



Cutoutil

Metal Carbide Inserts, Turning Tools, Indexable Milling, Carbide Drill

www.cutoutil.com

Cutoutil Precision Limited

Tools For Milling / Turning / Mill & Drill

2014



External turning tools

welcome to send us enquiry . we will always satisfy your request .

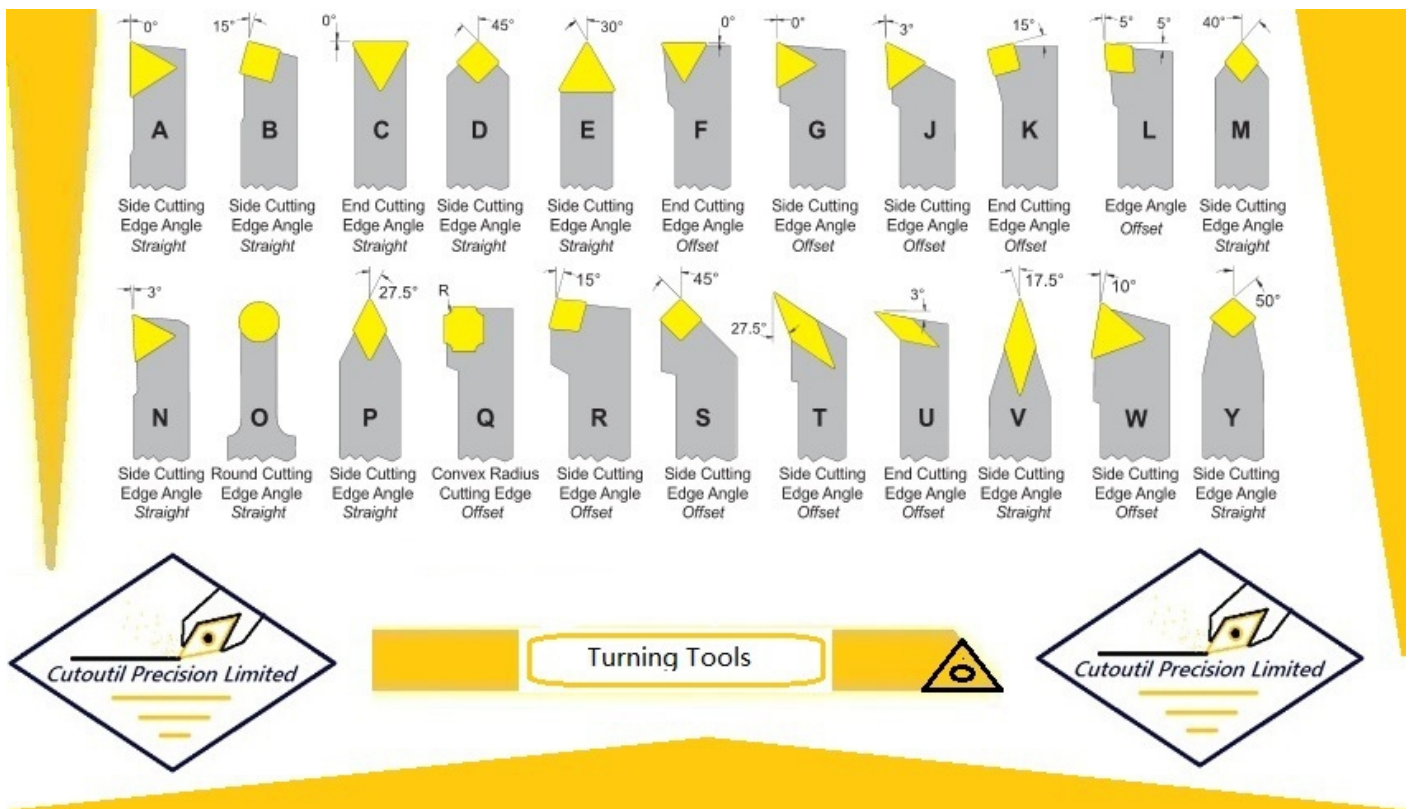
We are a professional Supplier specializing producing turning tools ,milling tools and u drill in Changsha city where is famous for carbide tools in China . ny non-standard toolholders can be produced according to your request. Cheap offer for

ZCC ,Korloy ,Kyocera ,Sumitomo ,Mitsubishi ,Sandvik ,Lamina etc . Welcome to enquiry

cutoutil@hanvitools.com

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About Us :

Cutoutil Precision is a professional company specialized in cutting tools ,Diamond tools,Machine Accessories and measuring tools . Since 2009 , we export various cutting tools to Europe , South/North America, Mid-East and Asia and established long-term business relationship with each other.

The scope of main products included indexable toolholders, Carbide End Mills,Carbide Ball End Mills ,Carbide Drills & milling cutter ,carbide inserts and ER collets ,chucks etc . Besides ,we also supply OEM service .

Our principle is always “high quality ,mutual benefits ,fast delivery” . It is saying highest quality tools at the most competitive price with the shortest delivery time . Quality control is the most important . Any comments on quality will be taken seriously .

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Content

M Type External Turning Tools Holders	P01 - P10
P Type External Turning Tools Holders	P11 - P17
S Type External Turning Tools Holders	P18 - P28
C Type External Turning Tools Holders	P29 - P31
D Type External Turning Tools Holders	P32 - P37
W Type External Turning Tools Holders	P38 - P39
Proudut Preview	P40 - P51



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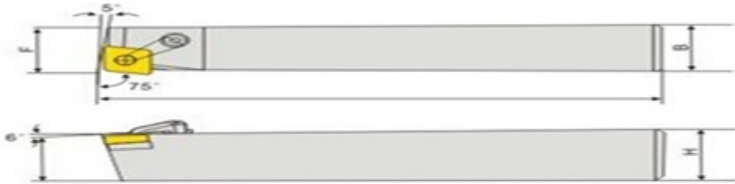
Turning Tools

Type M

P01

External

MCBNR/L

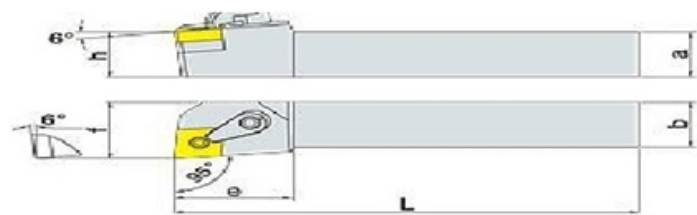


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Type	Dimension (mm)							Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e							
MCBNR/L 2020K12	20	20	125	20	17	32	CN □□ 1204 □□	WS061025	MC1204	S3	MCL1814	MSP617	
2525M12	25	25	150	25	22	32		WS061030					
3225P12	32	25	170	32	22	32							
2525M16	25	25	150	25	22	40	CN □□ 1606 □□	WS061030	MC1604	S3	MCL2114	MSP821	
3225P16	32	25	170	32	22	40							
3232P16	32	32	170	32	27	40							
3232P19	32	32	170	32	27	45	CN □□ 1906 □□	WS081030	MC1904	S4	MCL2217	MSP1021	
4040R19	40	40	200	40	35	45							

MCLNR/L



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Type	Dimension (mm)							Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e							
MCLNR/L 1616H12	16	16	100	16	20	32	CN □□ 1204 □□		WS061025	MC1204	S3	MCL1814	MSP617
2020K12	20	20	125	20	25	32			WS061030				
2525M12	25	25	150	25	32	32			WS061030	MC1604	S3	MCL2114	MSP821
3225P12	32	25	170	32	32	32							
3232P12	32	32	170	32	40	32							
2525M16	25	25	150	25	32	38	CN □□ 1606 □□		WS061030	MC1604	S3	MCL2114	MSP821
3225P16	32	25	170	32	32	38							
3232P16	32	32	170	32	40	38							
3232P19	32	32	170	32	40	45							
4040R19	40	40	200	40	50	45	CN □□ 1906 □□		WS081030	MC1904	S4	MCL2217	MSP1021

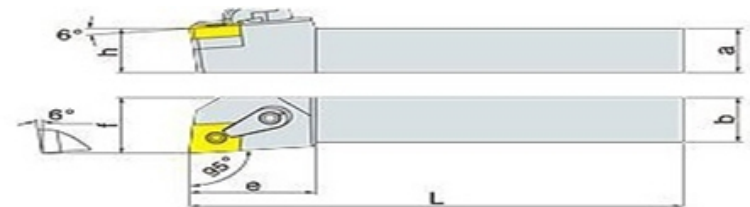
Turning Tools

Type M

P02

External

MCKNR/L

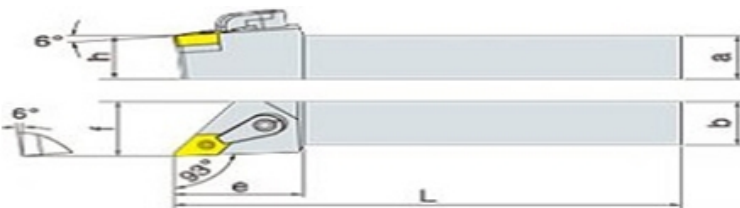


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Type	Dimension (mm)						Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
MCKNR/L 2020K12	20	20	125	20	17	32	CN □□ 1204 □□	WS061025	MC1204	S3	MCL1814	MSP617
2525M12	25	25	150	25	22	32		WS061030				
3225P12	32	25	170	32	22	32						
2525M16	25	25	150	25	22	40	CN □□ 1606 □□	WS061030	MC1604	S3	MCL2114	MSP821
3225P16	32	25	170	32	22	40						
3232P16	32	32	170	32	27	40						
3232P19	32	32	170	32	27	45	CN □□ 1906 □□	WS081030	MC1904	S4	MCL2217	MSP1021

MDJNR/L

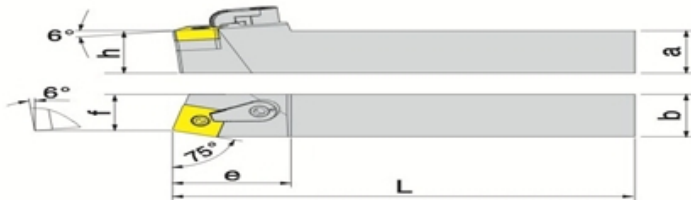


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Type	Dimension (mm)						Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
MDJNR/L 1616H11	16	16	100	16	20	32	DN □□ 1104 □□	WS061025	MD1103	S2 S3	MCL1814	MSP513
2020K11	20	20	125	20	25	32		WS061030				
2525M11	25	25	150	25	32	32						
3225P11	32	25	170	32	32	32						
2020K1504/06	20	20	125	20	25	38	DN □□ 1504 □□ DN □□ 1506 □□	WS061025	MD1504	S3	MCL2114	04:MSP617 06:MSP619
2525M1504/06	25	25	150	25	32	38		WS061030				
3225P1504/06	32	25	170	32	32	38						
3232P1504/06	32	32	170	32	40	38						
4040R15	40	40	170	40	48	45						

MSBNR/L

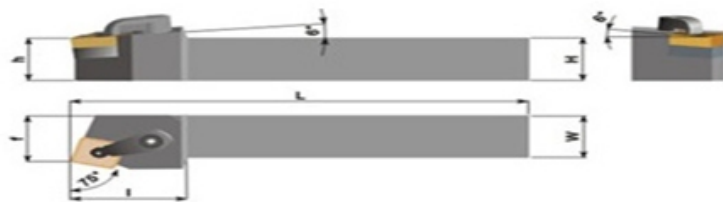


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Type	Dimension (mm)						Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
MSBNR/L 2020K12	20	20	125	20	17	32	SN □□ 1204 □□	WS061025	MS1204	S3	MCL1814	MSP6017
2525M12	25	25	150	25	22	32		WS061030				
3225P12	32	25	170	32	22	32						
2525M15	25	25	150	25	22	38	SN □□ 1506 □□	WS061030	MS1504	S3	MCL2114	MSP821
3232P15	32	32	170	32	29	38						
3232P19	32	32	170	32	27	45	SN □□ 1906 □□	WS061030	MS1904	S4	MCL2117	MSP1021
4040R19	40	40	200	40	35	45						
4040S25	40	40	250	40	35	60	SN □□ 2509 □□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MSRNR/L

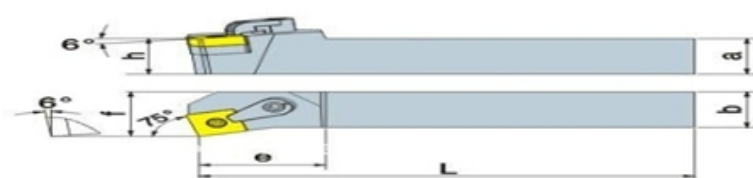


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Type	Dimension (mm)						Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
MSRNR/L 2020K12	20	20	125	20	17	32	SN □□ 1204 □□	WS061025	MS1204	S3	MCL1814	MSP617
2525M12	25	25	150	25	22	32		WS061030				
3225P12	32	25	170	32	22	32						
2525M15	25	25	150	25	22	38	SN □□ 1506 □□	WS061030	MS1504	S3	MCL2114	MSP821
3232P15	32	32	170	32	29	38	SN □□ 1906 □□	WS061030	MS1904	S4	MCL2117	MSP1021
3232P19	32	32	170	32	27	45						
4040R19	40	40	200	40	35	45						
4040S25	40	40	250	40	35	60	SN □□ 2509 □□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MSKNR/L

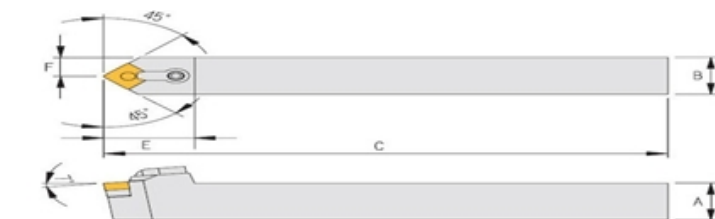


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Type	Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
MSKNR/L 2020K12	20	20	125	20	25	32	SN □□ 1204 □□	WS061025	MS1204	S3	MCL1814	MSP617
2525M12	25	25	150	25	32	32		WS061030				
3225P12	32	25	170	32	32	32						
2525M15	25	25	150	25	32	38	SN □□ 1506 □□	WS061030	MS1504	S3	MCL2114	MSP821
3232P15	32	32	170	32	40	38						
3232P19	32	32	170	32	40	45	SN □□ 1906 □□	WS061030	MS1904	S4	MCL2117	MSP1021
4040R19	40	40	200	40	50	45						
4040S25	40	40	250	40	50	50	SN □□ 2509 □□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MSDNN



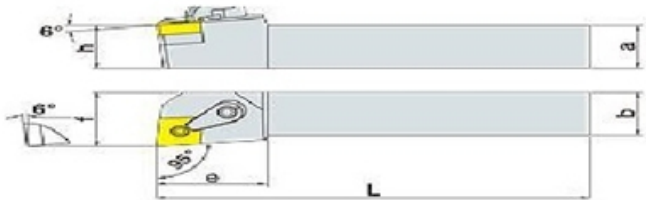
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Type		Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
		a	b	l	h	s	e						
MSDNN	2020K12	20	20	125	20	10	35	SN □□ 1204 □□	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12	25	25	150	25	13	35		WS061030				
	3225P12	32	25	170	32	13	35						
	2525M15	25	25	150	25	13	42	SN □□ 1506 □□	WS061030	MS1504	S3	MCL2114	MSP821
	3232P15	32	32	170	32	16	42						
	3232P19	32	32	170	32	16	42	SN □□ 1906 □□	WS061030	MS1904	S4	MCL2117	MSP1021
	4040R19	40	40	200	40	20	50						
	4040S25	40	40	250	40	20	50	SN □□ 2509 □□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

External

MSSNR/L

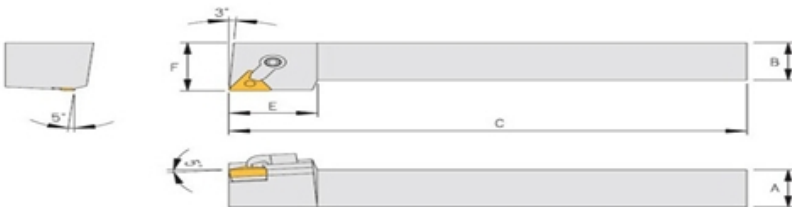


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Type	Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
MSSNR/L 2020K12	20	20	125	20	25	35	SN □□ 1204 □□	WS061025	MS1204	S3	MCL1814	MSP617
2525M12	25	25	150	25	32	35		WS061030				
3225P12	32	25	170	32	40	35						
3232P12	32	32	170	32	40	42						
2525M15	25	25	150	25	32	42	SN □□ 1506 □□	WS061030	MS1504	S3	MCL2114	MSP821
3232P15	32	32	170	32	40	42	SN □□ 1906 □□	WS061030	MS1904	S4	MCL2117	MSP1021
3232P19	32	32	170	32	40	42						
4040R19	40	40	200	40	50	42						
4040S25	40	40	250	40	50	50	SN □□ 2509 □□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MTG NR/L



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Type	Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
MTGNR/L 2020K16	20	20	125	20	25	33	TN □□ 1604 □□	WS061025	MT1603	S2,S3	MCL1814	MSP513
2525M16	25	25	150	25	32	33		WS061030				
3225P16	32	25	170	32	32	33						
2525M22	25	25	150	25	32	35	TN □□ 2204 □□	WS061030	MT2204	S3	MCL2114	MSP617
3225P22	32	25	170	32	32	35						
3232P22	32	32	170	32	40	40						

External

PCBNR/L

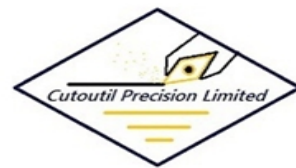
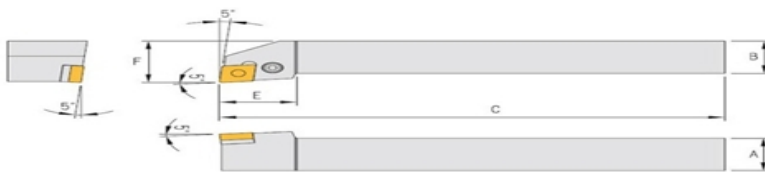


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Type	Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
MCB NR/L 2020KI2	20	20	125	20	17	27	CN □□ 1204 □□	VHX0821	PC12318	S3	LV4	SP4
2525MI2	25	25	150	25	22	27						
3232PI2	32	32	170	32	27	27						
2525MI6	25	25	150	25	22	33	CN □□ 1606 □□	VHX0825	PC16476	S3	LV5	SP5
3232PI6	32	32	170	32	27	33						
3232PI9	32	32	170	32	27	38						
4040SI9	40	40	250	40	35	38	CN □□ 1906 □□	VHX1027	PC19476	S4	LV6	SP6
4040S2507	40	40	250	40	35	50						
4040S2509	40	40	250	40	35	50						
							CN □□ 2507 □□	VHX1236	PC25634	S5	LV8	SP8
							CN □□ 2509 □□		PC25476			

PCLNR/L

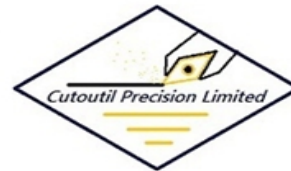


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Type		Dimension (mm)						Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
		a	b	l	h	s	e						
PCLNR/L	1616K09	16	16	100	16	20	20	CN □□ 0903 □□	VHX0613	PC093318	S2	LV3	SP3
	2020K19	20	20	125	20	25	22						
	2525M09	25	25	150	25	32	22						
	2020K12	20	20	125	20	25	28	CN □□ 1204 □□	VHX0821	PC12318	S3	LV4	SP4
	2525M12	25	25	150	25	32	28						
	3232P12	32	32	170	32	40	28						
	2525M16	25	25	150	25	32	33	CN □□ 1606 □□	VHX0825	PC16476	S3	LV5	SP5
	3232P16	32	32	170	32	40	33						
	3232P19	32	32	170	32	40	38						
	4040S19	40	40	250	40	50	38	CN □□ 1906 □□	VHX1007	PC19476	S4	LV6	SP6
	4040S2507	40	40	250	40	50	50						
	4040S2509	40	40	250	40	50	50						
								CN □□ 2507 □□	VHX1236	PC25634	S5	LV8	SP8
								CN □□ 2509 □□		PC25476			

PSBNR/L

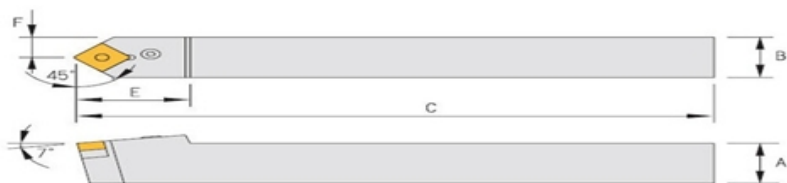


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Type	Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
PSBNR/L 1616K09	16	16	100	16	13	21	SN □ □ 0903 □ □	VHX0613	PS09318	S2.5	LV3	SP3
2020K09	20	20	125	20	17	23						
2020K12	20	20	125	20	17	28						
2525M12	25	25	150	25	22	28	SN □ □ 1204 □ □	VHX0821	PS12318	S3	LV4	SP4
3225P12	32	25	170	32	22	28						
3232P12	32	32	170	32	27	28						
2525M15	25	25	150	25	22	35	SN □ □ 16506 □ □	VHX0825	PS15476	S3	LV5	SP5
3232P15	32	32	170	32	27	35						
3232P19	32	32	170	32	27	40						
4040S19	40	40	250	40	35	40	SN □ □ 1906 □ □	VHX1027	PS19476	S4	LV6	SP6
4040S2507	40	40	250	40	35	48						
4040S2509	40	40	250	40	35	48						
							SN □ □ 2507 □ □	VHX1236	PS25634	S5	LV8	SP8
							SN □ □ 2509 □ □		PS25476			

PSDNN



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Type	Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
2020K12	20	20	125	20	10	30	SN □ □ 1204 □ □	VHX0821	PS12318	S3	LV4	SP4
2525M12	25	25	150	25	13	30						
3232P12	32	32	170	32	16	40						
2525M15	25	25	150	25	13	40	SN □ □ 16506 □ □	VHX0825	PS15476	S3	LV5	SP5
3232P15	32	32	170	32	16	40						
3232P19	32	32	170	32	16	40						
4040S19	40	40	250	40	20	40	SN □ □ 1906 □ □	VHX1027	PS19476	S4	LV6	SP6
4040S2507	40	40	250	40	20	50						
4040S2509	40	40	250	40	20	50						
							SN □ □ 2507 □ □	VHX1236	PS25634	S5	LV8	SP8
							SN □ □ 2509 □ □		PS25476			

Turning Tools

Type P

P14

External

PSKNR/L



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Type	Dimension (mm)						Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
PSKNR/L 1616H09	16	16	100	16	20	17	SN □ □ 0903 □ □	VHX0613	PS09318	S2.5	LV3	SP3
2020K09	20	20	125	20	25	20						
2020K12	20	20	125	20	25	26						
2525M12	25	25	150	25	32	26						
3232P12	32	32	170	32	40	26	SN □ □ 1204 □ □	VHX0821	PS12318	S3	LV4	SP4
2525M15	25	25	150	25	32	32						
3232P15	32	32	170	32	40	32						
3232P19	32	32	170	32	40	36						
4040S19	40	40	250	40	50	40	SN □ □ 1906 □ □	VHX1027	PS19476	S4	LV6	SP6
4040S2507	40	40	250	40	50	50						
4040S2509	40	40	250	40	50	50						
							SN □ □ 2507 □ □	VHX1236	PS25634	S5	LV8	SP8
									PS25476			

PSSNR/L



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Type	Dimension (mm)						Applicable Inserts	Clamping Secrew	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
PSSNR/L 1616H09	16	16	100	16	20	25	SN □ □ 0903 □ □	VHX0613	PS09318	S2.5	LV3	SP3
2020K12	20	20	125	20	25	30						
2525M12	25	25	150	25	32	30						
3232P12	32	32	170	32	40	40						
2525M15	25	25	150	25	32	30	SN □ □ 1506 □ □	VHX0825	PS15476	S3	LV5	SP5
3232P15	32	32	170	32	40	40						
3232P19	32	32	170	32	40	40						
4040S19	40	40	250	40	50	50						
4040S2507	40	40	250	40	50	50	SN □ □ 1906 □ □	VHX1027	PS19476	S4	LV6	SP6
4040S2509	40	40	250	40	50	50						
							SN □ □ 2507 □ □	VHX1236	PS25634	S5	LV8	SP8
									PS25476			

External

PTTNR/L

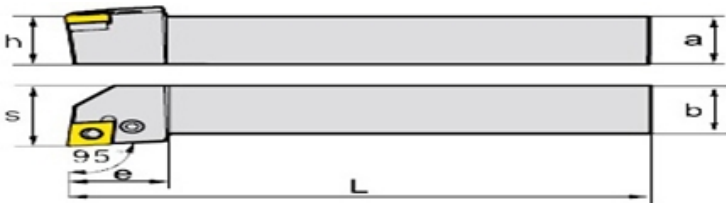


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Type	Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
	a	b	l	h	s	e						
PTTNR/L 1616H16	16	16	100	16	13	25	TN □□ 1604 □□	VHX0617	PT16476	S2.5	LV3	SP3
2020K16	20	20	125	20	17	25						
2525M22	25	25	150	25	22	32	TN □□ 2204 □□	VHX0821	PT22476	S3	LV4	SP4

PWLNR/L

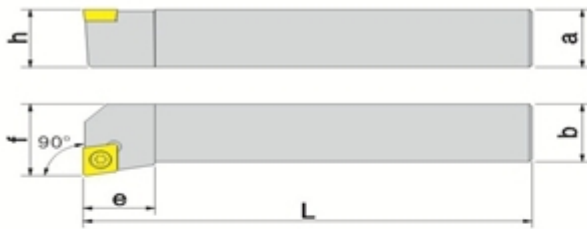


Cutoutil

www.cutoutil.com

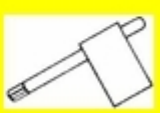
Type		Dimension (mm)						Applicable Inserts	Clamping Screw	Shim	Wrench	Clamp	Clamping Stud
		a	b	l	h	s	e						
PWLNR/L	1616H06	16	16	100	16	20	20	WN □□ 0604 □□	VHX0617	PW062270	S2.5	LV3	SP3
	2020K06	20	20	125	20	25	20						
	2525M06	25	25	150	25	32	20						
	2020K08	20	20	125	20	25	26	WN □□ 0804 □□	VHX0821	PW08318	S3	LV4	SP4
	2525M08	25	25	150	25	32	26						
	3232P08	32	32	170	32	40	35						

SCACR/L

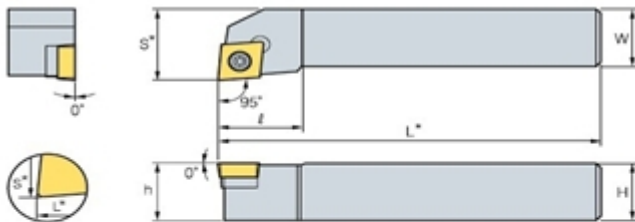


Cutoutil

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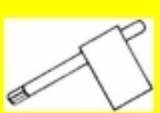
Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SCACR/L 1010E06	10	10	70	10	11	10	CC □T 0602 □□	L60M2.5X5	T08
1212F09	12	12	80	12	13	16	CC □T 09T3 □□	L60M4X8	T15

SCLCR/L

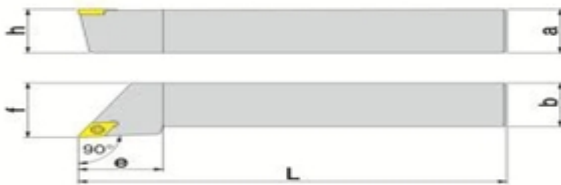


Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SCLCR/L 1212F09	10	10	70	10	11	10	CC □T 09T3 □□	L60M4X8	T15
1616H09	16	16	100	16	20	16			
2020K09	20	20	125	20	25	25			
2020K12	20	20	125	20	25	25	CC □T 1204 □□	L60M5X12	T20
2525M12	25	25	150	25	32	26			
3225P12	32	25	170	32	32	26			
1212F09	12	12	80	12	13	16			

SDACR/L

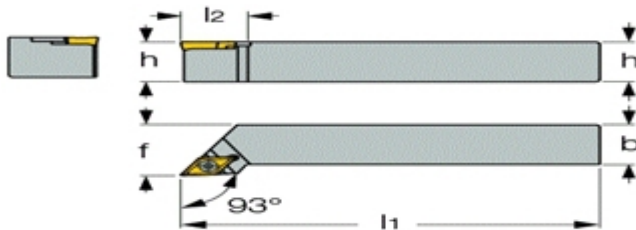


Cutoutil

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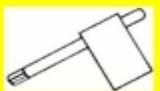
Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SDACR/L 1010E07	10	10	70	10	10.5	15	DC□T 0702 □□	L60M2.5X5	T08
1212F11	12	12	80	12	12.5	15	DC□T 11T3 □□	L60M4X8	T15
1616H11	16	16	100	16	16.7	24			

SDJCR/L

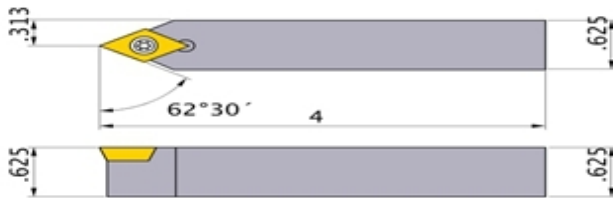


Cutoutil

www.cutoutil.com

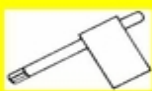
Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SDJCR/L 1010E07	10	10	70	10	12	15	DC□T 0702 □□	L60M2.5X5	T08
1212F07	12	12	80	12	16	15			
1616H07	16	16	100	16	20	18			
2020K07	20	20	125	20	25	24	DC□T 11T3 □□	L60M4X8	T15
1616H11	16	16	100	16	20	24			
2020K11	20	20	125	20	25	24			
2525M11	25	25	150	25	32	29			
3225P11	32	25	170	32	32	29			
1616H11	16	16	100	16	16.7	24			

SDNCN

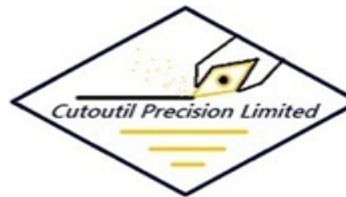
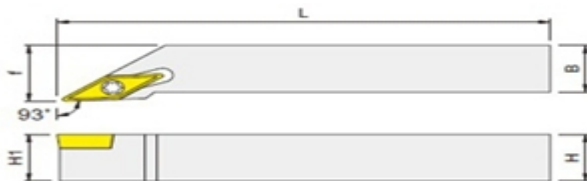


Cutoutil

www.cutoutil.com

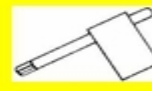
Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SDNCN 1010E07	10	10	70	10	5	20	DC□T 0702 □□	L60M2.5X5	T08
1212F07	12	12	80	12	6	20			
1212H11	12	12	100	12	6	30			
1616H11	16	16	100	16	8	0	DC□T 11T3 □□	L60M4X8	T15
2020K11	20	20	125	20	10	30			
2525M11	25	25	150	25	12.5	30			

SVJCR/L



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SVJCR/L 1212F11	12	12	80	12	16	27	VC□T 1103 □□	L60M2.5X5	T08
1616H11	16	16	100	16	20	27			
2020K11	20	20	125	20	25	27			
2525M11	25	25	150	25	32	27			
1616H16	16	16	100	16	20	36	VC□T 1604 □□	L60M4X8	T15
2020K16	20	20	125	20	25	41			
2525M16	25	25	150	25	32	41			
3225P16	32	25	170	32	32	41			
3232P16	32	32	170	32	32	41			

SVJBR/L

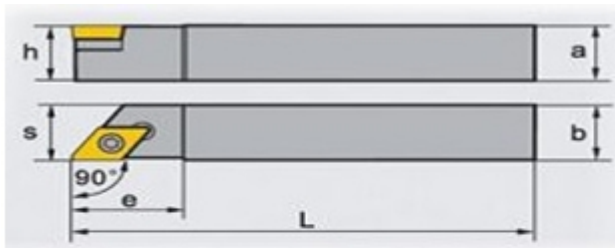


Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SVJBR/L 1212F11	12	12	80	12	16	27	VB□T 1103 □□	L60M2.5X5	T08
1616H11	16	16	100	16	20	27			
2020K11	20	20	125	20	25	27			
2525M11	25	25	150	25	32	27			
1616H16	16	16	100	16	20	36	VB□T 1604 □□	L60M4X8	T15
2020K16	20	20	125	20	25	41			
2525M16	25	25	150	25	32	41			
3225P16	32	25	170	32	32	41			
3232P16	32	32	170	32	32	41			

SVABR/L

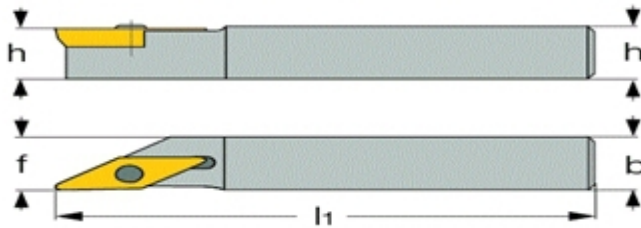


Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SVABR/L 1616H16	16	16	100	16	16.5	32	VC□T 1604 □□	L60M4X8	T15
2020K16	20	20	125	20	20.5	32			
2525M16	25	25	150	25	25.5	38			

SVACR/L

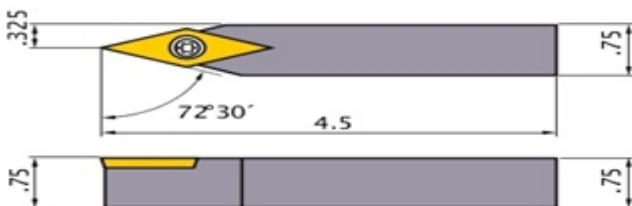


Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SVACR/L 1616H16	16	16	100	16	16.5	32	VC□T 1604 □□	L60M4X8	T15
2020K16	20	20	125	20	20.5	32			
2525M16	25	25	150	25	25.5	38			

SVVBN

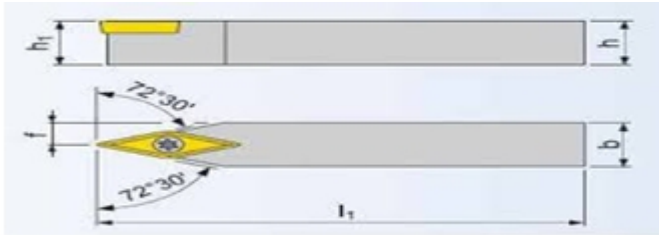


Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SVVBN 1212F11	12	12	80	12	6	27	VB□T 1103 □□	L60M2.5X5	T08
1616H11	16	16	100	16	8	27			
2020K11	20	20	125	20	10	30			
1616H16	16	16	100	16	8	33	VB□T 1604 □□	L60M4X8	T15
2020K16	20	20	125	20	10	33			
2525M16	25	25	150	25	12.5	38			
3225P16	32	25	170	32	12.5	38			
3232P16	32	32	170	32	16	38			

SVVCN



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SVVCN 1212F09	12	12	80	12	6	27	VC□T 1103 □□	L60M2.5X5	T08
1616H09	16	16	100	16	8	27			
2020K09	20	20	125	20	10	30			
2525M09	16	16	100	16	8	33	VC□T 1604 □□	L60M4X8	T15
2020K12	20	20	125	20	10	33			
2525M12	25	25	150	25	12.5	38			
3232P12	32	32	170	32	16	38			

SSBCR/L



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SSBCR/L 1212F09	12	12	80	12	11	16	SC□T 09T3 □□	L60M4X8	T15
1616H09	16	16	100	16	13	16			
2020K12	20	20	125	20	17	25	SC□T 1204 □□	L60M5X12	T20
2525M12	25	25	150	25	22	25			
3232P12	32	32	170	32	27	28			

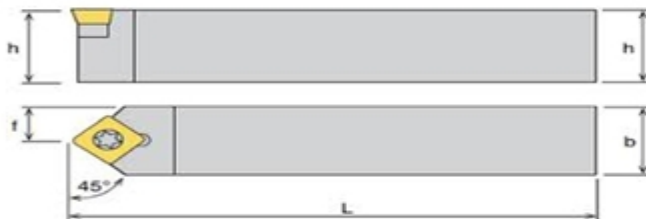
Turning Tools

Type S

P24

External

SSDCN



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SSDCN 1212F09	12	12	80	12	6	15.5	SC□T 09T3 □□	L60M4X8	T15
1616H09	16	16	100	16	8	15.5			
2020K09	20	20	125	20	10	15.5			
2525M09	16	16	100	16	8	24	SC□T 1204 □□	L60M5X12	T20
2020K12	20	20	125	20	10	15.5			
2525M12	25	25	150	25	12.5	24			
3232P12	32	32	170	32	16	24			

SSKCR/L



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SSKCR/L 1616H09	16	16	100	16	20	13	SC□T 09T3 □□	L60M4X8	T15
2020K09	20	20	125	20	25	18			
2020K12	20	20	125	20	20	18	SC□T 1204 □□	L60M5X12	T20
2525M12	25	25	150	25	32	22			
3232P12	32	32	170	32	40	27			

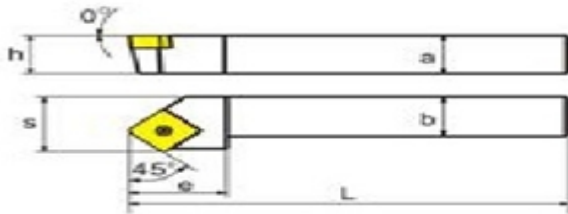
Turning Tools

Type S

P25

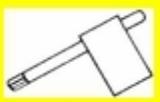
External

SSSCR/L



Cutoutil

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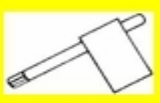
Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SSSCR/L 1616H09	16	16	100	16	20	13	SC□T 09T3 □□	L06M4X8	T15
2020K09	20	20	125	20	25	18			
2020K12	20	20	125	20	20	18	SC□T 1204 □□	L60M5X12	T20
2525M12	25	25	150	25	32	22			
3232P12	32	32	170	32	40	27			

STFCR/L

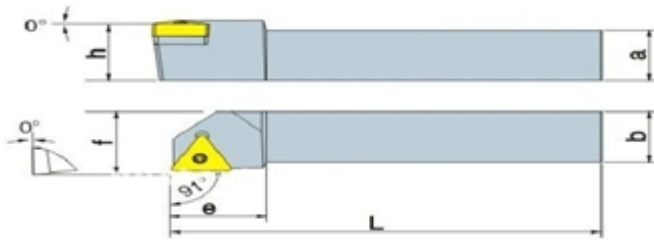


Cutoutil

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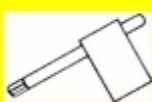
Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
STFCR/L 1212F11	12	12	80	12	16	14	TC□T 1102 □□	L06M5X5	T08
1616H11	16	16	100	16	20	14			
2020K11	20	20	125	20	25	14	TC□T 16T3 □□	L60M4X8	T15
1616H16	16	16	100	16	20	19			
2020K16	20	20	125	20	25	19			
2525M16	25	25	150	25	32	19			

STGCR/L

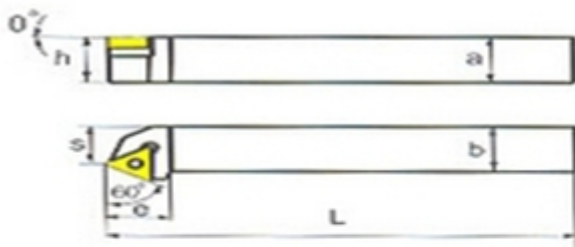


Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
STGCR/L 0808D09	8	8	60	8	10	11	TC□T 0902 □□	L60M2X5	T06
1010E09.	10	10	70	10	12	11			
1212F11	12	12	80	12	16	14	TC□T 1102 □□	L06M5X5	T08
1616H11	16	16	100	16	20	16			
2020K16	20	20	125	20	25	21	TC□T 16T3 □□	L60M4X8	T15
2525M16	25	25	150	25	32	21			

STTCR/L

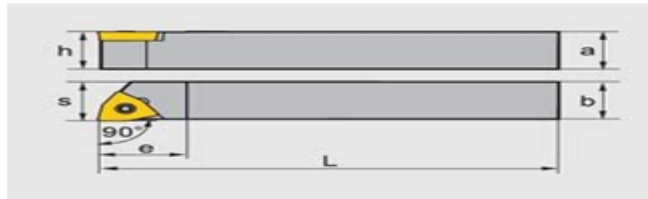


Cutoutil

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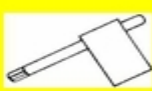
Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
STTCR/L 1616H11	16	16	100	16	13	14	TC□T 1102 □□	L60M2.5X5	T08
1616H16	16	16	100	16	13	19			
2020K16	20	20	125	20	17	19	TC□T 16T3 □□	L60M4X8	T15

SWACR/L

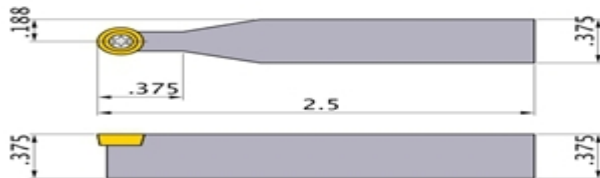


Cutoutil

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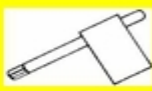
Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SWACR/L 1010E04	10	10	70	1	10.5	10	WC □ X 0402 □ □	L60M2.5X5	T08
1212F04	12	12	80	12	12.5	14			
1616H06	16	16	100	16	16.5	20	WC □ X 06T3 □ □	L60M3X7	T09
2020K08	20	20	125	20	20.5	24	WC □ X 0804 □ □	L60M4X8	T15

SRDCN



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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SRDCN 2020K06	20	20	125	20	10	35	RC □ T 0602 □ □	L60M2.5X5	T08
2525M06	25	25	150	25	12.5	35			
2020K08	20	20	125	20	10	35	RC □ T 0803 □ □	L60M3X7	T09
2525M08	25	25	150	25	12.5	35			
2020K10	20	20	125	20	10	35	RC □ T 1003 □ □	L60M3.5x10	T15
2525M10	25	25	150	25	12.5	35			
2020K12	20	20	125	20	10	35	RC □ T 1204 □ □	L60M3.5X12	T15
2525M12	25	25	150	25	12.5	35			
3225P12	32	25	170	32	16	40	RC □ T 1604 □ □	L60M4X16	T15
2525M16	25	25	150	25	12.5	35			
3232P16	32	32	170	32	16	40	RC □ T 2006 □ □	L60M5X16-8.1	T20
3232P20	32	32	170	32	16	40			
4040S20	40	40	250	40	20	45			

SRGCR/L

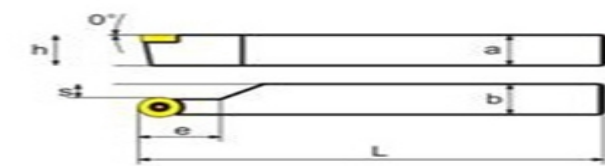


Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SRGCR/L 2020K10	20	20	125	20	20	25	RC□T 1003 □□	L60M3.5x10	T15
2525M10	25	25	150	25	25	32			
2020K12	20	20	125	20	20	27	RC□T 1204 □□	L60M3.5X12	T15
2525M12	25	25	150	25	25	32			
3225P12	32	25	170	32	32	32	RC□T 1604 □□	L60M4X16	T15
2525M16	25	25	150	25	25	32			
3232P16	32	32	170	32	32	40	RC□T 2006 □□	L60M5X16-8.1	T20
3232P20	32	32	170	32	32	40			
4040S20	40	40	250	40	40	50			

SRACR/L



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Screw	Wrench
	a	b	l	h	s	e			
SRDCN 2020K06	20	20	125	20	13	35	RC□T 0602 □□	L60M2.5X5	T08
2525M06	25	25	150	25	18	35			
2020K08	20	20	125	20	11	35	RC□T 0803 □□	L60M3X7	T09
2525M08	25	25	150	25	16	35			
2020K10	20	20	125	20	9	35	RC□T 1003 □□	L60M3.5x10	T15
2525M10	25	25	150	25	14	35			
2020K12	20	20	125	20	7	35	RC□T 1204 □□	L60M3.5X12	T15
2525M12	25	25	150	25	12	35			
3225P12	32	25	170	32	12	40	RC□T 1604 □□	L60M4X16	T15
2525M16	25	25	150	25	10	35			
3232P16	32	32	170	32	22	40	RC□T 2006 □□	L60M5X16-8.1	T20
3232P20	32	32	170	32	20	40			
4040S20	40	40	250	40	30	45			

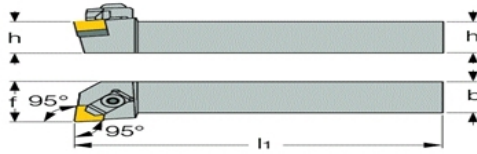
Turning Tools

Type C

P29

External

CCLNR/L



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
CCLNR/L 2020K12	20	20	125	20	32	32	CN □ T 1207 □ □	MC1204	S4, S3	CCL2612	DM0625	DSP0612
2525M12	25	25	150	25	27	36						
2525M16	25	25	150	25	32	36	CN □ T 1607 □ □	MC1604	S4	CCL2816	DM0830	DSP0812
3225P16	32	25	170	32	32	36						

CDJNR/L



Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
CDJNR/L 2525M16	25	25	150	25	32	32	CN □ T 1507 □ □	MC1504	S4 , S3	CCL2612	DM0625	DSP0612
3225P16	32	25	170	32	32	32						

CSDNN



Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
CSDNN 2020K12	20	20	125	20	25	25	SN □ T 1207 □ □	MS1204	S4 , S3	CCL2612	DM0625	DSP0612
2525M12	25	25	150	25	32	25						
3225P12	32	25	170	32	32	25						
3225P15	32	25	170	32	32	32	SN □ T 1504 □ □	MS1504	S4	CCL2816	DM0830	DSP0812

External

CSKNR/L

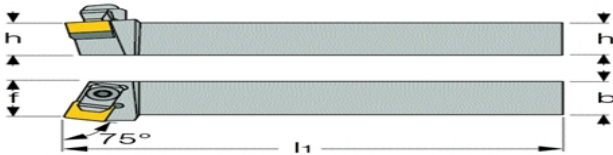


Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw	
	a	b	l	h	s	e							
CSKNR/L	2020K12	20	20	125	20	25	25						
	2525M12	25	25	150	25	32	25						
	3225P12	32	25	170	32	32	25						
	3225P15	32	25	170	32	32	32						

CSRNR/L



Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
CSRNR/L 2020K12	20	20	125	20	22	32	SN□T 1207 □□	MS1204	S4 ,S3	OCL2612	DM0625	DSP0612
2525M12	25	25	150	25	27	32						
3225P12	32	25	170	32	27	32						
3225P15	32	25	170	32	32	40	SN□T 1507 □□	MS1504	S4	OCL26816	DM0830	DSP0812
4040R15	40	40	200	40	43	40						

CRDNN



Cutoutil

www.cutoutil.com

Type		Dimension (mm)						Applicable Inserts	Shim				Screw
		a	b	l	h	s	e						
CRDMM	2020K12	20	20	125	20	10	32						
	2525M12	25	25	150	25	12.5	32						
	3225P12	32	25	170	32	12.5	32						

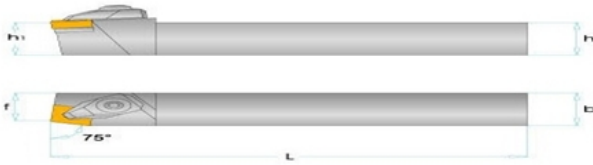
Turning Tools

Type D

P32

External

DCLNR/L

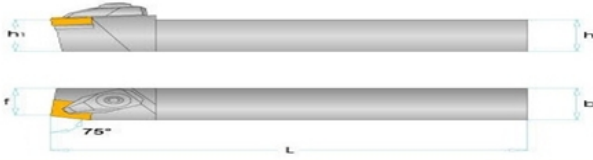


Cutoutil

www.cutoutil.com

Type		Dimension (mm)						Applicable Inserts	Shim				Screw
		a	b	l	h	s	e						
DCBNR/L	2020K12	20	20	125	20	25	32						
	2525M12	25	25	150	25	32	36						
	3232P12	32	32	170	32	40	36						
								CN□□ 1204 □□	MC1204	S4, S3	DCL2612	DM0625	DSP0612

DCBNR/L

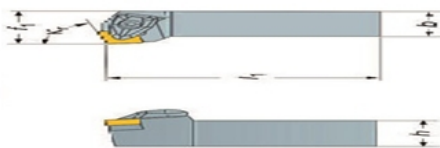


Cutoutil

www.cutoutil.com

Type		Dimension (mm)						Applicable Inserts	Shim				Screw
		a	b	l	h	s	e						
DCBNR/L	2020K12	20	20	125	20	25	32						
	2525M12	25	25	150	25	32	36						
	3232P12	32	32	170	32	40	36						
								CN□□ 1204 □□	MC1204	S4, S3	DCL2612	DM0625	DSP0612

DCKNR/L



Cutoutil

www.cutoutil.com

Type		Dimension (mm)						Applicable Inserts	Shim				Screw
		a	b	l	h	s	e						
DCKNR/L	2020K12	20	20	125	20	25	32	CN□□ 1204 □□	MC1204	S4, S3	CDCL2612	DM0625	DSP0612
	2525M12	25	25	150	25	32	36						
	3232P12	32	32	170	32	40	36						

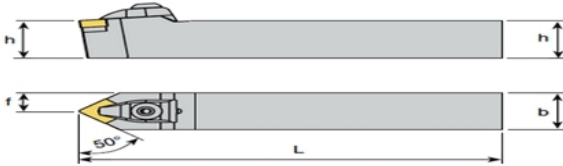
Turning Tools

Type D

P33

External

DCMNN

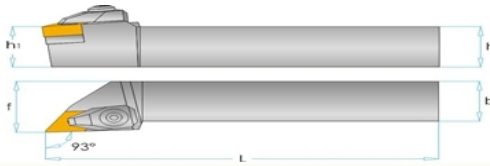


Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
DCMNN 2020K12	20	20	125	20	10	32	CN □ □ 1204 □ □	MC1204	S4, S3	CDCL2612	DM0625	DSP0612
2525M12	25	25	150	25	12.5	36						
3232P12	32	32	170	32	16	36						

DDJNR/L

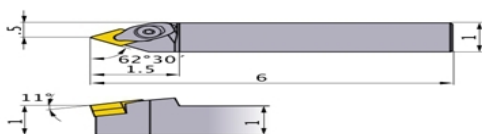


Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
DDJNR/L 2020K11	20	20	125	20	25	32	DN □ □ 1104 □ □	MD1103	S3	DCL2211	DM0520	DSP0510
2525M11	25	25	150	25	32	32						
2020K15	20	20	125	20	25	36	DN □ □ 1504 □ □	MD1504	S4, S3	DCL2612	DM0625	DSP0612
2525M15	25	25	150	25	32	36						
3232P15	32	32	170	32	40	36	DN □ □ 1506 □ □					

DDPNN



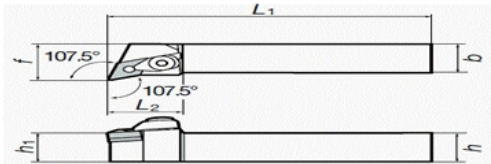
Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
DDPNN 2020K11	20	20	125	20	10	32	DN □ □ 1104 □ □	MD1103	S3	DCL2211	DM0520	DSP0510
2525M11	25	25	150	25	12.5	32						
2020K15	20	20	125	20	10	36	DN □ □ 1504 □ □	MD1504	S4, S3	DCL2612	DM0625	DSP0612
2525M15	25	25	150	25	12.5	36						
3232P15	32	32	170	32	16	36	DN □ □ 1506 □ □					

External

DDQNR/L

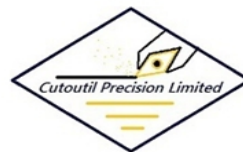


Cutoutil

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Type		Dimension (mm)					Applicable Inserts	Shim				Screw	
		a	b	l	h	s	e						
DDQNR/L	2020K11	20	20	125	20	25	32	DN□□ 1104 □□	MD1103	S3	DCL2211	DM0520	DSP0510
	2525M11	25	25	150	25	32	32						
	2020K15	20	20	125	20	25	36	DN□□ 1504 □□	MD1504	S4, S3	DCL2612	DM0625	DSP0612
	2525M15	25	25	150	25	32	36						
	3232P15	32	32	170	32	40	36	DN□□ 1506 □□					

DSB NR/L



Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
DSBNR/L 2020K12	20	20	125	20	17	32	SN□□ 1204 □□	MS1204	S3, S4			
2525M12	25	25	150	25	22	36						
3232P12	32	32	170	32	27	36						

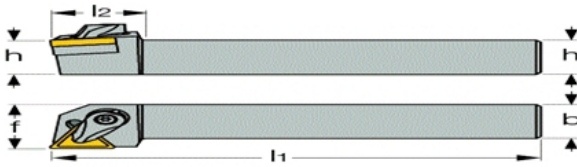
Turning Tools

Type D

P36

External

DTG NR

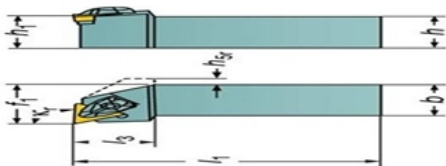


Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
DTG NR 2020K16	20	20	125	20	17	32	TN □ □ 1604 □ □	MT1604	S3			
2525M16	25	25	150	25	22	36				DCL2211	DM0520	DSP0510
3525P16	32	25	170	32	32	25						
3232P16	32	32	170	32	27	36						

DTF NR/L



Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Shim				Screw
	a	b	l	h	s	e						
DTF NR 2020K16	20	20	125	20	17	32	TN □ □ 1604 □ □	MT1604	S3			
2525M16	25	25	150	25	22	36				DCL2211	DM0520	DSP0510
3525P16	32	25	170	32	32	25						
3232P16	32	32	170	32	27	36						

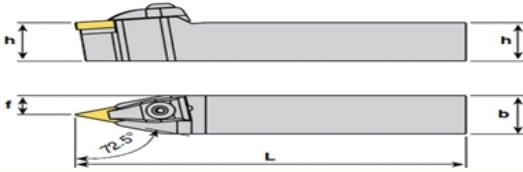
Turning Tools

Type D

P37

External

D V V N N

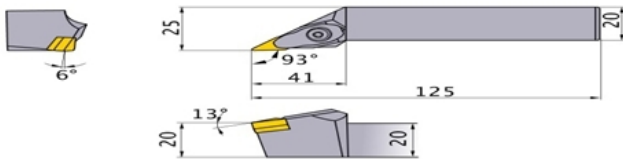


Cutoutil

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Type		Dimension (mm)						Applicable Inserts	Shim				Screw
		a	b	l	h	s	e						
DVVM	2020K16	20	20	125	20	25	25	VN□□ 1604 □□	MV1604	S3			
	2525M16	25	25	150	25	32	25						
	3525P16	32	25	170	32	32	25						
	3232P16	32	32	170	32	32	32						

DVJNR/L

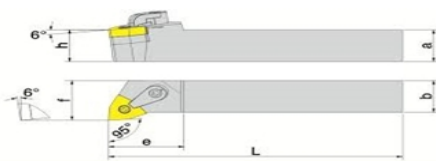


Cutoutil

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Type		Dimension (mm)						Applicable Inserts	Shim				Screw
		a	b	l	h	s	e						
DVJNR	2020K16	20	20	125	20	25	25	VN□□ 1604 □□	MV1604	S3			
	2525M16	25	25	150	25	32	25						
	3525P16	32	25	170	32	32	25						
	3232P16	32	32	170	32	32	32						

DWJNR/L



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Type		Dimension (mm)					Applicable Inserts	Shim			Screw		
		a	b	l	h	s	e						
DWLNR/L	2020K09	20	20	125	20	25	25	VN□□ 0804 □□	MW1804	S3, S4			
	2525M08	25	25	150	25	32	25				DCL2612	DM0625	DSP0612
	3525P08	32	25	170	32	32	25						
	3232P08	32	32	170	32	32	32						

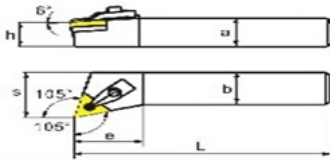
Turning Tools

Type W

P38

External

WTQNR/L

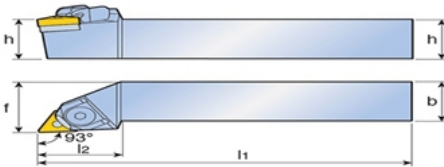


Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Clamping screw	Shim	Wrench	Clamp	Screw
	a	b	l	h	s	e						
WTQNR/L 2020K16	20	20	125	20	20	25	TN □ □ 1604 □ □	VM0525	MT 1603	S2.5, S4	WTL16	SZ0515
2525M16	25	25	150	25	25	32						
3232P16	32	32	170	32	32	40						
2525M22	25	25	150	25	32	33	TN □ □ 2204 □ □		MT 2204		WTL22	SZ0618
3232P22	32	32	170	32	32	33						

WTJNR/L



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Clamping screw	Shim	Wrench	Clamp	Screw
	a	b	l	h	s	e						
WTJNR/L 1316H16	13	16	125	31	20	20	TN □ □ 1604 □ □	VM0525	MT 1603	S2.5, S4	WTL16	SZ0515
1616K16	16	16	125	31	16	20						
2020K16	20	20	125	20	20	25						
2525M16	25	25	150	25	25	32						
3232P16	32	32	170	32	32	40	TN □ □ 2204 □ □		MT 2204		WTL22	SZ0618
2525M22	25	25	150	25	32	33						
3232P22	32	32	170	32	32	33						

Turning Tools

Type W

P39

External

WTENN

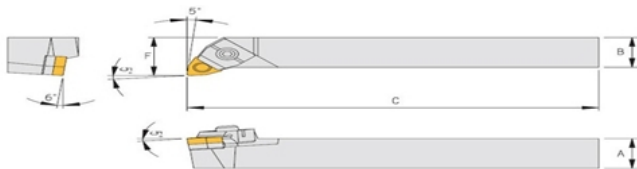


Cutoutil

www.cutoutil.com

Type	Dimension (mm)						Applicable Inserts	Clamping screw	Shim	Wrench	Clamp	Screw
	a	b	l	h	s	e						
WTENN 2020K16	20	20	125	20	25	33	TN □ □ 1604 □ □	VM0525	MT 1603	S2.5, S4	WTL16	SZ0515
2525M16	25	25	150	25	32	33						
3232P16	32	32	170	32	32	33						
2525M22	25	25	150	25	32	33	TN □ □ 2204 □ □		MT 2204		WTL22	SZ0618
3232P22	32	32	170	32	32	33						

WWLNR/L



Cutoutil

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Type	Dimension (mm)						Applicable Inserts	Clamping screw	Shim	Wrench	Clamp	Screw
	a	b	l	h	s	e						
WWLNR/L 2020K08	20	20	125	20	20	32	VN □ □ 0804 □ □	VM0525	VW0804	S3, S4	WWL08	SZ0618
2525M08	25	25	150	25	25	32						
3232P08	32	32	170	32	32	33						



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MCBNR/L 2020K12

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MCBNR/L



Cutoutil Precision Limited



MCLNR/L 1616H12

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MCLNR/L



Cutoutil Precision Limited



MCKNR/L 2020K12

Cutoutil Precision Limited

MCKNR/L



MDJNR/L 1616K11

Cutoutil Precision Limited

MDJNR/L



MDPNN 1616K11

Cutoutil Precision Limited

MDPNN



MDQNR/L 1616H11

Cutoutil Precision Limited

MDQNR/L



MSBNR/L 2020K12

Cutoutil Precision Limited

MSBNR/L



MSRNR/L 2020K12

Cutoutil Precision Limited

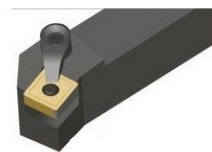
MSRNR/L



MSKNR/L 2020K12



MSKNR/L



MSDNN 2020K12



MSDNN



MSSNR/L 2020K12



MSSNR/L



MSSNR/L 2020K12



MTGNR/L



MTJNR/L 1616H16



MTJNR/L



MTFNR/L 1616H16



MTFNR/L



MTQNR/L 2020K16



MTQNR/L



MTENN 1616H16



MTENN

Type M - Top and hole clamping

P42



MTENN



MVVNN



MVUNR/L



MVQNR/L

Type P - Hole clamping

P43



PCBNR/L



PCLNR/L



PDJNR/L



PDNNR/L



PSBNR/L



PSDNN



PSKNR/L



PSSNR/L

Type P - Hole clamping



PRDCN



PRGCR/L



PTGNR/L



PTFNR/L



PTTNR/L



PWLNR/L

Type S - Screw on

P45



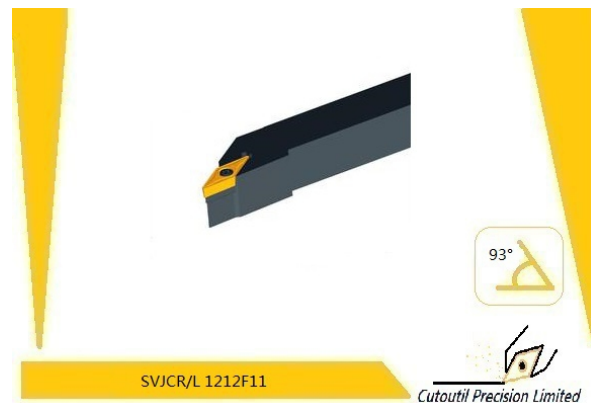
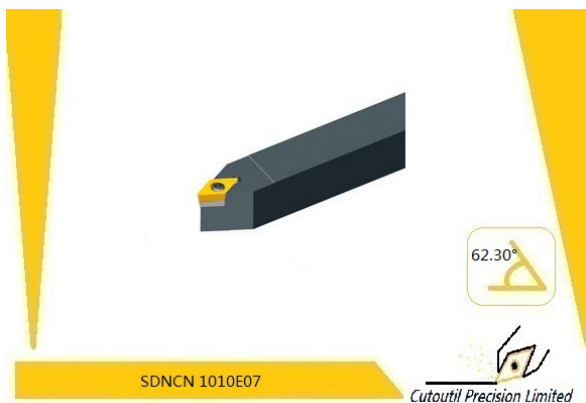
SCACR/L

SCLCR/L



SDACR/L

SDJCR/L



SDNCN

SVJCR/L



SVJBR/L

SVABR/L

Type S - Screw on

P46



SVACR/L

SVVBN



SVVCN

SSBCR/L



SSDCN

SSKCR/L



SSSCR/L

STFCR/L

Type S - Screw on

P47



STGCR/L

STTCR/L



SWACR/L

SRDCN



SRGCR/L

SRACR/L

Type C - Top clamping

P48



CCLNR/L



CDJNR/L



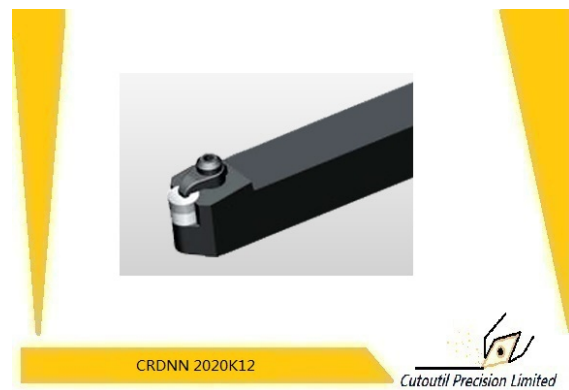
CSKNR/L



CSDNN



CSRNR/L



CRDNN



CTJNR/L



CTUNR/L

Type D - Wedge clamping



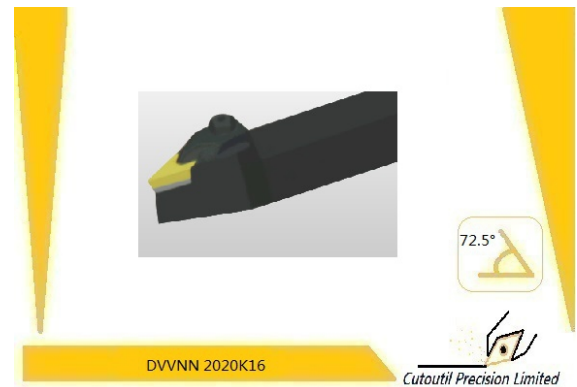
DSKNR/L



DTGNR



DTFNR



DVVNN



DVJNR



DWLNR/L



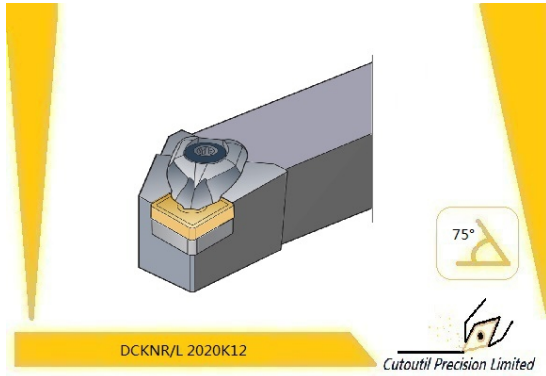
DCLNR/L



DCBNR/L

Type D - Wedge clamping

P50



DCKNR/L



DCMNN



DDJNR/L



DDPNN



DDQNR/L



DSBNR/L



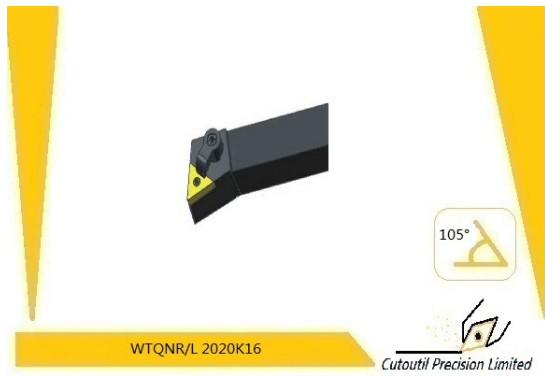
DSDNN



DSSNR/L

Type W - Wedge clamping

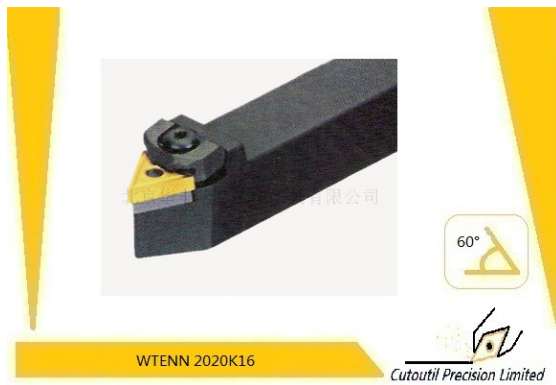
P51



WTQNR/L



WTJNR/L



WTENN



WWLNR/L

Internal turning tools

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About Us :

Cutoutil Precision is a professional company specialized in cutting tools ,Diamond tools,Machine Accessories and measuring tools . Since 2009 , we export various cutting tools to Europe , South/North America, Mid-East and Asia and established long-term business relationship with each other.

The scope of main products included indexable toolholders, Carbide End Mills,Carbide Ball End Mills ,Carbide Drills & milling cutter ,carbide inserts and ER collets ,chucks etc . Besides ,we also supply OEM service .

Our principle is always “high quality ,mutual benefits ,fast delivery” . It is saying highest quality tools at the most competitive price with the shortest delivery time . Quality control is the most important . Any comments on quality will be taken seriously .

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Content

M Type Internal Turning Tools Holders	P52 - P59
P Type Internal Turning Tools Holders	P60 - P62
S Type Internal Turning Tools Holders	P63- P72
Proudut Preview	P73 - P78



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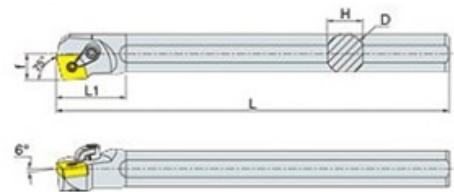
Turning Tools

Type M

P52

Internal

MCKCNR/L



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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e ²	e						
S20Q-MCKNR/L12	26	20	18	180	13	15°	45	CN □ □ 1204 □ □	x	MSP613	MCL1810	WS061020	S2.5, S3
S25R-MCKNR/L12	32	25	23	200	17	12°	45						
S32S-MCKNR/L12	40	32	30	250	22	17°	50						
S40T-MCKNR/L12	50	40	38	300	26	15°	55		MT1204	MSP617	MCL1814	WS061025	
S50U-MCKNR/L12	60	60	48	350	33	12°	70						

MCLNR/L



Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e ²	e						
S20Q-MCLNR/L12	26	20	19	180	13	15°	45	CN □ □ 1204 □ □	x	MSP613	MCL1810	WS061020	S2.5, S3
S25R-MCLNR/L12	32	25	24	200	17	12°	45						
S32S-MCLNR/L12	40	32	30	250	23	17°	50						
S40T-MCLNR/L12	50	40	38	300	26	15°	55		MT1204	MSP617	MCL1814	WS061025	
S50U-MCLNR/L12	60	50	47	350	31	12°	70						

Internal

MDQNR/L

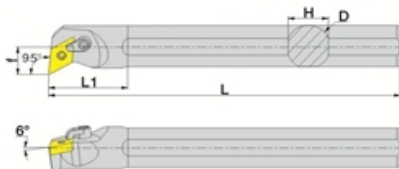


Cutoutil

www.cutoutil.com

Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Screw	Wrench
	Dmin	ød	h	l	s	e°	e						
S20Q-MDQNR/L15	26	20	18	180	13	15°	31	DN □□ 1504 □□	x	MSP613	MCL2114	WS061020	S2.5, S3
S25Q-MDQNR/L15	32	25	23	200	17	12°	35						
S32Q-MDQNR/L15	40	32	30	250	22	17°	40						
S40Q-MDQNR/L15	50	40	35	300	27	15°	50						

MDUNR/L



Cutoutil

www.cutoutil.com

Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench		
	Dmin	ød	h	l	s	e ²	e								
S20Q-MDUNR/L15	26	20	18	180	13	15°	31	DN □□ 1504 □□	x	MSP613	MCL2114	WS061020	S2.5, S3		
S25R-MDUNR/L15	32	25	24	200	17	12°	35								
S32S-MDUNR/L15	40	32	30	250	22	17°	40			MD1504		MSP617			
S40T-MDUNR/L15	50	40	38	300	27	15°	50								

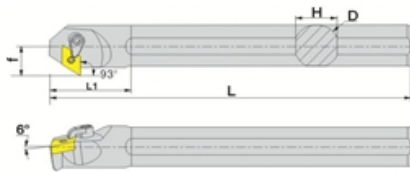
Turning Tools

Type M

P54

Internal

MDZNR/L



Cutoutil

www.cutoutil.com

Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e ²	e						
S25R-MDZNR/L15	32	25	23	200	17	15°	35	DN □ □ 1504 □ □	X	MSP617	MCL1814	WS061025	S3
S32S-MDZNR/L15	40	32	30	250	22	12°	40		MD1504				
S40T-MDZNR/L15	50	40	38	300	27	15°	50						

MSKNR/L

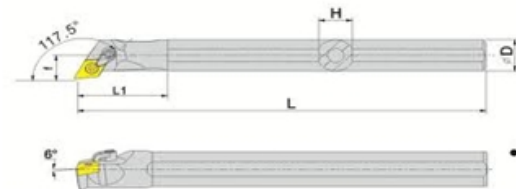


Cutoutil

www.cutoutil.com

Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench	
	Dmin	ød	h	l	s	e ²	e							
S20Q-MSKNR/L12	26	20	18	180	13	15°	31	DN □□ 1504 □□	x	MSP613	MCL810	WS061020	S2.5, S3	
S25R-MSKNR/L12	32	25	23	200	17	12°	35			MD1204	MSP617	MCL1814		WS061025
S32S-MSKNR/L12	40	32	30	250	22	17°	40							
S40T-MSKNR/L12	50	40	37	300	27	15°	50							

MVQNR/L

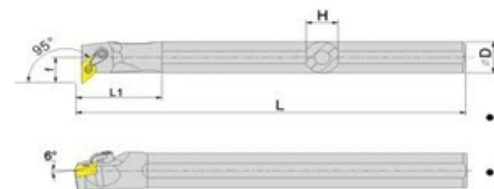


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e ²	e						
S25R-MVQNR/L16	32	25	23	200	17	12°	35	VN □ □ 1604 □ □	X	MSP510	MCL1814	WS061025	S2, S3
S32S-MVQNR/L16	42	32	32	250	22	17°	40		MV1603	MSP513			
S40T-MVQNR/L16	50	40	40	300	27	15°	50						

MVUNR/L



Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e ²	e						
S25R-MVUNR/L16	32	25	23	200	17	12°	35	VN □ □ 1604 □ □	X	MSP510	MCL1814	WS061025	S2, S3
S32S-MVUNR/L16	42	32	32	250	22	17°	40		MD1204	MSP513			
S40T-MVUNR/L16	50	40	40	300	27	15°	50						

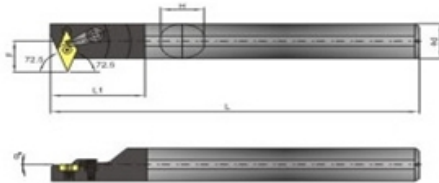
Turning Tools

Type M

P56

Internal

MVWR/L

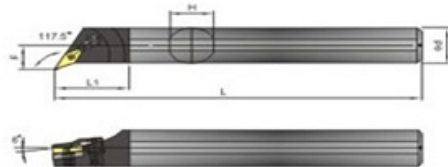


Cutoutil

www.cutoutil.com

Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e²	e						
S25R-MVWR/L16	40	25	24	200	26	12°	35	VN □ □ 1604 □ □	X	MSP510	MCL1814	WS061025	S2, S3
S32S-MVWR/L16	48	32	30	250	30	17°	40		MD1603	MSP513			
S40T-MVWR/L16	56	40	38	300	34	15°	50						

MVXNR/L



Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e²	e						
S25R-MVXNR/L16	32	25	23	200	17	12°	35	VN □ □ 1604 □ □	X	MSP510	MCL2414	WS061025	S2, S3
S32S-MVXNR/L16	42	32	30	250	22	17°	40		MT1603	MSP513			
S40T-MVXNR/L16	50	40	38	300	27	15°	50						

Internal

MWLNR/L



Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e°	e						
S20Q-MWLNRL08	25	20	18	180	13	17°	31	VN □□ 0804 □□	x	MSP510	MCL1810	WS061020	S2,S3
S25R-MWLNRL08	32	25	23	200	17	15°	35		MT1603	MSP513	MCL1814	WS061025	
S32S-MWLNRL08	41	32	30	250	22	12°	40						
S40T-MWLNRL08	50	40	37	300	27	15°	50						

MTFNR/L



Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench	
	Dmin	ød	h	l	s	e²	e							
S20Q-MTFNR/L16	25	20	18	180	13	15°	31	TN □□ 1604 □□	x	MSP510	MCL1810	WS061020	S2,S3	
S25R-MTFNR/L16	32	25	23	200	17	12°	35							
S32S-MTFNR/L16	40	32	30	250	22	17°	40		MT1603	MSP513	MCL1814	WS061025		
S40T-MTFNR/L16	50	40	38	300	27	15°	50							

Turning Tools

Type M

P58

Internal

MTQNR/L

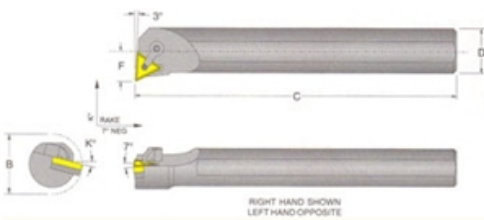


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e ²	e						
S20Q-MTQNR/L16	25	20	18	180	13	15°	31	TN □ □ 1604 □ □	x	MSP510	MCL1810	WS061020	S2, S3
S25R-MTQNR/L16	32	25	23	200	17	12°	35						
S32S-MTQNR/L16	40	32	30	250	22	17°	40		MT1603	MSP513	MCL1814	WS061025	
S40T-MTQNR/L16	50	40	37	300	27	15°	50						

MTJNR/L



Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench
	Dmin	ød	h	l	s	e ²	e						
S25R-MTJNR/L16	32	25	23	200	17	12°	35	TN □ □ 1604 □ □	X	MSP510	MCL1814	WS061025	S2, S3
S32S-MTJNR/L16	40	32	30	250	22	17°	40		MT1603	MSP513			
S40T-MTJNR/L16	50	40	38	300	27	15°	50						

Internal

MTUNR/L



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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Secrew	Wrench	
	Dmin	ød	h	l	s	e°	e							
S20Q-MTUNR/L16	25	20	18	180	13	15°	31	TN □□ 1604 □□	x	MSP510	MCL1810	WS061020	S2, S3	
S25R-MTUNR/L16	32	25	23	200	17	12°	35							
S32S-MTUNR/L16	40	32	30	250	22	17°	40		MT1603	MSP513	MCL1814	WS061025		
S40T-MTUNR/L16	50	40	37	300	27	15°	50							

MTWNR/L

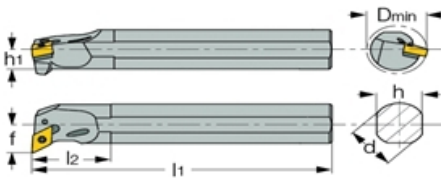


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Shim	Clamping Stud	Clamp	Clamping Screw	Wrench
	Dmin	ød	h	l	s	e ²	e						
S20Q-MTWNRL16	27	20	18	180	13	15°	31	 TN □□ 1604 □□	x	MSP510	MCL1810	WS061020	S2, S3
S25R-MTWNRL16	32	25	23	200	17	12°	35		MT1603	MSP513	MCL1814	WS061025	
S32S-MTWNRL16	40	32	30	250	22	17°	40						
S40T-MTWNRL16	50	40	38	300	27	15°	50						

PDUNR/L

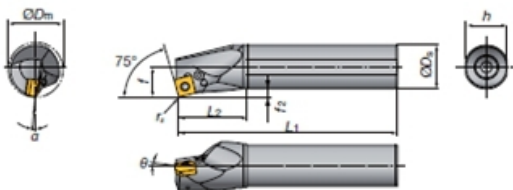


Cutoutil

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[illegible]

PSKNR/L

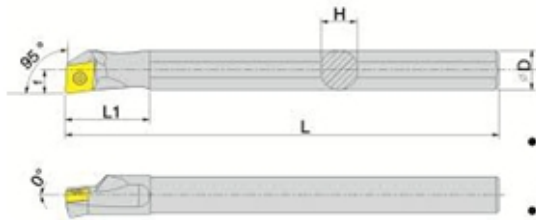


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench	Lever	Shim	Shim pin
	D _{min}	ød	h	l	s	e ²	e						
S25R-PSKNR/L12	32	25	23	200	17	-12°	42	 SN □□ 1204 □□	VHX0613	S2,5	LV4A	-	-
S32S-PSKNR/L12	44	32	30	250	22	-10°	45		VHX0821	S3	LV4A	PS12318	SP4
S40T-PSKNR/L12	54	40	37	300	27	-10°	50						

SCLCR/L

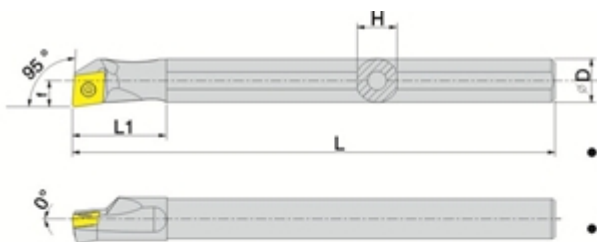


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e ²	e			
S07K-SCLCR/L06	9	7	6	125	4.2	-15°	14	CC □□ 0602 □□	L60M2.5X5	T08
S08K-SCLCR/L06	10	8	7	125	5	-15°	14			
S10K-SCLCR/L06	12	10	9	125	6	-13°	14			
S12M-SCLCR/L06	16	12	11	150	9	-10°	25			
S12M-SCLCR/L09	16	12	11	150	9	-10°	25	CC □□ 09T3 □□	L60M4X8	T15
S16Q-SCLCR/L09	20	16	15	180	11	-12°	33			
S20Q-SCLCR/L09	25	20	18	180	13	-8°	38			
S25R-SCLCR/L09	32	25	23	200	17	-6°	45			
S25R-SCLCR/L12	32	25	23	250	17	-6°	45	CC □□ 1204 □□	L60M5X12	T20
S32S-SCLCR/L12	40	32	30	250	22	-10°	50			
S40T-SCLCR/L12	50	40	37	300	27	-8°	60			

SCLCR/L-H



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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e ²	e			
S08K-SCLCR/L06H09	9	8	7	125	5	-15°	22	CC □T 0602 □□	L60M2.5X5	T08
S10K-SCLCR/L06H11	11	10	9	150	6	-13°	24			
S12M-SCLCR/L06H13	13	12	11	150	9	-10°	25			
S16Q-SCLCR/L09H17	17	16	15	180	11	-12°	30	CC □□ 09T3 □□	L60M4X8	T15

SCKCR/L

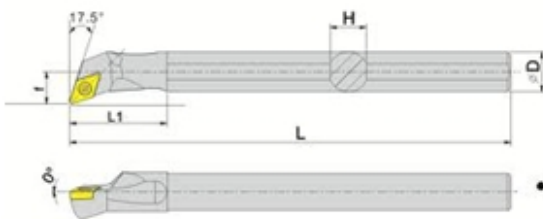


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e ²	e			
S08K-SCKCR/L06	10	8	7	125	5.5	-13°	25	CC □T 0602 □□	L60M2.5X5	T08
S10K-SCKCR/L06	13	10	9	125	7	-12°	25			
S12M-SCKCR/L06	16	12	11	150	8.5	-10°	25			
S12M-SCKCR/L09	16	12	11	150	8.5	-12°	30	CC □T 09T3 □□	L60M2.5X5	T15
S16Q-SCKCR/L09	20	16	15	160	11	-10°	33			
S20Q-SCKCR/L09	24	20	19	180	13	-8°	35			
S25R-SCKCR/L09	31	26	24	200	17	-8°	40			

SDQCR/L

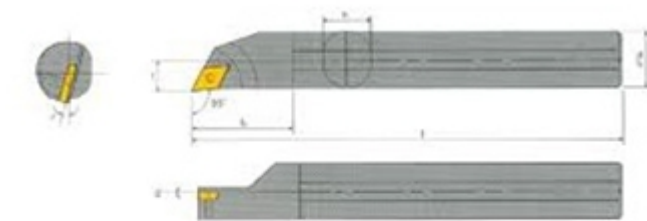


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e ²	e			
S08K-SDQCR/L07	10	8	7	125	5	-8°	14	DC □T 0702 □□	L60M2.5X5	T08
S10K-SDQCR/L07	13	10	9	150	7	-8°	20			
S12M-SDQCR/L07	16	12	11	150	9	-8°	22			
S16Q-SDQCR/L07	20	16	15	180	11	-6°	27			
S20Q-SDQCR/L11	25	20	18	180	13	-6°	32	DC □T 11T3 □□	L60M4X8	T15
S25R-SDQCR/L11	32	25	23	200	17	-6°	32			

SDXCR/L



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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e ²	e			
S10K-SDXCR/L07	13	10	9	150	7	-8°	20	DC □T 0702 □□	L60M2.5X5	T08
S12M-SDXCR/L07	16	12	11	150	9	-8°	22			
S16Q-SDXCR/L07	20	16	15	180	11	-6°	27			
S20Q-SDXCR/L11	25	20	18	180	13	-6°	32	DC □T 11T3 □□	L60M4X8	T15
S25R-SDXCR/L11	32	25	23	200	17	-6°	32			

SDWCR/L

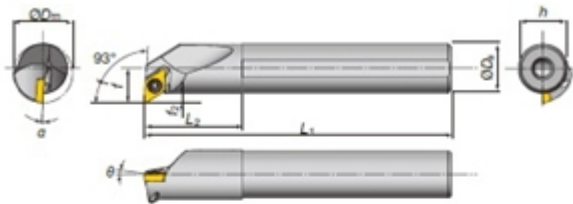


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e ²	e			
S12M-SDWCR/L07	19	12	11	150	10.5	-8°	14	DC □T 0702 □□	L60M2.5X5	T08
S16Q-SDWCR/L07	23	16	15	180	12.5	-8°	20			
S20Q-SDWCR/L07	27	20	19	180	14.5	-8°	22			
S20Q-SDWCR/L11	27	20	19	180	14.5	-6°	27	DC □T 11T3 □□	L60M4X8	T15
S25R-SDWCR/L11	32	25	24	200	17	-6°	32			
S32S-SDWCR/L11	40	32	30	250	20	-6°	32			

SDUCR/L

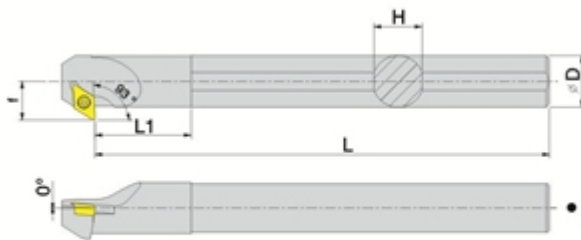


Cutoutil

www.cutoutil.com

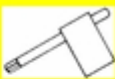
Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e			
S08K-SDUCR/L07	13	8	9	125	7	-8°	22	DC □T 0702 □□	L60M2.5X5	T08
S10K-SDUCR/L07	13	10	9	125	7	-8°	22			
S12M-SDUCR/L07	16	12	11	150	9	-8°	22			
S16Q-SDUCR/L07	20	16	15	180	11	-6°	27	DC □T 11T3 □□	L60M4X8	T15
S20Q-SDUCR/L11	25	20	18	180	13	-6°	40			
S25R-SDUCR/L11	32	25	23	200	17	-6°	46			

SDZCR/L

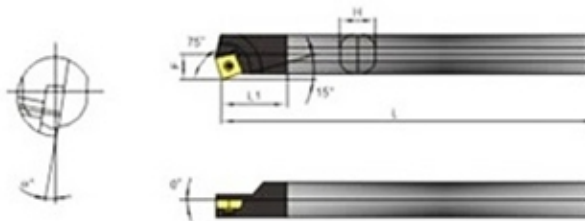


Cutoutil

www.cutoutil.com

Type	Dimension (mm)								Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e	f			
S20Q-SDZCR/L11	27	20	18	180	15	-6°	35	6.9	DC □T 11T3 □□	L60M4X8	T15
S25R-SDZCR/L11	33	25	23	200	17	-6°	40	6.9			
S32S-SDZCR/L11	40	32	30	250	22	-6°	45	8.4			
S40T-SDZCR/L11	50	40	37	300	27	-4°	45	9.4			

SSKCR/L

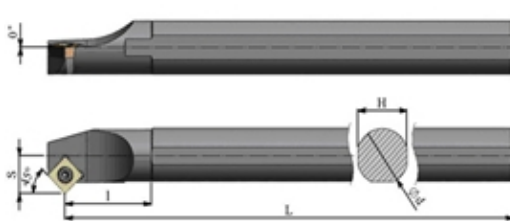


Cutoutil

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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e ²	e			
S12M-SSKCR/L09	16	12	11	150	9	-10°	25	SC □ T 09T3 □ □	L60M4X8	T15
S16Q-SSKCR/L09	20	16	15	180	11	-11°	30			
S20Q-SSKCR/L09	25	20	18	180	13	-6°	35			
S25R-SSKCR/L09	32	25	23	200	17	-8°	40			
S25R-SSKCR/L12	32	25	23	200	17	-8°	40	SC □ T 1204 □ □	L60M5X12	T20
S32S-SSKCR/L12	40	32	30	250	22	-10°	45			

SSSCR/L

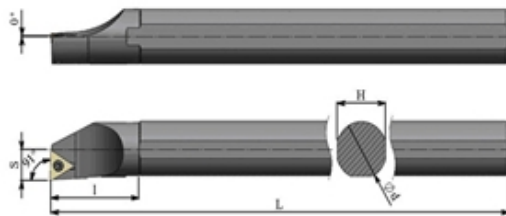


Cutoutil

www.cutoutil.com

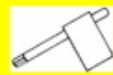
Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e ²	e			
S12M-SSSCR/L09	16	12	11	150	9	-10°	25	SC □ T 09T3 □ □	L60M4X8	T15
S16Q-SSSCR/L09	20	16	15	180	11	-11°	30			
S20Q-SSSCR/L09	25	20	18	180	13	-6°	35			
S25R-SSSCR/L09	32	25	23	200	17	-8°	40			
S25R-SSSCR/L12	32	25	23	200	17	-8°	40	SC □ T 1204 □ □	L60M5X12	T20
S32S-SSSCR/L12	40	32	30	250	22	-10°	45			

STFCR/L



Cutoutil

www.cutoutil.com

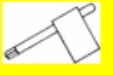
Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e			
S08K-STFCR/L09	10	8	7	125	5	-10°	14	TC □ T 09T □ □	L60M2.5X5	T08
S10K-STFCR/L09	12	10	9	125	6	-13°	25			
S12M-STFCR/L09	16	12	11	150	9	-10°	30			
S12M-STFCR/L11	16	12	11	150	11	-6°	30	TC □ T 1102 □ □	L60M2.5X5	T08
S16Q-STFCR/L11	20	16	15	180	11	-6°	35			
S20Q-STFCR/L11	25	20	18	180	13	-3°	36			
S25R-STFCR/L16	32	25	23	200	17	-6°	49	TC □ T 16T3 □ □	L60M4X8	T15
S32S-STFCR/L16	40	32	30	250	22	-10°	50			
S40T-STFCR/L16	50	40	37	300	27	-8°	60			

STWCR/L



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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e			
S10K-STWCR/L11	14	10	9	125	6	-10°	14	TC □ T 09T □ □	L60M2.5X5	T08
S12M-STWCR/L11	16	12	11	150	9	-13°	25			
S16Q-STWCR/L11	20	16	15	180	11	-10°	30			
S20Q-STWCR/L11	25	20	19	180	13	-6°	30	TC □ T 1102 □ □	L60M2.5X5	T08
S25R-STWCR/L11	32	25	24	200	17	-6°	35			
S20Q-STWCR/L16	25	20	19	180	14.5	-3°	36			
S25R-STWCR/L16	32	25	24	200	17	-6°	49	TC □ T 16T3 □ □	L60M4X8	T15
S32S-STWCR/L16	39	32	30	250	22	-10°	50			
S40T-STWCR/L16	50	40	38	300	27	-8°	60			

STFPR/L

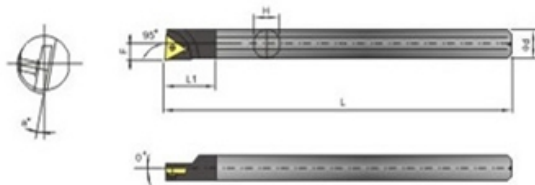


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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e			
S08K-STFPR/L11H09	9	8	7	125	5	-10°	14	TP □T 0902 □□	L60M2.5X5	T08
S10K-STFPR/L11H11	11	10	9	125	6	-13°	25	TP □T 1102 □□		
S12M-STFPR/L11H13	13	12	11	150	9	-10°	30	TP □T 1103 □□		
S16Q-STFPR/L11H17	17	16	15	180	11	-6°	35			

STUCR/L

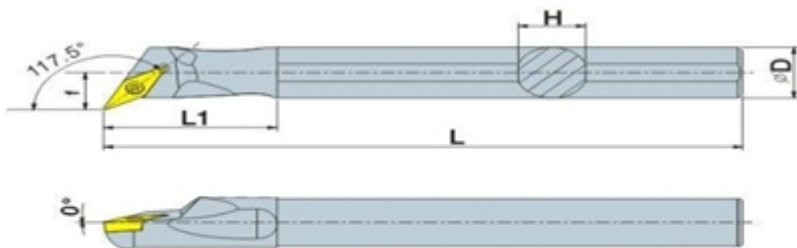


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Type	Dimension (mm)							Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e			
										
S08K-STUCR/L09	11	8	7	125	5.5	15°	23	TC □T 09T □□	L60M2.5X5	T08
S08K-STUCR/L09-A16	11	16	7	125	5.5	15°	24			
S10K-STUCR/L09	13	10	9	125	7	13°	24			
S10KSTUCR/L09-A16	13	16	9	125	7	13°	30			
S10K-STUCR/L11	13	10	9	125	7	12°	24	TC □T 1102 □□	L60M2.5X5	T08
S10K-STUCR/L11-A16	16	16	9	125	7	12°	30			
S12M-STUCR/L11	16	12	11	150	8.5	10°	27			
S12M-STUCR/L11-A16	16	16	11	150	8.5	10°	30			
S16Q-STUCR/L11	20	16	15	160	11	8°	30			
S20Q-STUCR/L11	25	20	19	180	13	6°	35			
S25R-STUCR/L11	31	25	24	200	17	4°	40	TC □T 16T3 □□	L60M4X8	T15
S20Q-STUCR/L16	25	20	19	180	13	8°	40			
S25R-STUCR/L16	31	25	24	200	17	6°	40			
S32S-STUCR/L16	39	32	30	250	22	4°	45			
S40T-STUCR/L16	50	40	38	300	27	2°	55			
S50U-STUCR/L16	60	50	48	350	31	0°	60			

SVQCR/L

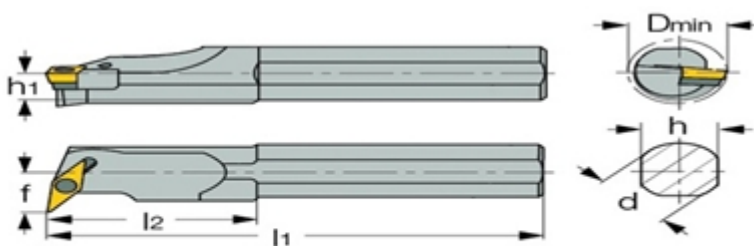


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Type	Dimension (mm)								Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e	f			
S20Q-SVQCR/L16	27	20	18	180	14	-8°	41	6.9	WC □T 1604 □□	L60M4X8	T15
S25S-SVQCR/L16	32	25	23	200	17	-8°	49	6.9			
S32S-SVQCR/L16	40	32	30	250	23	-8°	56	8.4			
S40T-SVQCR/L16	50	40	37	300	27	-8°	64	9.4			

SVQBR/L

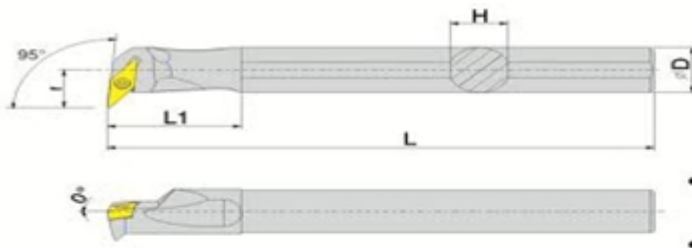


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Type	Dimension (mm)									Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e	f				
S20Q-SVQBR/L16	27	20	18	180	14	-8°	41	6.9	VC □T 1604 □□	L60M4X8	T15	
S25S-SVQBR/L16	32	25	23	200	17	-8°	49	6.9				
S32S-SVQBR/L16	40	32	30	250	23	-8°	56	8.4				
S40T-SVQBR/L16	50	40	37	300	27	-8°	64	9.4				

SVUCR/L

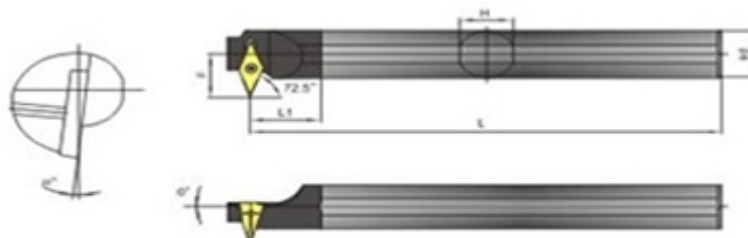


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Type	Dimension (mm)									Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e	f				
S16Q-SVUCR/L11	22	16	15	180	12.5	-8°	32.5	6.9	WC □T 1103 □□	L60M2.5X5	T08	
S20Q-SVUCR/L16	31	20	18	180	15	-8°	38	6.9	WC □T 1604 □□	L60M4X8	T15	
S25R-SVUCR/L16	35	25	23	180	17	-8°	45	8.4				
S32S-SVUCR/L16	42	32	30	250	22	-8°	49	8.4				
S40T-SVUCR/L16	51	40	37	300	27	-8°	56.5	9.4				

SVWCR/L

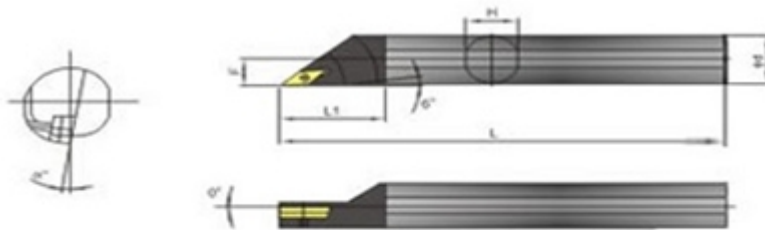


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Type	Dimension (mm)								Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e	f			
S16Q-SVWCR/L11	30	25	15	180	11	-8°	32.5	6.9	WC □T 1103 □□	L60M2.5X5	T08
S20Q-SVWCR/L16	25	28	18	180	15	-8°	38	6.9	WC □T 1604 □□	L60M4X8	T15
S25R-SVWCR/L16	32	34	23	180	17	-8°	45	8.4			
S32S-SVWCR/L16	40	42	30	250	22	-8°	49	8.4			
S40T-SVWCR/L16	50	50	37	300	27	-8°	56.5	9.4			

SVXCR/L

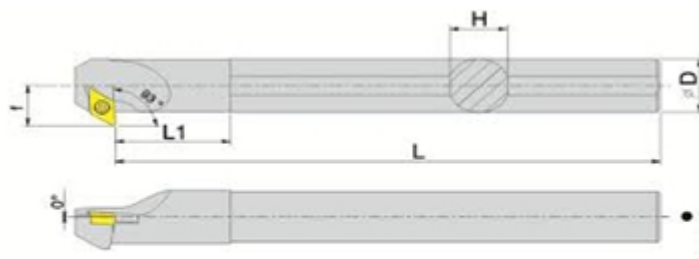


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Type	Dimension (mm)									Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e	f				
S16Q-SVXCR/L11	20	16	15	180	11	-8°	32.5	6.9	WC □T 1103 □□	L60M2.5X5	T08	
S20Q-SVXCR/L16	25	20	18	180	15	-8°	38	6.9	WC □T 1604 □□	L60M4X8	T15	
S25S-SVXCR/L16	32	25	23	180	17	-8°	45	8.4				
S32S-SVXCR/L16	40	32	30	250	22	-8°	49	8.4				
S40T-SVXCR/L16	50	40	37	300	27	-8°	56.5	9.4				

SVZCR/L



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Type	Dimension (mm)								Applicable Inserts	Screw	Wrench
	Dmin	ød	h	l	s	e²	e	f			
S16Q-SVZCR/L11	22	16	15	180	11	-8°	32.5	6.9	WC □T 1103 □□	L60M2.5X5	T08
S20Q-SVZCR/L11	28	20	18	180	15	-8°	38	6.9	WC □T 1604 □□	L60M4X8	T15
S25S-SVZCR/L16	34	25	23	180	17	-8°	45	8.4			
S32S-SVZCR/L16	42	32	30	250	22	-8°	49	8.4			
S40T-SVZCR/L16	50	40	37	300	27	-8°	56.5	9.4			

Type M - Wedge clamping

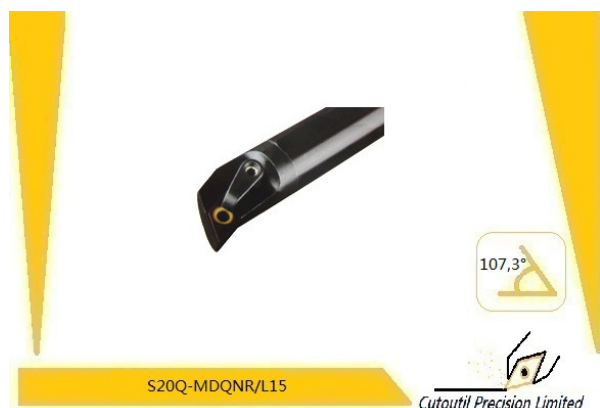
P73



MCKNR/L



MCLNR/L



MDQNR/L



MDUNR/L



MDZNR/L



MSKNR/L



MVQNR/L



MVUNR/L

Type M - Wedge clamping

P74



MVWNR/L



MVXNR/L



MWLNR/L



MTFNR/L



MTQNR/L



MTJNR/L



MTUNR/L



MTWNR/L

Type P - Wedge clamping

P75



PCLNR/L



PDSNR/L



PDUNR/L



PSKNR/L



PTFNR/L



PWLNR/L

Type S - Wedge clamping

P76



SCLCR/L



SCLCR/L-H



SCKCR/L



SDQCR/L



SDXCR/L



SDWCR/L



SDUCR/L



SDZCR/L

Type S - Wedge clamping

P77



SSKCR/L



SSSCR/L



STFCR/L



STWCR/L



STFPR/L



STUCR/L



SVQCR/L



SVQBR/L

Type S - Wedge clamping

P78



SVUCR/L



SVWCR/L



SVWCR/L



SVZCR/L

External milling tools

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About Us :

Cutoutil Precision is a professional company specialized in cutting tools ,Diamond tools,Machine Accessories and measuring tools . Since 2009 , we export various cutting tools to Europe , South/North America, Mid-East and Asia and established long-term business relationship with each other.

The scope of main products included indexable toolholders, Carbide End Mills,Carbide Ball End Mills ,Carbide Drills & milling cutter ,carbide inserts and ER collets ,chucks etc . Besides ,we also supply OEM service .

Our principle is always “high quality ,mutual benefits ,fast delivery” . It is saying highest quality tools at the most competitive price with the shortest delivery time . Quality control is the most important . Any comments on quality will be taken seriously .

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Content

M Type External Turning Tools Holders	P01 - P10
P Type External Turning Tools Holders	P11 - P17
S Type External Turning Tools Holders	P18 - P28
C Type External Turning Tools Holders	P29 - P31
D Type External Turning Tools Holders	P32 - P37
W Type External Turning Tools Holders	P38 - P39
Proudut Preview	P40 - P51



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Indexable Milling Tools Code Key

Type of Tools		Lead Angle	Number of Type
FM	Face milling tool	P 90°	Diameter ØD Side and face milling tool diameter "blade width"
EM	Square-shank milling tool	E 75°	
HM	Helical and face milling tool	D 60°	Tool Installation Position
SM	Side and face milling tool	A 45°	
BM	Profile milling tool		Dimension
CM	Chamfer milling tool		
XM	T slot milling tool		
TM	Special milling tool		

FM E 03-100-B 32

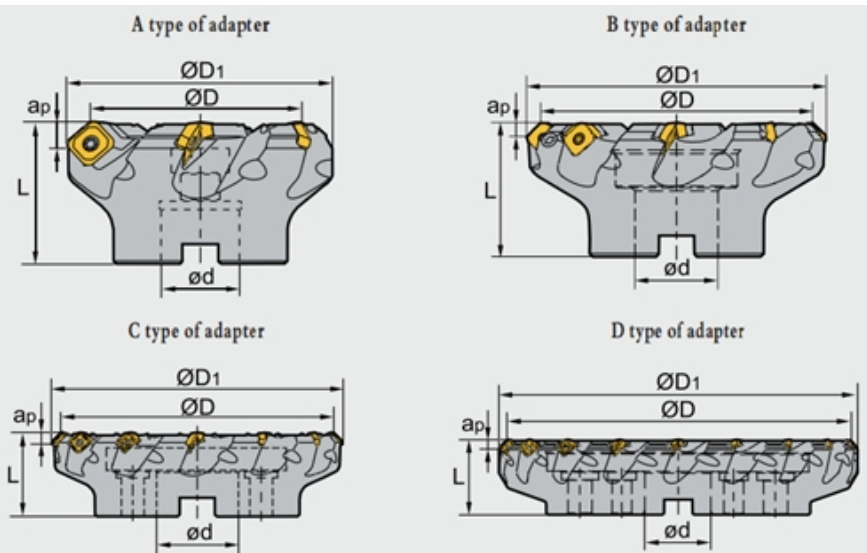
Type of Tools		Lead Angle	Number of Type
FM	Face milling tool	P 90°	Diameter ØD Side and face milling tool diameter "blade width"
EM	Square-shank milling tool	E 75°	
HM	Helical and face milling tool	D 60°	Tool Installation Position
SM	Side and face milling tool	A 45°	
BM	Profile milling tool		Dimension
CM	Chamfer milling tool		
XM	T slot milling tool		
TM	Special milling tool		

Shape of Blade		Insert Clearance Angle		Cutting Edge Length (mm)									
				Shape of Blade									

Milling Tools

P01

FMA01



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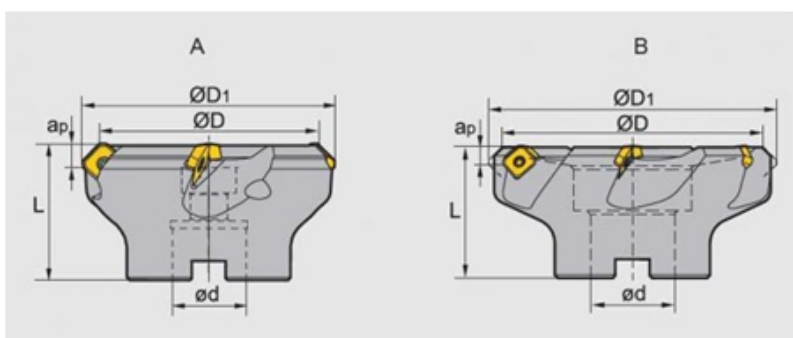
Type		Dimension (mm)					Z	conector	(kg)
		ØD	ØD1	ød	L	øpmax			
FMA01	050-A22-SE12-04	50	61	22	40	6	4	A	0.3
	063-A22-SE12-05	63	74	22	40	6	5	A	0.5
	080-A27-SE12-06	80	91	27	50	6	6	A	1.2
	100-B32-SE12-07	100	107	32	50	6	7	B	1.2
	125-B40-SE12-08	125	136	40	63	6	8	B	2.6
	160-B40-SE12-10	160	170	40	63	6	10	B	4.3
	200-C60-SE12-12	200	210	60	63	6	12	C	7.6
	250-C60-SE12-14	250	260	60	63	6	14	C	13.5
	315-D60-SE12-18	315	325	60	70	6	18	C	20.8

ØD	Applicable Inserts	Screw	Shim	Screw	Wrench	Wrench
						
Ø50-Ø100	SE_T12T3	L60M3.5x10	-	-	T15T	-
Ø125-Ø35		L60M3.5x10	S13BS	SM5x7XA		S3.5

Milling Tools

P02

FMA02



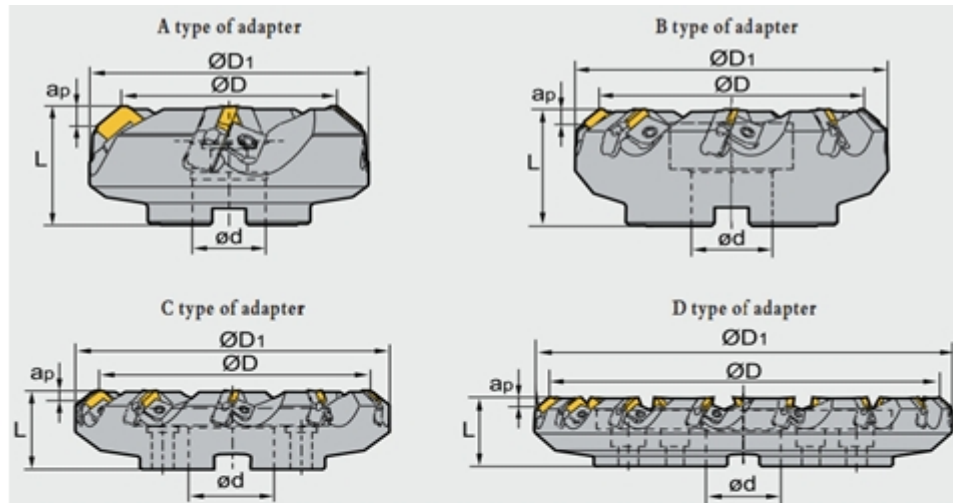
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Type		Dimension (mm)					Z	conector	(kg)
		ØD	ØD1	ød	L	øpmax			
FMA02	050-A22-SE12-03	50	61	22	40	6	3	A	0.4
	063-A22-SE12-04	63	74	22	40	6	4	A	0.6
	080-A27-SE12-04	80	91	27	50	6	4	A	1.3
	100-B32-SE12-0	100	107	32	50	6	5	B	1.3
	125-B40-SE12-06	125	131	40	63	6	6	B	2.6

ØD	Applicable Inserts	Screw	Wrench
			
050-0125	SE_T12T3	160M 3.5x10	T 15T

FMA03



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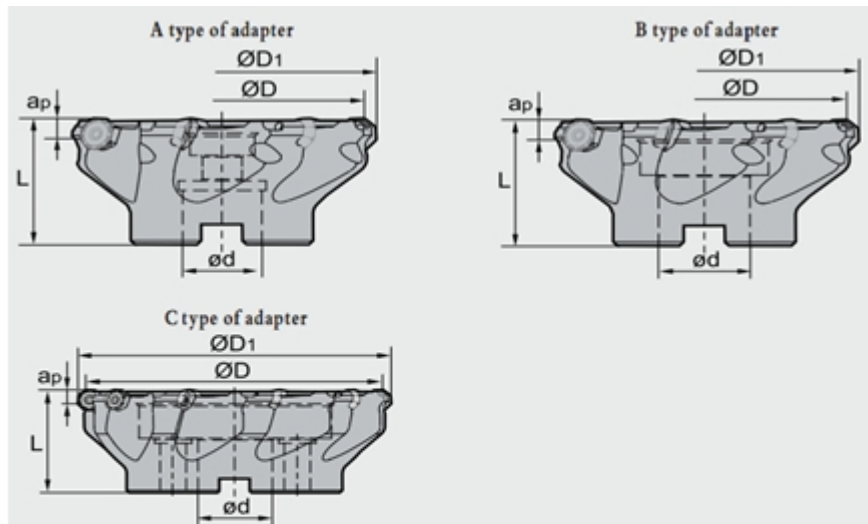
Type		Dimension (mm)					Z	conector	(kg)
		ØD	ØD1	ød	L	øpmax			
FMA03	080-A27-SE12-04	80	103	27	50	5.5	4	A	1.8
	100-B32-SE12-05	100	122	32	50	5.5	5	B	2.4
	125-B40-SE12-06	125	147	40	63	5.5	6	B	4.4
	160-B40-SE12-08	160	181	40	63	5.5	8	B	6.4
	200-C60-SE12-10	200	221	60	63	5.5	10	C	8.5
	250-C60-SE12-12	250	270	60	63	5.5	12	C	14.1
	315-D60-SE12-15	315	353	60	63	5.5	15	D	22.2
	080-A27-SE15-04	80	103	27	50	7.5	4	A	1.7
	100-B32-SE15-05	100	122	32	50	7.5	5	B	2.3
	125-B40-SE15-06	125	147	40	63	7.5	6	B	4.2
	160-B40-SE15-08	160	181	40	63	7.5	8	B	6.1
	200-C60-SE15-10	200	221	60	63	7.5	10	C	8.3
	250-C60-SE15-14	250	270	60	63	7.5	12	C	13.6
	315-D60-SE15-18	315	353	60	70	7.5	15	D	21.8

ØD	Applicable Inserts	Shim	Clamp	Screw	Screw	Wrench
						
Ø60-Ø315	SE_N1404	LSE12R/L	W01R/L	DM8x21x	LOM5x5.1	S3 S4
Ø125-Ø315		LSE15R/L				

Milling Tools

P04

FMA04



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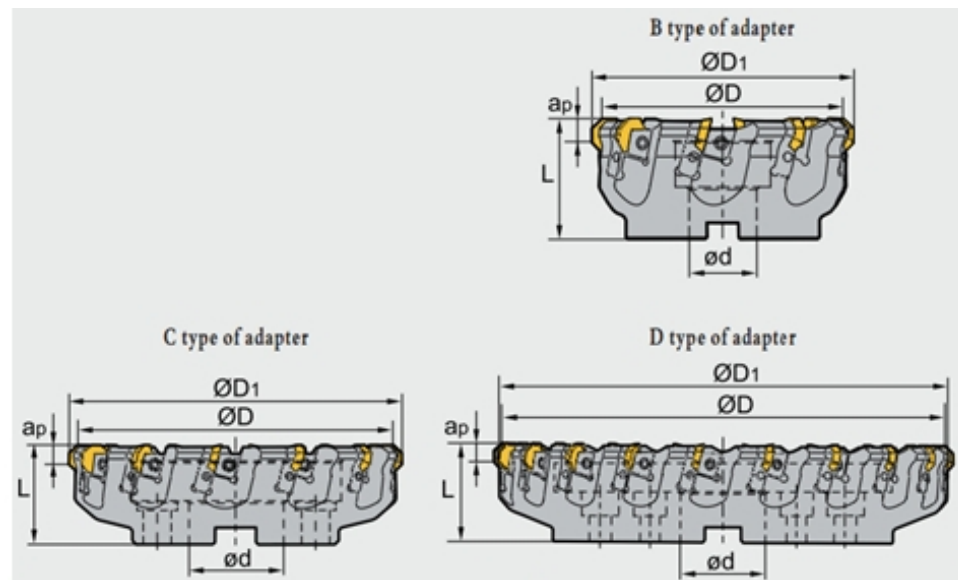
Type		Dimension (mm)					Z	conector	(kg)
		ØD	ØD1	ød	L	øpmax			
FMA04	050-A22-OF05-04	50	56	22	40	3.5	4	A	0.3
	050-A22-OF05-05	50	56	22	40	3.5	5	A	0.4
	063-A22-OF05-05	63	69	22	40	3.5	5	A	0.5
	080-A27-OF05-06	80	86	27	50	3.5	6	A	0.8
	100-B32-OF05-07	100	106	32	50	3.5	7	B	1.2
	125-B40-OF05-08	125	130	40	63	3.5	8	B	2.7
	160-B40-OF05-10	160	165	40	63	3.5	10	B	5.1
	160-B40-OF05-10	160	165	40	63	3.5	10	C	4.1

ØD	Applicable Inserts	Sxrew	Wrench
Ø50-Ø63	OFKT05T3	L60M 4x10	T 15
Ø80-Ø160	OFKT05T3	L60M 4x10	T 15T

Milling Tools

P05

FMA04



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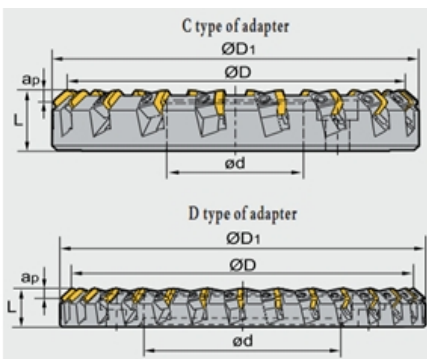
Type		Dimension (mm)					Z	conector	(kg)
		ØD	ØD1	ød	L	øpmax			
FMA04	125-B40-OF07-08	125	136	40	63	5	8	B	3.9
	160-B40-OF07-10	160	171	40	63	5	10	B	5.9
	200-C60-OF07-12	200	211	60	63	5	12	C	7.6
	250-C60-OF07-16	250	261	60	63	5	16	C	13.3
	315-D60-OF07-20	315	321	60	63	5	20	D	20.3

ØD	Applicable Inserts	Shim	Clamp	Screw	Screw	Wrench
Ø125-Ø315	OFKR0704	LOF07R/L	W02R/L	DM8x21x	LOM5x15.1	S3, S4

Milling Tools

P06

FMA05

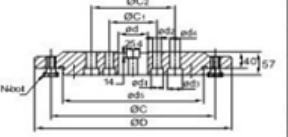


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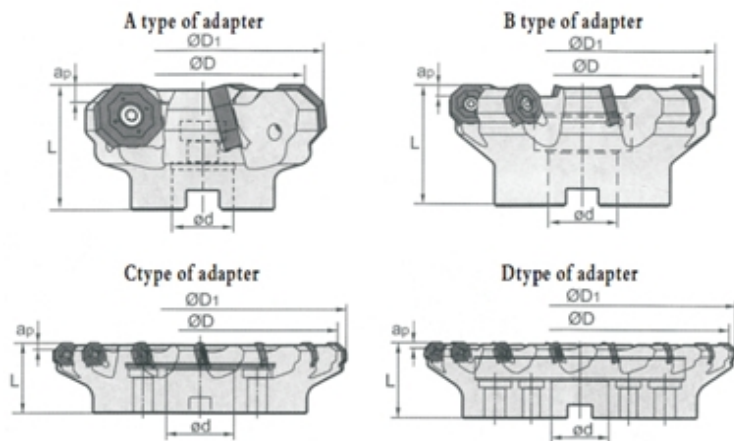
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Type		Dimension (mm)					Z	conector	(kg)
		OD	OD1	Od	L	Opmax			
FMA05	200-C60-SN12-18	200	215	80	40	5	18	Adapter1	6.9
	250-C60-SN12-24	250	250	120	40	5	24	Adapter2	9.4
	315-D60-SN12-30	315	330	180	40	5	30	Adapter3	12
	355-D60-SN12-34	355	370	220	40	5	34	Adapter4	15.1
	400-D60-SN12-38	400	415	250	40	5	38	Adapter5	18.4
	450-D60-SN12-44	450	465	300	40	5	44	Adapter6	21.7
	200-C60-SN15-18	200	220	80	40	5.5	18	Adapter1	6.9
	250-C60-SN15-24	250	270	120	40	5.5	24	Adapter2	9.4
	315-D60-SN15-34	315	335	180	40	5.5	30	Adapter3	12.6
	355-B60-SN15-34	355	375	220	40	5.5	34	Adapter4	15.2
	400-B60-SN15-38	400	420	250	40	5.5	38	Adapter5	18.4
	450-D60-SN15-44	450	470	300	40	5.5	44	Adapter6	21.8

ØD	Applicable Inserts	Shim	Screw	Wrench
				
Ø200-Ø450	SNKN1204	W04N	DM8x21X	S4
	SNKN1504	W05N		

	(mm)												
		ØD	Ød	Ød1	Ød2	Ød3	Ød4	Ød5	ØC	ØC1	ØC2	N	ØD
	Adapter1	180	60	26	18	-	-	80	120	101.6	-	4	.Ø200
	Adapter2	230	60	26	18	-	-	120	170	101.6	-	4	.Ø250
	Adapter3	290	60	26	18	32	22	180	230	101.6	177.8	6	.Ø315
	Adapter4	330	60	26	18	32	22	220	270	101.6	177.8	6	.Ø355
	Adapter5	370	60	26	18	32	22	250	300	101.6	177.8	6	.Ø400
	Adapter6	420	60	26	18	32	22	300	350	101.6	177.8	6	.Ø450

FMA07



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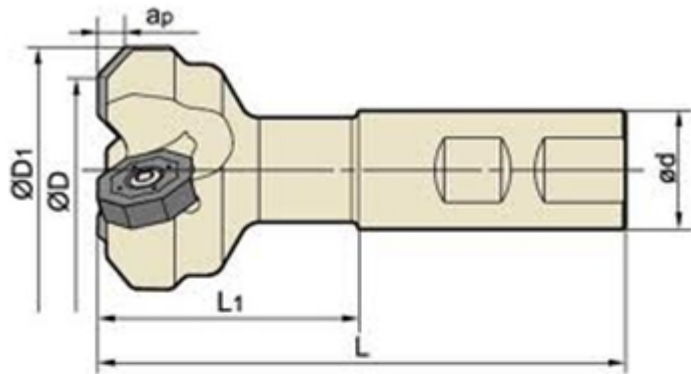
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Type		Dimension (mm)					Z	conector	(kg)
		ØD	ØD ₁	ed	L	øpmax			
FMA07	050-A22-ON06-05	50	62	22	40	4	5	A	0.3
	063-A22-ON06-06	63	75	22	40	4	6	A	0.5
	080-B27-ON06-07	80	92	27	50	4	6	B	1
	100-B32-ON06-08	100	112	32	63	4	8	B	1.9
	125-B40-ON06-09	125	137	40	63	4	9	B	3.5
	160-C40-ON06-11	160	172	40	63	4	11	C	0.3
	200-C60-ON06-13	200	212	60	63	4	13	C	6.4
	250-C60-ON06-14	250	262	60	63	4	15	C	13.4
	315-D60-ON06-17	315	327	60	80	4	17	D	21.9
	063-A22-ON08-05	63	78	2	40	5	5	A	0.5
	080-B27-ON08-06	80	95	27	50	5	6	B	0.9
	100-B22-ON08-07	100	115	32	63	5	7	B	1.8
	125-B40-ON08-08	125	140	40	63	5	8	B	3.1
	160-C40-ON08-10	160	175	40	63	5	10	C	4.1
	200-C80-ON08-12	200	215	60	63	5	12	C	6.1
	250-C80-ON08-12	250	265	60	63	5	14	C	12
	315-D60-ON08-16	315	330	60	80	5	16	D	21

ØD	Applicable Inserts	Screw	Wrench
			
Ø50-Ø315	ONHU06___-PF/PM/W	160M 3.5x10	T 15T
Ø63-Ø315	ONHU08___-PF/PM/W	L60M 5x13	T 20T

Milling Tools

FMA07



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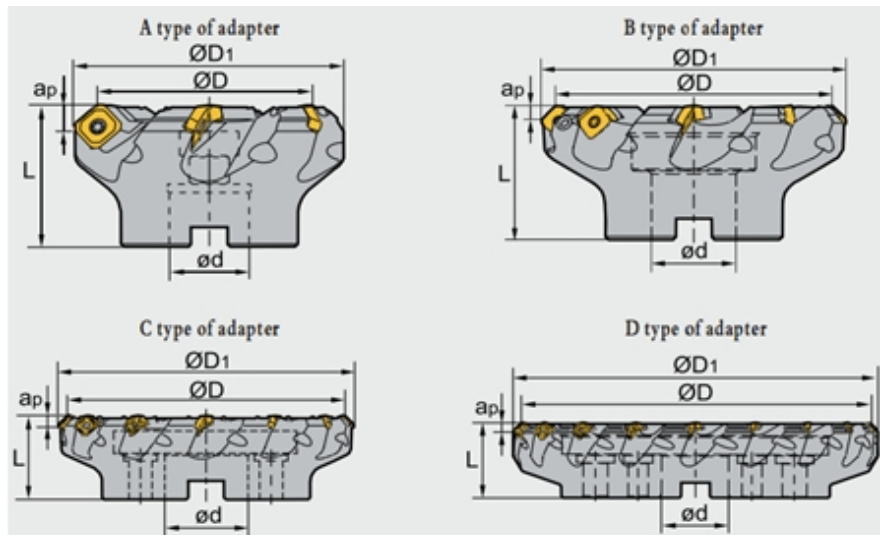
Type		Dimension (mm)						Z	(kg)
		ØD	ØD ₁	ød	L	L ₁	øpmax		
FMA07	025-XP20-ON06-02	25	37	20	95	45	4	3	0.2
	040-XP25-ON06-03	40	52	25	106	50	4	3	0.4
	032-XP25-ON08-02	32	47	25	111	55	5	2	0.4
	040-XP25-ON08-03	40	55	25	111	55	5	3	0.5
	050-XP25-ON08-04	50	65	25	111	55	5	4	0.6

ØD	Applicable Inserts	Screw	Wrench
			
Ø25-Ø40	ONHU06___-PH/PM/W	L60M 4x10	T 15T
Ø32-Ø50	ONHU06___-PH/PM/W	L60M 5x13	T 20T

Milling Tools

P09

FMA08



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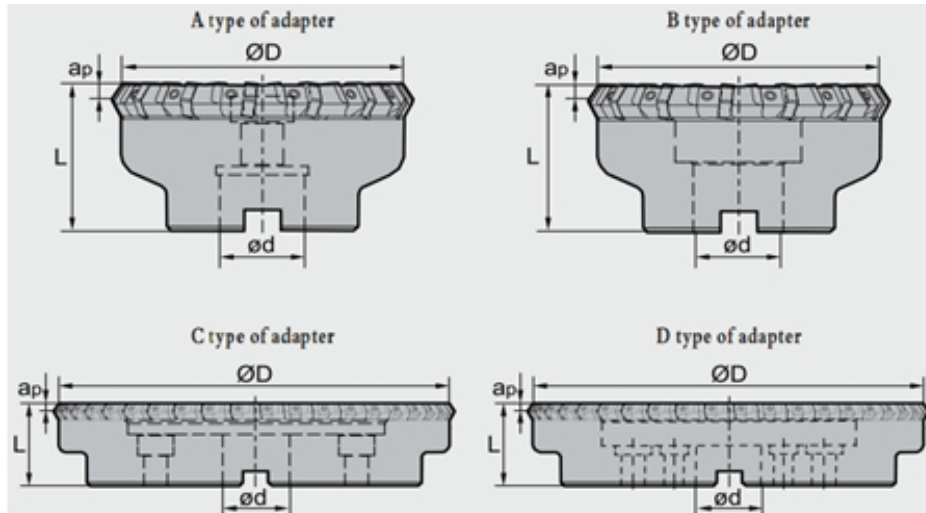
Type		Dimension (mm)					Z	conector	(kg)
		ØD	ØD1	ød	L	øpmax			
FMA08	050-A22-SE13-03	50	61	22	40	6	3	A	0.3
	063-A22-SE13-04	63	74	22	40	6	4	A	0.5
	080-A27-SE13-04	80	91	27	50	6	4	A	1.2
	100-B32-SE13-05	100	107	32	50	6	5	B	1.2
	125-B40-SE13-06	125	136	40	63	6	6	B	2.6
	050-A22-SE13-04	50	61	22	40	6	4	A	0.3
	063-A22-SE13-05	63	74	22	40	6	5	A	0.5
	080-A27-SE13-06	80	91	27	50	6	6	A	1.2
	100-B32-SE13-07	100	107	32	50	6	7	B	1.2
	125-B40-SE13-08	125	136	40	63	6	8	B	2.6
	160-B40-SE13-10	160	170	40	63	6	10	B	4.2
	200-C60-SE13-12	200	210	60	63	6	12	C	7.6
	250-C60-SE13-14	250	260	60	63	6	14	C	13.5
	315-D60-SE13-18	315	325	60	70	6	18	D	20.8

ØD	Applicable Inserts	Screw	Shim	Screw	Wrench	Wrench
						
Ø50-Ø100	SEET13T3AGEN-JL SEMT13T3AGSN-JM/JH/FT SEG13T3AGFN-JP	L60M3. 5x10	-	-	T15T	-
Ø125-Ø315		L60M3. 5x10	S13BS	SM5x7XA		S3.5

Milling Tools

P10

FMD02



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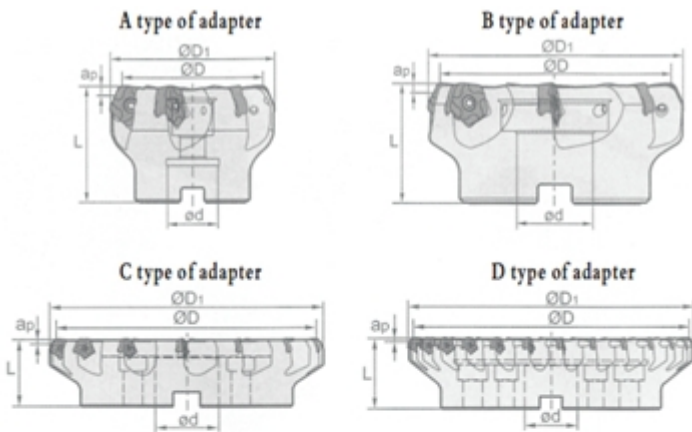
Type						Z	conector	(kg)
		ØD	Ød	L	Øpmax			
FMD02	080-A27-HN09-08	80	27	50	6	8	A	1.1
	100-B32-HN09-10	100	3	63	6	10	B	2.6
	125-B40-HN09-14	125	40	70	6	14	B	3.7
	160-B40-HN09-18	160	40	63	6	18	B	5.6
	200-C60-HN09-22	200	60	63	6	22	C	6.3
	250-C60-HN09-28	250	60	63	6	28	C	10.3
	315-D60-HN09-32	315	60	63	6	32	C	21.7

ØD	Applicable Inserts	Shim	Clamp	Wrech
Ø80-Ø315	HNEX0905	W06T	DM6x25	S3

Milling Tools

P11

FMD02



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Type		Dimension (mm)					Z	conector	(kg)
		ØD	ØD ₁	ød	L	øpmax			
FMD02	050-A22-PN11-04	50	60.1	22	50	5	4	A	0.6
	063-A22-PN11-05	63	73.1	22	50	5	5	A	0.8
	080-B27-PN11-06	80	90.1	27	50	5	6	A	1.1
	100-B32-PN11-07	100	110.1	32	50	5	7	B	1.8
	125-B40-PN11-08	125	135.1	40	63	5	8	B	2.9
	160-B40-PN11-10	160	170.1	40	63	5	10	B	5.5
	200-C60-PN11-12	200	210.1	60	63	5	12	C	7.9
	250-C60-PN11-14	250	260.1	60	63	5	14	C	13.4
	050-A22-PN11-05	50	60.1	22	50	5	5	A	0.6
	063-A22-PN11-06	63	73.1	22	50	5	6	A	0.9
	080-B27-PN11-08	80	90.1	27	50	5	8	A	1.2
	100-B32-PN11-10	100	110.1	32	50	5	10	B	1.9
	125-B40-PN11-12	125	135.1	40	63	5	12	B	3.2
	160-C40-PN11-14	160	170.1	40	63	5	14	B	6.4
	200-C60-PN11-16	200	210.1	60	63	5	16	C	8.5
	250-C60-PN11-18	250	260.1	60	63	5	18	C	18
	315-D60-PN11-26	315	325.1	60	80	5	26	D	24.5

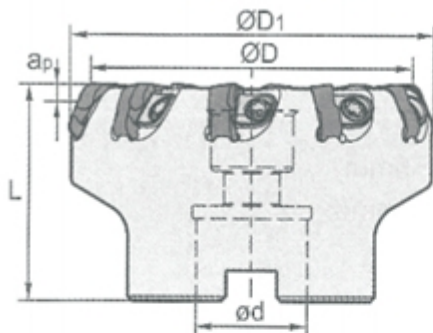
ØD	Applicable Inserts	Screw	Wrench
			
Ø50-Ø315	PNEG110512R-CR	L60M 4x10	T 15T
	PNEG110512R-CM		

Milling Tools

P12

FMD02

A type of adapter



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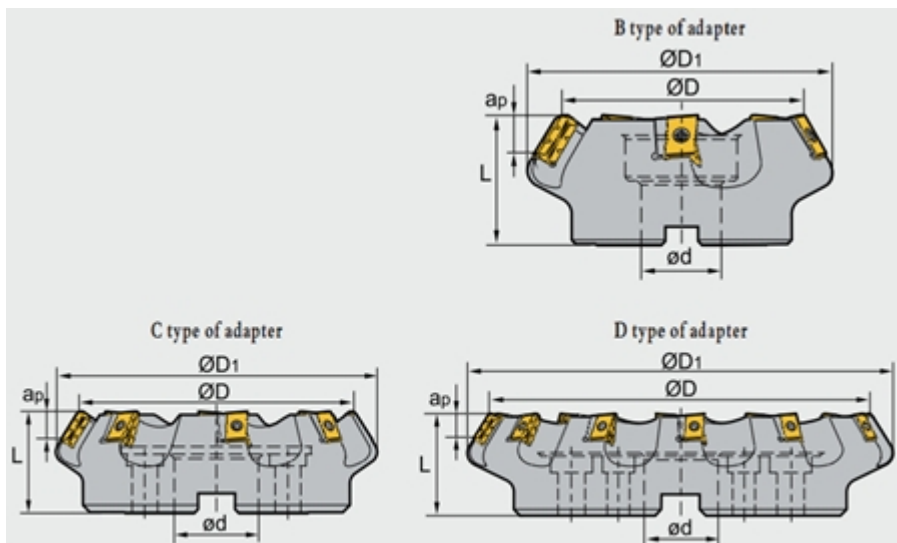
Type							Z	conector	(kg)
		ØD	ØD1	Ød	L	Øpmax			
FMD02	080-A27-PN11-10	80	90.1	27	50	5	10	A	1.3
	100-B32-PN11-14	100	110.1	32	50	5	14	B	1.6
	125-B40-PN11-18	125	135.1	40	63	5	18	B	3.2
	160-B40-PN11-22	160	170.1	40	63	5	22	B	5.8

ØD	Applicable Inserts	Shim		Wrech
Ø80-Ø160	PNEG110512R-CR	W18N	DM6x20A	S3
	PNEG110512R-CM			

Milling Tools

P13

FMD03



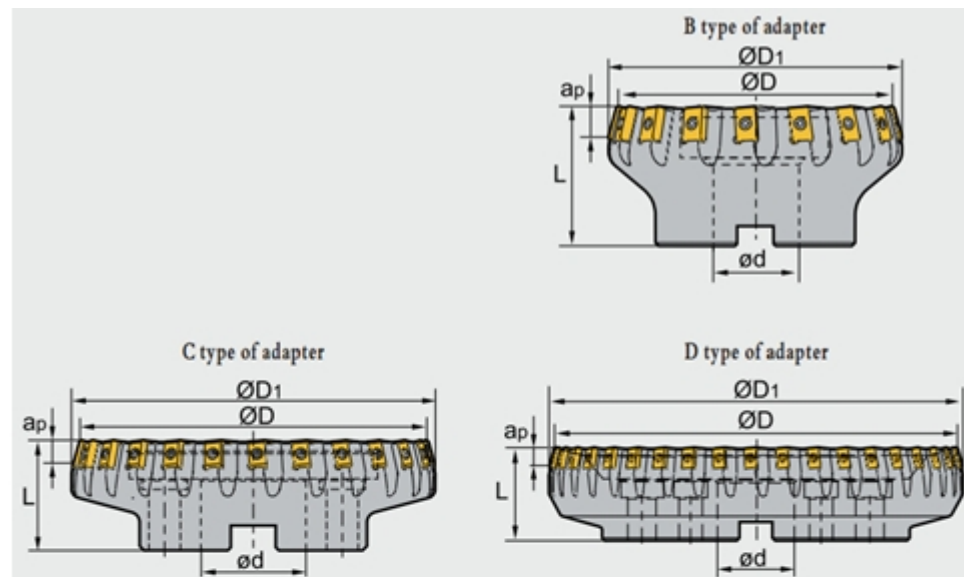
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Type							Z	conector	(kg)
		ØD	ØD1	Ød	L	Øpmax			
FMD03	125-B40-LN25-05	125	154	40	63	17	5	B	4.5
	160-C40-LN25-06	160	189	40	63	17	6	C	6.9
	200-C60-LN25-08	200	229	60	70	17	8	C	10.5
	250-C60LN25-10	250	278	60	70	17	10	C	16.7
	315-D60-LN25-12	315	346	60	80	17	12	D	27.3
	400-B60-LN25-16	400	427	60	80	17	16	D	47.1

ØD	Applicable Inserts	Shim		Wrech		
Ø125-Ø315	LNKT2007	L60M3x8	LLN20R-ZR	L60M4x15	T15T	T08
Ø125-Ø400	LNKT2510	L60M3.5x10	LLN25R-ZR	L60M5x17	T20T	T15

FME01



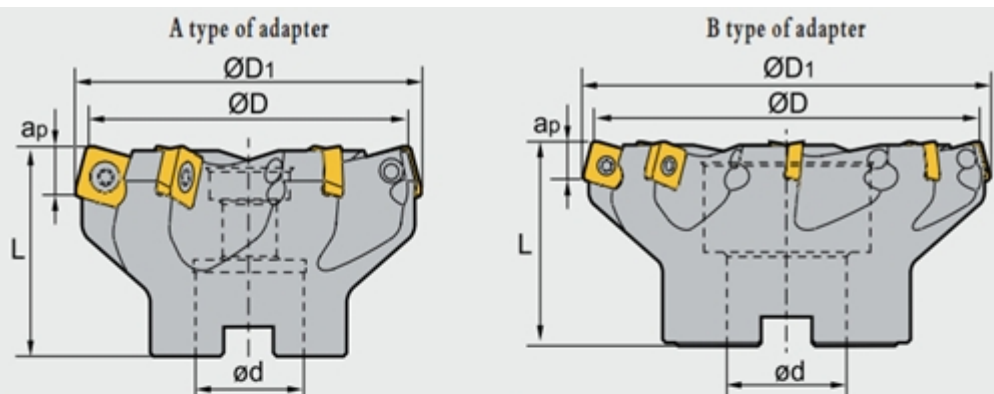
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Type							Z	conector	(kg)
		ØD	ØD1	Ød	L	Øpmax			
FME01	125-B40-LN15-16	125	132	40	63	8	16	B	3.5
	160-B40-LN15-20	160	168	40	63	8	20	B	6.1
	200-C60-LN15-25	200	208	60	63	8	25	C	7.4
	250-C60-LN15-32	250	257	60	63	8	32	C	13.1
	315-D60-LN15-40	315	323	60	70	8	40	D	25.5

ØD	Applicable Inserts	Stamp	Wrench
Ø125-Ø315	LNE32. 534	L90M4x11	T15T

FME02



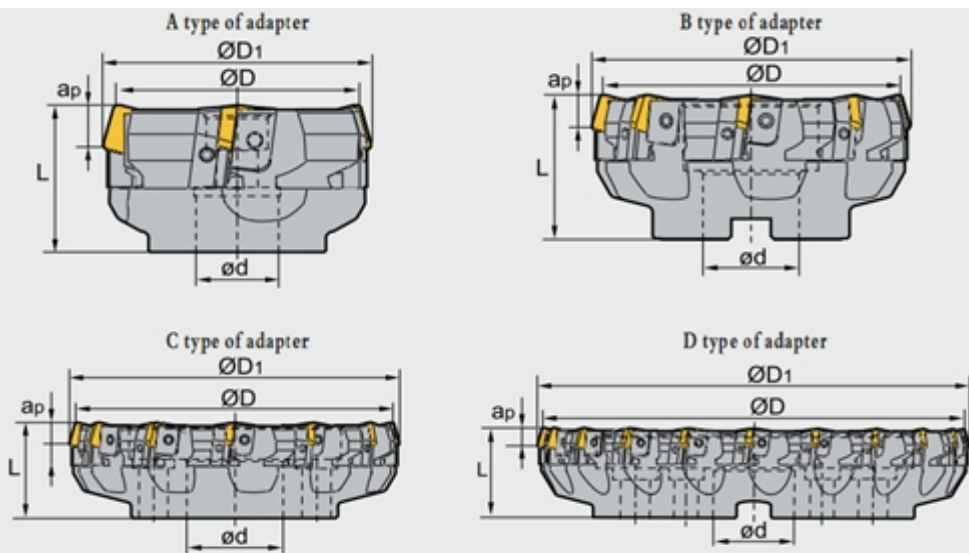
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Type							Z	conector	(kg)
		ØD	ØD1	Ød	L	Øpmax			
FME02	050-A22-SP12-04	50	54	22	40	6	4	A	0.3
	063-A22-SP12-05	63	66	22	50	6	5	A	0.6
	080-A27-SP12-06	80	83	27	50	6	6	A	0.9
	100-B32-SP12-07	100	103	32	50	6	7	B	1.4
	125-B40-SP12-08	125	128	40	63	6	8	B	2.5

ØD	Applicable Inserts	Stamp	Wrench
Ø50-Ø125	SPKW1204	L60M5x14	T20T

FME03



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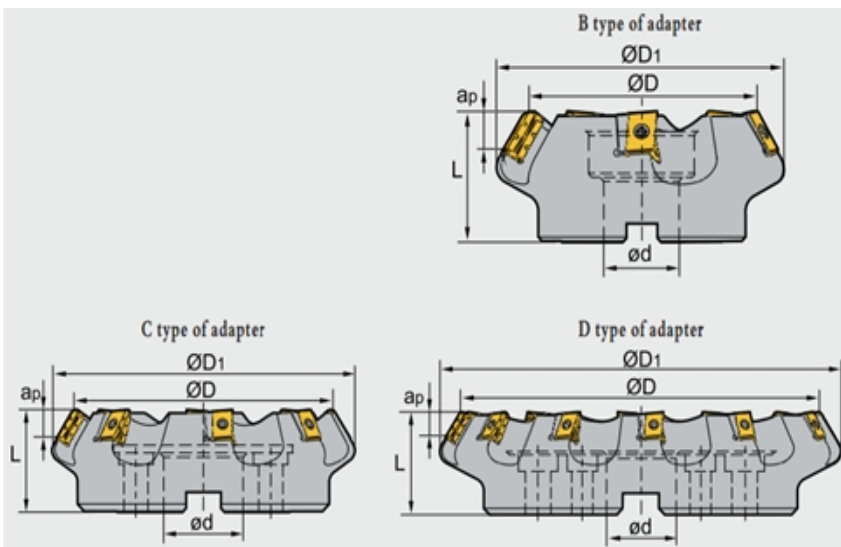
Type							Z	conector	(kg)
		ØD	ØD1	Ød	L	Øpmax			
FME03	080-A27-SP12-04	80	84	27	50	6	4	A	1.1
	100-B27-SP12-06	100	104	27	50	6	6	B	1.9
	125-B40-SP12-08	125	129	40	63	6	8	B	3.5
	160-B40-SP12-10	160	164	40	63	6	10	B	5.7
	200-C60-SP12-12	200	203	60	63	6	12	C	8.2
	250-C60-SP12-16	250	253	60	63	6	16	C	13.8
	315-D60-SP12-20	315	318	60	70	6	20	D	23.5
	080-A27-SP15-04	80	84	27	50	8	4	A	1
	100-B27-SP15-06	100	104	27	50	8	6	B	1.8
	125-B40-SP15-08	125	129	40	63	8	8	B	3.3
	160-B40-SP15-10	160	164	40	63	8	10	B	5.4
	200-C60-SP15-16	200	204	60	63	8	12	C	7.9
	250-C60-SP15-16	250	253	60	63	8	16	C	13.6
	315-D60-SP15-20	315	318	60	70	8	20	D	23.1

ØD	Applicable Inserts	Shim		Wrech		
Ø80-Ø100	SPKN1203	LSP12R/L	W04R/L	WM8x17	LOM5x15.1	S3, S4
Ø125-Ø315	SPKN1203			WM8x22		
Ø80-Ø315	SPKN1504	LSP15R/L	W04R/L	WM8x22		

Milling Tools

P17

FME04



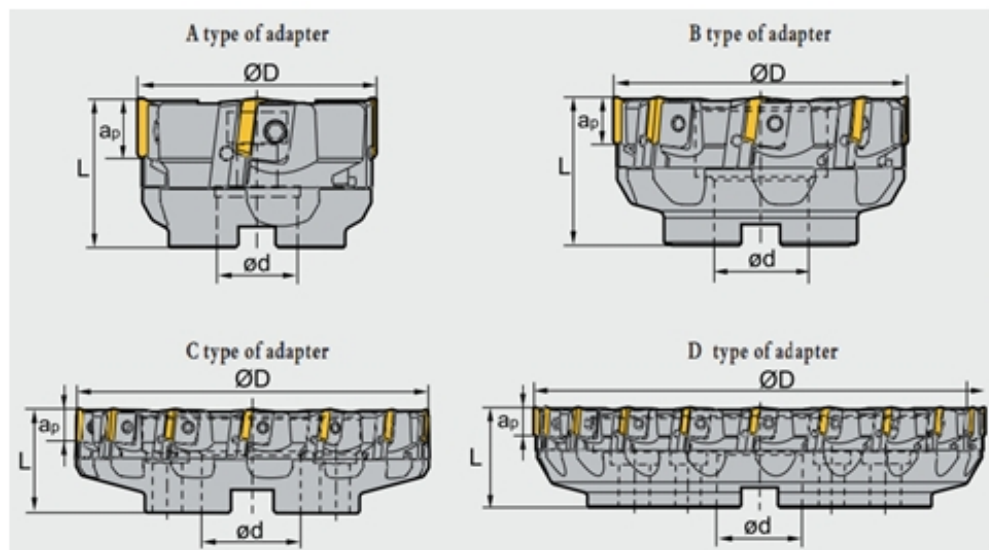
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Type							Z	Applicable Inserts	conector	(kg)
		OD	OD1	Od	L	Opmax				
FME04	125-B40-LN15-06	125	137	40	63	8	6	LNKT1506EN-ZR	b	3.8
	160-B40-LN15-10	160	170	40	63	8	8		C	6.6
	200-C60-LN15-10	200	208	60	70	8	10		C	9.6
	250-C60-LN15-12	250	257	60	70	8	12		C	12.4
	315-D60-LN15-16	315	328	60	80	8	16		D	25.2

ØD	Applicable Inserts	Inserts	Stamp	Stamp	Wrench	Wrench
Ø125-Ø315	LNKT1506	LLN15-ZR	L60M3x8	L60M4x15	T15T	T08

FMP01



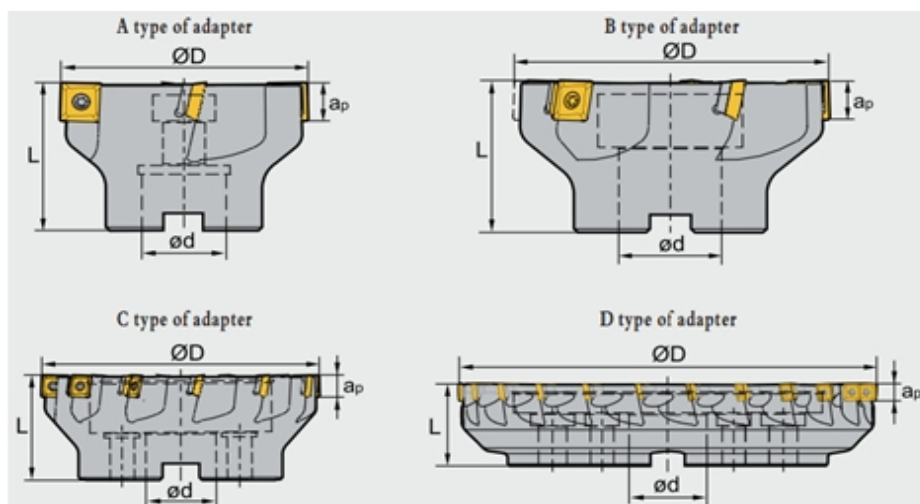
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Type						Z	conector	(kg)
		ØD	Ød	L	aOpmax			
FMP01	080-A27-TP22-04	80	27	50	18	4	A	1.2
	100-B32-TP22-06	100	32	50	18	6	B	1.7
	125-B40-TP22-08	125	40	63	18	8	B	3.2
	160-B40-TP22-10	160	40	63	18	10	B	5.1
	200-C60-TP22-12	200	60	63	18	12	C	7.4
	250-C60-TP22-16	250	60	63	18	16	C	12.3
	315-D60-TP22-20	315	60	70	18	20	D	21.9

ØD	Applicable Inserts	Inserts	Stamp	Stamp	Wrench	Wrench
Ø80-Ø100	TPKN2204	LTP4R1/L1	W04R/L	WM8x17	LOM5x15.1	S3, S4
Ø125-Ø315		LT4R/L		WM8x22		

FMP02



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Type						Z	conector	(kg)
		ØD	Ød	L	aOpmax			
FMP02	050-A22-SE09-05	50	22	40	10.8	3	A	0.3
	063-A22-SE12-04	63	22	40	10.8	4	A	0.4
	080-A27-SE12-04	80	27	50	10.8	4	A	0.9
	100-B32-SE12-05	100	32	50	10.8	5	B	1.2
	125-B40-SE12-06	125	40	63	10.8	6	B	3.1
	160-C40-SE12-08	160	40	63	10.8	8	C	4.1
	250-C60-SE12-12	250	60	63	10.8	12	C	11.1
	050-A22-SE12-04	50	22	40	10.8	4	A	0.3
	063-A11-SE12-05	63	22	40	10.8	5	A	0.4
	080-A27-SE12-06	80	27	50	10.8	6	A	0.8
	100-B32-SE12-07	100	32	50	10.8	7	B	1.2
	125-B40-SE12-08	125	40	63	10.8	8	B	3
	160-C40-SE12-12	160	40	63	10.8	12	C	3.9

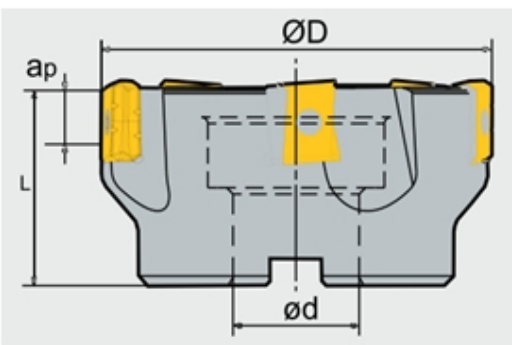
FMP02	050-A22-SE12-18	50	22	40	10.8	5	A	0.2
	063-A22-SE12-06	63	22	40	10.8	6	A	0.4
	080-A27-SE12-08	80	27	50	10.8	8	A	0.8
	100-B32-SE12-10	100	32	50	10.8	10	B	1.2
	125-B40-SE12-12	125	40	63	10.8	12	B	2.9
	200-C60-SE12-16	200	60	63	10.8	16	C	6.1
	250-C60-SE12-18	250	60	63	10.8	18	C	10.9
	315-D60-SE12-24	315	60	63	10.8	24	D	21.6

ØD	Applicable Inserts	Inserts	Stamp	Stamp	Wrench	Wrench
Ø80-Ø100	TPKN2204	LTP4R1/L1	W04R/L	WM8x17	LOM5x15.1	S3, S4
Ø125-Ø315		LT4R/L		WM8x22		

Milling Tools

P20

FMP03



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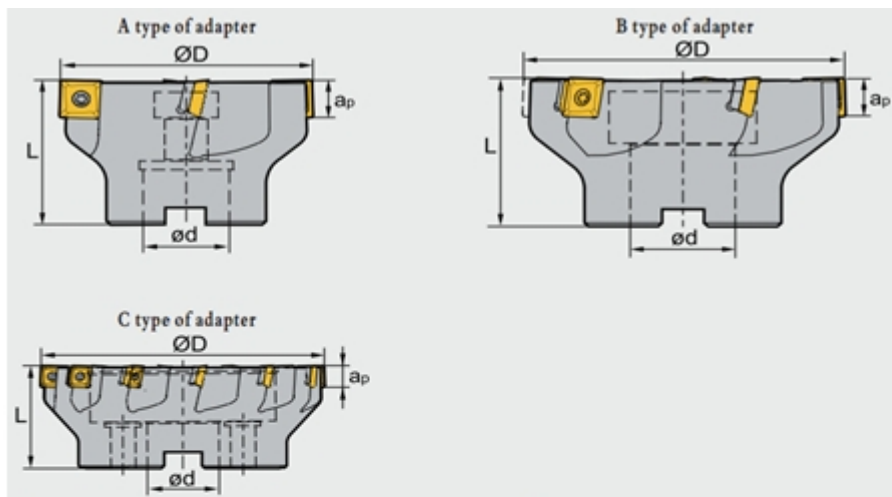
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Type						Z	Applicable Inserts	conector	(kg)
		ØD	Ød	L	aOpmax				
FMP03	125-B40-LN15-06	125	40	63	8	6	LNKT156EN-ZR	B	3.2
	160-C40-LN15-08	160	40	63	8	8		C	5.1
	200-C60-LN15-10	200	60	70	8	10		C	7.5
	250-C60-LN15-12	250	60	70	8	12		C	12.2
	315-D60-LN15-12	315	60	80	8	16		D	23.7
	125-B40-LN20-06	125	40	63	12	6	LNKT2007DN-ZR	B	3.3
	160-B40-LN20-08	160	40	63	12	8		C	5.3
	200-C60-LN20-10	200	60	70	12	10		C	8.8
	250-C60-LN20-12	250	60	70	12	12		C	14
	315-D60-LN20-15	315	60	80	12	15		D	23.9
	125-B40-LN25-05	125	40	63	15	5	LNKT2510-ZR	B	3.3
	160-C40-LN25-06	160	40	63	15	6		C	5.1
	200-C60-LN25-8	200	60	70	15	8		C	8.9
	250-C60-LN25-10	250	60	70	15	10		C	12
	315-D60-LN25-12	315	60	80	15	12		D	21.9

ØD	Applicable Inserts	Inserts	Stamp	Stamp	Wrench	Wrench
Ø125-Ø315	LNKT1506	LLN15-ZR	L60M3x8	L60M4x15	T15T	T08
	LNKT2007	LLN20-ZR	L60M3x8	L60M4x15	T15T	T08
	LNKT2510	LLN25-ZR	L60M5x10	L60M5x17	T20T	T15

Milling Tools

FMP04



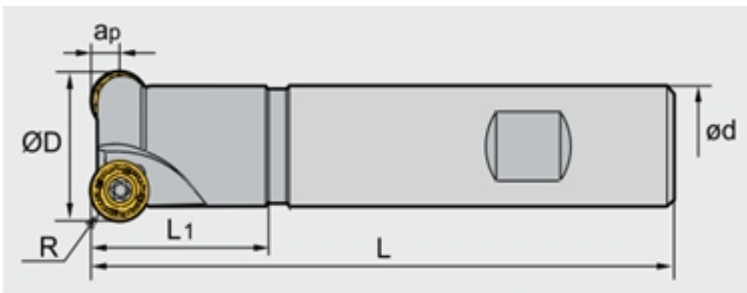
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Type						Z	conector	(kg)
		OD	Od	L	aOpmax			
FMP04	050-A22-SE12-03	50	22	40	10	3	A	0.2
	063-A22-SE12-04	63	22	40	10	4	A	0.4
	080-A27-SE12-04	80	27	50	10	4	A	0.9
	100-B32-SE12-05	100	32	50	10	5	B	1.2
	125-B40-SE12-06	125	40	63	10	6	B	3.1
	160-C40-SE12-08	160	40	63	10	8	C	4.1
	200-C60-SE12-10	200	63	63	10	10	C	6.1
	250-C60-SE12-12	250	63	63	10	12	C	10.9
	050-A22-SE12-04	50	22	40	10	4	A	0.3
	063-A22-SE12-05	63	22	40	10	5	A	0.4
	080-A27-SE12-06	80	27	50	10	6	A	0.9
	100-B32-SE12-07	100	32	50	10	7	B	1.2
	125-B40-SE12-08	125	40	63	10	8	B	3.1
	160-C40-SE12-12	160	40	63	10	12	C	4.1
	200-C60-SE12-16	200	60	63	10	16	C	6.1
	250-C60-SE12-18	250	60	63	10	18	C	10.9

ØD	Applicable Inserts	Inserts	Stamp	Stamp	Wrench	Wrench
Ø50-	SOET12T308PEER-JL SOMT12T308PEER-JM/JH/FT SOGT12T308PEFR-JP	-	L60M3. 5x10	-	T15T	-
Ø63-Ø315		S12BSK	L60M3. 5x10	SM5x7XA	T15T	S3.5

FMR01



Cutoutil

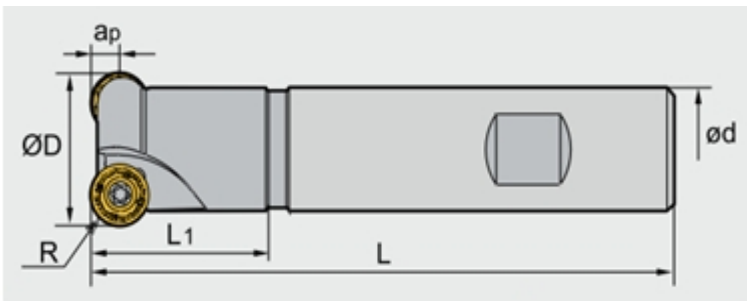
www.cutoutil.com

Type								Z	(kg)
		ØD	Ød	L	L1	R	aØpmax		
FMR01	025-XP20-RC10-02	25	20	100	30	5	5	2	0.2
	032-XP25-RC10-02	32	25	125	35	5	5	2	0.5
	040-XP32-RC12-03	40	32	125	40	6	6	3	0.7
	050-XP32-RC12-03	50	32	125	40	6	6	3	0.8

ØD	Applicable Inserts	Inserts	Stamp
Ø25-Ø32	RCKT1073	L60M3.5x10	T15
Ø40-Ø50	RCKT1204	L60M4x10	T15

Milling Tools

FMR02



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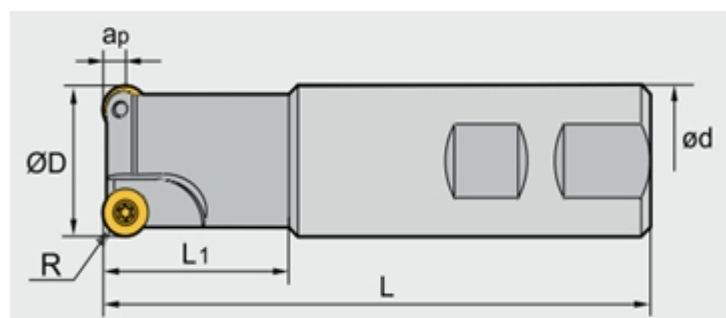
Type								Z	(kg)
		ØD	Ød	L	L1	R	aØpmax		
FMR01	025-XP20-RC10-02	25	20	100	30	5	5	2	0.2
	032-XP25-RC10-02	32	25	125	35	5	5	2	0.5
	040-XP32-RC12-03	40	32	125	40	6	6	3	0.7
	050-XP32-RC12-03	50	32	125	40	6	6	3	0.8

ØD	Applicable Inserts	Inserts	Stamp
Ø25-Ø32	RCKT1073	L60M3. 5x10	T15
Ø40-Ø50	RCKT1204	L60M4x10	T15

Milling Tools

P24

FMR03



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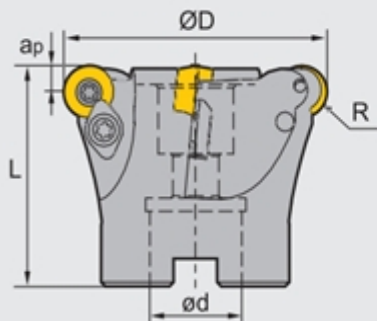
www.cutoutil.com

Type								Z	(kg)
		ØD	Ød	L	L1	R	aØpmax		
FMR03	016-XP16-RD08-02	16	16	100	25	4	4	2	0.1
	025-XP25-RD08-02	25	25	100	30	4	4	2	0.3
	032-XP32-RD12-02	32	32	120	40	5	5	2	0.7
	040-XP32-RD12-03	40	32	120	40	6	6	3	0.7
	050-XP32-RD12-04	50	32	120	40	6	6	4	0.8

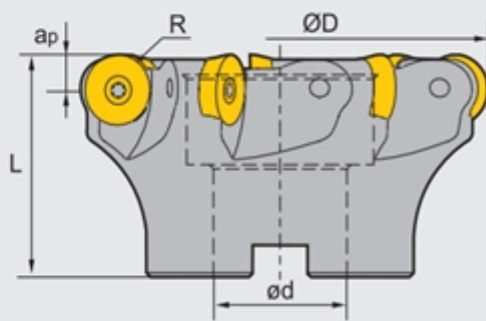
ØD	Applicable Inserts	Inserts	Wrench
Ø16-Ø25	RDKW0803	L60M3x8	T10
Ø32-	RDKW10T3	L60M3.5x10	T15
Ø40-Ø50	RDKW1204	L60M4x10	T15

FMR04

A type of adapter



B type of adapter



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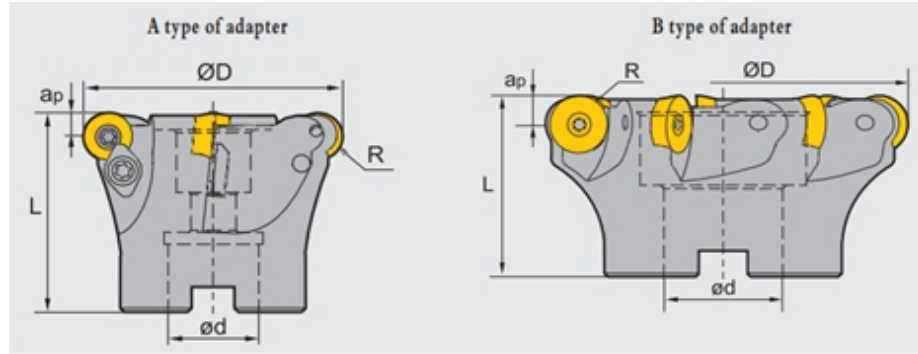
Type							Z	Conector	(kg)
		ØD	Ød	L	R	aOpmax			
FMR04	050-A22-RD12-03	50	22	40	6	6	3	A	0.3
	063-A22-RD12-04	63	22	50	6	6	4	A	0.5
	080-B27-RD16-05	80	27	50	8	8	5	B	1.2
	100-B32-RD12-06	100	32	50	8	8	6	B	1
	125-B40-RD20-06	120	40	63	10	10	6	B	1.9
	160-B40-RD20-07	160	40	63	10	10	7	B	3.7

ØD	Applicable Inserts	Screw	Shim	Screw	Wrench	Wrench
Ø50-Ø63	RDKW12004	L60M3.5x10	WD-204	L60M4x10	T15	-
Ø80-Ø100	RDKW1605	L60M5x13	-	-	-	T20T
Ø125-Ø160	RDKW2006	L60M6x16			-	T25T

Milling Tools

P26

FMR04



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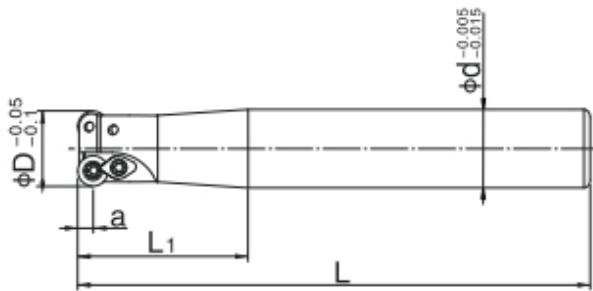
www.cutoutil.com

Type							Z	Conector	(kg)
		ØD	Ød	L	R	aOpmax			
FMR04	050-A22-RP10-04	50	22	40	5	5	4	A	
	063-A22-RP10-04	63	22	50	5	5	4	A	
	063-A22-RP10-05	63	22	50	5	5	5	A	
	080-A27-RP10-06	80	27	50	5	5	6	A	
	100-A32-RP10-06	100	32	50	5	5	6	B	
	050-A25.4-RP10-04	50	25.4	40	5	5	4	A	
	063-A25.4-RP10-04	63	25.4	50	5	5	4	A	
	063-A25.4-RP10-05	63	25.4	50	5	5	5	A	
	050-A22-RP12-04	50	22	40	6	6	4	A	
	063-A22-RP12-04	63	22	50	6	6	4	A	
	063-A22-RP12-05	63	22	50	6	6	5	A	
	080-A27-RP12-06	80	27	50	6	6	6	A	
	100-B32-RP12-06	100	32	50	6	6	6	B	
	125-B32-RP12-06	125	32	63	6	6	6	B	
	160-B40-RP12-09	160	40	63	6	6	9	B	
	200-C60-RP12-09	200	60	63	6	6	9	C	
	050-A25.4-RP12-04	50	25.4	40	6	6	4	A	
	063-A25.4-RP12-04	63	25.4	50	6	6	4	A	
	063-A25.4-RP12-05	63	25.4	50	6	6	5	A	
	080-A25.4-RP12-05	80	25.4	50	6	6	5	A	

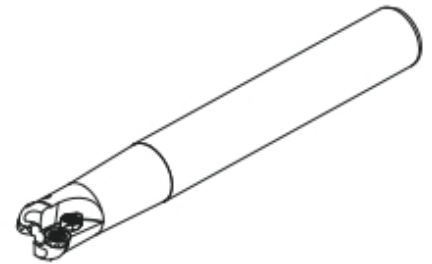
ØD	Applicable Inserts	Screw	Shim	Screw	Wrench
Ø50-Ø100	RPMW1003MO	L60M3.5x10	WD-202	L60M4x10	T15
	RPMT10T3MOE				
Ø50-Ø200	RPMW/T1204MO	L60M4x10	WD-204	L60M4x10	T15

Milling Tools

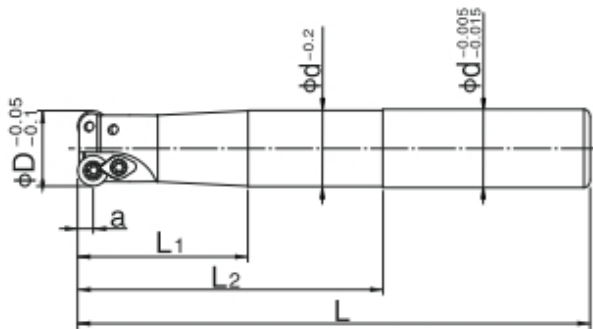
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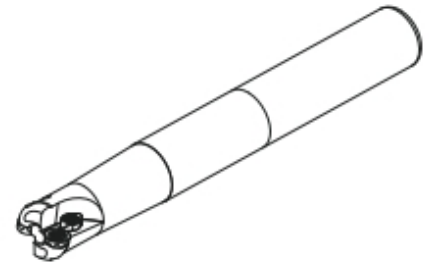
A type



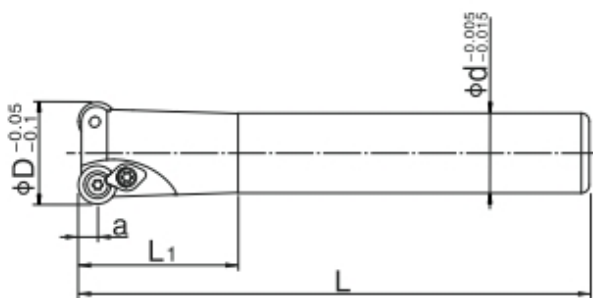
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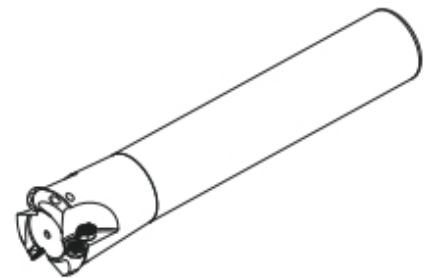
B type



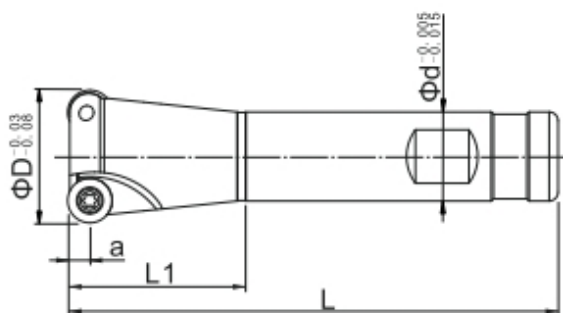
B type



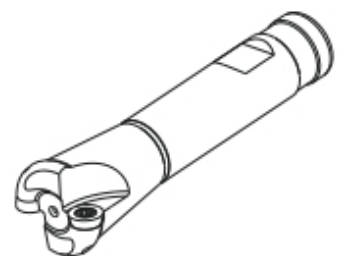
C type



C type



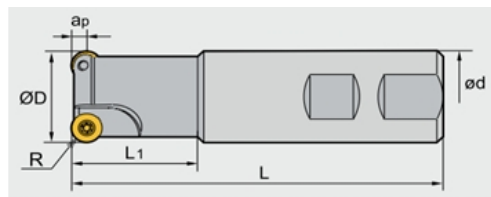
D type



D type

Milling Tools

P28



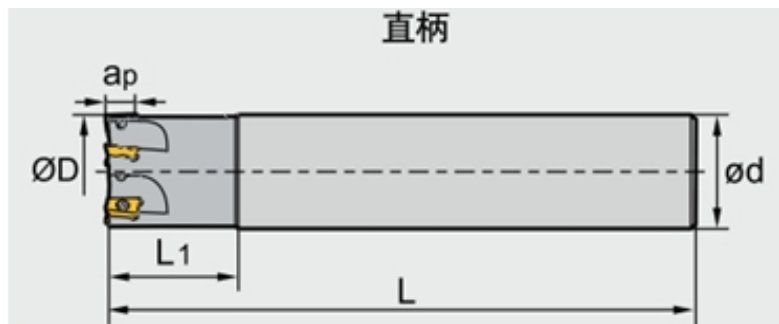
Cutoutil
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Type		ØD	Od	L	L1	L2	ap	Applicable Inserts	Z	Conector	Screw	Screw	Shin	Wrench
FMR05	012-G12-RP08-01-120	12	12	120	40		4	RPM108T2MOE	1	A	L60M3x8	L60M3x8	WD-202	T08
	013-G12-RP08-01-120	13	12	120	40		4		1	A				
	016-G16-RP08-02-120	16	16	120	40		4	RPM108T2MOE	2	A				
	016-G16-RP08-02-150	16	16	150	40		4		2	A				
	016-G15-RP08-02-150	16	15	150	40		4		2	A				
	016-G16-RP08-02-200	16	16	200	40	100	4		2	B				
	017-G16-RP08-02-150	17	16	150	40		4		2	A				
	020-G20-RP08-02-150	20	20	150	50		4		2	A				
	020-G20-RP08-02-200	20	20	200	50	100	4		2	B				
	021-G20-RP08-02-150	21	20	150	50		4		2	A				
	020-G20-RP10-02-150	20	20	150	50		5	RPM108T2MOE	2	A	L60M3x8	L60M3x8	WD-202	T08
	020-G20-RP10-02-200	20	20	200	50	100	5		2	B				
	021-G20-RP10-02-150	21	20	150	50		5		2	A				
	025-G25-RP10-02-150	25	25	150	50		5		2	A				
	025-G20-RP10-02-150	25	20	150	50		5		2	C				
	025-G24-RP10-02-150	25	24	150	50		5		2	A				
	025-G25-RP10-02-200	25	25	200	75		5		2	A				
	025-G25-RP10-02-250	25	25	250	60	115	5		2	B				
	025-G20-RP10-02-200	25	20	200	50		5		2	C				
	025-G24-RP10-02-200	25	24	200	50		5		2	A				
	030-XP20-RP10-02-110	30	20	110	40		5	RPM108T3MOE	2	D	L60M3. 5x10			T15
	030-XP19.05-RP10-02-110	30	19.05	110	40		5		2	D				
	030-G25-RP10-02-150	30	25	150	50		5		2	C		L60M4x10	WD-202	
	030-G25-RP10-02-200	30	25	200	60		5		2	C				
	030-G25-RP10-02-250	30	25	250	60		5		2	C				
	035-G32-RP10-02-160	35	32	160	50		5		2	C				
	035-G32-RP10-02-200	35	32	200	50		5		2	C				
	035-G32-RP10-02-250	35	32	250	60		5		2	C				
	035-G32-RP10-03-300	35	32	300	60		5		3	C				
	035-G32-RP10-03-350	35	32	350	60		5		3	C				
	040-G32-RP10-03-160	40	32	160	50		5		3	C				
	040-G32-RP10-04-200	40	32	200	50		5		4	C				
	032-G25-RP12-02-160	32	25	160	50		6	RPMW/T1204MO	2	C	L60M4x10	L60M4x10	WD-204	T15
	032-G32-RP12-02-160	32	32	160	50		6		2	A				
	032-G25-RP12-02-200	32	25	200	60		6		2	C				
	032-G32-RP12-02-200	32	32	200	80		6		2	A				
	035-G32-RP12-03-160	35	32	160	50		6		3	C				
	035-G32-RP12-03-200	35	32	200	60		6		3	C				
	035-G32-RP12-03-250	35	32	250	60		6		3	C				
	035-G32-RP12-03-300	35	32	300	60		6		3	C				
	035-G32-RP12-03-350	35	32	350	60		6		3	C				
	040-G32-RP12-03-160	40	32	160	50		6		3	C				
	040-G32-RP12-03-200	40	32	200	50		6		3	C				
	040-G32-RP12-03-250	40	32	250	60		6		3	C				
	050-G32-RP12-03-200	50	32	200	60		6		3	C				

Milling Tools

P29

EMP01



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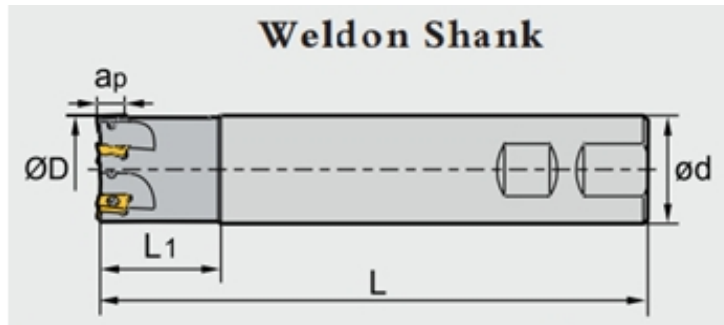
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Type							Z	(kg)
		ØD	Ød	L	L1	aØpmax		
EMP01	012-G16-AP11-01	12	16	85	25	10.5	1	0.1
	016-G16-AP11-02	16	16	90	25	10.5	2	0.1
	020-G20-AP11-02	20	20	100	30	10.5	2	0.2
	025-G25-AP11-03	25	25	115	35	10.5	3	0.4
	032-G32-AP11-04	32	32	125	40	10.5	4	0.7
	025-G25-AP16-02	25	25	115	35	15.5	2	0.4
	032-G32-AP16-03	32	32	125	40	15.5	3	0.7
	040-G32-AP16-04	40	32	130	42	15.5	4	0.8
	050-G32-AP16-05	50	32	135	45	15.5	5	1
	063-G32-AP16-06	63	32	135	45	15.5	6	1.4

ØD	Applicable Inserts	Screw	Wrench
Ø12-Ø32	APKT11T3	L60M2.5x6.5	T08
Ø25-Ø63	APKT1604	L60M4x10	T15

Milling Tools

EMP01



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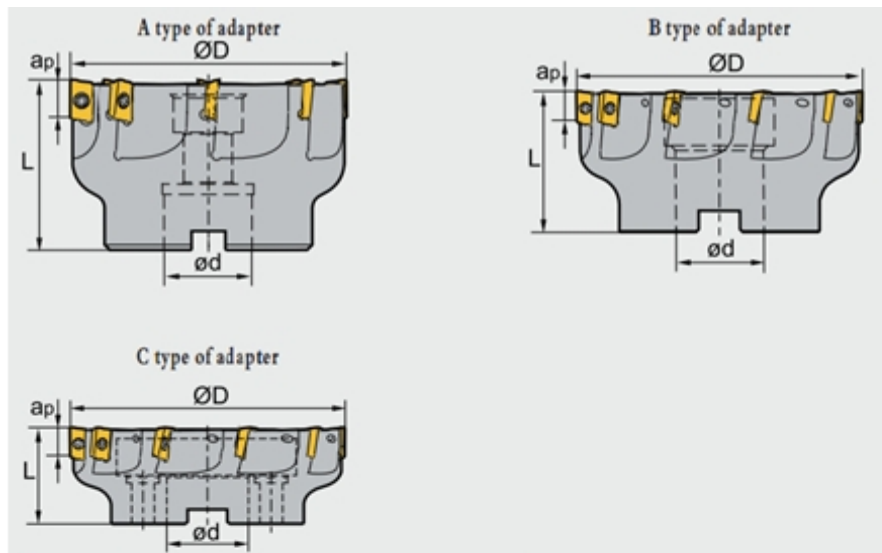
Type							Z	(kg)
		ØD	Ød	L	L1	aØpmax		
EMP01	012-XP16-AP11-01	12	16	85	25	10.5	1	0.1
	016-XP16-AP11-02	16	16	90	25	10.5	2	0.1
	020-XP20-AP11-02	20	20	100	30	10.5	2	0.2
	025-XP25-AP11-03	25	25	115	35	10.5	3	0.4
	032-XP32-AP11-04	32	32	125	40	10.5	4	0.7
	025-XP25-AP16-04	25	25	115	35	15.5	2	0.4
	032-XP32-AP16-03	32	32	125	40	15.5	3	0.7
	040-XP32-AP16-04	40	32	130	42	15.5	4	0.8
	050-XP32-AP16-05	50	32	135	45	15.5	5	1
	063-XP32-AP16-06	32	32	135	45	15.5	6	1.4

ØD	Applicable Inserts	Screw	Wrench
Ø12-Ø32	APKT11T3	L60M2.5x6.5	T08
Ø25-Ø63	APKT1604	L60M4x10	T15

Milling Tools

P31

EMP02



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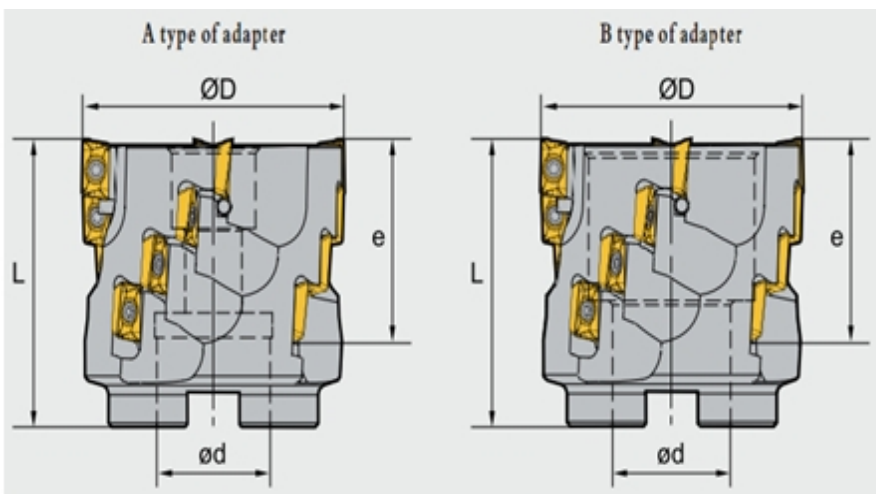
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Type						Z	Conector	(kg)
		ØD	Ød	L	aØpmax			
EMP02	050-A22-AP11-06	50	22	40	11	6	A	0.3
	063-A22-AP11-08	63	22	40	11	8	A	0.6
	080-A27-AP11-08	80	27	50	11	8	A	1.2
	100-B32-AP11-10	100	63	50	11	10	B	1.7
	050-A22-AP16-05	50	22	40	15.5	5	A	0.3
	063-A22-AP16-06	63	22	40	15.5	6	A	0.5
	080-A27-AP16-07	80	27	50	15.5	7	A	1.1
	100-B32-AP16-08	100	63	50	15.5	8	B	1.6
	125-B40-AP16-10	125	40	63	15.5	10	B	3.2
	160-B40-AP16-12	160	40	63	15.5	10	B	6.3
	200-C60-AP16-12	200	60	63	15.5	12	C	8.1
	250-C60-AP16-12	250	60	63	15.5	12	C	11.2

ØD	Applicable Inserts	Screw	Wrench
Ø50-Ø100	APKT11T3	L60M2.5x6.5	T08T
Ø50-Ø250	APKT1604	L60M4x10	T15T

Milling Tools

EMP03



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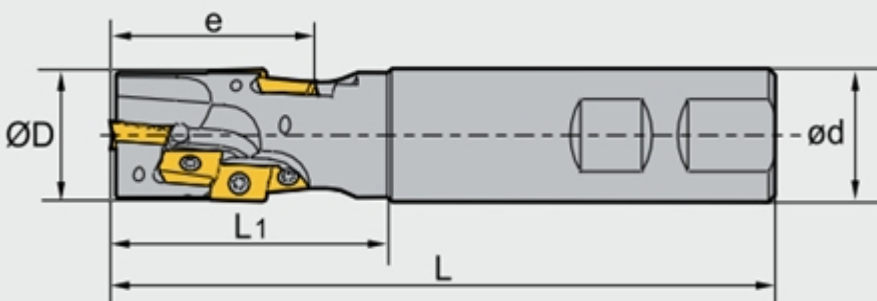
Type						Z	Insert Qty	Conector	(kg)
		ØD	Ød	L	e				
EMP03	050-A22-AP11-04	50	22	58	39	4	16	A	0.5
	063-A27-AP11-04	63	22	58	39	4	16	A	0.9
	080-B32-AP11-05	80	32	63	39	5	20	B	1.3
	100-B40-AP11-06	100	40	63	39	6	24	B	2

ØD	Applicable Inserts	Screw	Wrench
Ø50-Ø100	APKT11T3	L60M2.5x6.5	T08T

Milling Tools

EMP04

Weldon Shank



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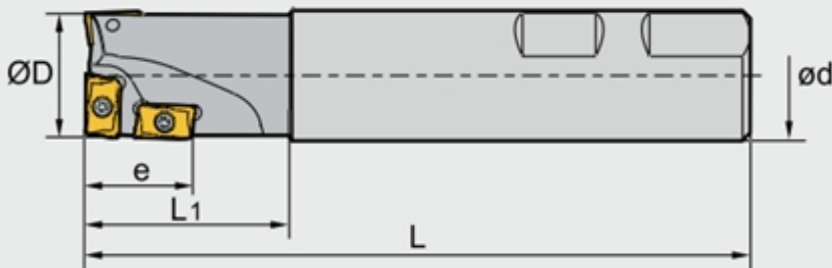
Type							Z	Insert Qty	(kg)
		ØD	Ød	L	L1	e			
EMP04	020-XP20-AP11-01	20	20	120	45	29.4	1	3	0.3
	025-XP25-AP11-02	25	25	130	55	38.9	2	8	0.4
	032-XP32-AP11-02	32	32	140	65	48.5	2	10	0.7
	040-XP40-AP11-02	40	40	150	75	58	2	14	1.3

ØD	Applicable Inserts	Screw	Wrench
Ø20-Ø40	APKT11T3	L60M2.5x6.5	T08T

Milling Tools

EMP05

Weldon Shank



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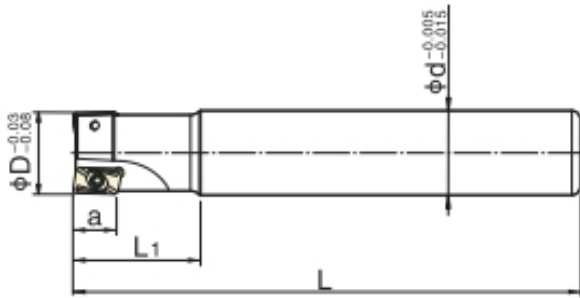
www.cutoutil.com

Type							APMT11	APMT16	(kg)
		ØD	Ød	L	L1	e			
EMP05	025-XP25	25	25	130	40	20	3	-	0.5
	032-XP32	32	32	140	50	30	-	3	0.8
	040-XP32	40	32	150	60	40	-	4	1

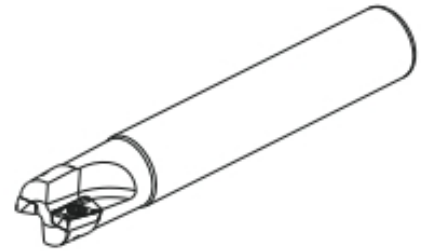
ØD	Applicable Inserts	Screw	Wrench
Ø25-Ø40	APMT1135	L60M2.5x6.5	T08
	APMT1604	L60M4x10	T15

Milling Tools

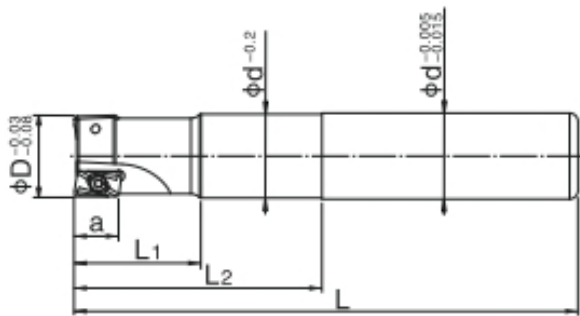
EMP06



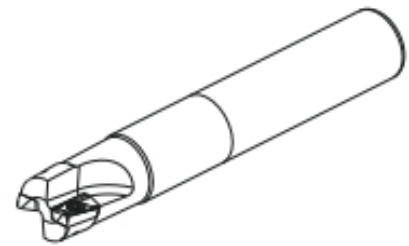
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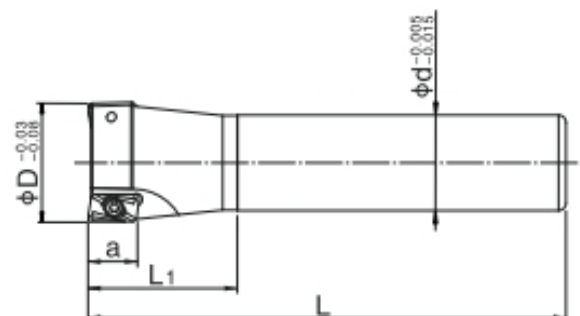
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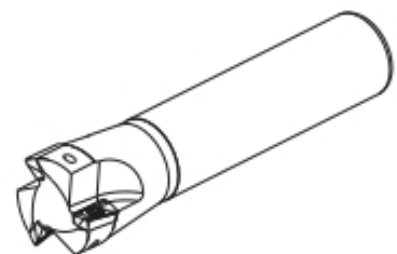
B type



B type



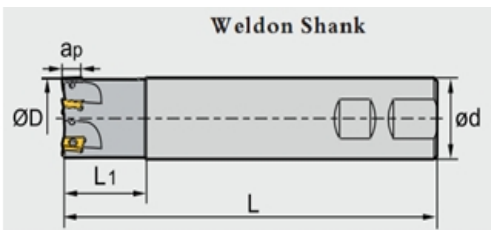
C type



C type

Milling Tools

P36



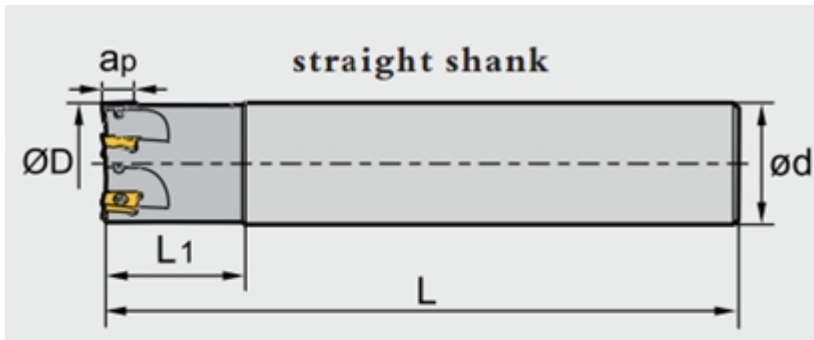
Cutoutil

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Type								Applicable Inserts	Z	Conector	Screw	Wrench
		ØD	Ød	L	L1	L2	ap					
EMP06	012-G12-AP11-01-100	12	12	100	30		10	APMT1135PDER	1	A	L60M2. 5x5	T08
	012-G12-AP11-01-120	12	12	120	30		10		1	A		
	012-G12-AP11-01-130	12	12	130	36		10		1	A		
	012-G12-AP11-01-150	12	12	150	36		10		1	A		
	013-G12-AP11-01-120	13	12	120	40		10		1	A		
	016-G16-AP11-02-120	16	16	120	40		10		2	A		
	016-G16-AP11-02-160	16	16	160	40		10	APMT1135PDER	2	A	L60M2. 5x6	T08
	016-G16-AP11-02-180	16	16	180	40	90	10		2	B		
	016-G16-AP11-02-200	16	16	200	40	100	10		2	B		
	017-G16-AP11-02-160	17	16	160	40		10		2	A		
	017-G16-AP11-02-200	17	16	200	40		10		2	A		
	020-G20-AP11-02-120	20	20	120	40		10		2	A		
	020-G20-AP11-02-150	20	20	150	50		10		2	A		
	020-G20-AP11-02-180	20	20	180	50	90	10		2	B		
	020-G10-AP11-02-200	20	20	200	50	100	10		2	B		
	021-G20-AP11-02-160	21	20	160	40		10		2	A		
	021-G20-AP11-02-200	21	20	200	50		10		2	A		
	025-G25-AP11-03-150	25	25	150	50		10		2	A		
	025-G25-AP11-03-200	25	25	200	75		10		2	A		
	030-G25-AP11-03-150	30	25	150	50		10		2	C		

	025-G25-AP11-02-150	25	25	150	50		5	APMT1604PDER	2	A	L60M4x10	T15
	025-G24-AP16-02-150	25	24	150	50		5		2	A		
	025-G25-AP16-02-200	25	25	200	75		5		2	A		
	025-G24-AP16-02-200	25	24	250	50		5		2	A		
	025-G25-AP16-02-250	25	25	250	50	115	5		2	B		
	025-G24-AP16-02-250	25	24	250	50		5		2	A		
	026-G25-AP16-02-150	26	25	150	50		5		2	A		
	026-G25-AP16-02-200	26	25	200	50		5		2	A		
	032-G25-AP16-02-150	32	25	150	50		5		2	C		
	032-G25-AP16-02-200	32	25	200	50		5		2	C		
	032-G32-AP16-02-200	32	32	200	80		6		2	A		
	035-G32-AP16-03-160	35	32	160	50		6		3	C		
	035-G32-AP16-03-200	35	32	200	50		6		3	C		
	035-G32-AP16-03-250	35	32	250	60		6		3	C		
	035-G32-AP16-03-300	35	32	300	60		6		3	C		
	035-G32-AP16-03-350	35	32	350	60		6		3	C		
	040-G32-AP16-03-160	40	32	160	50		6		3	C		
	040-G32-AP16-03-200	40	32	200	50		6		3	C		
	040-G32-AP16-03-250	40	32	250	60		6		3	C		

EMP07



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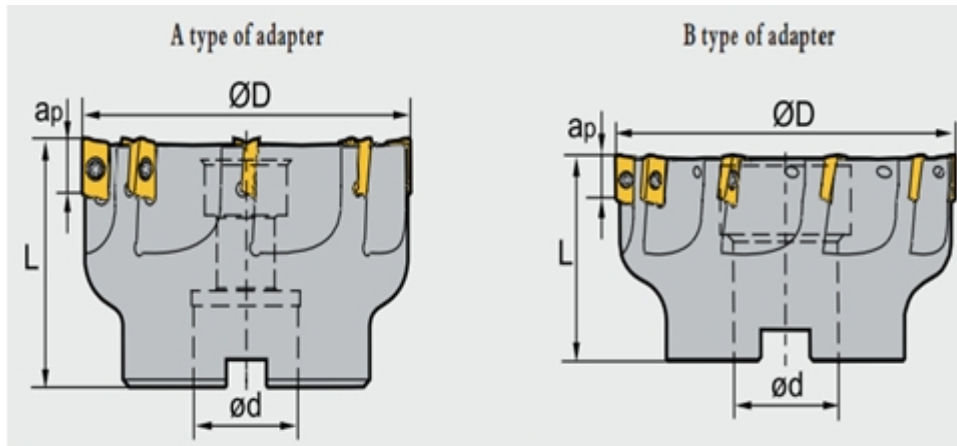
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Type		Dimension (mm)					Z	(kg)
		ØD	Ød	L	L1	øpmax		
EMP07	025-G25-LD15-2-120	25	25	120	40	15	2	0.4
	025-G25-LD15-2-165	25	25	165	40	15	2	0.55
	025-G25-LD15-2-200	25	25	200	40	15	2	0.67
	032-G25-LD15-2-200	32	25	200	40	15	2	1.14
	032-G25-LD15-2-250	32	25	250	40	15	2	1.43
	032-G32-LD15-2-140	32	32	140	40	15	2	0.61
	032-G32-LD15-2-200	32	32	200	40	15	2	1.16
	032-G32-LD15-2-250	32	32	250	40	15	2	1.45
	032-G32-LD15-2-300	35	32	300	40	15	2	1.74
	035-G32-LD15-3-200	35	32	200	40	15	3	1.4
	035-G32-LD15-3-250	35	32	250	40	15	3	1.67
	035-G32-LD15-3-300	35	32	300	40	15	3	2
	040-G32-LD15-3-140	40	32	140	40	15	3	0.88
	040-G32-LD15-3-200	40	32	200	40	15	3	1.42
	040-G32-LD15-3-250	40	32	250	40	15	3	1.78
	040-G32-LD15-3-300	40	32	300	40	15	3	2.1
	040-G32-LD15-3-140	50	32	140	40	15	3	1

ØD	Applicable Inserts	Screw	Wrench
Ø25-Ø50	LDEF150408FR-27P	M3. 5x10	T15
	LDMT1504PDSR-29	M3. 5x10	T15
	LDFW1504PDSR	M3. 5x10	T15
	LDFT1504PDSR-33	M3. 5x10	T15

Milling Tools

EMP08



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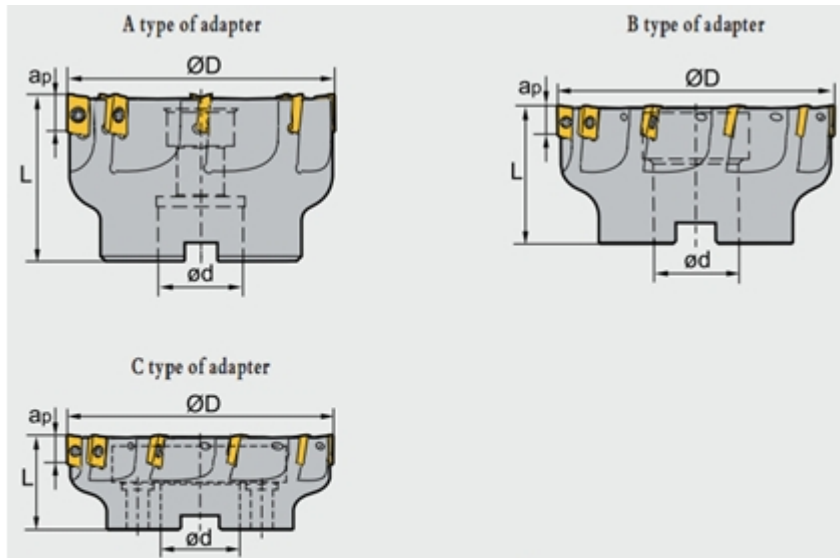
Type						Z	Conector	(kg)
		ØD	Ød	L	apmax			
EMP08	050-A22-LD15-4	50	22	40	15	4	A	0.4
	063-A22-LD15-5	63	22	40	15	5	A	0.6
	080-A27-LD15-6	80	27	50	15	6	A	0.85
	100-B32-LD15-7	100	32	50	15	7	B	1.2
	125-B40-LD15-8	125	40	63	15	8	B	2.9
	160-B40-LD15-9	160	40	63	15	9	B	4.9

ØD	Applicable Inserts	Screw	Wrench
Ø50-Ø160	LDEF150408FR-27P	M3.5x10	T15T
	LDMT1504PDSR-29	M3.5x10	T15T
	LDFW1504PDSR	M3.5x10	T15T
	LDF T1504PDSR-33	M3.5x10	T15T

Milling Tools

P39

EMP09



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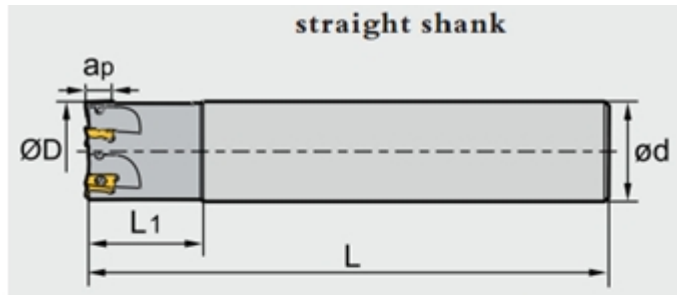
Type						Z	Conector	(kg)
		ØD	Ød	L	apmax			
EMP09	050-A22-AP17-5	50	22	40	15	5	A	0.4
	063-A22-AP17-6	63	22	40	15	6	A	0.6
	080-A27-AP17-7	80	27	50	15	7	A	1.2
	100-B32-AP17-8	100	32	50	15	8	B	1.6
	125-B40-AP17-9	125	40	63	15	9	B	3.2
	160-B40-AP17-10	160	40	63	15	10	B	6.3
	200-C60-AP17-12	200	60	63	15	12	C	8.1

ØD	Applicable Inserts	Screw	Wrench
Ø50-Ø200	APKT1705PER-M/EM/AL/EL APKT1705_R-EM/GM	L60M4x10	T15T

Milling Tools

P40

EMP11

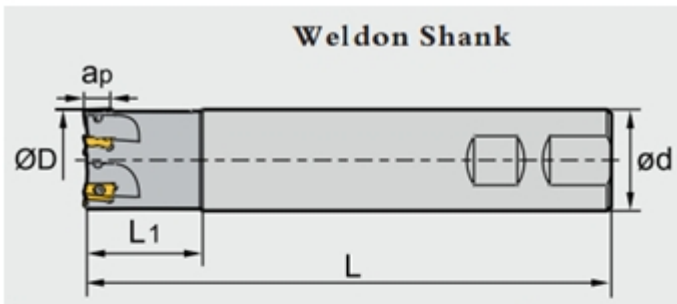


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Type							Z	(kg)
		ØD	Ød	L	L1	apmax		
EMP11	012-G16-AZ11-01	12	16	85	25	10.5	1	0.1
	016-G16-AZ11-02	16	16	90	25	10.5	2	0.1
	020-G20-AZ11-02	20	20	100	30	10.5	2	0.2
	025-G25-AZ11-03	25	25	115	35	10.5	3	0.4
	032-G32-AZ11-04	32	32	125	40	10.5	4	0.7

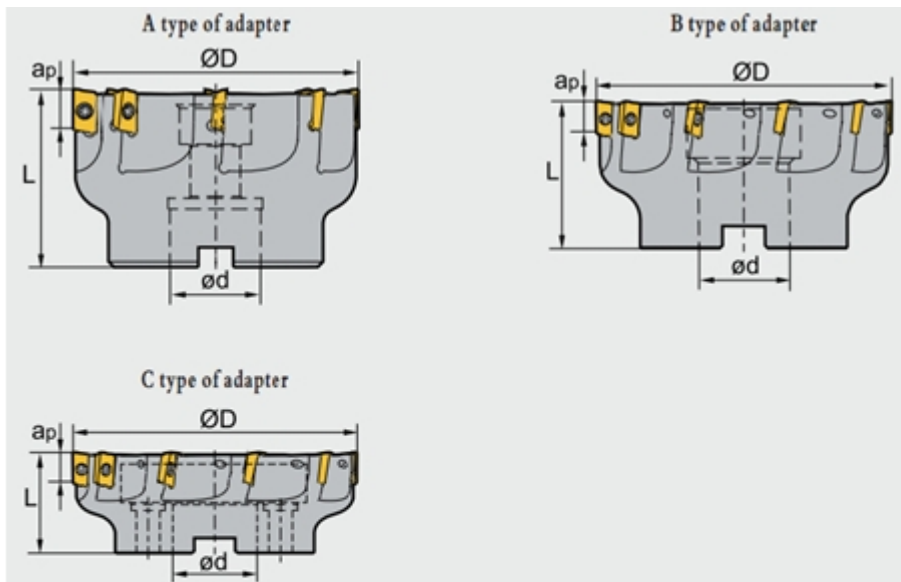
ØD	Applicable Inserts	Screw	Wrench
Ø12-Ø32	AZ11	L60M2.5x6.5	T08



Type							Z	(kg)
		ØD	Ød	L	L1	apmax		
EMP11	012-XP16-AZ11-01	12	16	85	25	10.5	1	0.1
	016-XP16-AZ11-02	16	16	90	25	10.5	2	0.1
	020-XP20-AZ11-02	20	20	100	30	10.5	2	0.2
	025-XP25-AZ11-03	25	25	115	35	10.5	3	0.4
	032-XP32-AZ11-04	32	32	125	40	10.5	4	0.7

ØD	Applicable Inserts	Screw	Wrench
Ø12-Ø32	AZ11	L60M2.5x6.5	T08

EMP12



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Type						Z	Conector	(kg)
		ØD	Ød	L	apmax			
EMP12	050-A22-AZ11-07	50	22	40	10.5	7	A	0.3
	063-A22-AZ11-08	63	22	40	10.5	8	A	0.6
	080-A27-AZ11-09	80	27	50	10.5	9	A	1.2

ØD	Applicable Inserts	Screw	Wrench
Ø50-Ø80	AZ11	L60M2.5x6.5	T08T

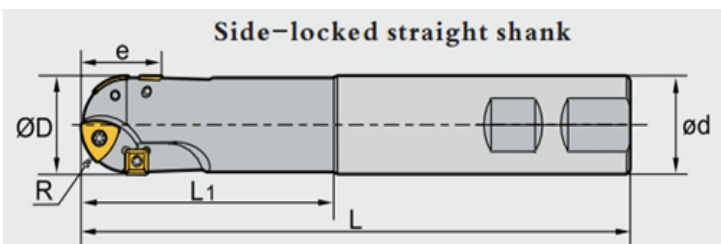
Type						Z	Conector	(kg)
		ØD	Ød	L	apmax			
EMP12	050-A22-AZ11-05	50	22	40	10.5	5	A	0.3
	063-A22-AZ11-06	63	22	40	10.5	6	A	0.6
	080-A27-AZ11-07	80	27	50	10.5	7	A	1.2

ØD	Applicable Inserts	Screw	Wrench
Ø50-Ø80	AZ11	L60M2.5x6.5	T08T

Milling Tools

P42

BMR01



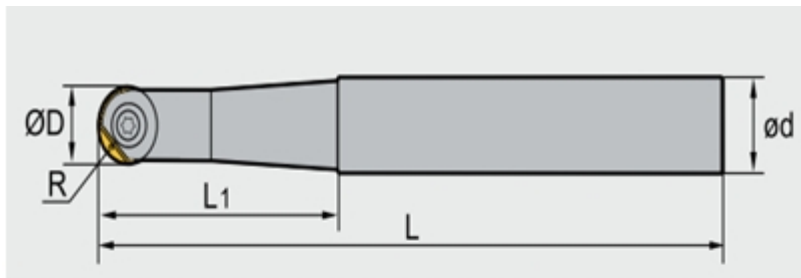
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Type								Applicable Inserts	z	Applicable Inserts	Z	(kg)
		R	ØD	e	Ød	L	L1					
BMR01	020-XP20-S	10	20	20	20	125	50	ZDET08T2CYR10	2	SPMT060304	2	0.3
	020-XP20-M	10	20	20	20	150	75	ZDET08T2CYR10	2	SPMT060304	2	0.3
	020-XP20-L	10	20	20	20	200	100	ZDET08T2CYR10	2	SPMT060304	2	0.4
	025-XP25-S	12.5	25	23	25	150	70	ZDET1103CYR12.5	2	SPMT060304	2	0.5
	025-XP25-M	12.5	25	23	25	175	95	ZDET1103CYR12.5	2	SPMT060304	2	0.6
	025-XP25-L	12.5	25	23	25	200	100	ZDET1103CYR12.5	2	SPMT060304	2	0.7
	032-XP32-S	16	32	31	32	175	85	ZDET13T3CYR16	2	SDMT090308	2	0.9
	032-XP32-M	16	32	31	32	200	100	ZDET13T3CYR16	2	SDMT090308	2	1.1
	032-XP32-L	16	32	31	32	250	150	ZDET13T3CYR16	2	SDMT090308	2	1.4
	040-XP40-S	20	40	41	40	175	85	ZPNT2204CY(R20)	3	SPMT120408	2	1.4
	040-XP40-M	20	40	41	40	200	100	ZPNT2204CY(R20)	3	SPMT120408	2	1.7
	040-XP40-L	20	40	41	40	250	150	ZPNT2204CY(R20)	3	SPMT120408	2	2.1
	050-XP40-S	25	50	45	40	200	100	ZPNT2204CY(R25)	3	SPMT120408	2	1.8
	050-XP40-M	25	50	45	40	300	100	ZPNT2204CY(R25)	3	SPMT120408	2	2.8
	063-XP40-S	31.5	63	52	40	200	100	ZPNT2204CY(R31)	4	SPMT120408	2	3
	063-XP40-M	31.5	63	52	40	300	100	ZPNT2204CY(R31)	4	SPMT120408	2	3.5

ØD	Screw	Wrench	Wrench
Ø20-Ø25	L43M2.5x5	T08	-
Ø32-	L43M4x8	-	T15T
Ø40-Ø63	L43M5x11	-	T20T

BMR02



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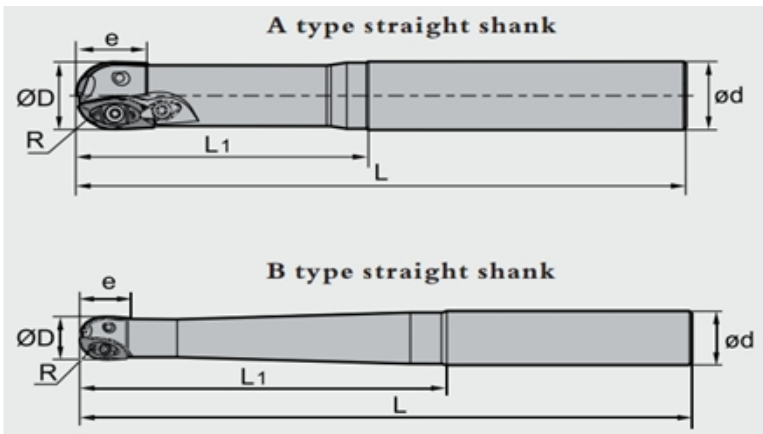
Type							(kg)
		R	ØD	Ød	L	L1	
BMR02	012-G16-S	6	12	16	110	40	0.1
	012-G16-M	6	12	16	130	50	0.2
	012-G16-L	6	12	16	160	50	0.2
	016-G20-S	8	16	20	140	45	0.3
	016-G20-M	8	16	20	170	65	0.3
	016-G20-L	8	16	20	200	65	0.4
	020-G25-S	10	20	25	160	60	0.5
	020-G25-M	10	20	25	200	80	0.6
	020-G25-L	10	20	25	240	80	0.8

ØD	Applicable Inserts	Screw	Wrench
Ø12-	ROHX1203	L90M4x09TT	T10T
Ø16-	ROHX1604	L90M5x11TT	T15T
Ø20-	ROHX2004	L90M5x13.5TT	T15T

Milling Tools

P44

BMR03



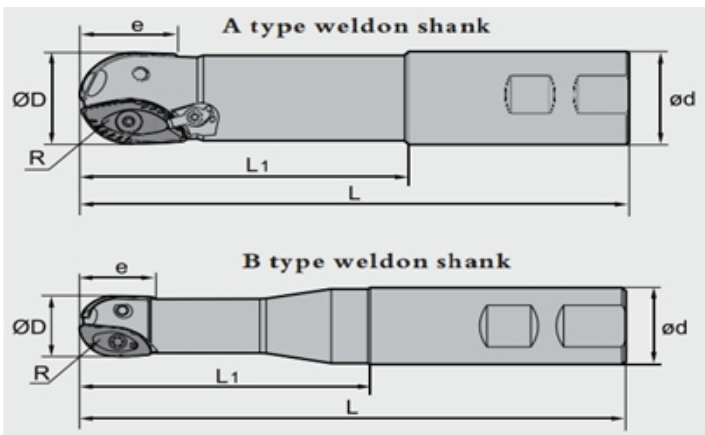
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Type								Z	conector	(kg)	
		R	ØD	Ød	L	L1	e				
BMR03	016-G20-S	8	16	20	150	70	16	2	B	0.3	
	16-G20-M	8	16	20	180	80	16	2	B	0.4	
	020-G25-S	10	20	25	180	80	20	2	B	0.5	
	020-G25-M	10	20	25	200	10	20	2	B	0.6	
	020-G25-L	10	20	25	250	150	20	2	B	0.7	
	020-G25-XL	10	20	25	300	110	20	2	B	1	
	025-G25-S	12.5	25	25	180	80	25	2	B	0.6	
	025-G25-M	12.5	25	25	200	100	25	2	B	0.7	
	025-G25-L	12.5	25	25	250	110	25	2	B	0.8	
	025-G25-XL	12.5	25	25	300	120	25	2	B	1	
	030-G32-S	15	30	32	200	120	30	2	A	1	WD-208
	030-G32-M	15	30	32	250	150	30	2	A	1.3	
	030-G32-L	15	30	32	300	200	30	2	A	1.6	
	030-G32-XL	15	30	32	350	200	30	2	A	1.9	
	032-G32-S	16	32	32	200	120	32	2	A	1.1	
	032-G32-M	16	32	32	250	150	32	2	A	1.4	
	032-G32-L	16	32	32	300	200	32	2	A	1.6	
	032-G32-XL	16	32	32	350	200	32	2	A	2	CBH5R1
	040-G40-S	20	40	40	200	120	40	2	A	1.6	
	040-G40-M	20	40	40	250	150	40	2	A	2	
	040-G40-L	20	40	40	300	200	40	2	A	1.5	
	040-G40-XL	20	40	40	350	200	40	2	A	3	

Milling Tools

BMR03



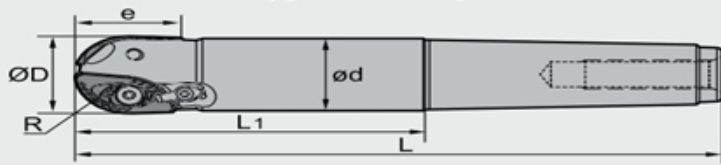
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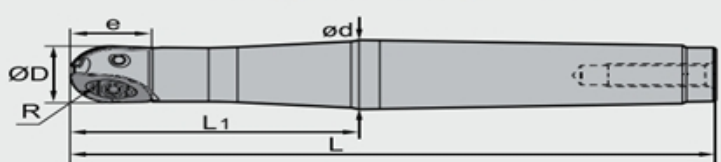
Type								Z	conector	(kg)	
		R	ØD	Ød	L	L1	e				
BMR03	016-XP20-M	8	16	20	111	60	16	2	B	0.3	WD-208
	020-XP25-M	10	20	25	127	70	20	2	B	0.4	
	020-XP25-L	10	20	25	150	80	20	2	B	0.5	
	025-XP25-M	12.5	25	25	137	80	25	2	B	0.6	
	025-XP25-L	12.5	25	25	200	100	25	2	B	0.7	
	030-XP32-M	15	30	32	161	100	30	2	A	1	WD-208
	030-XP32-L	15	30	32	250	150	30	2	A	0.6	
	032-XP32-M	16	32	32	161	100	32	2	A	0.7	
	032-XP32-L	16	32	32	250	120	32	2	A	0.8	
	040-XP40-M	20	40	40	157	100	40	2	A	1	CBH5R1
	040-XP40-L	20	40	40	250	120	40	2	A	1	
	050-XP50-M	25	50	50	200	100	50	2	A	1.3	
	050-XP50-L	25	50	50	250	150	50	2	A	1.6	

BMR03

A type morse taper shank



B type morse taper shank

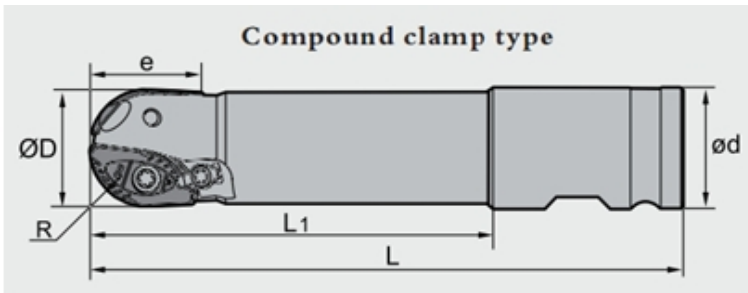


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Type								Z	conector	(kg)	
		R	ØD	Ød	L	L1	e				
BMR03	020-MT3-M	10	20	18.7	156	70	20	2	B	0.4	WD-208
	020-MT3-L	10	20	18.7	186	100	20	2	B	0.4	
	025-MT3-M	12.5	25	23.5	156	70	25	2	B	0.4	
	025-MT3-L	12.5	25	23.5	186	100	25	2	B	0.4	
	030-MT4-M	15	30	28.2	189	70	30	2	A	0.8	WD-208
	030-MT4-L	15	30	28.2	229	120	30	2	A	1	
	032-MT4-M	16	32	29.2	179	70	32	2	A	0.9	
	032-MT4-L	16	32	29.2	209	100	32	2	A	0.9	
	040-MT4-M	20	40	36.9	199	100	40	2	A	1	CBH5R1
	040-MT5-L	20	40	36.9	226	90	40	2	A	1.8	
	040-MT5-XL	20	40	36.9	256	120	40	2	A	2	
	050-MT5-M	25	50	46.8	236	100	50	2	A	2.2	
	050-MT5-L	25	50	46.8	286	150	50	2	A	2.9	

BMR03



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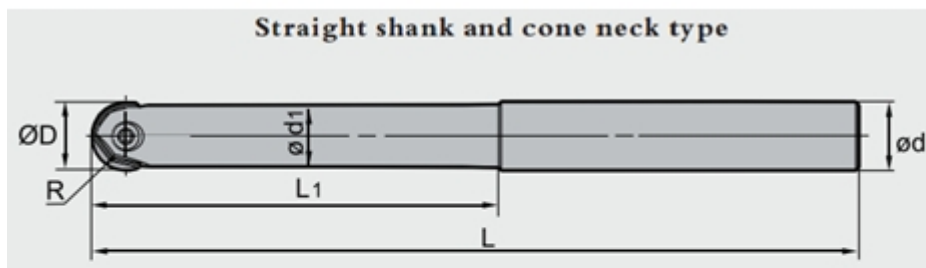
Type								Z	(kg)	
		R	ØD	Ød	L	L1	e			
BMR03	040-XPX-M	20	40	50.8	250	170	40	2	1.3	CBH5R1
	040-XPX-L	20	40	50.8	300	220	40	2	3.1	
	040-XPX-XL	20	40	50.8	350	270	40	2	3.5	
	050-XPX-M	25	50	50.8	250	170	50	2	3.1	
	050-XPX-L	25	50	50.8	300	200	50	2	3.8	
	050-XPX-XL	25	50	50.8	350	270	50	2	4.4	

ØD	Applicable Inserts	Screw	Wrench	
Ø16,	XPHT16R803	-	L60M 2.5x6.5	T08
Ø20,	XPHT20R10T3	-	L60M 3.5x08	T15
Ø25,	XPHT25R1204	-	L60M4x10	T15
Ø30,	XPHT30R1506	WD-208	L60M5x13	T20
Ø32,	XPHT32R11606	WD-208	L60M5x13	T20
Ø40,	XPHT40R2007	CBH5R1	L43M6x16	T20
50	XPHT50R2507	CBH5R1	L43M8x21 L43M6x16	T30

Milling Tools

P48

BMR04



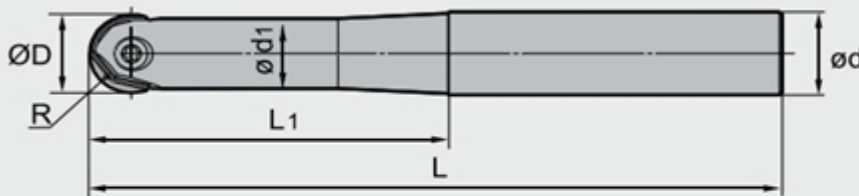
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Type								(kg)
		R	ØD	Ød	Ød1	L1	L	
BMR04	012-G12-M	6	12	12	11	35	125	0.1
	012-G12-L	6	12	12	11	45	150	0.1
	016-G16-M	8	16	16	14	40	150	0.2
	016-G16-L	8	16	16	14	55	180	0.3
	020-G20-M	10	20	20	18	65	180	0.4
	020-G20-L	10	20	20	18	100	250	0.6
	025-G25-M	12.5	25	25	23	70	200	0.7
	025-G25-L	12.5	25	25	23	100	250	0.9
	030-G32-M	15	30	32	27	80	250	1.2
	030-G32-L	15	30	32	27	110	300	1.5
	032-G32-M	16	32	32	29	80	250	1.4
	032-G32-L	16	32	32	29	110	300	1.7

BMR04

Straight shank and cone neck type



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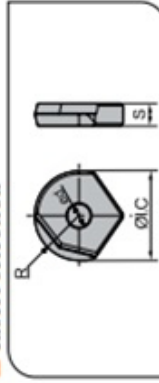
www.cutoutil.com

Type								(kg)
		R	ØD	Ød	Ød1	L1	L	
BMR04	012-G16-M	6	12	16	11	50	125	0.2
	012-G16-L	6	12	16	11	70	150	0.2
	016-G20-M	8	16	20	14	60	150	0.3
	016-G20-L	8	16	20	14	80	180	0.3
	020-G25-M	10	20	25	18	75	180	0.6
	020-G25-L	10	20	25	18	95	200	0.6
	025-G32-M	12.5	25	32	23	90	200	1
	025-G32-L	12.5	25	32	23	110	250	1.3
	030-G40-M	15	30	40	27	110	250	2
	030-G40-L	15	30	40	27	125	300	2.4
	032-G40-M	16	32	40	29	110	250	2
	032-G40-L	16	32	40	29	125	300	2.4

Spare Parts

Diameter	Applicable Insert	Sc re w	Wrench
Ø12	ZOHX1203	L90M4×10TT	T15
Ø16	ZOHX1604	L90M5×11TT	T20
Ø20	ZOHX2005	L90M5×13.5TT	T20
Ø25	ZOHX2506	L70M6×20TT	T20
Ø30	ZOHX3007	L70M6×25TT	T30S
Ø32	ZOHX3207	L70M6×25TT	T30S

Insert selection



工件材料	良好工况	一般工况	恶劣工况
P 钢	😊	😐	😞
M 不锈钢	😊	😐	😞
K 铸铁	😊	😐	😞
N 有色金属	😊	😐	😞
S 耐热合金、钛合金	😊	😐	😞

Insert shape	Type	Dimension (mm)			CVD coating	PVD coating	Cermet	hard alloy
		R	I.C	S	通用刀具 ØD	d		
	ZOHX1203-GF	6	12	3	4	Φ12	★	YD201 YD101 YD051 YC30S YNG151C
	ZOHX1604-GF	8	16	4	5	Φ16	★	YNG151 YBG252 YBG152 YBG302 YBG202 YBG102 YBD252 YBD152 YBM351 YBM251 YBC301
	ZOHX2005-GF	10	20	5	5	Φ20	★	
	ZOHX2506-GF	12.5	25	6	6	Φ25	☆	
	ZOHX3007-GF	15	30	7	8	Φ30	☆	
	ZOHX3207-GF	16	32	7	8	Φ32	☆	
	ZOHX1203-GM	6	12	3	4	Φ12	★	
	ZOHX1604-GM	8	16	4	5	Φ16	★	
	ZOHX2005-GM	10	20	5	5	Φ20	★	
	ZOHX2506-GM	12.5	25	6	6	Φ25	★	
	ZOHX3007-GM	15	30	7	8	Φ30	★	
	ZOHX3207-GM	16	32	7	8	Φ32	★	

type of tools	Lead angle	Number of Type
FM Face milling tool	90°	
EM Square-shoulder milling tool	75°	
HM Helical and face milling tool	60°	
SM Side and face milling tool	45°	
BM Profile milling tool	45°	
CM Chamfer milling tool		
XM Special milling tool		

tools installation position and size	A type of adapter	B type of adapter	C type of adapter	D type of adapter	K type adapter

SM P 03 - 160 × 16 - K40

- M P 12 - 12 L

Shape of Blade	Cutting Edge Length (mm)									
	C	D	R	S	T	V	Insert inch diameter	C	D	R
C 80 degrees diamond	5.556	6.350	9.525	12.700	15.875	19.050	25.400	06	07	11
D 55 degrees diamond	09	11	12	15	19	25	33	09	11	16
R Circle	12	15	19	25	33	44	55	12	15	19
S Square	15	19	25	33	44	55	66	15	19	25
T regular triangle square	19	25	33	44	55	66	77	19	25	33
V 35 degrees diamond	25	33	44	55	66	77	88	25	33	44
M 86 degrees diamond	33	44	55	66	77	88	99	33	44	55

Insert Clearance Angle	N	B	C	P	D	E
0°	0°	5°	7°	11°	15°	20°

Cutting Direction	R: Right	L: Left
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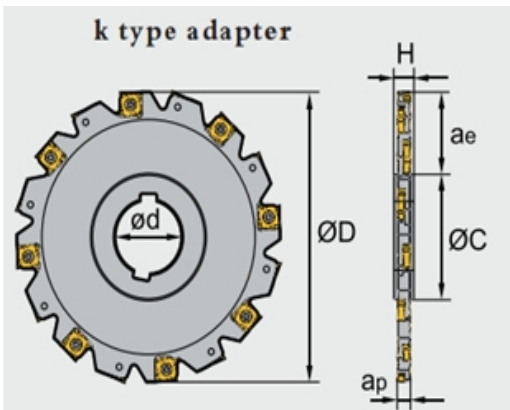
Tooth



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SMP01



L1



Cutoutil

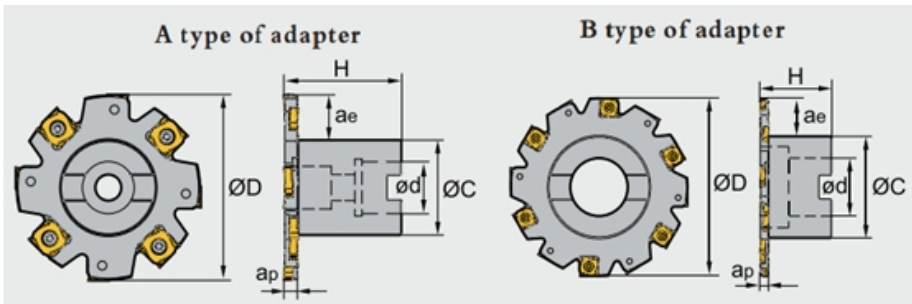
www.cutoutil.com

Type		ØD	Ød	Øc	H	ap	aemax	Applicable Inserts	Z	Conector	(kg)
SMP01	100-x4-K27-SN12-10	100	27	4.7	12	4	25	XSEQ1202	10	K	0.2
	125x4-K40-SN12-12	125	40	50.5	12	4	32		12	K	0.3
	160xA-K40-SN12-16	160	40	66.7	12	4	44		16	K	0.5
	100x5-K27-SN12-10	100	27	45	12	5	25	XSEQ1203	10	K	0.2
	125x5-K40-SN12-12	125	40	58	12	5	31		12	K	0.3
	160x5-K40-SN12-16	160	40	68	12	5	44		16	K	0.6
	100x6-K40-SN12-10	100	27	45	12	6	25	XSEQ12T3	10	K	0.3
	125x6-K40-SN12-12	125	40	58	12	6	31		12	K	0.4
	160x6-K40-SN12-16	160	40	68	12	6	44		16	K	0.7
	200x6-K50-SN12-18	200	50	67.7	12	6	62		18	K	1.1
	250x6-K50-SN12-24	250	50	72	12	6	87		24	K	1.7
	100x7-K27-SN12-10	100	27	45	12	7	25	XSEQ1204	10	K	0.3
	125x7-K40-SN12-12	125	40	58	12	7	31		12	K	0.4
	160x7-K40-SN12-16	160	40	68	12	7	44		16	K	0.8
	200x7-K50-SN12-18	200	50	72	12	7	62		18	K	1.2
	250x7-K50-SN12-24	250	50	72	12	7	87		24	K	1.9
	100x8-K27-SN12-10	100	27	45	12	8	25	XSEQ12T4	10	K	0.3
	125x8-K40-SN12-12	125	40	58	12	8	31		12	K	0.5
	160x8-K40-SN12-16	160	40	68	12	8	44		16	K	0.9
	200x8-K50-SN12-18	200	50	72	12	8	62		18	K	1.4
	250x8-K50-SN12-24	250	50	72	12	8	87		24	K	2.2

Milling Tools

P51

SMP01



L1



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Type		ØD	Ød	Øc	H	ap	aemax	Applicable Inserts	Z	Conector	(kg)
SMP01	063x4-A22-SN12-06	63	22	40	50	4	10	XSEQ1202	6	A	0.2
	080x4-A22-SN12-08	80	22	40	50	4	18		8	A	0.4
	100x4-A27-SN12-10	100	27	48	50	4	23		10	A	0.6
	063x5-A22-SN12-06	63	22	40	50	5	10	XSEQ1203	6	A	0.2
	080x5-A22-SN12-08	80	22	40	50	5	18		8	A	0.4
	100x5-A27-SN12-10	100	27	48	50	5	23		10	A	0.7
	063x6-A22-SN12-06	63	22	40	50	6	10	XSEQ12T3	6	A	0.2
	080x6-A22-SN12-08	80	22	40	50	6	18		8	A	0.5
	100x6-A27-SN12-10	100	27	48	50	6	23		10	A	0.7
	125x6-B40-SN12-12	125	40	70	50	6	24		12	B	1
	160x6-B40-SN12-16	160	40	70	50	6	41	XSEQ1204	16	B	1.3
	063x7A22-SN12-06	63	22	40	50	7	10		6	A	0.2
	080x7-A22-SN12-08	80	22	40	50	7	18		8	A	0.5
	100x7A27-SN12-10	100	27	48	50	7	23		10	A	0.7
	125x7-B40-SN12-12	125	40	70	50	7	24		12	B	1.1
	160x7B40-SN12-16	160	40	70	50	7	41		16	B	1.4
	063x8-A22-SN12-06	63	22	40	50	8	10	XSEQ12T4	6	A	0.2
	080x8-A22-SN12-08	80	22	40	50	8	18		8	A	0.5
	100x8-A27-SN12-10	100	27	48	50	8	23		10	A	0.8
	125x8-B40-SN12-12	125	40	70	50	8	24		12	B	1.1
	160x8-B40-SN12-16	160	40	70	50	8	41		16	B	1.5

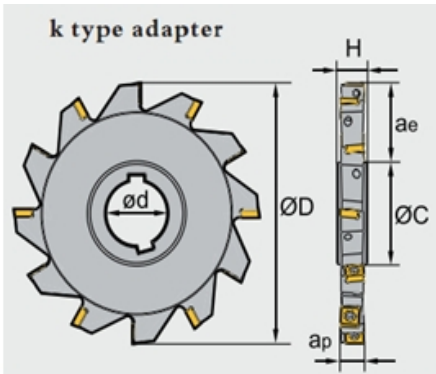
ØD	AP	Screw	Wrench
Ø63-Ø160	4	L91M 4x3.3X	T10T
Ø63-Ø160	5	L91M 4x4.3X	
Ø63-Ø250	6	L91M 4x5.3X	
Ø63-Ø250	7	L91M 4x6.3X	
Ø63-Ø250	8	L91M 4x7.3X	

Milling Tools

P52

SMP03

k type adapter



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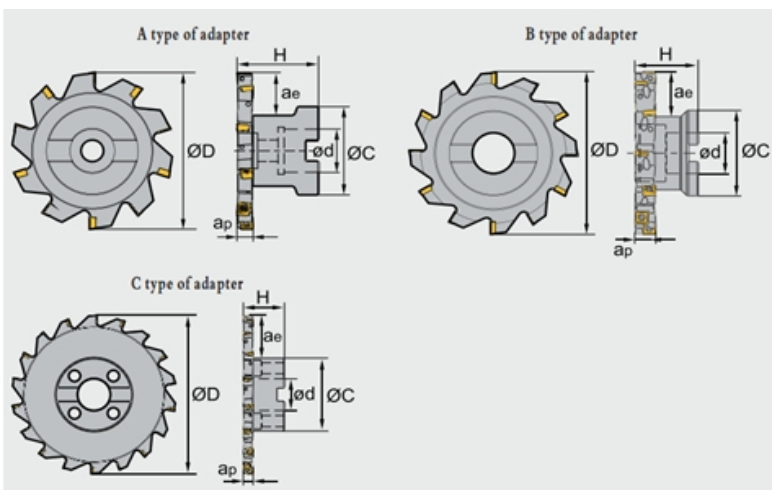
Type		ØD	Ød	Øc	H	ap	aemax	Applicable Inserts	Z	Conector	(kg)
SMP03	080x8-K27-MP06-10	80	27	41	12	8	17	MPHT060304-DM	10	k	0.2
	100x8-K32-MP06-14	100	32	47	12	8	25		14	k	0.3
	100x10-K32-MP06-14	100	32	47	14	10	25		14	k	0.4
	125x10-K40-MP06-16	125	40	55	14	10	34		16	k	0.6
	125x12-K40-MP08-12	125	40	55	16	12	34	MPHT080305-DM	12	k	0.7
	160x12-K40-MP08-14	160	40	62	16	12	47		14	k	1.3
	160x16-K40-MP12-12	160	40	62	20	16	49	MPHT120408-DM	12	k	1.6
	160x18-K40-MP12-12	160	40	62	24	18	49		12	k	1.9
	160x20-K40-MP12-12	160	40	62	26	18	49		12	k	2.1
	200x16-K50-MP12-14	200	50	72	20	16	62		14	k	2.5
	200x18-K50-MP12-14	200	50	72	24	18	62		14	k	2.9
	200x20-K50-MP12-14	200	50	72	26	20	63		14	k	3.3

ØD	Applicable Inserts	Screw	Wrench
Ø80-Ø125	MPHT0603	L60M 2.5x6.5	T08T
Ø125-Ø200	MPHT0803	L60M3x7	T10T
Ø125-Ø200	MPHT1204	L60M5x13	T20T

Milling Tools

P53

SMP03



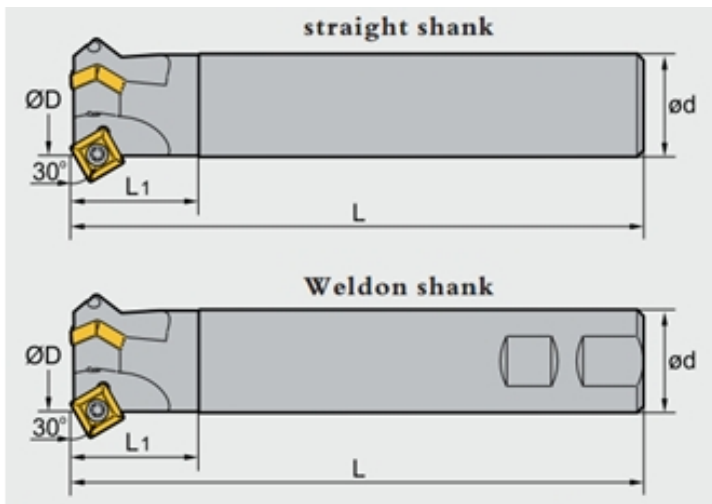
Cutoutil
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Type								Applicable Inserts	Z	Conector	(kg)
		ØD	Ød	Øc	H	ap	aemax				
SMP03	080x8-A22-MP06-10	80	22	45	40	8	21	MPHT060304-DM	10	A	0.4
	100x8-B27-MP06-14	100	27	55	40	8	24		14	B	0.6
	100x10-B27-MP6-14	100	27	55	40	10	24		14	B	0.7
	125x10-B32-MP06-16	125	32	65	45	10	33		16	B	1.1
	125x12-B32-MP08-12	125	32	65	45	12	33	MPHT080305-DM	12	B	1.4
	160x12-B40-MP08-14	160	40	80	50	12	45		14	B	1.9
	200x12-C40-MP08-18	200	40	92	50	12	53		18	C	3.2
	125x16-B32-MP12-10	125	32	65	50	16	30	MPHT120408-DM	10	B	2.3
	160x16-B40-MP12-12	160	40	80	60	16	45		12	B	2.3
	160x18-B40-MP12-12	160	40	80	60	18	45		12	B	2.4
	300x16-C40-MP12-14	200	40	92	50	16	53		14	C	3.6
	200x18-C40-MP12-14	200	40	92	50	18	53		14	C	3.9
	200x20-C40-MP12-14	200	40	92	50	20	53		14	C	4.2

ØD	Applicable Inserts	Screw	Wrench
Ø80-Ø125	MPHT0603	L60M 2.5x6.5	T08T
Ø125-Ø200	MPHT0803	L60M3x7	T10T
Ø125-Ø200	MPHT1204	L60M5x13	T20T

Milling Tools

CMZ01



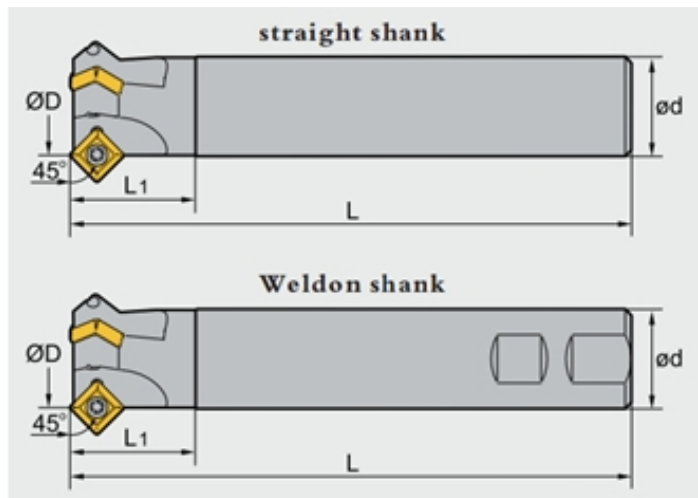
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Type						Z	(kg)
		ØD	Ød	L	L1		
CMZ01	012-G20-SP12-01	12	20	10	40	1	0.2
	025-G25-SP12-02	25	25	120	40	2	0.8
	032-G32-SP12-03	32	32	180	40	3	1.1
	012-XP20-SP12-01	12	12	100	40	1	0.2
	025-XP25-SP12-02	25	25	120	4	2	0.6
	032-XP32-SP12-03	32	32	180	4	3	1

ØD	Applicable Inserts	Screw	Wrench
Ø12-Ø32	SPMT120408	L43M5x11	T20T

CMA01



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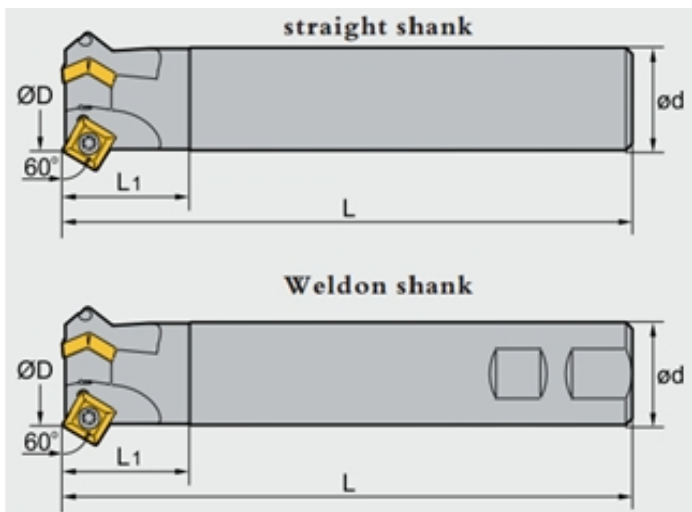
Type						Z	(kg)
		ØD	Ød	L	L1		
CMA01	012-G20-SP12-01	12	20	100	40	1	0.2
	025-G25-SP12-02	25	25	120	40	2	0.8
	032-G32-SP12-03	32	32	180	40	3	1.1
	012-XP20-SP12-01	12	20	100	40	1	0.2
	025-XP25-SP12-02	25	25	120	40	2	0.6
	032-XP32-SP12-03	32	32	180	40	3	1

ØD	Applicable Inserts	Screw	Wrench
Ø12-Ø32	SPMT120408	L43M5x11	T20T

Milling Tools

P56

CMD01



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Type						Z	(kg)
		ØD	Ød	L	L1		
CMD01	012-G20-SP12-01	12	20	100	40	1	0.2
	025-G25-SP12-02	25	25	120	40	2	0.8
	032-G32-SP12-03	32	32	180	40	3	1
	012-XP20-SP12-01	12	20	100	40	1	0.2
	025-XP25-SP12-02	25	25	120	40	2	0.6
	032-XP32-SP12-03	36	32	180	40	3	1

ØD	Applicable Inserts	Screw	Wrench
Ø12-Ø32	SPMT120408	L43M5x11	T20T

Milling Tools



FMA-50-A22-SE12-04



FMA02-050-A22-SE12-03



FMA03-080-A27-SE12-04



FMA04-050-A22-OF05-04



FMA04-125-B40-OF07-08



FMA05-200-C60-SN12-18



FMA07-050-A22-ON06-05



FMA07-025-XP20-ON06-02



Milling Tools



FMA08-050-A22-SE13-03



FMD02-080-A27-HN09-08



FMD02-050-A22-PN11-04



FMD02-080-A27-PN11-10



FMD03-125-B40-LN25-05



FME01-125-B40-LN15-16



FME02-050-A22-SP12-04



FME03-080-A27-SP12-04



Milling Tools



FME04-125-B40-LN15-06



FMP01-080-A27-TP22-04



FMP02-050-A22-SE09-05



FMP03-125-B40-LN15-06



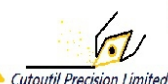
FMP04-050-A22-SE12-03



FMR01-025-XP20-RC10-02



FMR02-063-A22-RC12-04



FMR03-016-XP-16-RD08-02



Milling Tools



FMR04-050-A22-RD12-03



FMR04-050-A22-RP10-04



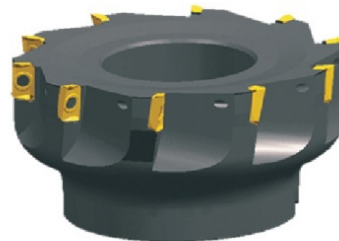
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EMP01-012-B16-AP11-01



EMP01-012-XP16-AP11-01



EMP02-050-A22-AP11-06



EMP03-050-A22-AP11-04



EMP04-020-XP20-AP11-01



Milling Tools



EMP05-025-XP25



EMP06-012-G12-AP11-01-100



EMP07-025-G25-LD15-2-120



EMP08-050-A22-LD15-4



EMP09-050-A22-AP17-5



EMP11-012-G16-AZ11-01



EMP11-012-XP16-AZ11-01



EMP12-050-A22-AZ11-07



Milling Tools



EMP12-050-A22-AZ11-05



BMR01-020-XP20-S



BMR02-012-G16-S



A type (Ø30-Ø40)



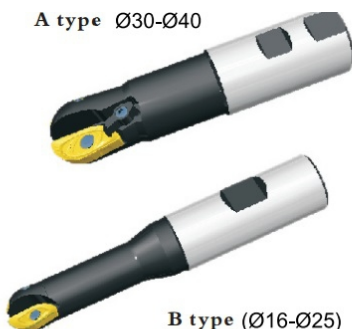
B type (Ø16-Ø25)



BMR03-016-G20-S



A type Ø30-Ø40



B type (Ø16-Ø25)

BMR03-016-XP20-M



A type (Ø30-Ø40)



B type (Ø16-Ø25)

BMR03-020-MT3-M



BMR03-040-XPX-M



BMR04-012-G12-M



Milling Tools



BMR04-012-G16-M



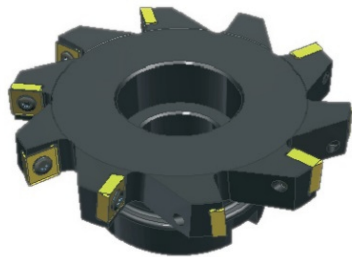
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SMP01-063x4-A22-SN12-06



SMP03-080x8-K27-MP06-10



SMP03-080x8-A22-MP06-10



CMZ01-012-G20-SP12-01



CMA01-012-G20-SP12-01



CMD01-012-G20-SP12-01



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Center Cutting Four-flute End Mill



Ansi Standard



D	d	L	l	K30 Model No.	M30 Model No.
1/8	3/8	2-5/16	3/8	243-2851	244-2851
3/16	3/8	2-3/8	1/2	243-2853	244-2853
1/4	3/8	2-7/16	5/8	243-2855	244-2855
5/16	3/8	2-1/2	3/4	243-2857	244-2857
3/8	3/8	2-1/2	3/4	243-2859	244-2859
7/16	3/8	2-11/16	1	243-2861	244-2861
1/2	3/8	2-11/16	1	243-2863	244-2863
1/2	1/2	3-1/4	1-1/4	243-2865	244-2865
9/16	1/2	3-3/8	1-3/8	243-2867	244-2867

ISO Standard

D	d	L	l	K30 Model No.	M30 Model No.
3, 0	3	32	12,	243-2850	244-2850
3, 0	6	52	8	243-2852	244-2852
3, 5	3, 5	32	12	243-2854	244-2854
3, 5	6	54,	10	243-2856	244-2856
4, 0	4	40	12	243-2858	244-2858
4, 0	6	55	11	243-2860	244-2860
4, 5	4, 5	50	14	243-2862	244-2862
5, 0	6	57	13	243-2864	244-2864
5, 0	5	50	14	243-2866	244-2866
6, 0	6	57	13	243-2868	244-2868
6, 0	6	50	16	243-2870	244-2870
7, 0	10	66	16	243-2872	244-2872
7, 0	7	60	20	243-2874	244-2874
8, 0	10	69	19	243-2876	244-2876
8, 0	8	60	20	243-2878	244-2878
9, 0	10	69	19	243-2880	244-2880
9, 0	9	60	20	243-2882	244-2882
10, 0	10	72	22	243-2884	244-2884
10, 0	10	70	22	243-2886	244-2886
12, 0	12	83	26	243-2888	244-2888
12, 0	12	70	22	243-2890	244-2890
14, 0	12	83	26	243-2892	244-2892
14, 0	14	3月15日	25	243-2894	244-2894

Four-flute End Mill



Ansi Standard

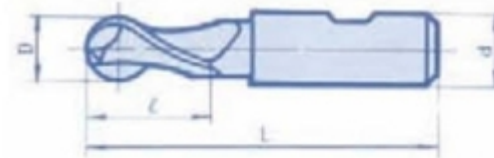


D	d	L	l	K30 Model No.	M30 Model No.
1/8	1/8	1-1/4	5/16	243-2801	244-2801
3/16	3/16	1-3/8	1/2	243-2803	244-2803
1/4	1/4	1-11/16	5/8	243-2805	244-2805
3/8	3/8	1-13/16	3/4	243-2807	244-2807
1/2	1/2	2-1/4	15/16	243-2809	244-2809

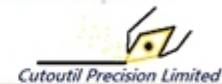
ISO Standard

D	d	L	l	K30 Model No.	M30 Model No.
3,0	3,0	32	12,	243-2800	244-2800
3,0	4,0	40	8	243-2802	244-2802
3,5	3,5	32	12	243-2804	244-2804
3,5	4,0	42,	10	243-2806	244-2806
4,0	4,0	40	12	243-2808	244-2808
4,0	4,0	43	11	243-2810	244-2810
4,5	4,5	50	14	243-2812	244-2812
5,0	5,0	47	13	243-2814	244-2814
5,0	5,0	50	14	243-2816	244-2816
6,0	6,0	50	13	243-2818	244-2818
6,0	6,0	57	16	243-2820	244-2820
7,0	7,0	60	16	243-2822	244-2822
7,0	8,0	60	20	243-2824	244-2824
8,0	8,0	60	19	243-2826	244-2826
8,0	8,0	63	20	243-2828	244-2828
9,0	9,0	60	19	243-2830	244-2830
9,0	10,0	69	20	243-2832	244-2832
10,0	10,0	63	22	243-2834	244-2834
10,0	10,0	72	22	243-2836	244-2836
12,0	12,0	70	26	243-2838	244-2838
12,0	12,0	83	22	243-2840	244-2840
14,0	12,0	83	26	243-2842	244-2842
14,0	14,0	75,	25	243-2844	244-2844

Round-nos and Weldon Shank



ISO Standard

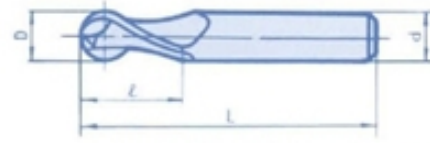


D	d	L	l	K30 Model No.	M30 Model No.
3,0	6	49	5	243-3060	244-3060
3,5	6	50	6	243-3062	244-3062
4,0	6	51	7	243-3064	244-3064
5,0	6	52	8	243-3066	244-3066
6,0	6	52	8	243-3068	244-3068
7,0	10	60	10	243-3070	244-3070
8,0	10	61	11	243-3072	244-3072
9,0	10	61	11	243-3074	244-3074
10,0	10	63	13	243-3076	244-3076
12,0	12	73	16	243-3078	244-3078
14,0	12	73	16	243-3080	244-3080

Ansi Standard

D	d	L	l	K30 Model No.	M30 Model No.
1\8	3\8	2-5\16	3\8	243-3061	244-3061
3\16	3\8	2-3\8	1\2	243-3063	244-3063
1\4	3\8	2-7\16	5\8	243-3065	244-3065
5\16	3\8	2-1\2	3\4	243-3067	244-3067
3\8	3\8	2-1\2	3\4	243-3069	244-3069
7\16	1\2	3	1	243-3071	244-3071
1\2	1\2	3	1	243-3073	244-3073
9\16	1\2	3-1\8	1-1\8	243-3075	244-3075

Round-nose and Straight Shank



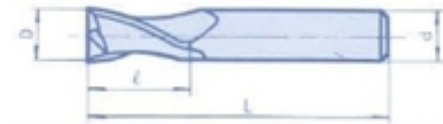
ISO Standard



D	d	L	l	K30 Model No.	M30 Model No.
3, 0	3, 0	32	12	243-3000	244-3000
3, 5	3, 5	32	12	243-3002	244-3002
4, 0	4, 0	40	12	243-3004	244-3004
4, 5	4, 5	50	14	243-3006	244-3006
5, 0	5, 0	50	14	243-3008	244-3008
6, 0	6, 0	50	16	243-3010	244-3010
7, 0	7, 0	60	20	243-3012	244-3012
8, 0	8, 0	60	20	243-3014	244-3014
9, 0	9, 0	60	20	243-3016	244-3016
10, 0	10, 0	70	22	243-3018	244-3018
12, 0	12, 0	70	22	243-3020	244-3020
14, 0	14, 0	75	25	243-3022	244-3022

D	d	L	l	K30 Model No.	M30 Model No.
3, 0	4	37	5,	243-3030	244-3030
3, 0	4	38	6	243-3032	244-3032
4, 0	4	39	7	243-3034	244-3034
4, 5	4, 5	42,	8	243-3035	244-3035
5, 0	5	42,	8	243-3036	244-3036
6, 0	6	52	8	243-3038	244-3038
7, 0	8, 0	54	10	243-3040	244-3040
8, 0	8	55	11	243-3042	244-3042
9, 0	10	61	11	243-3044	244-3044
10, 0	10, 0	63	13	243-3046	244-3046
12, 0	12	73	16	243-3048	244-3048
14, 0	12	73,	16	243-3050	244-3050

Slotting End Mill



ISO Standard



				K30 Model No.	M30 Model No.
D	d	L	l		
3,0	3,0	32	12	243-2620	244-2620
3,0	4,0	37	5	243-2622	244-2622
3,5	3,5	32	12	243-2624	244-2624
3,5	4,0	38	6	243-2626	244-2626
4,0	4,0	40	12	243-2628	244-2628
4,0	4,0	39	7	243-2630	244-2630
4,5	4,5	50	14	243-2632	244-2632
5,0	5,0	42	8	243-2634	244-2634
5,0	5,0	50	14	243-2636	244-2636
6,0	6,0	50	16	243-2638	244-2638
6,0	6,0	52	8	243-2640	244-2640
7,0	7,0	60	20	243-2642	244-2642
7,0	8,0	54	10	243-2644	244-2644
8,0	8,0	55	11	243-2646	244-2646
8,0	8,0	60	20	243-2648	244-2648
9,0	9,0	60	20	243-2650	244-2650
9,0	10,0	61	11	243-2652	244-2652
10,0	10,0	63	13	243-2654	244-2654
10,0	10,0	70	22	243-2656	244-2656
12,0	12,0	70	22	243-2658	244-2658
12,0	12,0	73	16	243-2660	244-2660
14,0	12,0	73	16	243-2662	244-2662
14,0	7,0	73	25	243-2664	244-2664

Three-flute End Mill With Center Tooth



ISO Standard

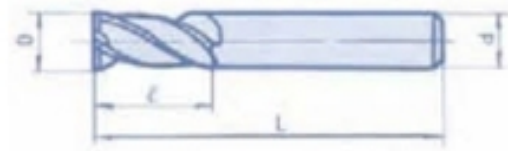


D	d	L	l	K30 Model No.	M30 Model No.
3,0	3,0	32	12	243-3100	244-3100
3,0	4,0	40	8	243-3102	244-3102
3,5	3,5	32	12	243-3104	244-3104
3,5	4,0	42	10	243-3106	244-3106
4,0	4,0	40	12	243-3108	244-3108
4,0	4,0	43	11	243-3110	244-3110
4,5	4,5	50	14	243-3112	244-3112
5,0	5,0	47	13	243-3114	244-3114
5,0	5,0	50	14	243-3116	244-3116
6,0	6,0	50	16	243-3118	244-3118
6,0	6,0	57	13	243-3120	244-3120
7,0	7,0	60	20	243-3122	244-3122

D	d	L	l	K30 Model No.	M30 Model No.
7,0	8,0	60	16,	243-3124	244-3124
8,0	8,0	60	20	243-3126	244-3126
8,0	8,0	63	19	243-3128	244-3128
9,0	9,0	60,	20	243-3130	244-3130
9,0	10,0	69	19	243-3132	244-3132
10,0	10,0	63	13	243-3134	244-3134
10,0	10,0	72	22	243-3136	244-3136
12,0	12,0	70	22	243-3138	244-3138
12,0	12,0	83	26	243-3142	244-3140
14,0	12,0	83	26	243-3142	244-3142
14,0	14,0	75,	25	243-3144	244-3144

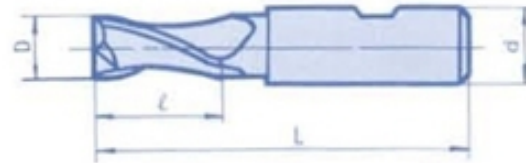
Three-flute End Mill

ISO Standard



				K30 Model No.	M30 Model No.
D	d	L	l		
3, 0	3, 0	32	12	243-2700	244-2700
3, 0	4, 0	40	8	243-2702	244-2702
3, 5	3, 5	32	12	243-2704	244-2704
3, 5	4, 0	42	10	243-2706	244-2706
4, 0	4, 0	40	12	243-2708	244-2708
4, 0	4, 0	43	11	243-2710	244-2710
4, 5	4, 5	50	14	243-2712	244-2712
5, 0	5, 0	47	13	243-2714	244-2714
5, 0	5, 0	50	14	243-2716	244-2714
6, 0	6, 0	50	16	243-2718	244-2718
6, 0	6, 0	57	13	243-2720	244-2720
7, 0	7, 0	60	20	243-2722	244-2722
7, 0	8, 0	60	16	243-2724	244-2724
8, 0	8, 0	60	20	243-2726	244-2726
8, 0	8, 0	63	19	243-2728	244-2728
9, 0	9, 0	60	20	243-2730	244-2730
9, 0	10, 0	69	19	243-2732	244-2732
10, 0	10, 0	63	13	243-2734	244-2734
10, 0	10, 0	72	22	243-2736	244-2736
12, 0	12, 0	70	22	243-2738	244-2738
12, 0	12, 0	83	16	243-2740	244-2740
14, 0	12, 0	83	16	243-2742	244-2742
14, 0	7, 0	75	25	243-2744	244-2744

Two-flute End Mill



ISO Standard



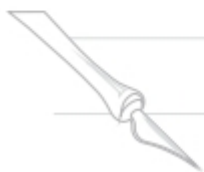
D	d	L	l	K30 Model No.	M30 Model No.
3,0	6	49	5	243-2750	244-2750
3,5	6	50	6	243-2752	244-2752
4,0	6	51	7	243-2754	244-2754
5,0	6	52	8	243-2756	244-2756
6,0	6	52	8	243-2758	244-2758
7,0	10	60	10	243-2760	244-2760
8,0	10	61	11	243-2762	244-2762
9,0	10	61	11	243-2764	244-2764
10,0	10	63	13	243-2766	244-2766
12,0	12	73	16	243-2768	244-2768
14,0	12	73	16	243-2770	244-2770

Ansi Standard

D	d	L	l	K30 Model No.	M30 Model No.
1\8	3\8	2-5\16	3\8	243-2751	244-2751
3\16	3\8	2-5\16	7\16	243-2753	244-2753
1\4	3\8	2-5\16	1\2	243-2755	244-2755
5\16	3\8	2-5\16	9\16	243-2757	244-2757
3\8	3\8	2-5\16	9\16	243-2759	244-2759
7\16	3\8	2-1\2	13\16	243-2761	244-2761
1\2	3\8	2-1\2	13\16	243-2763	244-2763
1\2	1\2	3	1	243-2765	244-2765
9\16	1\2	3-1\8	1\8	243-2767	244-2767

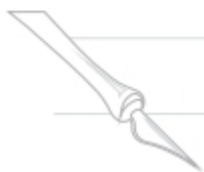


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