1.5
C6-SDNCN-GX11-CX	7	95		C6-DXCDB-40		2.3
C5-SDNCN-KXX11-CX	7	135		C5-DXCDB-80		1.7
C6-SDNCN-KXX11-CX	7	135		C6-DXCDB-80		2.5

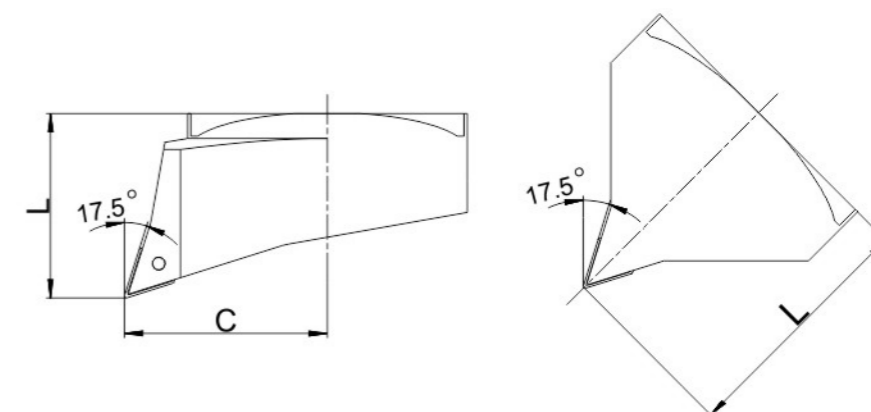
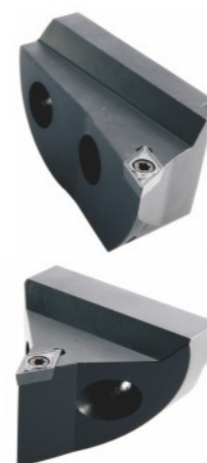


Order Code	C	L	Lock Screw	Wrench
SDNCN-3540-11-DX	35	40	CSTB-4	T-15
SDNCN-0755-11-CX	7	55		

SDQC



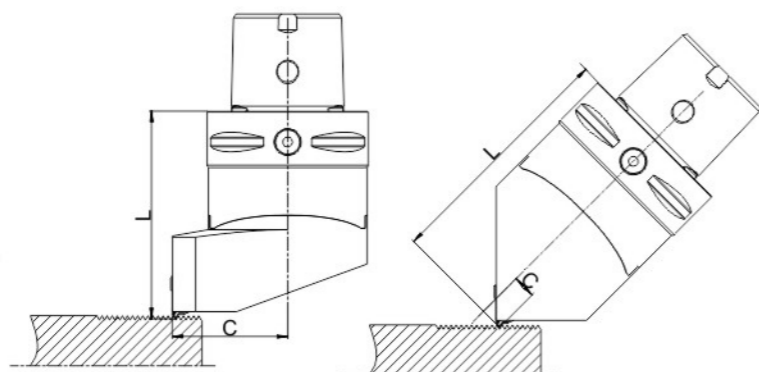
Order Code	C	L	Shank Model	Head Type	Weight
C5-SDQCR-F11-DX	45	80	C5-DXCDB-40	SDQCR-4540-11-DX	1.4
C6-SDQCR-F11-DX	45	80	C6-DXCDB-40		2.2
C5-SDQCR-JX11-DX	45	120	C5-DXCDB-80		1.6
C6-SDQCR-JX11-DX	45	120	C6-DXCDB-80		2.5
C5-SDQCR-GX11-CX	0	95	C5-DXCDB-40	SDQCR-0055-11-CX	1.4
C6-SDQCR-GX11-CX	0	95	C6-DXCDB-40		2.2
C5-SDQCR-KXX11-CX	0	135	C5-DXCDB-80		1.6
C6-SDQCR-KXX11-CX	0	135	C6-DXCDB-80		2.5



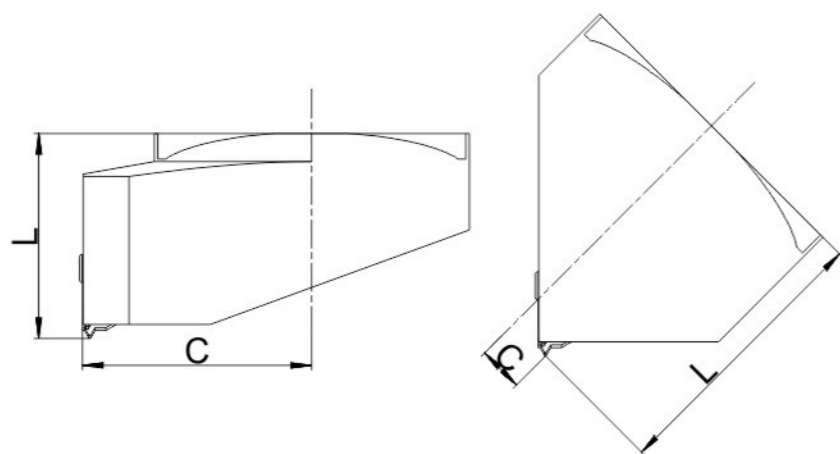
Order Code	C	L	Lock Screw	Wrench
SDQCR-4540-11-DX	45	40	CSTB-4	T-15
SDQCR-0055-11-CX	0	55		

■ SER

ISO 16ER



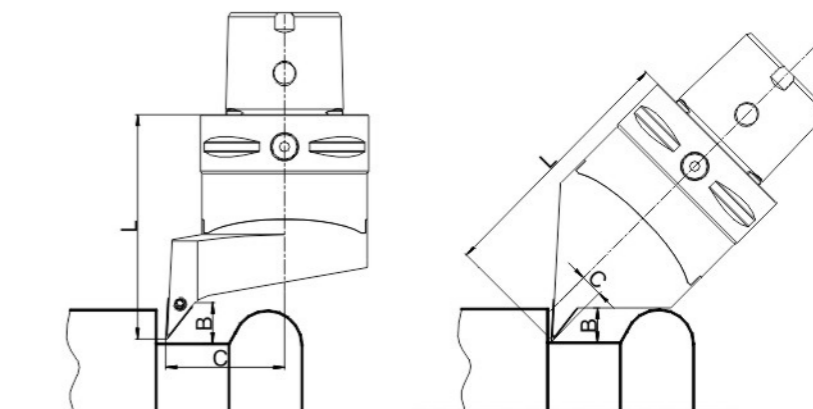
Order Code	C	L	Shank Model	Head Type	Weight
C5-SER-F16-DX	45	80	C5-DXCDB-40	SER-4540-16-DX	1.5
C6-SER-F16-DX	45	80	C6-DXCDB-40		2.3
C5-SER-JX16-DX	45	120	C5-DXCDB-80		1.7
C6-SER-JX16-DX	45	120	C6-DXCDB-80		2.3
C5-SER-GX16-CX	9	95	C5-DXCDB-40	SER-0955-16-CX	1.5
C6-SER-GX16-CX	9	95	C6-DXCDB-40		2.3
C5-SER-KXX16-CX	9	135	C5-DXCDB-80		1.7
C6-SER-KXX16-CX	9	135	C6-DXCDB-80		2.5



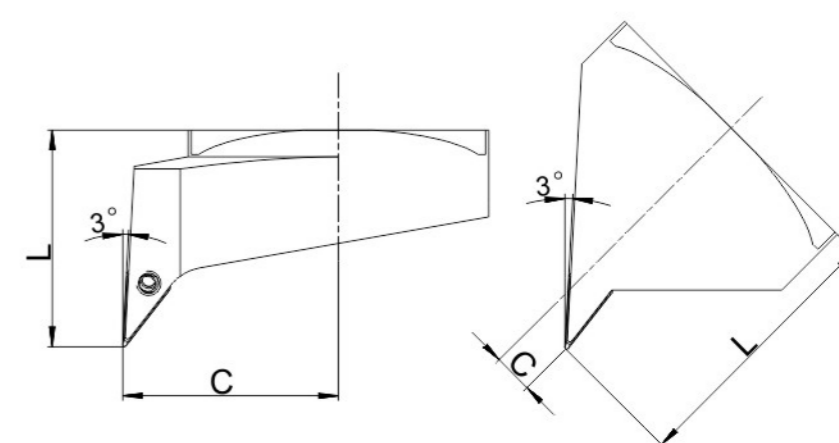
Order Code	C	L	Shim	Lock Screw	Side Screw	Wrench
SER-4540-16-DX	45	40	AE16	CSTB-3.5	M3 x 0.5	L2.5 T-15
SER-0955-16-CX	9	55				

■ SVJC

VC □ □ 1604 □ □

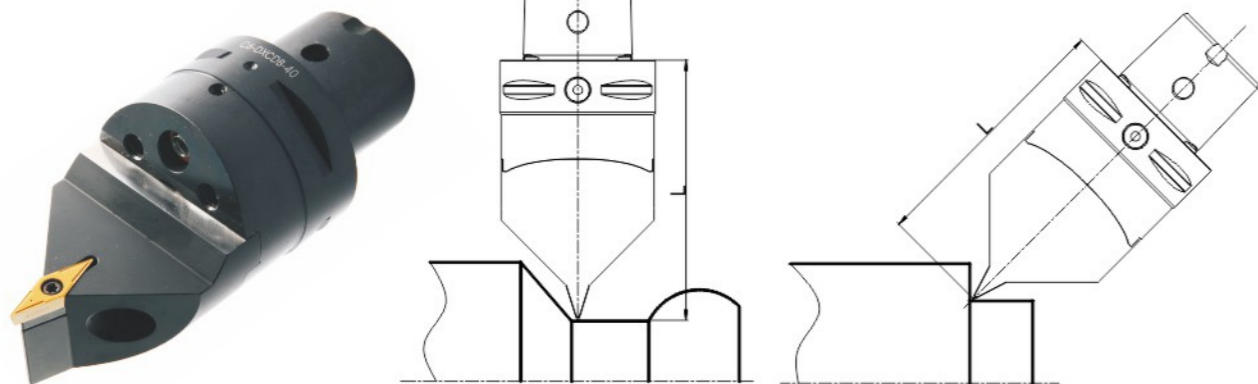


Order Code	C	L	B	Shank Model	Head Type	Weight
C5-SVJCR-FX16-DX	45	85	12	C5-DXCDB-40	SVJCR-4545-16-DX	1.4
C6-SVJCR-FX16-DX	45	85		C6-DXCDB-40		2.2
C5-SVJCR-K16-DX	45	125		C5-DXCDB-80		1.6
C6-SVJCR-K16-DX	45	125		C6-DXCDB-80		2.4
C5-SVJCR-GX16-CX	8	95		C5-DXCDB-40	SVJCR-0855-16-CX	1.4
C6-SVJCR-GX16-CX	8	95		C6-DXCDB-40		2.2
C5-SVJCR-KXX16-CX	8	135		C5-DXCDB-80		1.6
C6-SVJCR-KXX16-CX	8	135		C6-DXCDB-80		2.5

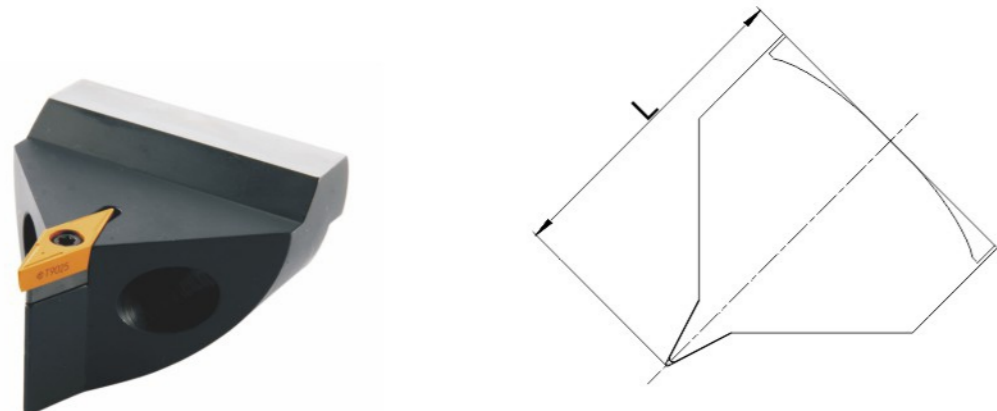


Order Code	C	L	Shim	Lock Screw	Shim Screw	Wrench
SVJCR-4545-16-DX	45	45	SSV32	CSTB-3.5LP	DTS5-3.5	L3.5 T-15
SVJCR-0855-16-CX	8	55				

SVQC

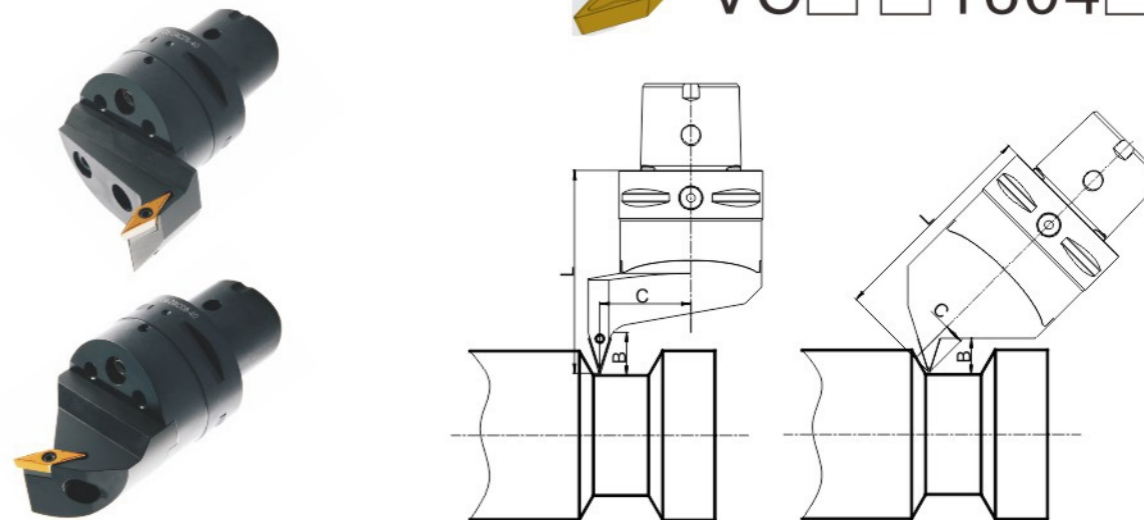
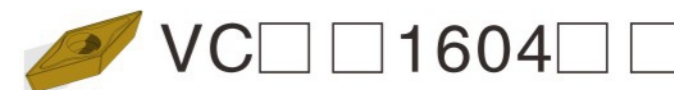


Order Code	C	L	Shank Model	Head Type	Weight
C5-SVQCR-HX16-CX	0	105	C5-DXCDB-40	SVQCR-0065-16S-CX	1.5
C6-SVQCR-HX16-CX	0	105	C6-DXCDB-40		2.3
C5-SVQCR-LX16-CX	0	145	C5-DXCDB-80		1.7
C6-SVQCR-LX16-CX	0	145	C6-DXCDB-80		2.6

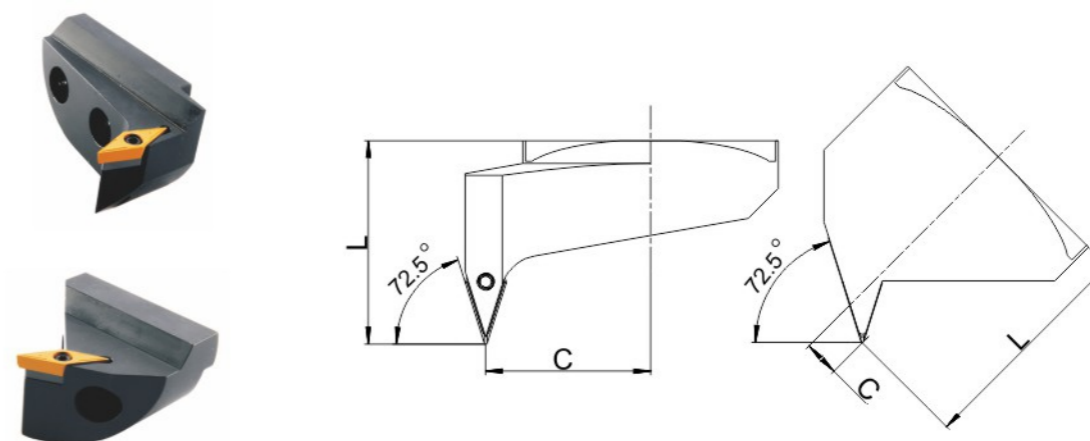


Order Code	C	L	Shim	Lock Screw	Side Screw	Wrench
SVQCR-0065-16S-CX	0	65	SSV32	CSTB-3.5LP	DTS5-3.5	L3.5 T-15

SVVC

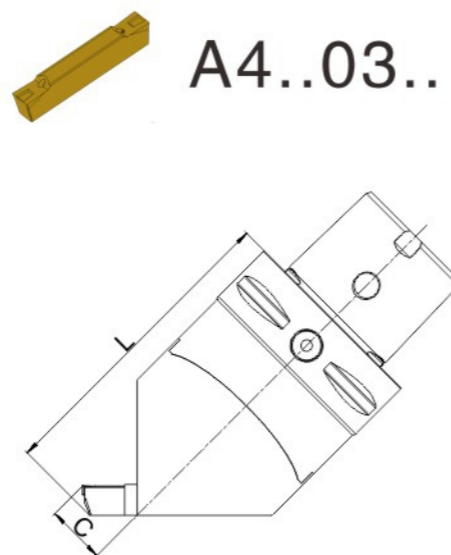
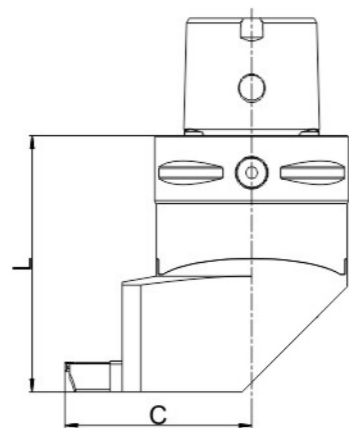


Order Code	C	L	B	Shank Model	Head Type	Weight
C5-SVVCN-G16-DX	40	90	14	C5-DXCDB-40	SVVCN-4050-16-DX	1.4
C6-SVVCN-G16-DX	40	90		C6-DXCDB-40		2.2
C5-SVVCN-KXX16-DX	40	130		C5-DXCDB-80		1.6
C6-SVVCN-KXX16-DX	40	130		C6-DXCDB-80		2.5
C5-SVVCN-GX16-CX	9	95		C5-DXCDB-40	SVVCN-0955-16-CX	1.4
C6-SVVCN-GX16-CX	9	95		C6-DXCDB-40		2.2
C5-SVVCN-KXX16-CX	9	135		C5-DXCDB-80		1.6
C6-SVVCN-KXX16-CX	9	135		C6-DXCDB-80		2.5

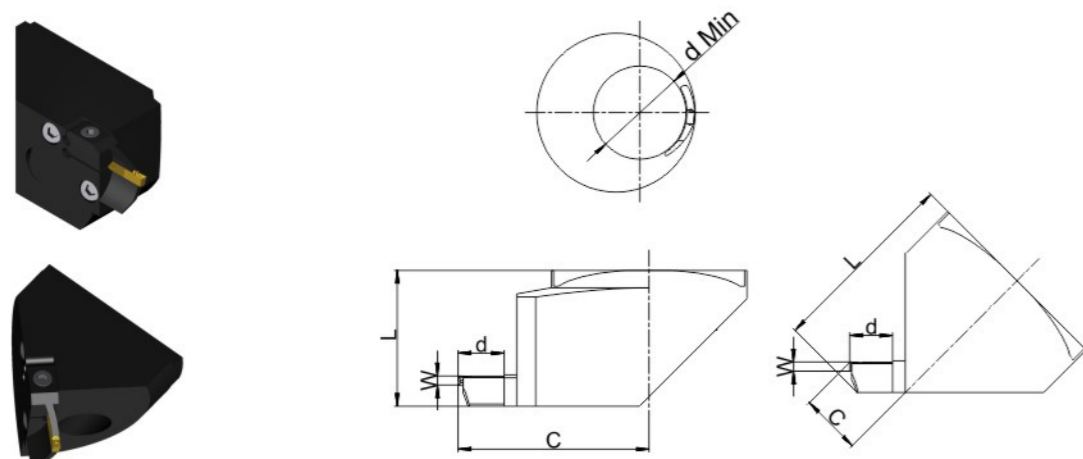


Order Code	C	L	Shim	Lock Screw	Shim Screw	Wrench
SVVCN-4050-16-DX	40	50	SSV32	CSTB-3.5LP	DTS5-3.5	L3.5 T-15
SVVCN-0955-16-CX	9	55				

DMCD

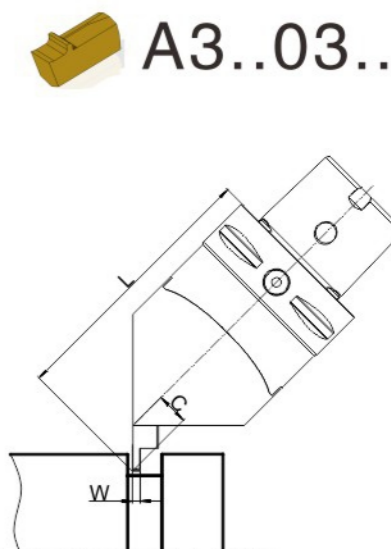
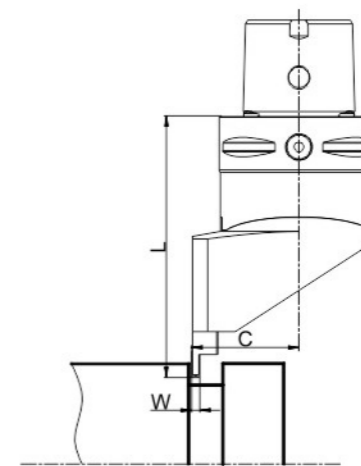


Order Code	C	L	Shank Model	Head Type	Weight
C5-DMCD-FX3-DX	60	85	C5-DXCDB-40	DMCD-6045-3-DX	1.7
C6-DMCD-FX3-DX	60	85	C6-DXCDB-40		2.5
C5-DMCD-K3-DX	60	125	C5-DXCDB-80		1.9
C6-DMCD-K3-DX	60	125	C6-DXCDB-80		2.7
C5-DMCD-H3-CX	19	100	C5-DXCDB-40	DMCD-1960-3-CX	1.5
C6-DMCD-H3-CX	19	100	C6-DXCDB-40		2.3
C5-DMCD-L3-CX	19	140	C5-DXCDB-80		1.7
C6-DMCD-L3-CX	19	140	C6-DXCDB-80		2.6

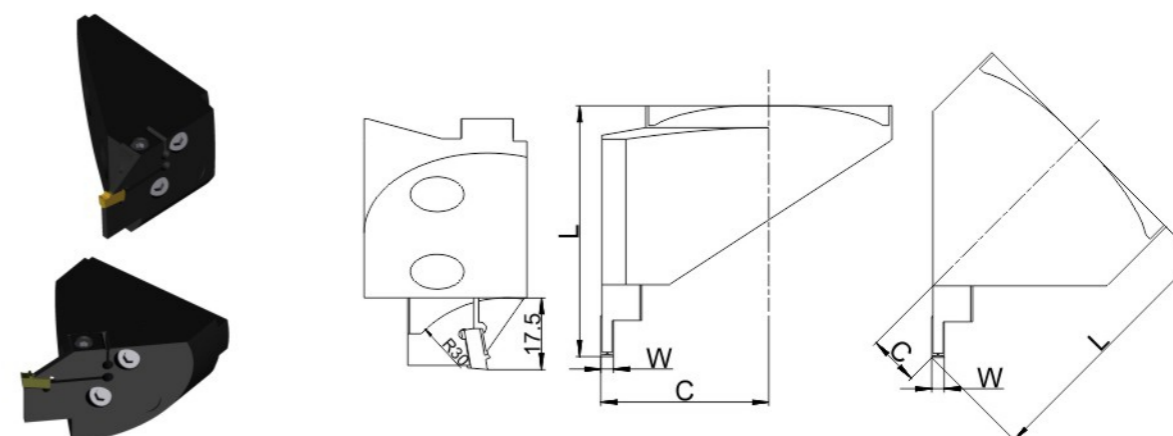


Order Code	C	L	W	d	Cutter Holder Suitable	Lock Screw	Wrench
DMCD-6045-3-DX	60	45	3	17	A4DR3	M5-16 M4-12	L3,L4
DMCD-1960-3-CX	19	60	3	17			

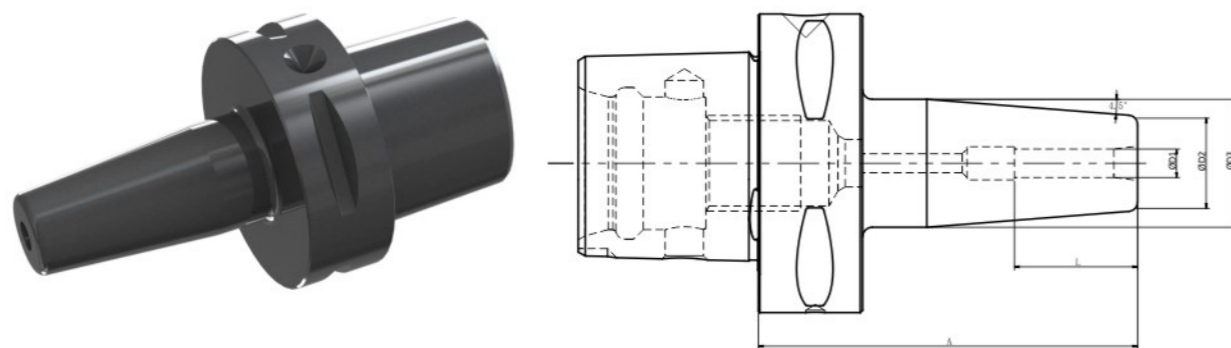
WJCD



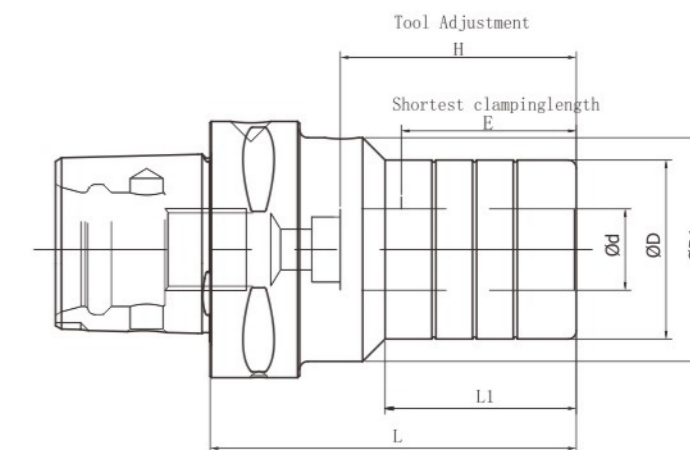
Order Code	C	L	Shank Model	Head Type	Weight
C5-WJCD-H3-DX	45	100	C5-DXCDB-40	WJCD-4560-3-DX	1.6
C6-WJCD-H3-DX	45	100	C6-DXCDB-40		2.4
C5-WJCD-L3-DX	45	140	C5-DXCDB-80		1.8
C6-WJCD-L3-DX	45	140	C6-DXCDB-80		2.6
C5-WJCD-HX3-CX	12	105	C5-DXCDB-40	WJCD-1265-3-CX	1.5
C6-WJCD-HX3-CX	12	105	C6-DXCDB-40		2.3
C5-WJCD-LX3-CX	12	145	C5-DXCDB-80		1.7
C6-WJCD-LX3-CX	12	145	C6-DXCDB-80		2.6



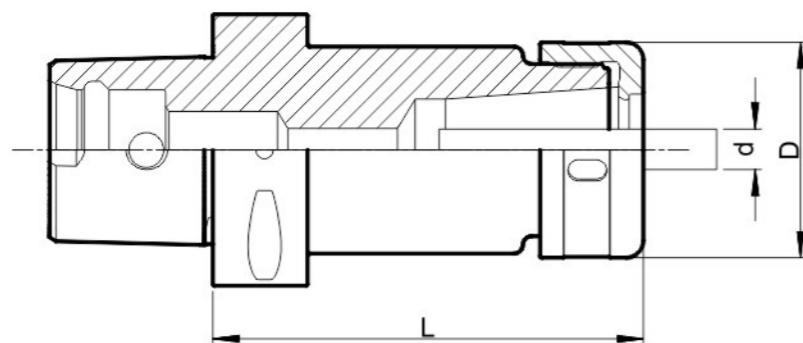
Order Code	C	L	W	d	Cutter Holder Suitable	Lock Screw	Wrench
WJCD-4560-3-DX	45	60	3	17	A4DR3	M5-16 M4-12	L3,L4
WJCD-1265-3-CX	12	65	3	17			



Order Code	A	øD1	øD2	øD3	L
C3-ESF03-80	80	3	10	-	9
-ESF04-80	80	4	10	-	12
-ESF05-80	80	5	10	-	15
-ESF06-80	80	6	21	27	36
-ESF08-80	80	8	21	27	36
C4-ESF03-90	90	3	10	-	9
-ESF04-90	90	4	10	-	12
-ESF05-90	90	5	10	-	15
-ESF06-90	90	6	21	27	36
-ESF08-90	80	8	21	27	36
-ESF10-90	90	10	24	32	42
-ESF12-90	90	12	24	32	47
-ESF14-90	90	14	27	34	47
-ESF16-90	90	16	27	34	50
C5-ESF03-90	90	3	10	-	9
-ESF04-90	90	4	10	-	12
-ESF05-90	90	5	10	-	15
-ESF06-90	90	6	21	27	36
-ESF08-90	80	8	21	27	36
-ESF10-90	90	10	24	32	42
-ESF12-90	90	12	24	32	47
-ESF14-90	90	14	27	34	47
-ESF16-90	90	16	27	34	50
-ESF18-90	90	18	33	42	50
-ESF20-90	90	20	33	42	52
C6-ESF03-90	90	3	10	-	9
-ESF04-90	90	4	10	-	12
-ESF05-90	90	5	10	-	15
-ESF06-90	90	6	21	27	36
-ESF08-90	80	8	21	27	36
-ESF10-90	90	10	24	32	42
-ESF12-90	90	12	24	32	47
-ESF14-90	90	14	27	34	47
-ESF16-90	90	16	27	34	50
-ESF18-90	90	18	33	42	50
-ESF20-90	90	20	33	42	52
-ESF25-100	100	25	44	53	58
-ESF32-100	100	32	44	53	58



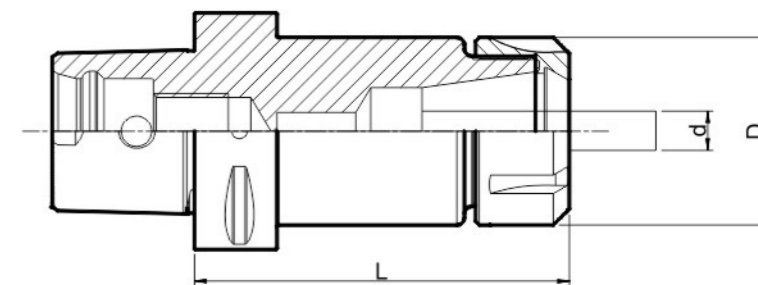
Order Code	d	øD	øD1	L	L1	Tool Adjustment H	Shortest clamping length E	Weight
C5-HDC06-75	6	26	45	85	40	28-50	28	0.7
-HDC08-75	8	28						
-HDC10-75	10	30						
-HDC12-75	12	32	48	105	43	35-55	33	0.7
-HDC16-85	16	38	50					
-HDC20-85	20	42	55	90	47	38-60	38	0.9
-HDC25-105	25	-	63					
-HDC32-105	32	-	75	-	48	43-70	43	0.9
-HDC25-105	25	-	63	-	-	46-70	43	0.9
-HDC32-105	32	-	75	-	-	52-80	52	1.2
-HDC32-105	32	-	75	-	-	56-80	56	1.2
C6-HDC06-90	6	26	45	90	43	28-50	28	1.3
-HDC08-90	8	28						
-HDC10-90	10	30						
-HDC12-90	12	32	48	90	47	33-55	33	1.3
-HDC16-90	16	38	50					
-HDC20-90	20	42	55	-	43	38-60	38	1.4
-HDC25-90	25	-	63	-	47	43-70	43	1.4
-HDC32-90	32	-	75	-	-	52-80	52	1.5
-HDC32-90	32	-	75	-	-	56-80.5	56	1.5



Order Code	L	ØD	Clamping range	Weight
C4-SD06-40	40	20	1.75-6	0.4
-SD10-50	50	29	1.75-10	0.5
-100	100	29	1.75-10	0.6
-SD16-60	60	41	2.75-16	0.5
-SD20-100	100	50	4-20	1
-SD25-100	100	55	6-25	1.2
C5-SD06-45	45	20	1.75-6	0.5
C5-SD06-100	100	20	1.75-6	0.6
C5-SD10-50	50	29	1.75-10	0.7
-SD10-100	100	29	1.75-10	0.9
C5-SD16-65	65	41	2.75-16	1
-SD16-80	80	41	2.75-16	1.1
-100	100	41	2.75-16	1.2
C5-SD20-70	70	50	4-20	1.2
-SD20-100	100	50	4-20	1.3
-150	150	50	4-20	2.0
-SD25-100	100	55	6-25	1.6
-150	150	55	6-25	2.2
C6-SD06-100	100	20	1.75-6	1.0
-SD10-100	100	29	1.75-10	1.1
-SD16-80	80	41	2.75-16	1.3
-100	100	41	2.75-16	1.4
-SD20-100	100	50	4-20	1.5
-150	150	50	4-20	2.2
-SD25-100	100	55	6-25	1.8
-150	150	55	6-25	2.4

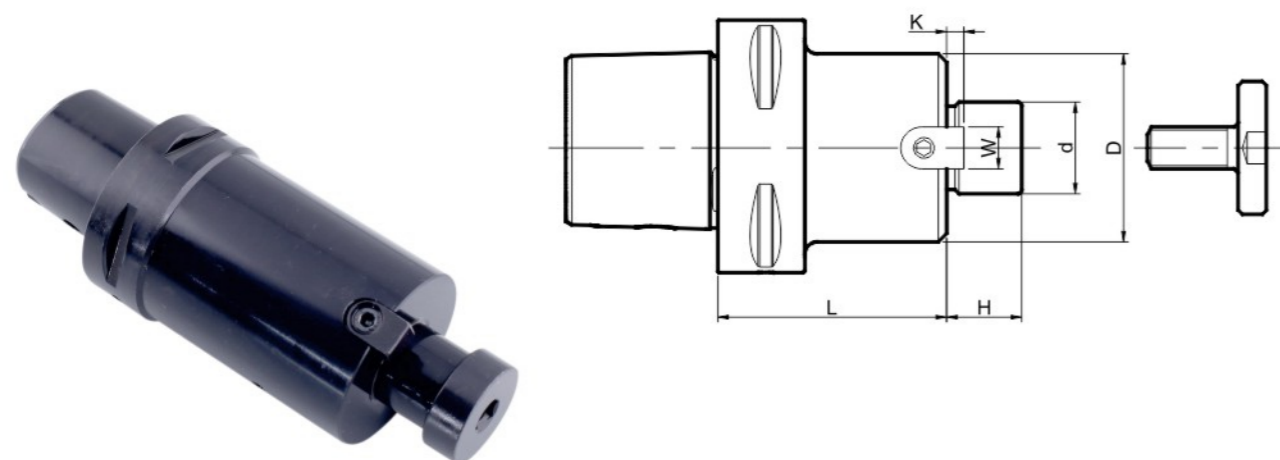
★ Standard contains spanner

★ The above model do not include collet ,please order them separately if necessary.

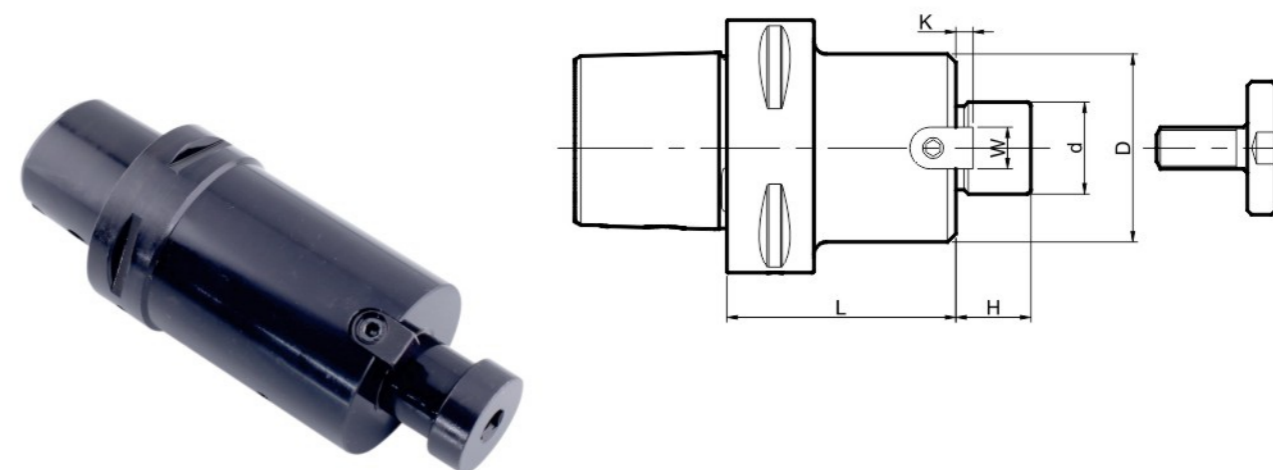


Order Code	L	ØD	Clamping range	Weight
C3-ER11-33	33	19	2.5-7	0.3
ER16-43	43	30	2.0-10	0.5
-50	50	30	2.0-10	0.6
C4-ER16-47	47	30	2.0-10	0.8
-70	70	30	2.0-10	0.9
-100	100	30	2.0-10	1.0
ER20-52	52	34	2.0-13	1.0
-100	100	34	2.0-13	1.2
ER25-52	52	42	2.0-13	1.1
-100	100	42	2.0-13	1.3
ER32-54	54	50	2.0-20	1.2
C5-ER16-100	100	30	0.5-10	1.0
-ER20-100	100	35	1.0-13	1.1
-ER25-60	60	42	1.0-16	1.2
-ER25-100	100	42	1.0-16	1.4
-ER32-60	60	50	2.0-20	1.4
-ER32-100	100	50	2.0-20	1.7
C6-ER16-100	100	30	0.5-10	1.3
-ER20-100	100	35	1.0-13	1.4
-ER25-100	100	42	1.0-16	1.5
-ER32-70	70	50	2.0-20	1.5
-ER32-100	100	50	2.0-20	1.7
-150	150	50	2.0-20	2.4
-ER40-100	100	63	3.0-26	1.8
-150	150	63	3.0-26	2.8

★ The above model do not include spanner and collet,please order them separately if necessary.

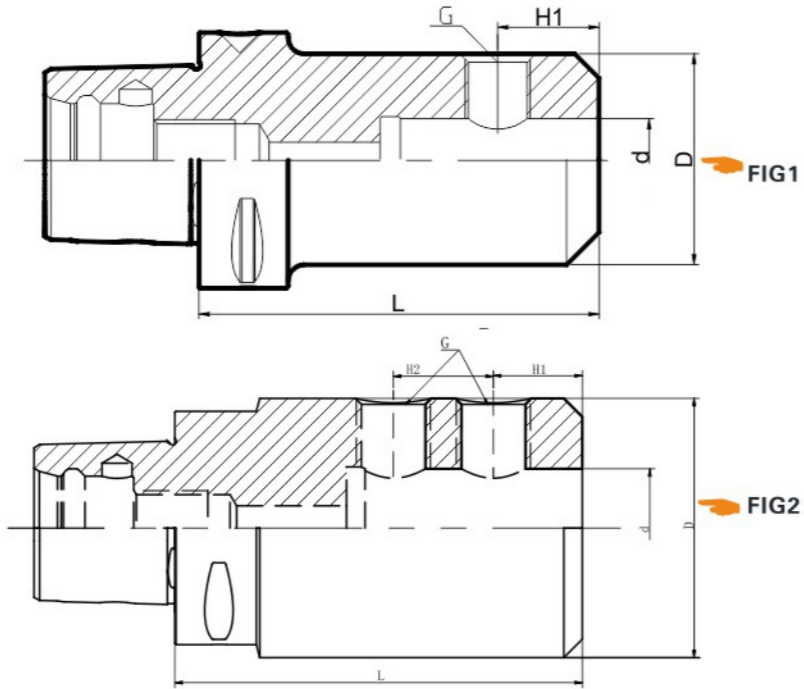


Order Code	L	∅d(h6)	∅D	H	K	W	Weight
C3-FMA19.05-30	30	19.05	44.5	17	4.5	7.8	0.4
C4-FMA19.05-25	25	19.05	44.5	17	4.5	7.8	0.5
FMA25.4-35	35	25.4	50	20	5	9.5	0.6
C5-FMA25.4-50	50	25.4	50	20	5	9.5	0.9
-100	100						1.7
-FMA31.75-50	50	31.75	60	22	7	12.7	1.1
-100	100						2.2
-FMA38.1-50	50	38.1	80	25	9	15.9	1.7
-100	100						3.0
C6-FMA25.4-50	50	25.4	50	20	5	9.5	1.3
-100	100						2.1
-FMA31.75-50	50	31.75	60	22	7	12.7	1.5
-100	100						2.6
-FMA38.1-60	60	38.1	80	25	9	15.9	2.1
-120	120						3.4

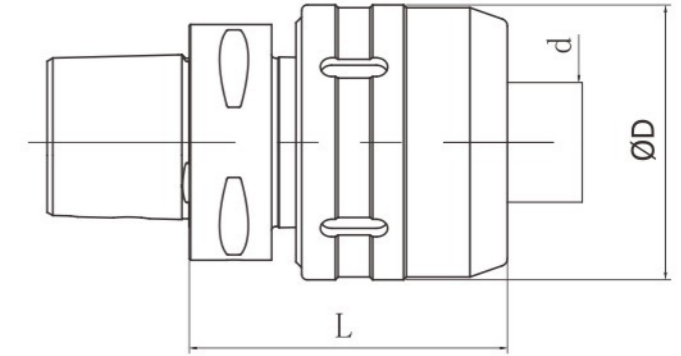


B model use big clamping screw,C model use small clamping screw.

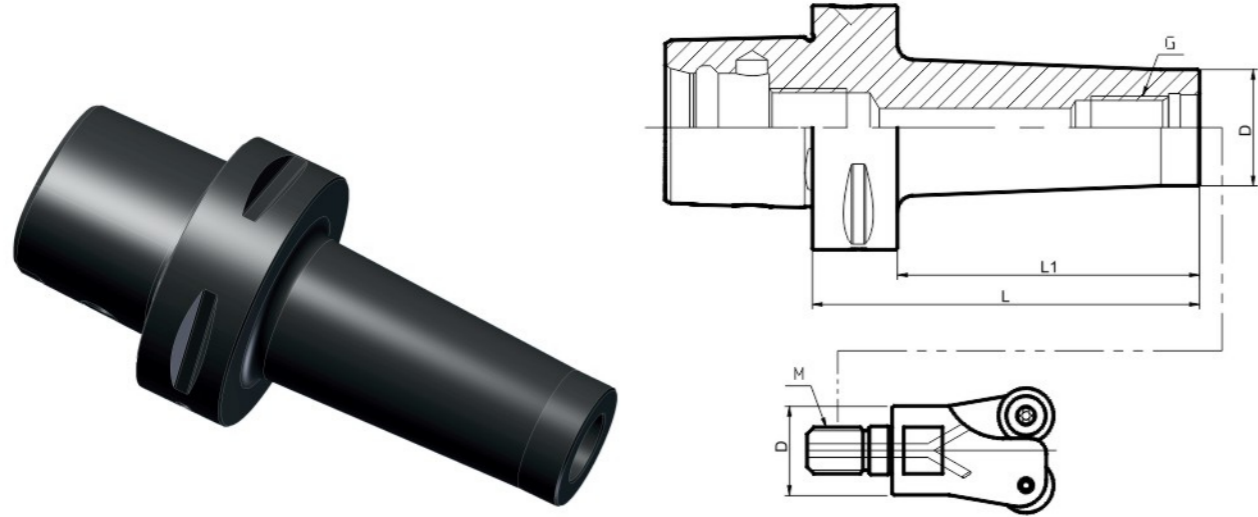
Order Code	L	∅d	∅D	H	K	W	Weight
C3-FMB(C)16-30	30	16	35	17	5	8	0.4
C4-FMB(C)16-32	32	16	35	17	5	8	0.5
-55	55	16	35	17	5	8	0.6
FMB(C)22-55	55	22	48	18	5	10	0.7
C5-FMB(C)22-50	50	22	48	18	5	10	0.9
-70	70						1.2
-120	120						1.4
-FMB(C)27-60	60	27	60	20	6	12	1.1
-120	120						2.2
-FMB(C)32-60	60	32	72	22	7	14	1.5
-120	120						2.9
-FMB(C)40-60	60						40
-120	120	3.7					
C6-FMB(C)22-50	50	22	48	18	5	10	
-100	100						1.8
-FMB(C)27-50	50	27	60	20	6	12	1.5
-100	100						2.6
-FMB(C)32-60	60	32	72	22	7	14	1.9
-120	120						3.3
-FMB(C)40-60	60	40	80	25	8	16	2.8
-120	120						4.1



Order Code	FIG	L	ød	øD	H1	H2	G	Weight		
C4-SL10-60	1	60	10	35	20	—	M10X1.0	0.6		
C4-SL16-56		56	16	48	23		M14X1.5	0.8		
C4-SL20-60		60	20	52	25		M16X1.5	1.0		
C4-SL20-70		70	20	52	25		M16X1.5	1.1		
C4-SL25-77	2	77	25	62	24	25	M18X2.0	1.5		
C4-SL25-90		90	25	62	24		M18X2.0	1.6		
C5-SL06-80	1	80	6	25	18	—	M6x0.75	0.6		
-SL08-80		80	8	28	18		M8x1.0	0.7		
-SL10-80		80	10	35	20		M10x1.0	0.8		
-SL12-90		90	12	42	22.5		M12x1.5	1.0		
SL14-90		90	14	45	23			1.1		
-SL16-100		100	16	48	24		M14x1.5	1.3		
-SL18-100		100	18	50			1.4			
-SL20-100		100	20	52	25		M16x1.5	1.5		
-SL25-110		2	110	25	62		24	25	M18x2.0	2.0
-SL32-110			110	32	63		24		28	M20x2.0
C6-SL06-80	1	80	6	25	18	—	M6x0.75	1.0		
-SL08-80		80	8	28	18		M8x1.0	1.1		
-SL10-80		80	10	35	20		M10x1.0	1.2		
-SL12-90		90	12	42	22.5		M12x1.5	1.4		
SL14-90		90	14	45	23			1.5		
-SL16-100		100	16	48	24		M14x1.5	1.7		
-SL18-100		100	18	50				1.8		
-SL20-100		100	20	52	25		M16x1.5	1.9		
-SL25-110		2	110	25	62		24	25	M18x2.0	2.4
-SL32-110			110	32	63		24		28	M20x2.0



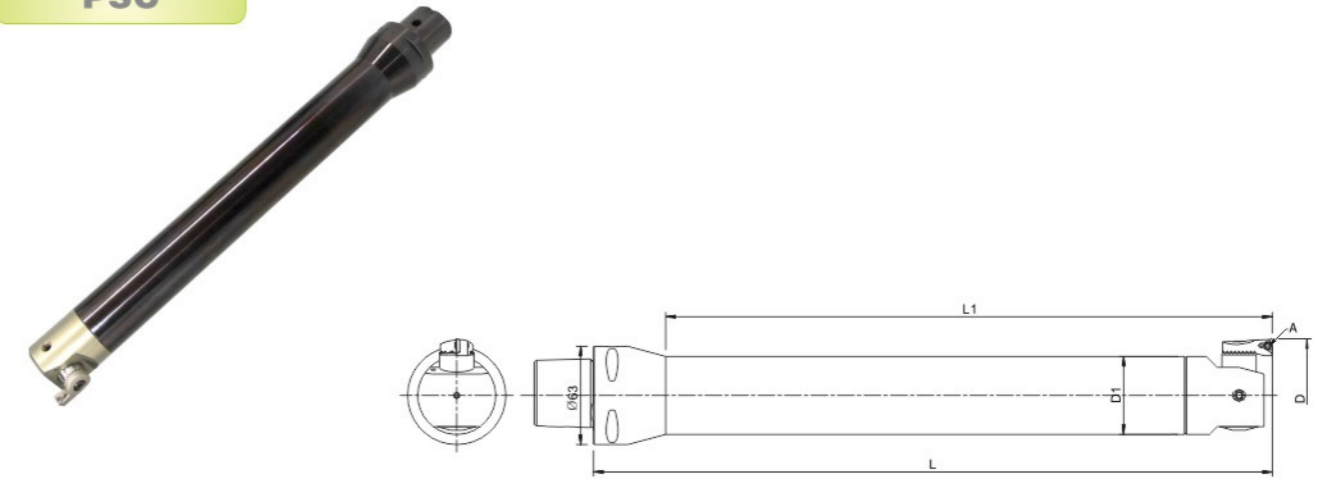
Order Code	L	øD	Clamping range	Weight
C5-EMC20-80	80	53.5	6-20	0.9
-EMC20-135	135	53.5	6-20	1.2
C6-EMC20-80	80	53.5	6-20	1.7
-EMC20-135	135	53.5	6-20	2
-EMC32-90	90	73.5	6-32	2.2
-EMC32-120	120	73.5	6-32	2.9



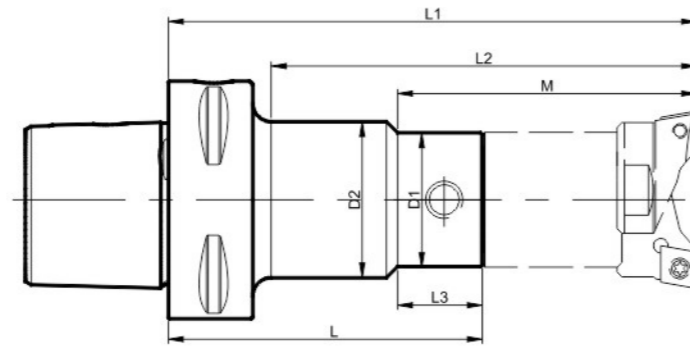
Order Code	L	L1	ØD	G	Weight
C5-EM08-100	100	74	13.8	M8	0.5
-150	150	124			0.6
-EM10-100	100	74	18.5	M10	0.6
-150	150	124			0.7
-EM12-100	100	74	23	M12	0.7
-150	150	124			0.9
-EM16-100	100	74	30	M16	0.8
-150	150	124			1.1
C6-EM08-100	100	74	13.8	M8	0.9
-150	150	124			1.0
-EM10-100	100	74	18.5	M10	1.0
-150	150	124			1.1
-EM12-100	100	74	23	M12	1.1
150	150	124			1.3
-EM16-100	100	74	30	M16	1.2
-150	150	124			1.5

★ The above model do not include small milling head ,please order them separately if necessary..

PSC



Order Code	L	L1	ØD	D1	A
C6-FBN34-44-L240-JZ	278	240	34-44	30	TP□□0802
C6-FBN43-55-L320-JZ	358	320	43-55	40	TP□□0902
C6-FBN43-55-L400-JZ	438	400	43-55	40	TP□□0902
C6-FBN54-76-L400-JZ	438	400	54-76	50	TP□□0902
C6-FBN54-76-L500-JZ	538	500	54-76	50	TP□□0902
C6-FBN75-105-L480-JZ	518	480	75-105	63	TP□□0902
C6-FBN75-105-L600-JZ	638	600	75-105	63	TP□□0902



Order Code	∅D1	∅D2	M	L	L1	L2	L3	Weight
C5-ECK0-100	21	25	85	100	140	109	45	0.6
C5-ECK1-100	23	36	100	100	140	109	60	0.6
-ECK2-100	29	—	114	100	145	114	—	0.8
-125		40	121	125	170	139	76	1.0
-ECK3-100	37	—	128	100	155	128	—	1.0
-125			149	125	180	149		1.2
-ECK4-100	48	—	129	100	160	129	—	1.3
-125			153	125	185	153		1.6
-ECK5-100	60	—	144	100	175	144	—	1.5
-125			169	125	200	169		2.0
C6-ECK0-100	21	25	85	100	140	109	45	1.0
C6-ECK1-100	23	36	100	100	140	109	60	1.0
-ECK2-100	29	—	114	100	145	114	—	1.2
-125		40	121	125	170	139	76	1.4
-ECK3-100	37	—	128	100	155	128	—	1.4
-125			149	125	180	149		1.6
-ECK4-100	48	—	129	100	160	129	—	1.7
-125			153	125	185	153		2.0
-ECK5-100	60	—	144	100	175	144	—	1.9
-125			169	125	200	169		2.4

★ The above model boring holders do not include boring head ,please order them separately if necessary.