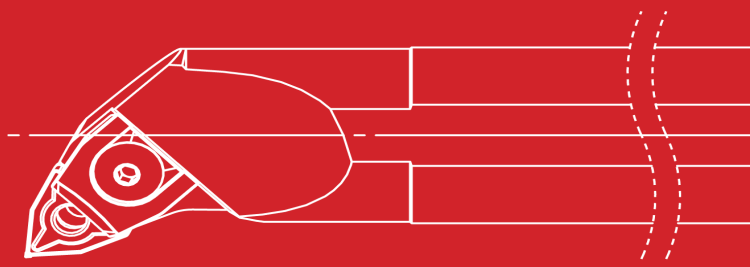
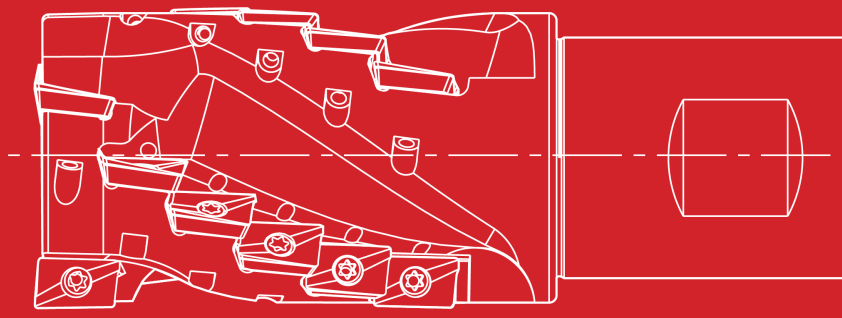
TIZ IMPLEMENTS

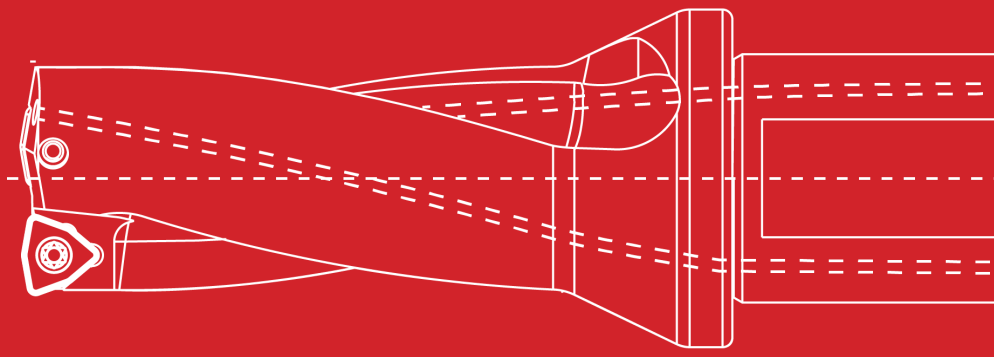
TIZ IMPLEMENTS GREEN LINE



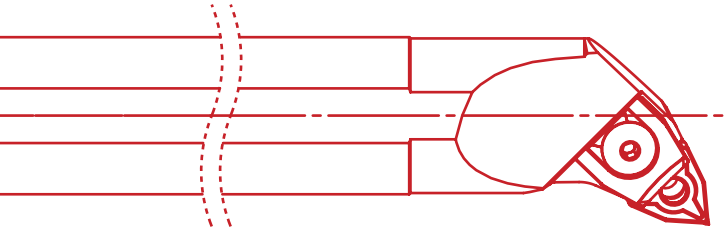
TURNING
TOCZENIE



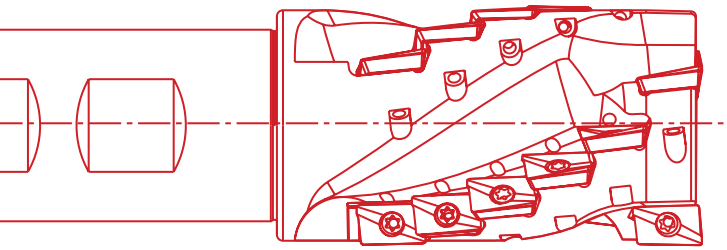
MILLING
FREZOWANIE



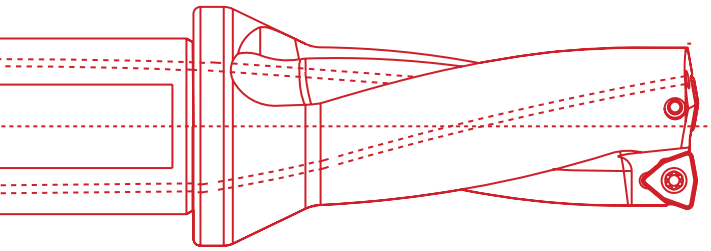
DRILLING
WIERCENIE



TURNING
TOCZENIE
PAGE 5



MILLING
FREZOWANIE
PAGE 67

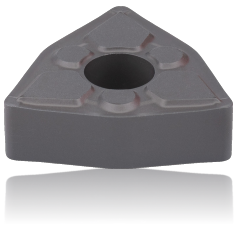


DRILLING
WIERCENIE
PAGE 89

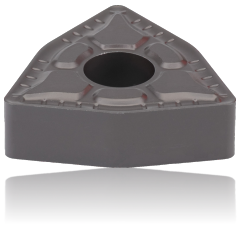
CUTTING DATA
PARAMETRY SKRAWANIA
PAGE 101

CHIP BREAKERS APPLICATION AREA ZASTOSOWANIE ŁAMACZY WIÓRÓW

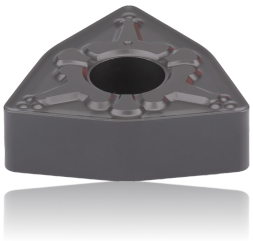
CF
FOR FINISHING



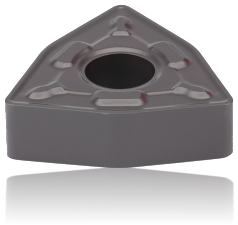
CM
FOR MEDIUM

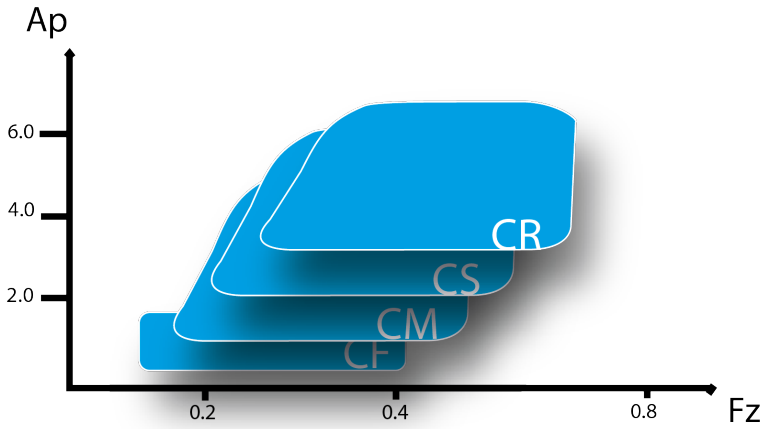


CS
GENERAL

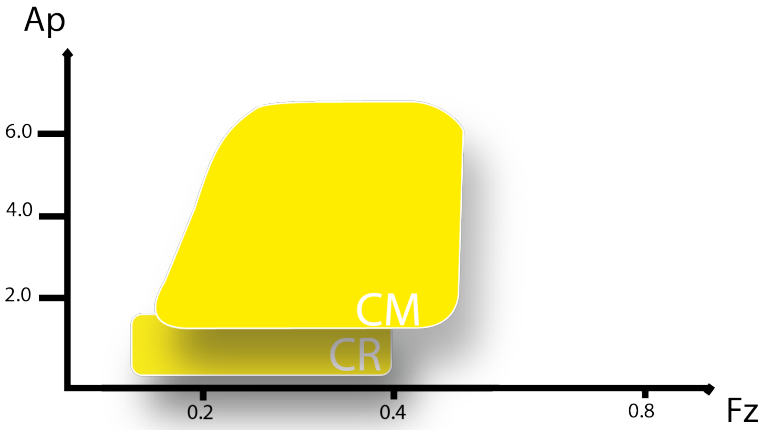


CR
FOR ROUGH

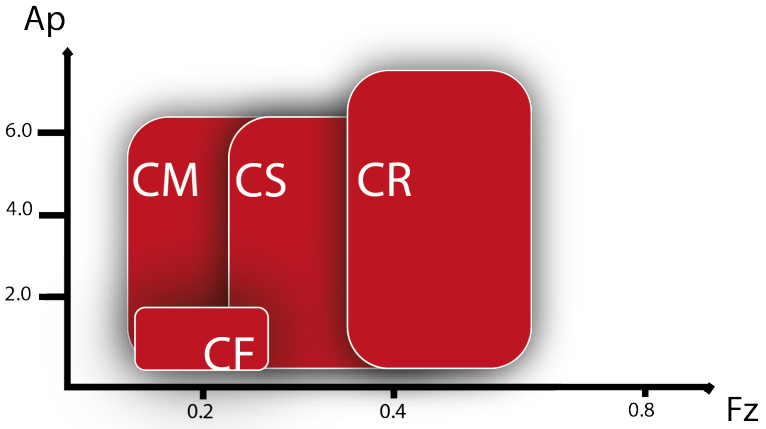




P - ALLOY STEEL



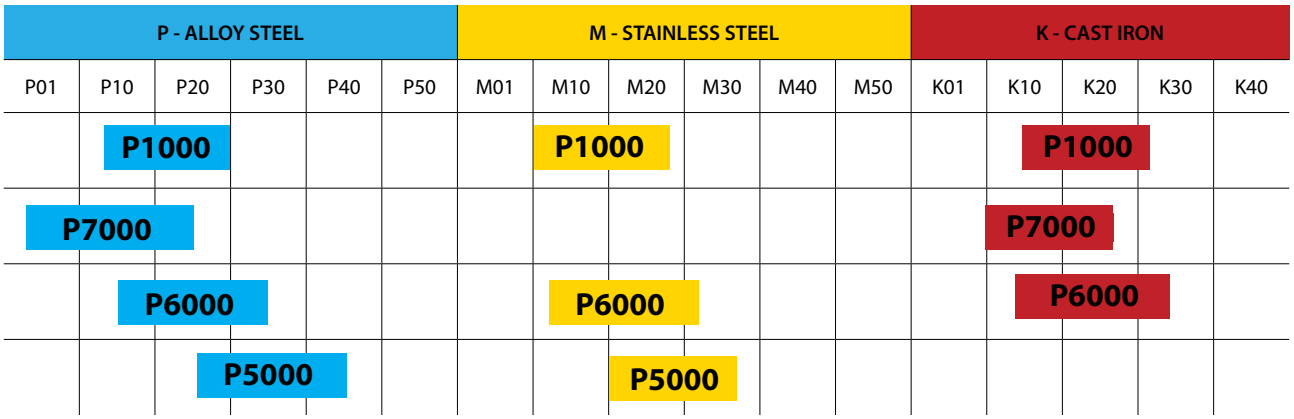
M - STAINLESS STEEL



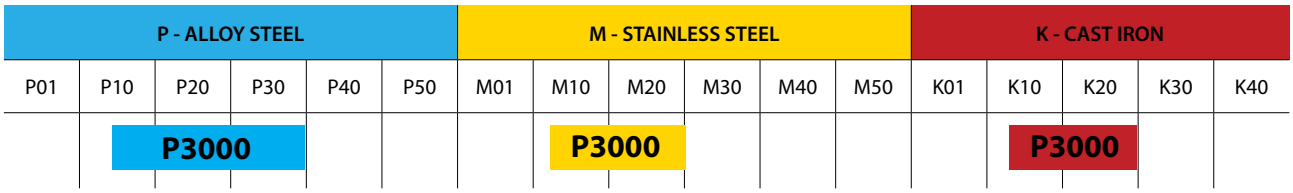
K - CAST IRON

GRADES APPLICATION AREA ZASTOSOWANIE GATUNKÓW

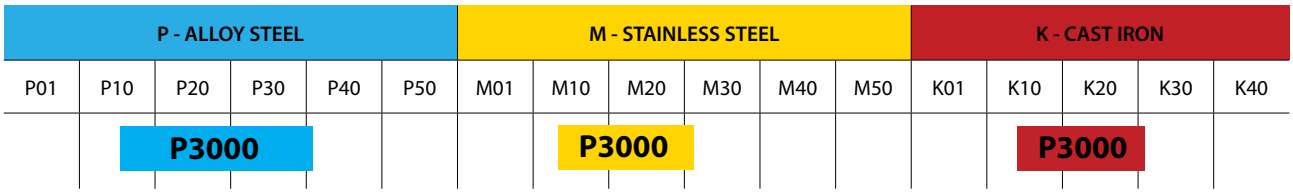
TURNING TOCZENIE



MILLING FREZOWANIE

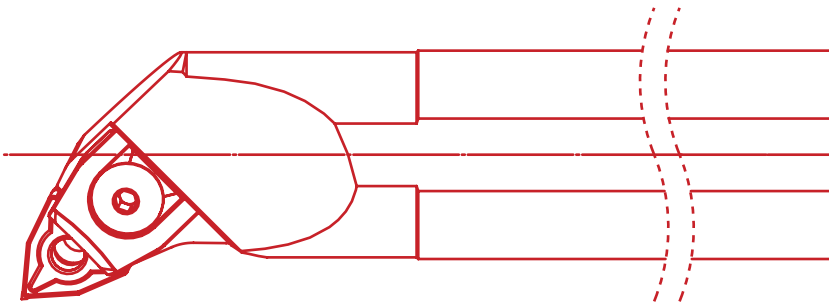


DRILLING WIERCENIE



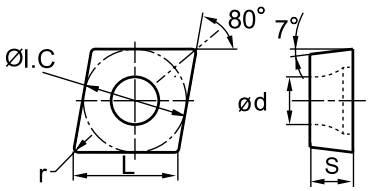
● | Grade P500 is under development

TURNING
TOCZENIE

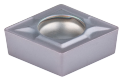
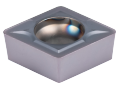


POSITIVE INSERTS PŁYTKI DODATNIE

CC



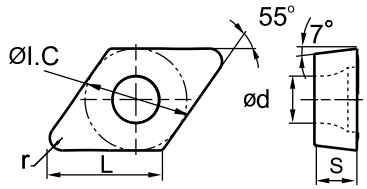
P	M	K	N	S	H
●	●	●			
●	●	●			

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
	CCMT060204CM	0.40	0.30-2.10	0.12-0.18	●				
MEDIUM									
	CCMT09T304CM	0.40	0.30-3.00	0.14-0.22	●			●	
	CCMT09T308CM	0.80	0.50-4.00	0.14-0.22	●			●	
	CCMT120408CM	0.80	0.50-5.00	0.18-0.30	●			●	

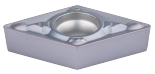
CCMT		L	I.C.	S	d
06	02	6.4	6.35	2.38	2.8
06	T3	9.7	9.525	3.97	4.4
12	04	12.9	12.7	4.76	5.56

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

DC



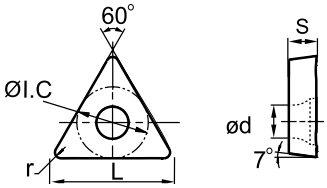
P	M	K	N	S	H
●	●	●			
●	●	●			

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
	DCMT070204CM	0.40	0.30-3.00	0.08-0.18	●				
MEDIUM	DCMT11T304CM	0.40	0.30-2.10	0.06-0.17	●			●	
	DCMT11T308CM	0.80	0.30-3.00	0.08-0.18	●			●	

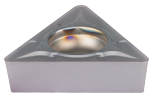
DC**		L	I.C.	S	d
07	02	7.8	6.35	2.38	2.8
11	T3	11.6	9.525	3.97	4.4

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

TC



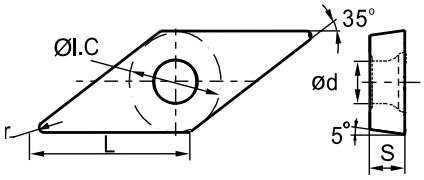
P	M	K	N	S	H
●	●	●			
●	●	●			

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
	TCMT110204CM	0.40	0.30-2.10	0.08-0.17	●				
MEDIUM	TCMT16T304CM	0.40	0.30-3.00	0.08-0.18	●			●	
	TCMT16T308CM	0.80	0.50-5.00	0.12-0.35	●			●	

TCMT		L	I.C.	S	d
09	02	9.63	5.56	2.38	2.5
11	02	11	6.35	2.38	2.8
16	T3	16.5	9.525	3.97	4.4

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

VB



P	M	K	N	S	H
●	●	●			

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
MEDIUM	VBMT160404CM	0.40	0.30-2.50	0.10-0.20	●				
	VBMT160408CM	0.80	0.40-2.50	0.14-0.24	●				

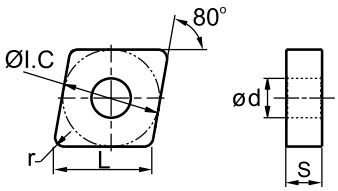
VB**		L	I.C.	S	d
11	02	11	6.35	2.38	2.8
11	03	11	6.35	3.18	2.8
16	04	16.5	9.525	4.76	4.4

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

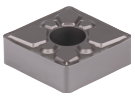
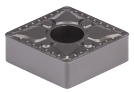
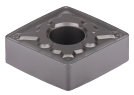
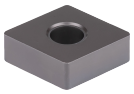
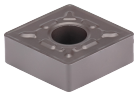
● For P, M, K materials
● For K material only

NEGATIVE INSERTS PŁYTKI UJEMNE

CN



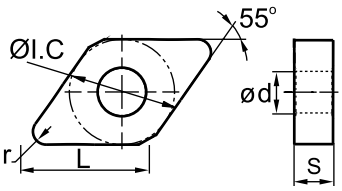
P	●				●	●				
M	●				●	●				
K	●				●	●				
N										
S										
H										
					PVD			CVD		

Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
	FINISH	CNMG120404CF	0.40	0.30-1.50	0.10-0.40	●			●	
		CNMG120408CF	0.80	0.40-1.50	0.10-0.40				●	
	MEDIUM	CNMG120408CM	0.80	0.40-5.50	0.14-0.30	●			●	
		CNMG120412CM	1.20	0.70-5.50	0.14-0.30				●	
										
		CNMG120408CS	0.80	0.50-7.00	0.24-0.45				●	●
		CNMG120408	0.80	0.20-8.00	0.15-0.60					●
		CNMA120412	1.20	0.40-8.00	0.15-0.60					●
	ROUGH	CNMG120408CR	0.80	0.70-7.00	0.34-0.50				●	
		CNMG120412CR	1.20	0.70-7.00	0.34-0.50				●	
		CNMG120412CS	1.20	0.80-7.00	0.24-0.45				●	●

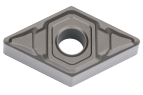
CNMG		L	I.C.	S	d
09	03	9.7	9.525	3.18	3.81
12	04	12.9	12.7	4.76	5.16

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

DN



P					●					
M					●					
K					●					
N										
S										
H										
					PVD			CVD		

Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
	FINISH	DNMG150608CF	0.80	0.30-1.50	0.10-0.40				●	
	MEDIUM	DNMG150608CM	0.80	0.50-5.00	0.14-0.42				●	
		DNMG150612CS	1.20	0.60-5.50	0.18-0.50				●	

CNMG		L	I.C.	S	d
09	03	9.7	9.525	3.18	3.81
12	04	12.9	12.7	4.76	5.16

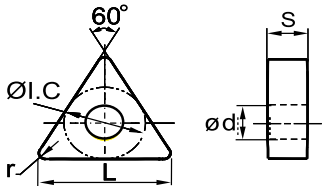
● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

● For P, M, K materials
● For K material only

● Grade P500 is under development

NEGATIVE INSERTS PŁYTKI UJEMNE

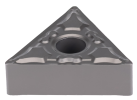
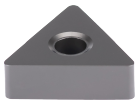
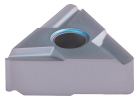
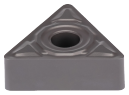
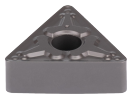
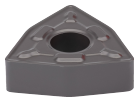
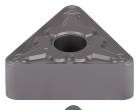
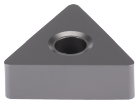
TN



P	●			●	●
M	●			●	●
K	●			●	●
N					
S					
H					
				PVD		CVD	

TN**		L	I.C.	S	d
16	04	16.5	9.525	4.76	3.81
22	04	22	12.7	4.76	5.16
27	06	27.5	15.875	6.35	6.35

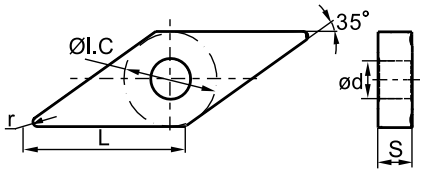
● Ideal machining conditions
Idealne warunki obróbki
◕ Normal machining conditions
Normalne warunki obróbki
◕ Unfavourable machining for Cast Iron
Niekorzystne warunki obróbki do żeliwa
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
	FINISH	TNMG160404CF	0.40	0.30-1.50	0.10-0.40	●			●	
		TNMG160408CF	0.80	0.40-2.50	0.10-0.40	●			●	
		TNMA160408	0.80	0.40-7.00	0.15-0.60					●
		TNUX160404RCS	0.40	0.30-2.50	0.10-0.20	●				
		TNUX160408RCS	0.80	0.40-2.50	0.14-0.24	●				
	MEDIUM	TNMG160404CM	0.40	0.40-5.00	0.14-0.42	●				
		TNMG160408CM	0.80	0.50-5.00	0.14-0.42	●			●	
		TNMG160408CS	0.80	0.60-5.50	0.18-0.50				●	
	ROUGH	TNMG160408CR	0.80	0.70-6.00	0.34-0.55				●	
		TNMG160412CR	1.20	0.70-6.00	0.34-0.55				●	
		TNMG160412CS	1.20	0.80-5.50	0.18-0.50				●	
		TNMA160412	1.20	0.80-5.50	0.18-0.50					●

● For P, M, K materials
● For K material only
● Grade P500 is under development

NEGATIVE INSERTS PŁYTKI UJEMNE

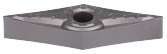
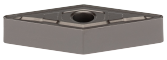
VN



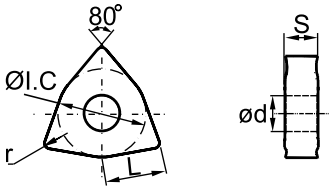
P	M	K	N	S	H

VN**		L	I.C.	S	d
16	04	16.6	9.525	4.76	3.81

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✖ Unfavourable machining conditions
Niekorzystne warunki obróbki

Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
	FINISH	VNMG160404CF	0.40	0.25-1.50	0.08-0.30				●	
	MEDIUM	VNMG160408CM	0.80	0.35-1.50	0.08-0.30				●	

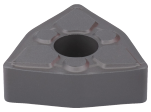
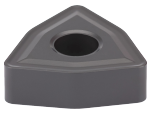
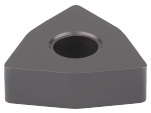
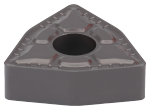
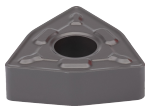
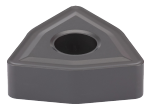
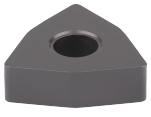
WN



P	M	K	N	S	H

WN**		L	I.C.	S	d
06	T3	6.5	9.525	3.97	3.81
08	04	8.7	12.7	4.76	5.16

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
● Unfavourable machining for Cast Iron
Niekorzystne warunki obróbki do żeliwa
✖ Unfavourable machining conditions
Niekorzystne warunki obróbki

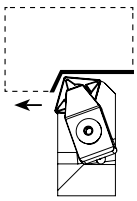
Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
	FINISH	WNMG080404CF	0.40	0.3-1.5	0.10-0.40				●	
		WNMG080408CF	0.80	0.4-1.5	0.10-0.40				●	
		WNMG080408CS	0.80	0.5-7	0.24-0.45				●	●
		WNMA080408	0.80	0.20-8.00	0.15-0.60					●
	MEDIUM	WNMG080408CM	0.80	0.4-5.50	0.14-0.30				●	
	ROUGH	WNMG080408CR	0.80	0.70-7.00	0.34-0.50				●	
		WNMG080412CR	1.20	0.10-7.00	0.34-0.50				●	
		WNMG080412CS	1.20	0.80-7.00	0.24-0.45				●	●
		WNMA080412	1.20	0.40-8.00	0.15-0.60					●

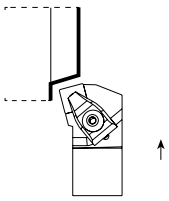
● For P, M, K materials
● For K material only

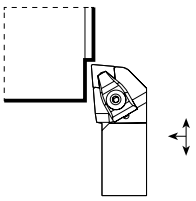
● Grade P500 is under development

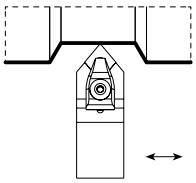
ITEM LIST LISTA

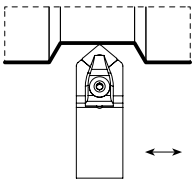
EXTERNAL T-SYSTEM

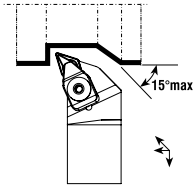

TCBN


TCKNR

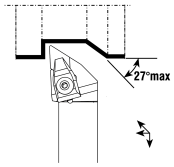

TCLNR


TCMN

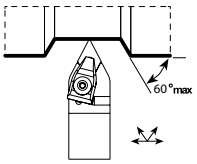

TCZN



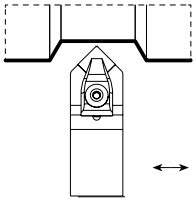
TDHN

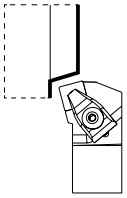


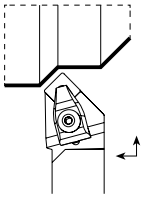
TDJN

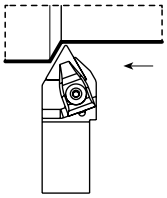


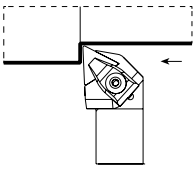
TDNN

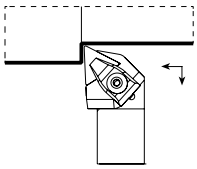

TSDN

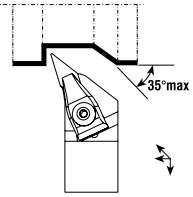

TSKN


TSSN

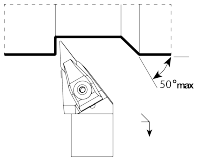

TTEN


TTGN

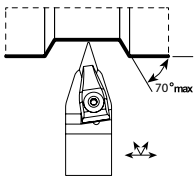

TTJN



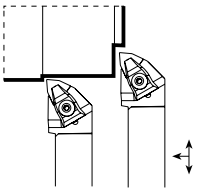
TVHN



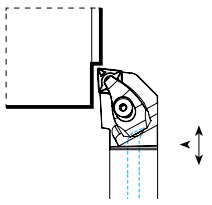
TVJN

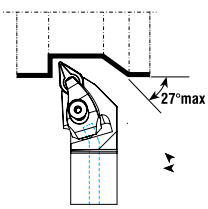


TWNN

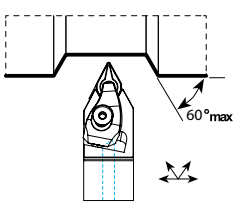

TWLN

EXTERNAL T-SYSTEM WITH COOLING

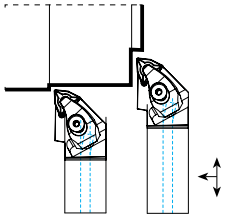

TCLN



TDJN

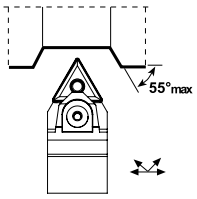


TDNN

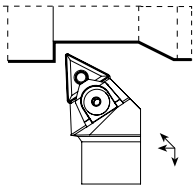

TWLN

ITEM LIST LISTA

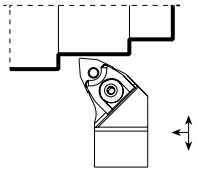
EXTERNAL M-SYSTEM



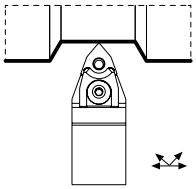
MTEN



MTJN

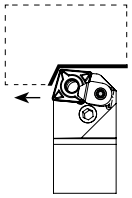


MWLN

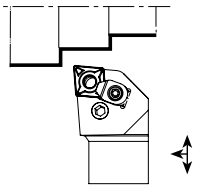


MWMN

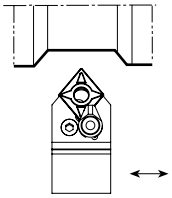
EXTERNAL P-SYSTEM



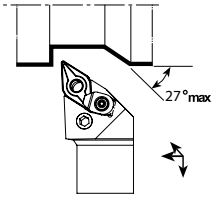
PCBN



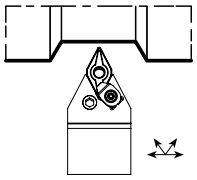
PCLN



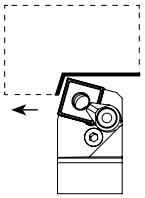
PCMN



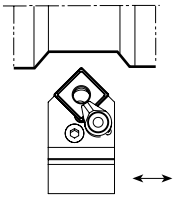
PDJN



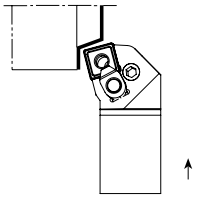
PDNN



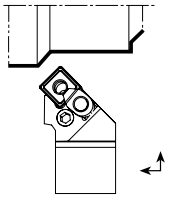
PSBN



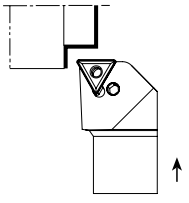
PSDN



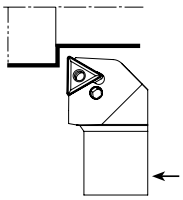
PSKN



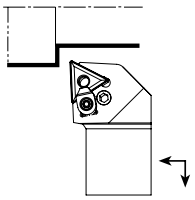
PSSN



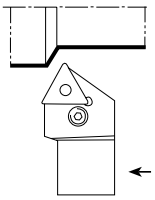
PTFN



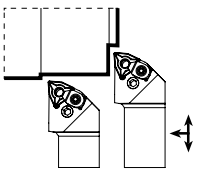
PTGN



PTJN

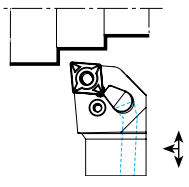


PTTN

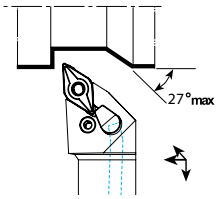


PWLN

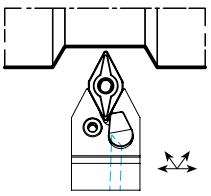
EXTERNAL P-SYSTEM WITH COOLING



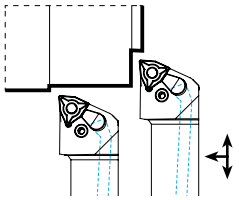
PCLN



PDJN



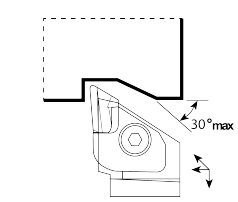
PDNN



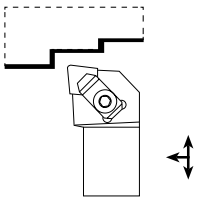
PWLN

ITEM LIST LISTA

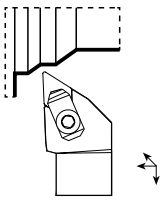
EXTERNAL C-SYSTEM



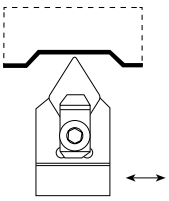
CKJN



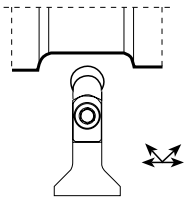
CCLN



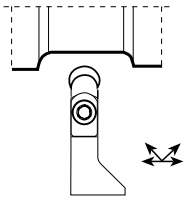
CDJN



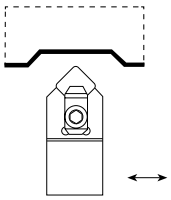
CDNN



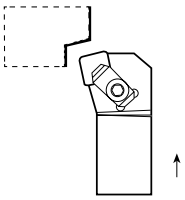
CRDCN



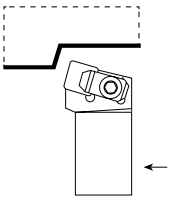
CRDCR/L



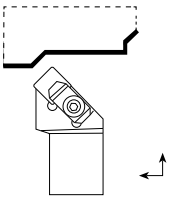
CSDN



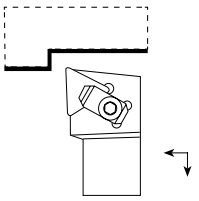
CDKN



CSRN

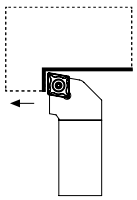


CSSN

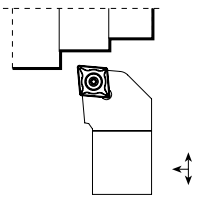


CTJN

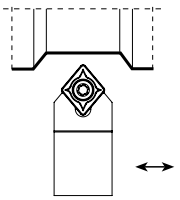
EXTERNAL S-SYSTEM



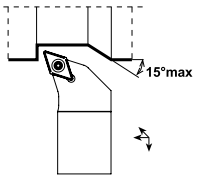
SCAC



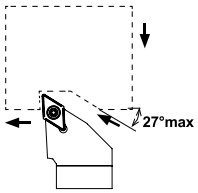
SCLC



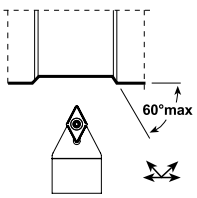
SCMN



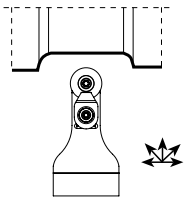
SDHC



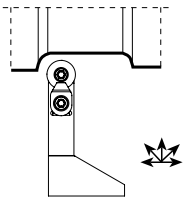
SDJC



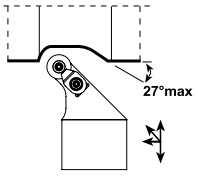
SDNC



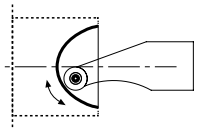
SRDCN



SRDCR



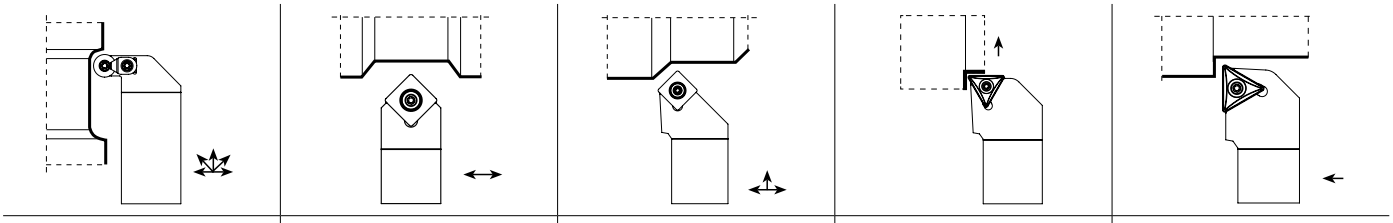
SRGC



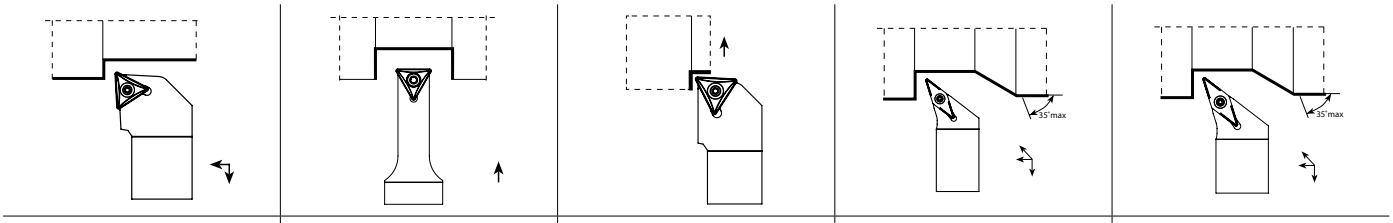
SRHC

ITEM LIST LISTA

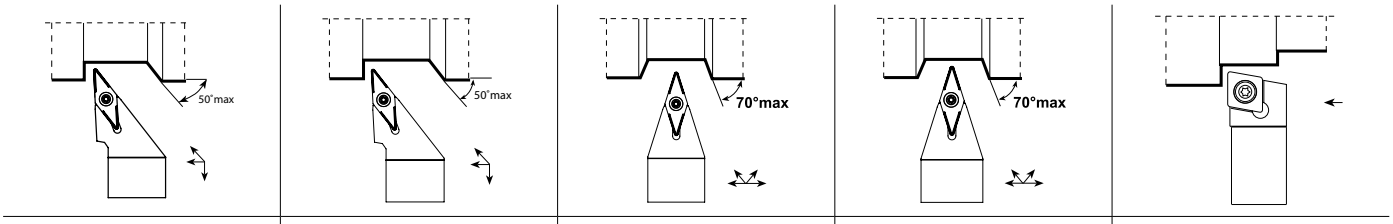
EXTERNAL S-SYSTEM



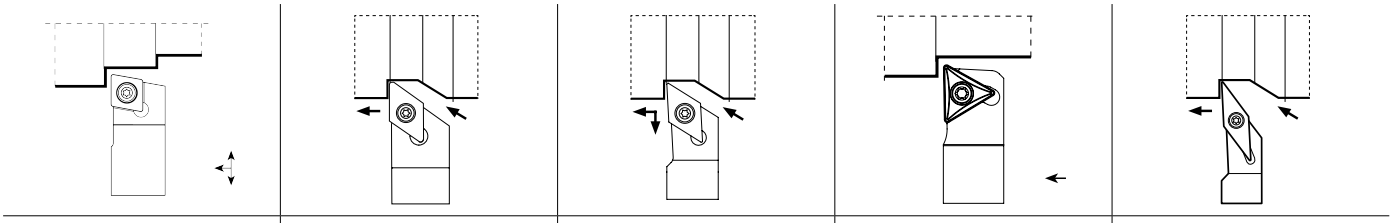
SRXC | SSDC | SSSC | STFC | STGC



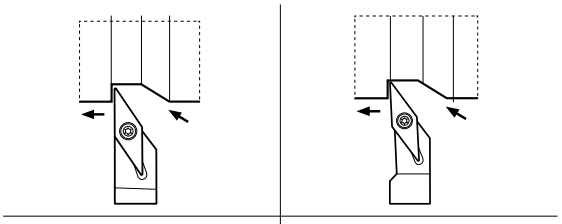
STJC | STCC | STUC | SVHB | SVHC



SVJB | SVJC | SVVB | SVVC | SCAR



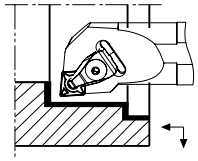
SCLC | SDAC | SDJC | STGC | SVJB

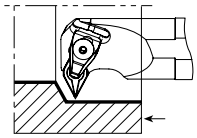


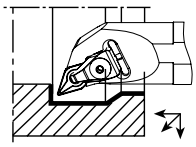
SVAC | SVJC

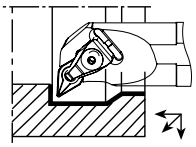
ITEM LIST LISTA

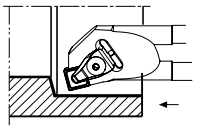
INTERNAL T-SYSTEM

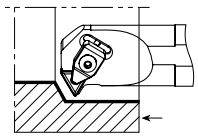

TCLN

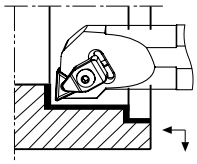

TD-N

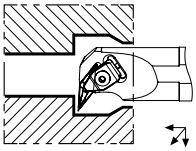

TDQN

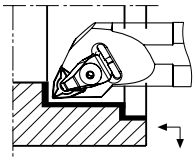

TDUN


TSKN

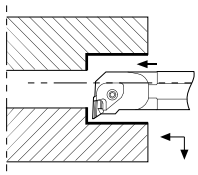

TT-N


TTUN

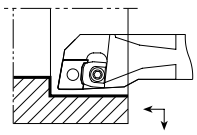

TUVN

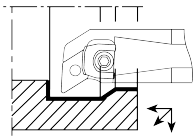

TWLN

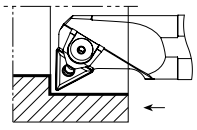
INTERNAL C-SYSTEM

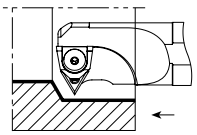

CKUN

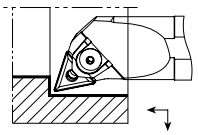
INTERNAL M-SYSTEM

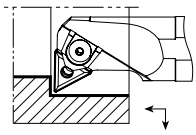

MCLN

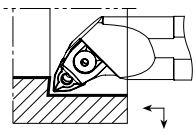

MDUN


MTFN


MT-N

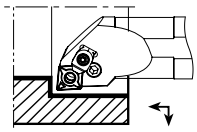

MTQN

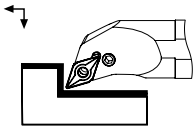

MTUN

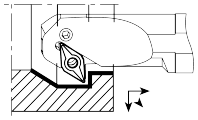

MWLN

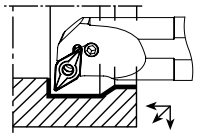
ITEM LIST LISTA

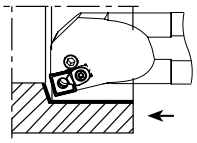
INTERNAL P-SYSTEM

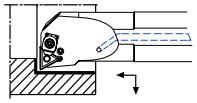

PCLN

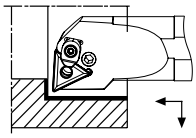

PDQN

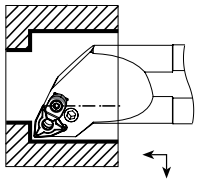

PDXN


PDUN

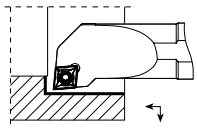

PSKN

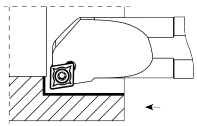

PTFN

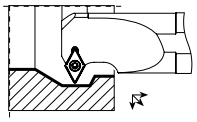

PTUN

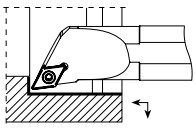

PWLN

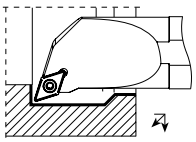
INTERNAL S-SYSTEM

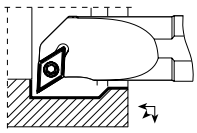

SCLC

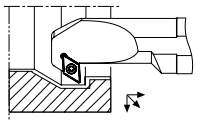

SCFC

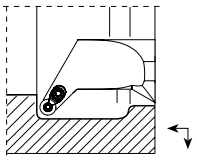

SD-C

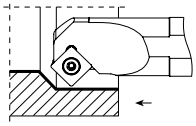

SDPC

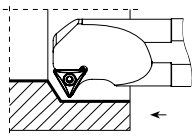

SDQC

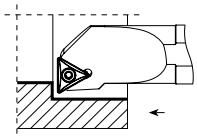

SDUC

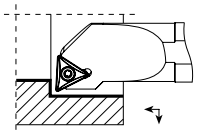

SDXC

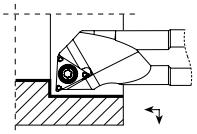

SRGC

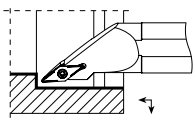

SSSC

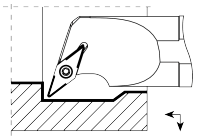

ST-C


STFC


STUC

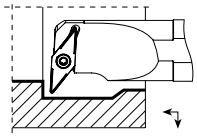

STUP


SVJB

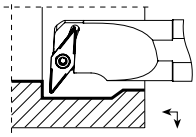

SVQB

ITEM LIST LISTA

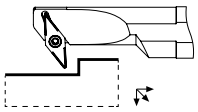
INTERNAL S-SYSTEM



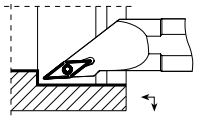
SVUB



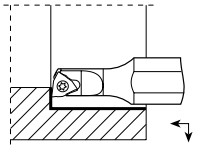
SVUC



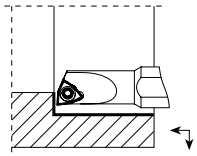
SVXB



SVJC

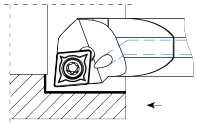


SWLC

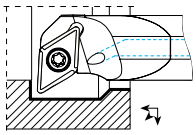


SWUB

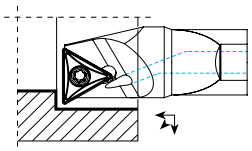
INTERNAL S-SYSTEM WITH COOLING



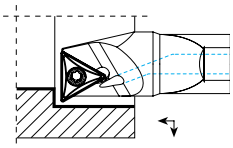
SCLC



SDUC



STFC

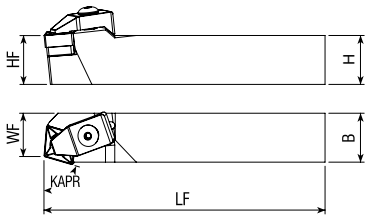


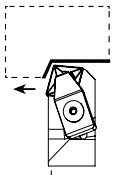
STUP

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

TCBN



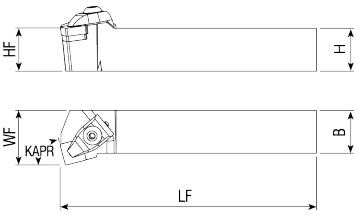


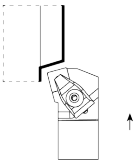


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TCBNR/L 2525 M16	25	25	150	22	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4

TCKN



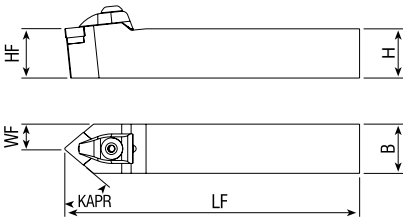


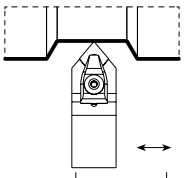


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TCKNR/L 2020 K12	20	20	125	25	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCKNR/L 2525 M12	25	25	150	32	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCKNR/L 3232 P12	32	32	170	40	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCKNR/L 2525 M16	25	25	150	32	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
TCKNR/L 3232 P16	32	32	170	40	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4

TCLN





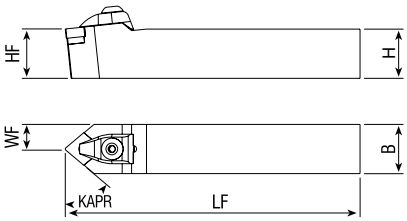


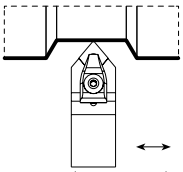
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TCLNR/L 2020 K12	20	20	125	25	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCLNR/L 2525 M12	25	25	150	32	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCLNR/L 3232 P12	32	32	170	40	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCLNR/L 4040 S12	40	40	250	50	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCLNR/L 5050 S12	50	50	250	63	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCLNR/L 2525 M16	25	25	150	32	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
TCLNR/L 3232 P16	32	32	170	40	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

TCMN



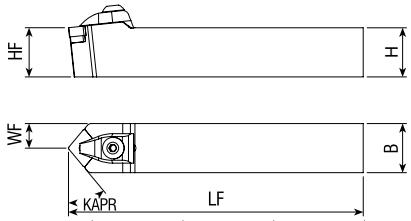


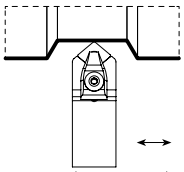


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TCMNN 1616 H12	16	16	100	8	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCMNN 2020 K12	20	20	125	10	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCMNN 2525 M12	25	25	150	12,5	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCMNN 3232 P12	32	32	170	16	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCMNN 2525 M16	25	25	150	12,5	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCMNN 3232 P16	32	32	170	16	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
TCMNN 4040 S16	40	40	250	20	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4

TCZN



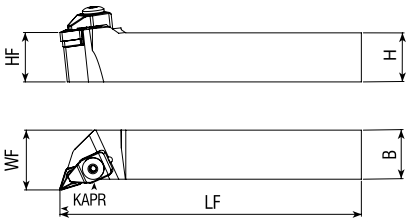


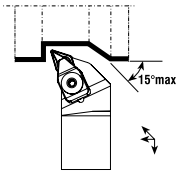


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TCZNN 2020 K12	20	20	125	10	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCZNN 2525M12	25	25	150	12,5	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCZNN 3232 P12	32	32	170	16	CNM. 1204..	TTK-02	TKV-30-M6x22	TTCN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TCZNN 2525M16	25	25	150	12,5	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
TCZNN 3232 P16	32	32	170	16	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN-3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4

TDHN





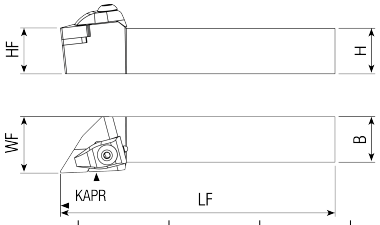


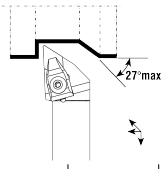
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TDHNR/L 2525 M11	25	25	150	31	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN-2-001	TTV-04-M5x12	-	TBPL-01	TTL-03-3
TDHNR/L 2020 K15	20	20	125	25	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN-2-001	TTV-04-M5x12	-	TBPL-01	TTL-03-3
TDHNR/L 2525M15	25	25	150	32	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDHNR/L 3232 P15	32	32	170	40	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

TDJN



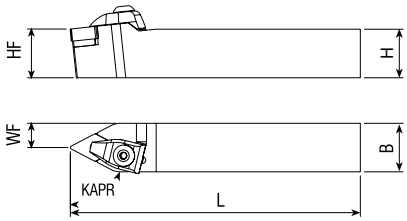


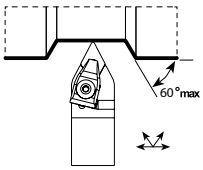


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
TDJNR/L 1616 H11	16	16	100	20	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN-2-0001	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 2020 K11	20	20	125	25	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN-2-0001	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 2525 M11	25	25	150	32	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN-2-0001	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 2020 K15	20	20	125	25	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 2525 M15	25	25	150	32	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 3232 P15	32	32	170	40	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 4040 S15	40	40	250	50	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 5050 S15	50	50	250	63	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 2020 K1504	20	20	125	25	DNM. 1504..	TTK-02	TKV-30-M6x22	TTDN-2-0003	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 2525 M1504	25	25	150	32	DNM. 1504..	TTK-02	TKV-30-M6x22	TTDN-2-0003	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 3232 P1504	32	32	170	40	DNM. 1504..	TTK-02	TKV-30-M6x22	TTDN-2-0003	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDJNR/L 4040 S1504	40	40	250	50	DNM. 1504..	TTK-02	TKV-30-M6x22	TTDN-2-0003	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

TDNN



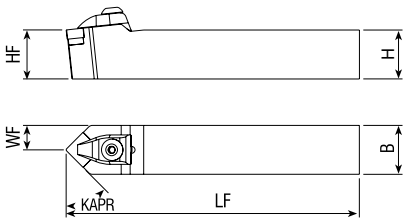


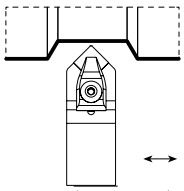


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
TDNNN 1616 H11	16	16	100	8	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN-2-0001	TTV-04-M5x12	-	TBPL-01	TTL-03-3
TDNNN 2020 K11	20	20	125	10	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN-2-0001	TTV-04-M5x12	-	TBPL-01	TTL-03-3
TDNNN 2525M11	25	25	150	12,5	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN-2-0001	TTV-04-M5x12	-	TBPL-01	TTL-03-3
TDNNN 2020 K15	20	20	125	10	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDNNN 2525M15	25	25	150	12,5	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDNNN 3232 P15	32	32	170	16	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDNNN 4040 S15	40	40	250	20	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TDNNN 5050 S15	50	50	250	25	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

TSDN





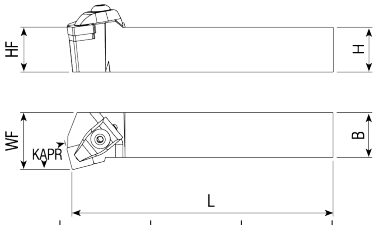


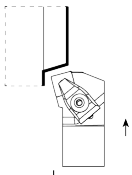
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
TSDNN 1616 H12	16	16	100	8	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSDNN 2020 K12	20	20	125	10	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSDNN 2525M12	25	25	150	12,5	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSDNN 3232 P12	32	32	170	16	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSDNN 2525M15	25	25	150	12,5	SNM. 1506..	TTK-04	TKV-19-M7x25	TTSN-3-0023	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
TSDNN 3232 P15	32	32	170	16	SNM. 1506..	TTK-04	TKV-19-M7x25	TTSN-3-0023	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
TSDNN 4040 S15	40	40	250	20	SNM. 1506..	TTK-04	TKV-19-M7x25	TTSN-3-0023	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

TSKN



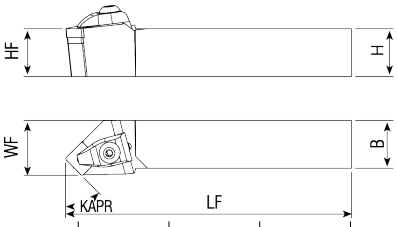


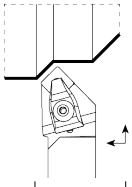


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TSKNR/L 2020 K12	20	20	125	25	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSKNR/L 2525M12	25	25	150	32	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSKNR/L 3232 P12	32	32	170	40	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSKNR/L 3232 P15	32	32	170	40	SNM. 1506..	TTK-04	TKV-19-M7x25	TTSN-3-0023	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
TSKNR/L 2020 K12	20	20	125	25	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSKNR/L 2525M12	25	25	150	32	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSKNR/L 3232 P12	32	32	170	40	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSKNR/L 2525M15	25	25	150	32	SNM 1506..	TTK-04	TKV-19-M7x25	TTSN-3-0023	TTV-05-M6X15	TS-02	TRPL -02	TTI -05-4
TSKNR/L 3232 P15	32	32	170	40	SNM 1506..	TTK-04	TKV-19-M7x25	TTSN-3-0023	TTV-05-M6X15	TS-02	TRPL -02	TTI -05-4

TSSN



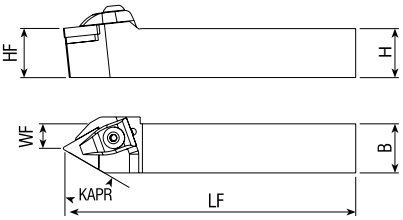


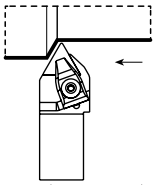


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TSSNR/L 2020 K12	20	20	125	25	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSSNR/L 2525M12	25	25	150	32	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSSNR/L 3232 P12	32	32	170	40	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN-3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TSSNR/L 2525M15	25	25	150	32	SNM 1506	TTK-04	TKV-19-M7x25	TTSN-3-0023	TTV-05-M6X15	TS-02	TRPL -02	TTI -05-4
TSSNR/L 3232 P15	32	32	170	40	SNM 1506	TTK-04	TKV-19-M7x25	TTSN-3-0023	TTV-05-M6X15	TS-02	TRPL -02	TTI -05-4

TTEN





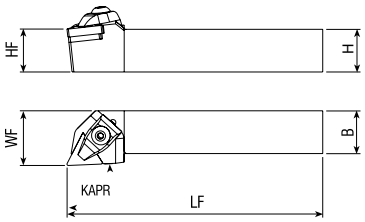


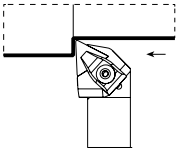
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TTENN 2020 K16	20	20	125	10	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TRPL-01	TTL-03-3
TTENN 2525M16	25	25	150	12,5	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TRPL-01	TTL-03-3
TTENN 3232 P16	32	32	170	16	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TRPL-01	TTL-03-3
TTENN 2525 M22	25	25	150	12,5	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TRPL-01	TTL-03-3
TTENN 3232 P22	32	32	170	16	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TRPL-01	TTL-03-3
TTENN 4040 S22	40	40	250	20	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TRPL-01	TTL-03-3

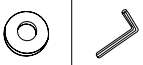
INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

TTGN



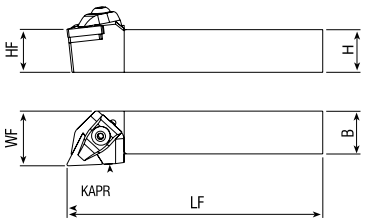


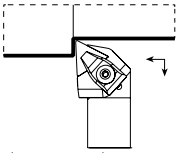


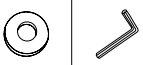
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TTGNR/L 2020 K16	20	20	125	25	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
TTGNR/L 2525M16	25	25	150	32	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
TTGNR/L 3232 P16	32	32	170	40	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
TTGNR/L 2525 M22	25	25	150	32	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TTGNR/L 3232 P22	32	32	170	40	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TTGNR/L 4040 S22	40	40	250	50	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

TTJN



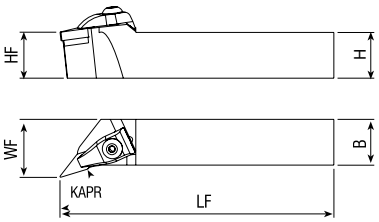


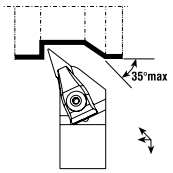


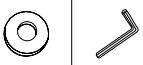
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TTJNR/L 2020 K16	20	20	125	25	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
TTJNR/L 2525M16	25	25	150	32	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
TTJNR/L 3232 P16	32	32	170	40	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
TTJNR/L 2525 M22	25	25	150	32	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TTJNR/L 3232 P22	32	32	170	40	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TTJNR/L 4040 S22	40	40	250	50	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN-3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

TVHN



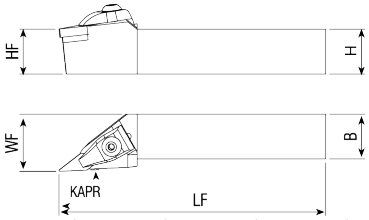


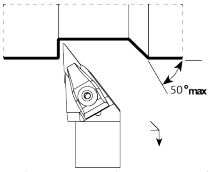


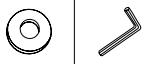
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TVHNR/L 2020 K16	20	20	125	25	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN -2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TVHNR/L 2525M16	25	25	150	32	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN -2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TVHNR/L 3232 P16	32	32	170	40	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN -2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3

TVJN





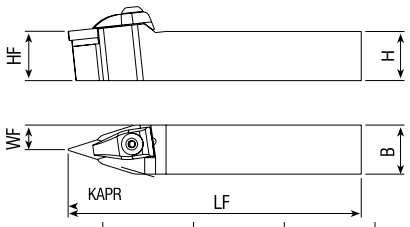


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
												
TVJNR/L 2020 K16	20	20	125	25	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN-2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TVJNR/L 2525M16	25	25	150	32	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN-2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TVJNR/L 3232 P16	32	32	170	40	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN-2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

TVVN

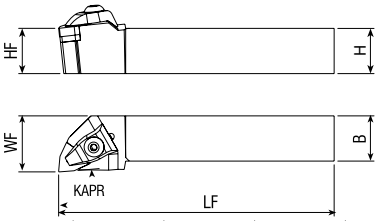




Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
TVVNN 2020 K16	20	20	125	10	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN-2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TVVNN 2525M16	25	25	150	12.5	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN-2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3
TVVNN 3232 P16	32	32	170	16	VNM. 1604..	TTK-03	TKV-30-M6x22	TTVN-2-0002	TTV-04-M5x12	TS-01	TBPL-01	TTL-03-3

TWLN



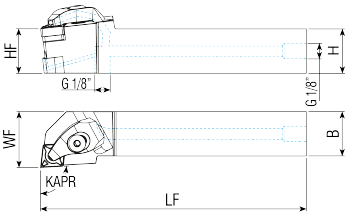


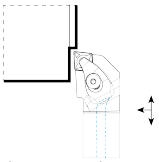
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
TWLNR/L 1616 H06	16	16	100	20	WNM. 0604..	TTK-01	TKV-01-M5x22	TTWN-SW317	TTV-01-M3x10	-	TBPL-01	TTL-03-3
TWLNR/L 2020 K06	20	20	125	25	WNM. 0604..	TTK-01	TKV-01-M5x22	TTWN-SW317	TTV-01-M3x10	-	TBPL-01	TTL-03-3
TWLNR/L 2525 M06	25	25	150	32	WNM. 0604..	TTK-01	TKV-01-M5x22	TTWN-SW317	TTV-01-M3x10	-	TBPL-01	TTL-03-3
TWLNR/L 2020 K08	20	20	125	25	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TWLNR/L 2525 M08	25	25	150	32	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TWLNR/L 3232 P08	32	32	170	40	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TWLNR/L 4040 S08	40	40	250	50	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
TWLNR/L 5050 S08	50	50	250	63	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

TCLN



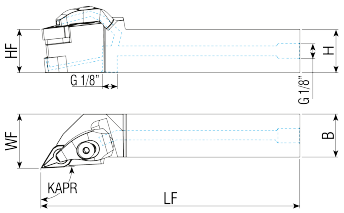


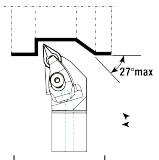


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	SPRING	RING	STAMP	ALLEN KEY
TCLNR/L 2020 K12-H	20	20	125	25	CNM. 1204..	TTKH-01-R TTKH-02-L	TKV-33-M6x22	TTCN-3-0001	TTV-02-M5x12	TKY-01	TXR-U1	27U5-G1/8x5.5	TTL-03-3
TCLNR/L 2525 M12-H	25	25	150	32	CNM. 1204..		TKV-33-M6x22	TTCN-3-0001	TTV-02-M5x12	TKY-01	TXR-U1	27U5-G1/8x5.5	TTL-03-3
TCLNR/L 3232 P12-H	32	32	170	40	CNM. 1204..		TKV-33-M6x22	TTCN-3-0001	TTV-02-M5x12	TKY-01	TXR-U1	27U5-G1/8x5.5	TTL-03-3

TDJN



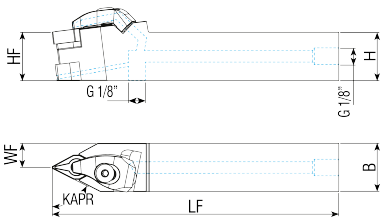


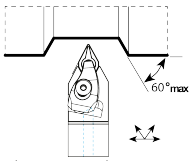


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	SPRING	RING	STAMP	ALLEN KEY
TDJNR/L 2020 K15-H	20	20	125	25	DNM. 1506..	TTKH-01-R TTKH-02-L	TKV-33-M6x22	TTCN-3-0001	TTV-02-M5x12	TKY-01	TXR-U1	27U5-G1/8x5.5	TTL-03-3
TDJNR/L 2525 M15-H	25	25	150	32	DNM. 1506..		TKV-33-M6x22	TTCN-3-0001	TTV-02-M5x12	TKY-01	TXR-U1	27U5-G1/8x5.5	TTL-03-3
TDJNR/L 3232 P15-H	32	32	170	40	DNM. 1506..		TKV-33-M6x22	TTCN-3-0001	TTV-02-M5x12	TKY-01	TXR-U1	27U5-G1/8x5.5	TTL-03-3

TDNN

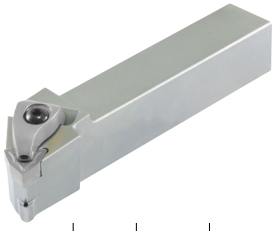


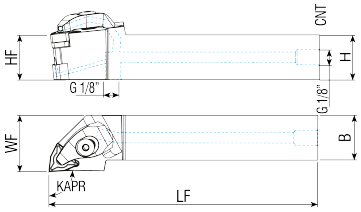


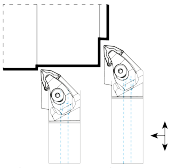


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	SPRING	RING	STAMP	ALLEN KEY
TDNNN 2525 M15-H	25	25	150	32	DNM. 1506..	TTKH-01-R	TKV-33-M6x22	TTDN-3-0001	TTV-02-M5x12	TKY-01	TXR-01	2705-G1/8x5.5	TTL-03-3

TWLN





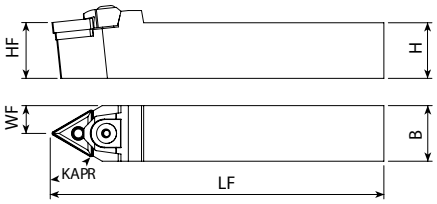


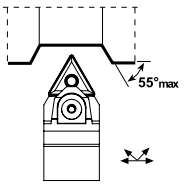
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	SPRING	RING	STAMP	ALLEN KEY
TWLNR/L 2020 K08-H	20	20	125	25	WNM. 0804..	TTKH-01-R TTKH-02-L	TKV-33-M6x22	TTWN-3-0001	TTV-02-M5x12	TKY-01	TXR-01	2705-G1/8x5.5	TTL-03-3
TWLNR/L 2525 M08-H	25	25	150	32	WNM. 0804..		TKV-33-M6x22	TTWN-3-0001	TTV-02-M5x12	TKY-01	TXR-01	2705-G1/8x5.5	TTL-03-3
TWLNR/L 3232 P08-H	32	32	170	40	WNM. 0804..		TKV-33-M6x22	TTWN-3-0001	TTV-02-M5x12	TKY-01	TXR-01	2705-G1/8x5.5	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

MTEN



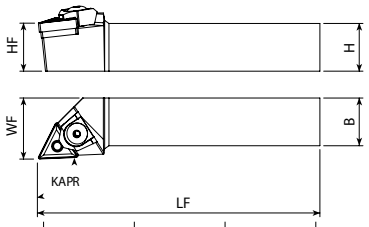


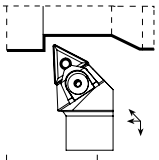


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
MTENN 2020 K16	20	20	125	10	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
MTENN 2525M16	25	25	150	12.5	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
MTENN 3232 P16	32	32	170	16	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
MTENN 2525 M22	25	25	150	12.5	TNM. 2204..	TMK-08	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
MTENN 3232 P22	32	32	170	16	TNM. 2204..	TMK-08	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
MTENN 4040 S22	40	40	250	20	TNM. 2204..	TMK-08	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3

MTJN



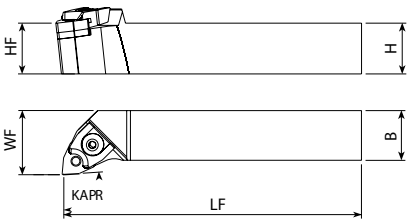


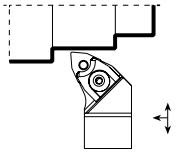


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
MTJNR/L 2020 K16	20	20	125	25	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
MTJNR/L 2525M16	25	25	150	32	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
MTJNR/L 3232 P16	32	32	170	40	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
MTJNR/L 2525 M22	25	25	150	32	TNM. 2204..	TMK-08	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
MTJNR/L 3232 P22	32	32	170	40	TNM. 2204..	TMK-08	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
MTJNR/L 4040 S22	40	40	250	50	TNM. 2204..	TMK-08	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3

MWLN





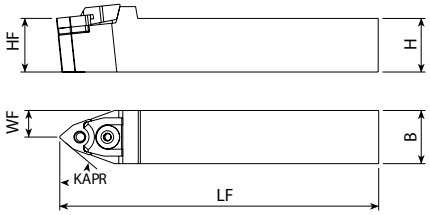


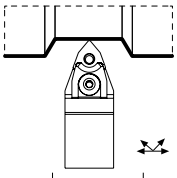
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
MWLNR/L 1616 H06	16	16	100	20	WNM. 0604..	TMK-01	TKV-04-M5x17	-	TPM-08	-	-	TTL-03
MWLNR/L 2020 K06	20	20	125	25	WNM. 0604..	TMK-01	TKV-04-M5x17	-	TPM-08	-	-	TTL-03
MWLNR/L 2525 M06	25	25	150	32	WNM. 0604..	TMK-01	TKV-04-M5x17	-	TPM-08	-	-	TTL-03
MWLNR/L 2020 K08	20	20	125	25	WNM. 0804..	TMK-05	TKV-03-M6x22	TTWN-3-0001	TPM-02	TS-01	TBPL-01	TTL-03
MWLNR/L 2525 M08	25	25	150	32	WNM. 0804..	TMK-05	TKV-03-M6x22	TTWN-3-0001	TPM-02	TS-01	TBPL-01	TTL-03
MWLNR/L 3232 P08	32	32	170	40	WNM. 0804..	TMK-05	TKV-03-M6x22	TTWN-3-0001	TPM-02	TS-01	TBPL-01	TTL-03

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

MWMN





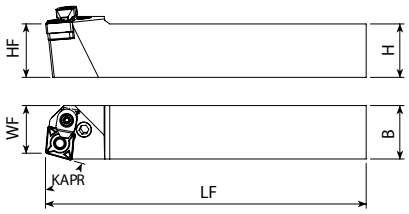


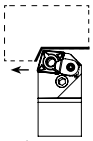
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
												
MWMNN 1616 H06	16	16	100	8	WNM. 0604..	TMK-01	TKV-04-M5x17	-	TPM-08	-	-	TTL-03-3
MWMNN 2020 K06	20	20	125	10	WNM. 0604..	TMK-01	TKV-04-M5x17	-	TPM-08	-	-	TTL-03-3
MWMNN 2525 M06	25	25	150	12.5	WNM. 0604..	TMK-01	TKV-04-M5x17	-	TPM-08	-	-	TTL-03-3
MWMNN 2020 K08	20	20	125	10	WNM. 0804..	TMK-05	TKV-03-M6x22	TTWN-3-0001	TPM-02	TS-01	TBPL-01	TTL-03-3
MWMNN 2525 M08	25	25	150	12.5	WNM. 0804..	TMK-05	TKV-03-M6x22	TTWN-3-0001	TPM-02	TS-01	TBPL-01	TTL-03-3
MWMNN 3232 P08	32	32	170	16	WNM. 0804..	TMK-05	TKV-03-M6x22	TTWN-3-0001	TPM-02	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

PCBN

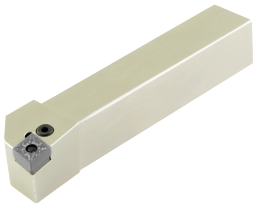


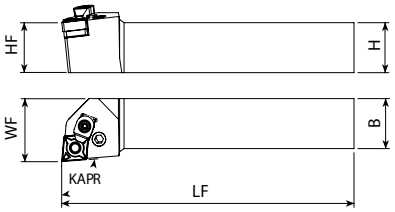


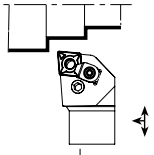


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PCBNR/L 2020 K12C	20	20	125	17.5	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PCBNR/L 2525 M12C	25	25	150	22.5	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PCBNR/L 3232 P12C	32	32	170	29.5	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PCBNR/L 2525 M16C	25	25	150	22	CNM. 1606..	TPL-04	TLV-04-M8x22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PCBNR/L 3232 P16C	32	32	170	27	CNM. 1606..	TPL-04	TLV-04-M8x22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PCBNR/L 3232 P19C	32	32	170	27	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PCBNR/L 4040 S19C	40	40	250	37	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PCBNR/L 4040 S25C	40	40	250	37	CNM. 2509..	TPL-06	TLV-06-M12x36	TTCN-3-0008	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5
PCBNR/L 5050 S25C	50	50	250	47	CNM. 2509..	TPL-06	TLV-06-M12x36	TTCN-3-0008	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5

PCLN



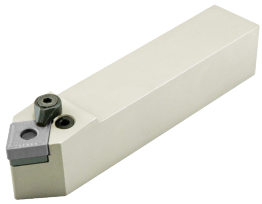


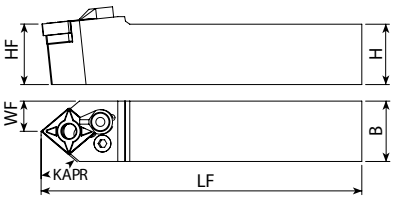


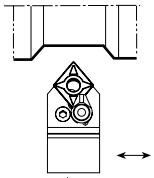
Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PCLNR/L 1616 H09	16	16	100	20	CNM. 0903..	TPL-01	TLV-02-M6x17	TTCN-2-0002	TTY-01	-	-	TTL-02-2.5
PCLNR/L 2020 K09	20	20	125	25	CNM. 0903..	TPL-01	TLV-02-M6x17	TTCN-2-0002	TTY-01	-	-	TTL-02-2.5
PCLNR/L 2525 M09	25	25	150	32	CNM. 0903..	TPL-01	TLV-02-M6x17	TTCN-2-0002	TTY-01	-	-	TTL-02-2.5
PCLNR/L 1616 H12	16	16	100	20	CNM 1204	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	-	-	TTL-03-3
PCLNR/L 2020 K12C	20	20	125	25	CNM 1204	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3
PCLNR/L 2525 M12C	25	25	150	32	CNM 1204	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3
PCLNR/L 3232 P12C	32	32	170	40	CNM 1204	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3
PCLNR/L 2525 M16C	25	25	150	32	CNM. 1606..	TPL-04	TLV-U4-M8X22	TTCN-3-UUU2	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PCLNR/L 3232 P16C	32	32	170	40	CNM. 1606..	TPL-04	TLV-U4-M8X22	TTCN-3-UUU2	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PCLNR/L 2525 M19C	25	25	150	32	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PCLNR/L 3232 P19C	32	32	170	40	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PCLNR/L 4040 S19C	40	40	250	50	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PCLNR/L 4040 S25C	40	40	250	50	CNM. 2509..	TPL-06	TLV-06-MI2X36	TTCN-3-0008	TTY-05	TCK-04	TKV-I6-M6XI6	TTL-07-5
PCLNR/L 5050 S25C	50	50	250	60	CNM. 2509..	TPL-06	TLV-06-MI2X36	TTCN-3-0008	TTY-05	TCK-04	TKV-I6-M6XI6	TTL-07-5

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

PCMN



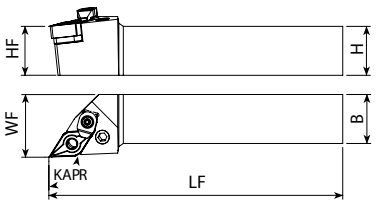


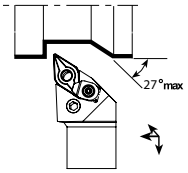


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PCMNN 2020 K12C	20	20	125	10	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3
PCMNN 2525 M12C	25	25	150	12.5	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3
PCMNN 3232 P12C	32	32	170	16	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3
PCMNN 2525 M16C	25	25	150	12.5	CNM. 1606..	TPL-04	TLV-U4-M8X22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PCMNN 3232 P16C	32	32	170	16	CNM. 1606..	TPL-04	TLV-U4-M8X22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PCMNN 3232 P19C	32	32	170	16	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PCMNN 4040 S19C	40	40	250	20	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PCMNN 5050 S19C	50	50	250	25	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PCMNN 4040 S25C	40	40	250	20	CNM. 2509..	TPL-06	TLV-06-MI2X36	TTCN-3-0008	TTY-05	TCK-04	TKV-I6-M6XI6	TTL-07-5

PDJN





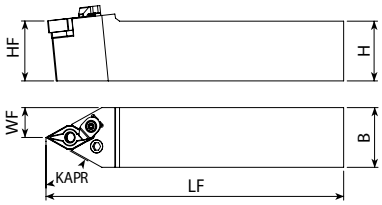


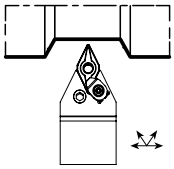
Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PDJNR/L 1616 H11	16	16	100	20	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-2-0002	TTY-01	-	-	TTL-02-2.5
PDJNR/L 2020 K11	20	20	125	25	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-2-0002	TTY-01	-	-	TTL-02-2.5
PDJNR/L 2525 M11	25	25	150	32	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-2-0002	TTY-01	-	-	TTL-02-2.5
PDJNR/L 2020 K15C	20	20	125	25	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TCK-04	4015-M4X11	TTL-03-3
PDJNR/L 2525 M15C	25	25	150	32	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3
PDJNR/L 3232 P15C	32	32	170	40	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3
PDJNR/L 4040 S15C	40	40	250	50	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TCK-05	4015-M4X11	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

PDNN



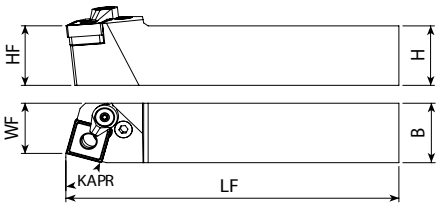


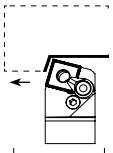


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PDNNN 1616 H11	16	16	100	8	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
PDNNN 2020 K11	20	20	125	10	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
PDNNN 2525M11	25	25	150	12.5	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
PDNNN 2020 K15C	20	20	125	10	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PDNNN 2525M15C	25	25	150	12.5	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PDNNN 3232 P15C	32	32	170	16	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3

PSBN





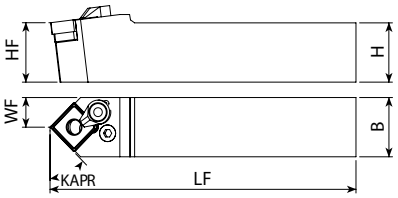


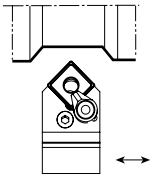
Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PSBNR/L 1616 H09	16	16	100	13	SNM. 0903	TPL-01	TLV-02-M6x17	TTSN-2-0002	TTY-01	-	-	TTL-02-2.5
PSBNR/L 2020 K09	20	20	125	17	SNM. 0903	TPL-01	TLV-02-M6x17	TTSN-2-0002	TTY-01	-	-	TTL-02-2.5
PSBNR/L 2020 K12	20	20	125	17	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	-	-	TTL-03-3
PSBNR/L 2525M12C	25	25	150	22	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4v11	TTL-03-3
PSBNR/L 3232 P12C	32	32	170	27	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4v11	TTL-03-3
PSBNR/L 2525M15	25	25	150	22	SNM. 1506..	TPL-04	TLV-04-M8V22	TTSN-3-0023	TTY-03	-	-	TTL-03-3
PSBNR/L 3232 P15C	32	32	170	27	SNM. 1506..	TPL-04	TLV-04-M8V22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PSBNR/L 3232 P19C	32	32	170	27	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSBNR/L 4040 S19C	40	40	250	35	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSBNR/L 4040 S25C	40	40	250	35	SNM. 2509..	TPL-06	TLV-06-MI2X36	TTSN-3-0020	TTY-05	TCK-04	TKV-06-M6XI6	TTL-07-5
PSBNR/L 5050 S25C	50	50	250	43	SNM. 2509..	TPL-06	TLV-06-MI2X36	TTSN-3-0020	TTY-05	TCK-04	TKV-06-M6XI6	TTL-07-5

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

PSDN

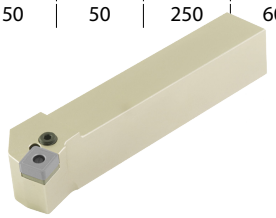


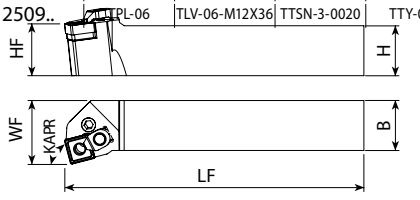


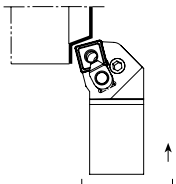


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PSDNN 1616H09	16	16	100	8	SNM. 0903..	TPL-01	TLV-02-M6x17	TTSN-2-0002	TTY-01	-	-	TTL-02-2.5
PSDNN 2020 K12C	20	20	125	10	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSDNN 2525 M12C	25	25	150	12.5	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSDNN 3232 P12C	32	32	170	16	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSDNN 2020 K15	20	20	125	10	SNM. 1506..	TPL-04	TLV-04-M8x22	TTSN-3-0023	TTY-03	-	-	TTL-03-3
PSDNN 2525 M15C	25	25	150	12.5	SNM. 1506..	TPL-04	TLV-04-M8x22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PSDNN 3232 P19C	32	32	170	16	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSDNN 4040 S19C	40	40	250	20	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSDNN 5050 S19C	50	50	250	25	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSDNN 4040 S25C	40	40	250	20	SNM. 2509..	TPL-06	TLV-06-M12X36	TTSN-3-0020	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5
PSDNN 5050 S25C	50	50	250	25	SNM. 2509..	TPL-06	TLV-06-M12X36	TTSN-3-0020	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5
PSDNN 2020 K09	20	20	125	25	SNM. 0903..	TPL-01	TLV-02-M6x17	TTSN-2-0002	TTY-01	-	-	TTL-02-2.5
PSDNN 2020 K12C	20	20	125	25	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSDNN 2525 M12C	25	25	150	32	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSDNN 3232 P12C	32	32	170	40	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSDNN 2525 M15C	25	25	150	32	SNM. 1506..	TPL-04	TLV-04-M8X22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PSDNN 3232 P15C	32	32	170	40	SNM. 1506..	TPL-04	TLV-04-M8X22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PSDNN 3232 P19C	32	32	170	40	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSDNN 4040 S19C	40	40	250	50	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSDNN 4040 S25C	40	40	250	50	SNM. 2509..	TPL-06	TLV-06-M12X36	TTSN-3-0020	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5
PSDNN 5050 S25C	50	50	250	60	SNM. 2509..	TPL-06	TLV-06-M12X36	TTSN-3-0020	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5

PSKN





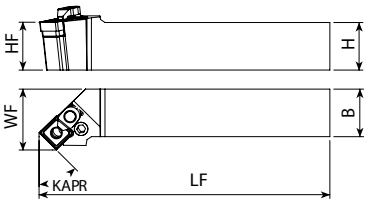


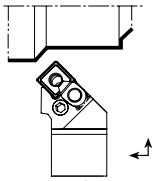
Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PSKNR/L 2020 K09	20	20	125	25	SNM. 0903..	TPL-01	TLV-02-M6x17	TTSN-2-0002	TTY-01	-	-	TTL-02-2.5
PSKNR/L 2020 K12C	20	20	125	25	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSKNR/L 2525 M12C	25	25	150	32	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSKNR/L 3232 P12C	32	32	170	40	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSKNR/L 2525 M15C	25	25	150	32	SNM. 1506..	TPL-04	TLV-04-M8X22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PSKNR/L 3232 P15C	32	32	170	40	SNM. 1506..	TPL-04	TLV-04-M8X22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PSKNR/L 3232 P19C	32	32	170	40	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSKNR/L 4040 S19C	40	40	250	50	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSKNR/L 4040 S25C	40	40	250	50	SNM. 2509..	TPL-06	TLV-06-M12X36	TTSN-3-0020	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5
PSKNR/L 5050 S25C	50	50	250	60	SNM. 2509..	TPL-06	TLV-06-M12X36	TTSN-3-0020	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

PSSN



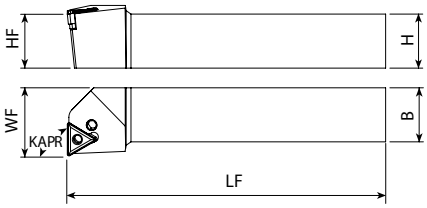


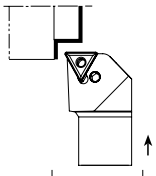


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
PSSNR/L 1616 H09	16	16	100	20	SNM. 0903..	TPL-01	TLV-02-M6x17	TTSN-2-0002	TTY-01	-	-	TTL-02-2.5
PSSNR/L 2020 K09	20	20	125	25	SNM. 0903..	TPL-01	TLV-02-M6x17	TTSN-2-0002	TTY-01	-	-	TTL-02-2.5
PSSNR/L 2020 K12C	20	20	125	25	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSSNR/L 2525M12C	25	25	150	32	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSSNR/L 3232 P12C	32	32	170	40	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PSSNR/L 3232 P15C	32	32	170	40	SNM. 1506..	TPL-04	TLV-04-M8X22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
PSSNR/L 3232 P19C	32	32	170	40	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSSNR/L 4040 S19C	40	40	250	50	SNM. 1906..	TPL-05	TLV-05-M10x27	TTSN-3-0005	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
PSSNR/L 4040 S25C	40	40	250	50	SNM. 2509..	TPL-06	TLV-06-M12X36	TTSN-3-0020	TTY-05	TCK-04	TKV-16-M6x16	TTL-07-5

PTFN

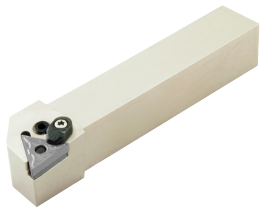


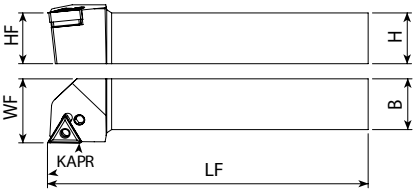


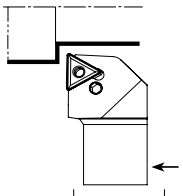


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
PTFNR/L 1616 H16	16	16	100	20	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTFNR/L 2020 K16	20	20	125	25	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTFNR/L 2525 M16	25	25	150	32	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTFNR/L 3232 P16	32	32	170	40	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTFNR/L 2525 M22C	25	25	150	32	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PTFNR/L 3232 P22C	32	32	170	40	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PTFNR/L 4040 S27C	40	40	250	50	TNM. 2706.	TPL-05	TLV-05-M10x27	7042701	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4

PTGN





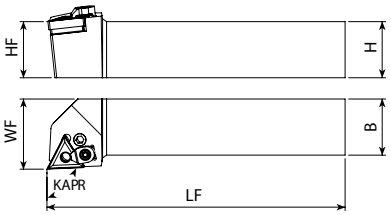


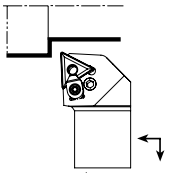
Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
PTGNR/L 1010 E11	10	10	70	12	TNM. 1103..	TPL-11	TLV-10-M5X10	-	-	-	-	TTL-13-2.5
PTGNR/L 1212 F11	12	12	80	16	TNM. 1103..	TPL-11	TLV-10-M5X10	-	-	-	-	TTL-13-2.5
PTGNR/L 1616 H11	16	16	100	20	TNM. 1103..	TPL-11	TLV-10-M5X10	-	-	-	-	TTL-13-2.5
PTGNR/L 1616 H16	16	16	100	20	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTGNR/L 2020 K16	20	20	125	25	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTGNR/L 2525 M16	25	25	150	32	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTGNR/L 3232 P16	32	32	170	40	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTGNR/L 2525 M22C	25	25	150	32	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PTGNR/L 3232 P22C	32	32	170	40	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PTGNR/L 4040 S27C	40	40	250	50	TNM. 2706..	TPL-05	TLV-05-M10x27	7042701	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

PTJN

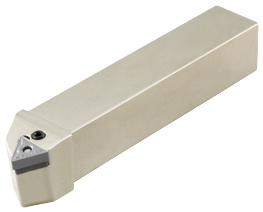


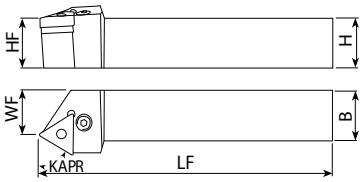


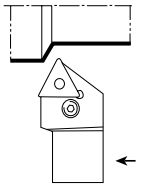


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PTJNR/L 1010 E11	10	10	70	12	TNM. 1103..	TPL-11	TLV-10-M5X10	-	-	-	-	TTL-13-2.5
PTJNR/L 1212 F11	12	12	80	16	TNM. 1103..	TPL-11	TLV-10-M5X10	-	-	-	-	TTL-13-2.5
PTJNR/L 1616 H11	16	16	100	20	TNM. 1103..	TPL-11	TLV-10-M5X10	-	-	-	-	TTL-13-2.5
PTJNR/L 1616 H16	16	16	100	20	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTJNR/L 2020 K16	20	20	125	25	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTJNR/L 2525 M16	25	25	150	32	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTJNR/L 3232 P16	32	32	170	40	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTJNR/L 2525 M22C	25	25	150	32	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PTJNR/L 3232 P22C	32	32	170	40	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PTJNR/L 4040 S27C	40	40	250	50	TNM. 2706..	TPL-05	TLV-05-M10x27	7042701	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4

PTTN

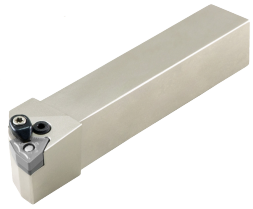


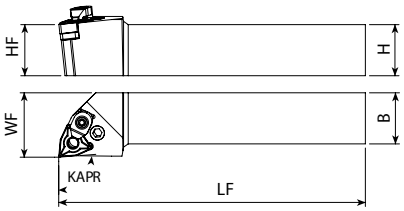


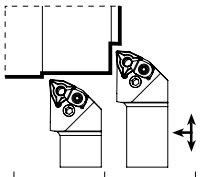


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PTTNR/L 1616 H16	16	16	100	13	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTTNR/L 2020 K16	20	20	125	17	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTTNR/L 2525M16	25	25	150	21.5	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTTNR/L 3232 P16	32	32	170	31	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
PTTNR/L 2525 M22C	25	25	150	20.5	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PTTNR/L 3232 P22C	32	32	170	29	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3

PWLN



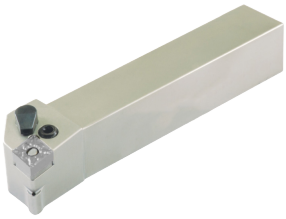


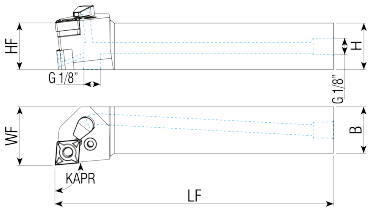


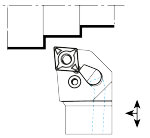
Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
												
PWLNR/L 1616 H06	16	16	100	20	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
PWLNR/L 2020 K06	20	20	125	25	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
PWLNR/L 2525 M06	25	25	150	32	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
PWLNR/L 3232 P06	32	32	170	40	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
PWLNR/L 1616 H08	16	16	100	20	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	-	-	TTL-03-3
PWLNR/L 2020 K08C	20	20	125	25	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PWLNR/L 2525 M08C	25	25	150	32	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
PWLNR/L 3232 P08C	32	32	170	40	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

PCLN



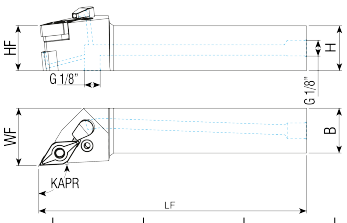


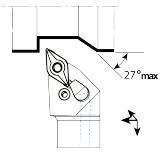


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	RING	THREADED PIN	NOZZLE	ALLEN KEY
PCLNR/L 2020 K12-H	20	20	125	25	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TXR-01 TOR-01	2705-G1/8x5.5	TN-01	TTL-03-3
PCLNR/L 2525 M12-H	25	25	150	32	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02		2705-G1/8x5.5	TN-01	TTL-03-3
PCLNR/L 3232 P12-H	32	32	170	40	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02		2705-G1/8x5.5	TN-01	TTL-03-3

PDJN



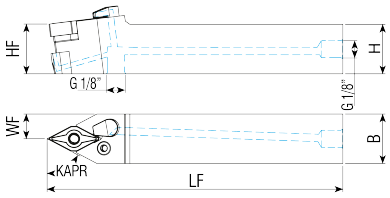


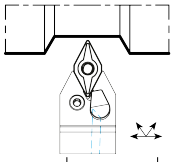


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	RING	THREADED PIN	NOZZLE	ALLEN KEY
PDJNR/L 2020 K15-H	20	20	125	25	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TXR-01 TOR-01	2705-G1/8x5.5	TN-01	TTL-03-3
PDJNR/L 2525 M15-H	25	25	150	32	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02		2705-G1/8x5.5	TN-01	TTL-03-3
PDJNR/L 3232 P15-H	32	32	170	40	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02		2705-G1/8x5.5	TN-01	TTL-03-3

PDNN



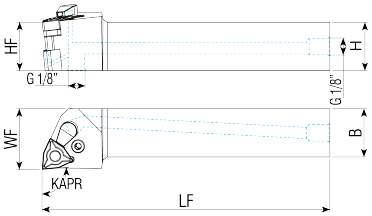


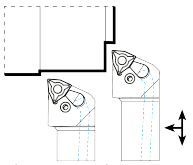


Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	RING	THREADED PIN	NOZZLE	ALLEN KEY
PDNNN 2525 M15-H	25	25	150	32	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	TXR-01 TOR-01	2705-G1/8x5.5	TN-01	TTL-03-3

PWLN





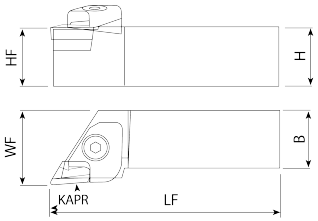


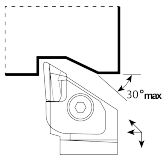
Code Kod	HF=H	B	LF	WF	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	RING	THREADED PIN	NOZZLE	ALLEN KEY
PWLNR/L 2020 K08-H	20	20	125	25	WNM. 0804..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TXR-01 TOR-01	2705-G1/8x5.5	TN-01	TTL-03-3
PWLNR/L 2525 M08-H	25	25	150	32	WNM. 0804..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02		2705-G1/8x5.5	TN-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

CKJN

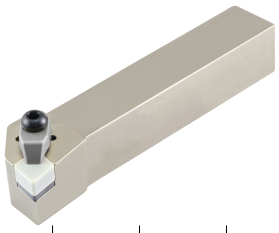


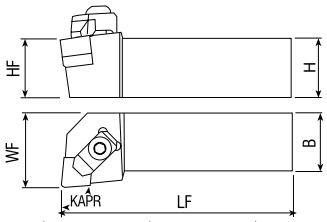


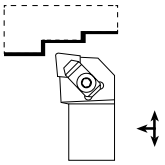


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	SPRING	STAMP	ALLEN KEY
CKJNR/L2020K16	20	20	125	27.5	KNUX1604..	ACK01RACK02L	TKV06M6x20	AKS16RAKS16L	TTV01M3x10	TKY02	TBPL01	TTL054
CKJNR/L2525M16	25	25	150	31.5	KNUX1604..		TKV06M6x20		TTV01M3x10	TKY02	TBPL01	TTL054
CKJNR/L3232P16	32	32	170	40	KNUX1604..		TKV06M6x20		TTV01M3x10	TKY02	TBPL01	TTL054
CKJNR/L4040S16	40	40	250	50	KNUX1604..		TKV06M6x20		TTV01M3x10	TKY02	TBPL01	TTL054

CCLN



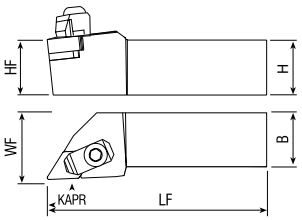


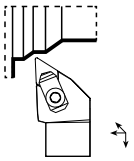


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	ALLEN KEY
CCLNR/L 2525M1207C	25	25	150	32	CN.N 1207..	TCK13	TKV11M8x29	TTCN30001	TTV02M5x12	TCS01	TTL054
CCLNR/L 3232 P1207C	32	32	170	40	CN.N 1207..	TCK13	TKV11M8x29	TTCN30001	TTV02M5x12	TCS01	TTL054
CCLNR/L 2525M1607C	25	25	150	32	CN.N 1607..	TCK13	TKV11M8x29	TTCN30002	TTV05M6x15	TCS01	TTL054

CDJN



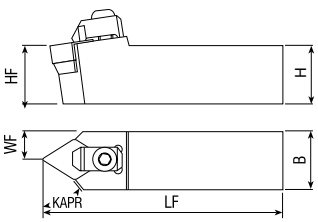


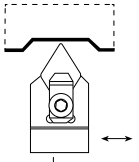


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	ALLEN KEY
CDJNR/L 2525M1107C	25	25	150	32	DN.N 1107..	TCK22	TKV11M8x29	TTDN20001	TTV04M5x12	TCS01	TTL054
CDJNR/L 2525M1507C	25	25	150	32	DN.N 1507..	TCK13	TKV11M8x29	TTDN30001	TTV02M5x12	TCS01	TTL054
CDJNR/L 3232 P1507C	32	32	170	40	DN.N 1507..	TCK13	TKV11M8x29	TTDN30001	TTV02M5x12	TCS01	TTL054

CDNN





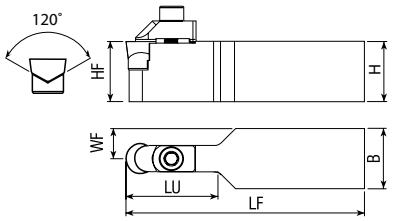


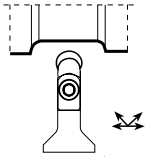
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	ALLEN KEY
CDNNN 2525 M1107C	25	25	150	12.5	DN.N 1107..	TCK22	TKV11M8x29	TTDN20001	TTV04M5x12	TCS01	TTL054

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

CRDC

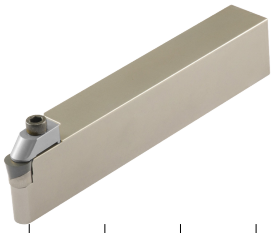


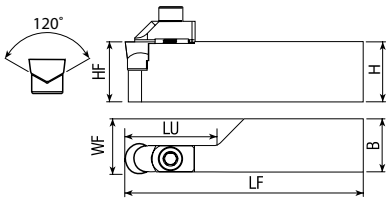


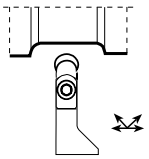


Code Kod	HF=H	B	LF	LU	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	ALLEN KEY
											
CRDCN 2525 M06CV	25	25	150	19	12.5	RCGX 0606..	TCK27	2525M3X14	TTRC30001	3007M22X5	TTL0225
CRDCN 3225 P06CV	32	25	170	19	12.5	RCGX 0606..	TCK27	2525M3X14	TTRC30001	3007M22X5	TTL0225
CRDCN 4040 S06CV	40	40	250	19	20	RCGX 0606..	TCK27	2525M3X14	TTRC30001	3007M22X5	TTL0225
CRDCN 2525 M09CV	25	25	150	29	12.5	RCGX 0907..	TCK28	2504M5X16	TTRC30002	3008M25x6	TTL054
CRDCN 3225 P09CV	32	25	170	29	12.5	RCGX 0907..	TCK28	2504M5X16	TTRC30002	3008M25x6	TTL054
CRDCN 4040 S09CV	40	40	250	29	20	RCGX 0907..	TCK28	2504M5X16	TTRC30002	3008M25x6	TTL054
CRDCN 2525M12CV	25	25	150	38	12.5	RCGX 1207..	TCK29	2505M6X20	TTRC30003	3008M25x6	TTL075
CRDCN 3225 P12CV	32	25	170	38	12.5	RCGX 1207..	TCK29	2505M6X20	TTRC30003	3008M25x6	TTL075
CRDCN 4040 S12CV	40	40	250	38	20	RCGX 1207..	TCK29	2505M6X20	TTRC30003	3008M25x6	TTL075

CRDC



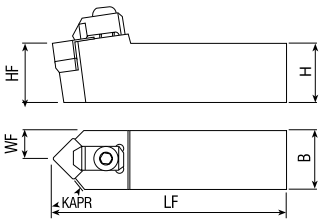


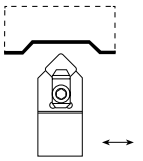


Code Kod	HF=H	B	LF	LU	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	ALLEN KEY
											
CRDCR/L 3225 P06CV	32	25	170	19.4	25.6	RCGX 060600	TCK27	2525M3X14	TTRC30001	3007M22X5	TTL0225
CRDCR/L 3225 P09CV	32	25	170	29	25.8	RCGX 090700	TCK28	2504M5X16	TTRC30002	3008M25x6	TTL054
CRDCR/L 3225 P12CV	32	25	170	38.5	25.9	RCGX 120700	TCK29	2505M6X20	TTRC30003	3008M25x6	TTL075

CSDN



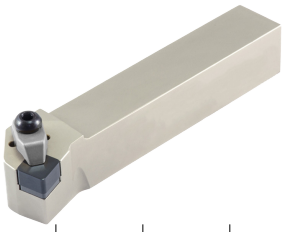


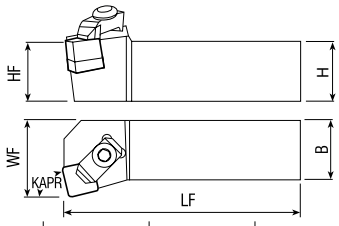


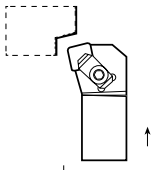
Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	ALLEN KEY
											
CSDNN 2525M1207C	25	25	150	12.5	SN.N 1207..	TCK13	TKV11M8x29	TTSN30004	TTV02M5x12	TCS01	TTL054
CSDNN 3232 P1207C	32	32	170	16	SN.N 1207..	TCK13	TKV11M8x29	TTSN30004	TTV02M5x12	TCS01	TTL054

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

CSKN

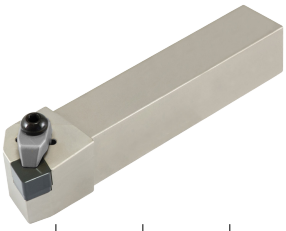


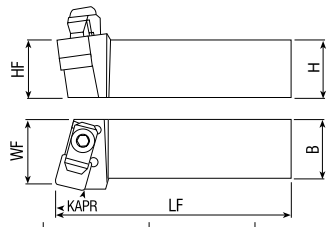


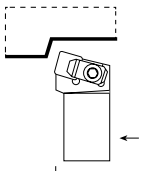


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	ALLEN KEY
											
CSKNR/L 2525M1207C	25	25	150	32	SN.N 1207..	TCK13	TKV11M8x29	TTSN30004	TTV02M5x12	TCS01	TTL054
CSKNR/L 3232 P1207C	32	32	170	40	SN.N 1207..	TCK13	TKV11M8x29	TTSN30004	TTV02M5x12	TCS01	TTL054

CSRN



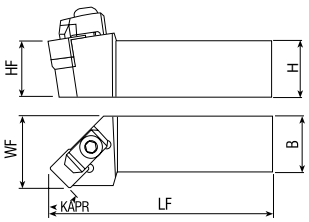


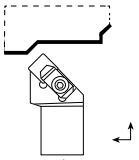


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	ALLEN KEY
											
CSRNR/L 2525M1207C	25	25	150	32	SN.N 1207..	TCK13	TKV11M8x29	TTSN30004	TTV02M5x12	TCS01	TTL054
CSRNR/L 3232 P1207C	32	32	170	40	SN.N 1207..	TCK13	TKV11M8x29	TTSN30004	TTV02M5x12	TCS01	TTL054

CSSN



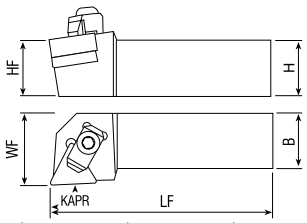


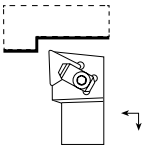


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	ALLEN KEY
											
CSSNR/L 2525M1207C	25	25	150	32	SN.N 1207..	TCK13	TKV11M8x29	TTSN30004	TTV02M5x12	TCS01	TTL054
CSSNR/L 3232 P1207C	32	32	170	40	SN.N 1207..	TCK13	TKV11M8x29	TTSN30004	TTV02M5x12	TCS01	TTL054

CTJN



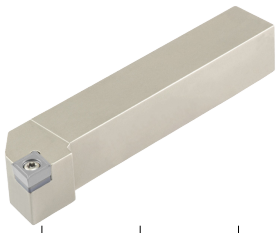


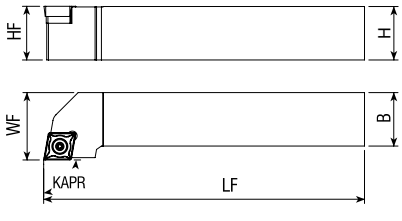


Code Kod	HF=H	B	LF	WF	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	ALLEN KEY
											
CTJNR/L 2525M1207C	25	25	150	32	TN.N 1607..	TCK14	TKV11M8x29	TTTN20002	TTV03M5x12	TCS01	TTL054
CTJNR/L 3232 P1207C	32	32	170	40	TN.N 1607..	TCK14	TKV11M8x29	TTTN20002	TTV03M5x12	TCS01	TTL054

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

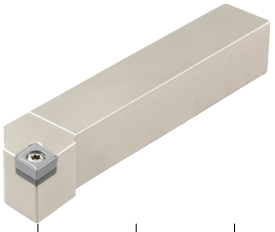
SCAC

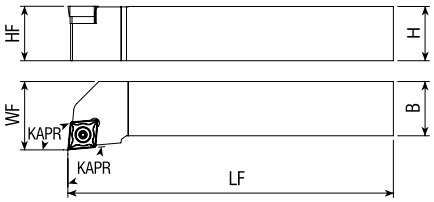




Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SCACR/L 0808 E06	08	08	70	10	CCM. 0602..	4008-M2.5x6	-	-	80-T08
SCACR/L 1010 E06	10	10	70	12	CCM. 0602..	4008-M2.5x6	-	-	80-T08
SCACR/L 1212 F09	12	12	80	16	CC.T 09T3..	4015-M3.5x11	-	-	80-T15
SCACR/L 1616 H09	16	16	100	20	CC.T 09T3..	4015-M3.5x14	TTCN-2-0001	TTV-06-M3.5x11	80-T15
SCACR/L 2020 K09	20	20	125	25	CC.T 09T3..	4015-M3.5x14	TTCN-2-0001	TTV-06-M3.5x11	80-T15
SCACR/L 2020 K12	20	20	125	25	CC.T 1204..	1020-M4.5x16	TTCN-2-0003	TTV-07-M4.5x13	80-T20
SCACR/L 2525M12	25	25	150	32	CC.T 1204..	1020-M4.5x16	TTCN-2-0003	TTV-07-M4.5x13	80-T20

SCLC



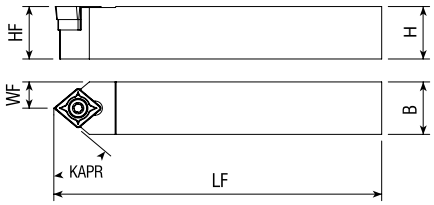


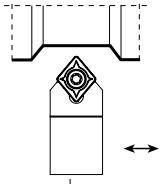
Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SCLCR/L 0808 E06	08	08	70	10	CCM. 0602..	4008-M2.5x6	-	-	80-T08
SCLCR/L 1010 E06	10	10	70	12	CCM. 0602..	4008-M2.5x6	-	-	80-T08
SCLCR/L 1212 F06	12	12	80	16	CCM. 0602..	4008-M2.5x6	-	-	80-T08
SCLCR/L 1010 E09	10	10	70	12	CC T 09T3	4015-M3x9	-	-	80-T15
SCLCR/L 1212 F09	12	12	80	16	CC T 09T3	4015-M3.5x11	-	-	80-T15
SCLCR/L 1616 H09	16	16	100	20	CC T 09T3	4015-M3.5x14	-	TTV-06-M3 5x11	80-T15
SCLCR/L 2020 K09	20	20	125	25	CC T 09T3	4015-M3.5x14	TTCN-2-0001	TTV-06-M3 5x11	80-T15
SCLCR/L 2525 M09	25	25	150	32	CC T 09T3	4015-M3.5x14	TTCN-2-0001	TTV-06-M3 5x11	80-T15
SCLCR/L 1616 H12	16	16	100	20	CC.T 1204..	1020-M5x11	-	-	80-T20
SCLCR/L 2020 K12	20	20	125	25	CC.T 1204..	1020-M4 5x16	TTCN-2-0003	TTV-07-M4.5x13	80-T20
SCLCR/L 2525M12	25	25	150	32	CC.T 1204..	1020-M4 5x16	TTCN-2-0003	TTV-07-M4.5x13	80-T20

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

SCMC



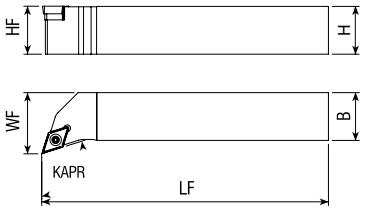


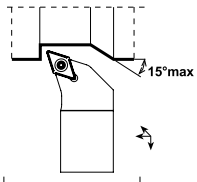


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SCMCN 0808 E06	08	08	70	04	CCM. 0602..	4008-M2.5x6	-	-	80-T08
SCMCN 1010 E06	10	10	70	05	CCM. 0602..	4008-M2.5x6	-	-	80-T08
SCMCN 1212 F06	12	12	80	06	CCM. 0602..	4008-M2.5x6	-	-	80-T08
SCMCN 1212 F09	12	12	80	06	CC.T 0913..	4015-M3.5x11	-	-	80-T15
SCMCN 1616 H09	16	16	100	08	CC.T 0913..	4015-M3.5x14	TTCN-2-0001	TTV-06-M3.5x11	80-T15
SCMCN 2020 K12	20	20	125	10	CC.T 1204..	1020-M4.5x16	TTCN-2-0003	TTV-07-M4.5x13	80-T20
SCMCN 2525M12	25	25	150	12.5	CC.T 1204..	1020-M4.5x16	TTCN-2-0003	TTV-07-M4.5x13	80-T20

SDHC



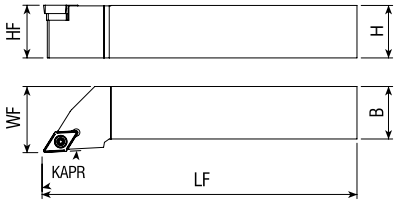


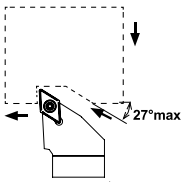


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SDHCR/L 0808 E07	08	08	70	11	DC.T 0702..	4008-M2.5x6	-	-	80-T08
SDHCR/L 1010 E07	10	10	70	12	DC.T 0702..	4008-M2.5x6	-	-	80-T08
SDHCR/L 1212 F07	12	12	80	16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
SDHCR/L 1616 H07	16	16	100	20	DC.T 0702..	4008-M2.5x6	-	-	80-T08
SDHCR/L 1616 H11	16	16	100	20	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDHCR/L 2020 K11	20	20	125	25	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDHCR/L 2525M11	25	25	150	32	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDHCR/L 3232 P11	32	32	170	40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15

SDJC





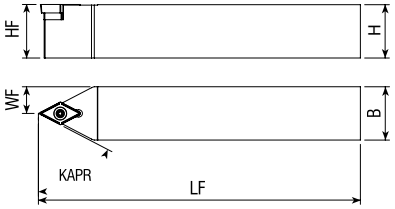


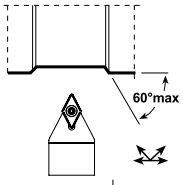
Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SDJCR/L 0808 E07	08	08	70	10	DC.T 0702..	4008-M2.5X6	-	-	80-T08
SDJCR/L 1010 E07	10	10	70	12	DC.T 0702..	4008-M2.5X6	-	-	80-T08
SDJCR/L 1212 F07	12	12	80	16	DC.T 0702..	4008-M2.5X6	-	-	80-T08
SDJCR/L 1616 H07	16	16	100	20	DC.T 0702..	4008-M2.5X6	-	-	80-T08
SDJCR/L 1616 H11	16	16	100	20	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDJCR/L 2020 K11	20	20	125	25	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDJCR/L 2525M11	25	25	150	32	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDJCR/L 3232 P11	32	32	170	40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

SDNC

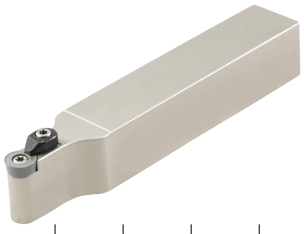


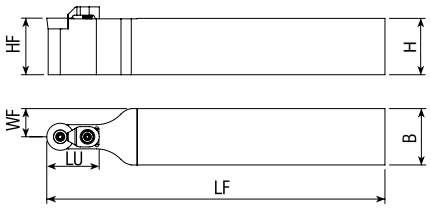


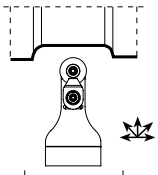


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SDNCN 0808E07	08	08	70	4	DC.T 0702..	4008-M2.5X6	-	-	80-T08
SDNCN 1010 E07	10	10	70	5	DC.T 0702..	4008-M2.5X6	-	-	80-T08
SDNCN 1212 F07	12	12	80	6	DC.T 0702..	4008-M2.5X6	-	-	80-T08
SDNCN 1616 H07	16	16	100	8	DC.T 0702..	4008-M2.5X6	-	-	80-T08
SDNCN 1616 H11	16	16	100	8	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDNCN 2020 K11	20	20	125	10	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDNCN 2525M11	25	25	150	12.5	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
SDNCN 3232 P11	32	32	170	16	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15

SRDCN





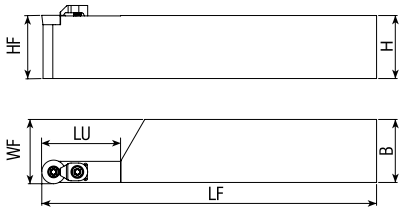


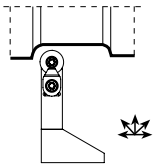
Code Kod	HF=H	B	LF	LU	WF	INSERT	SCREW	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	TORX KEY
SRDCN 1616H06	16	16	100	15	8	RC.T 0602..	3008-M2.5x6	-	-	-	-	80-T08
SRDCN 2020 K06	20	20	125	17	10	RC.T 0602..	3008-M2.5x6	-	-	-	-	80-T08
SRDCN 2525 M06	25	25	150	17	12.5	RC.T 0602..	3008-M2.5x6	-	-	-	-	80-T08
SRDCN 1616 H08C	16	16	100	15	8	RC.T 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
SRDCN 2020 K08C	20	20	125	20	10	RC.T 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
SRDCN 2525 M08C	25	25	150	20	12.5	RC.T 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
SRDCN 1616 H10C	16	16	100	20	8	RC.T 10T3..	4015-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRDCN 2020 K10C	20	20	125	20	10	RC.T 10T3..	4015-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRDCN 2525M10C	25	25	150	20	12.5	RC.T 10T3..	4015-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRDCN 3232 P10C	32	32	170	20	16	RC.T 10T3..	4015-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRDCN 2020 K12C	20	20	125	22	10	RC.T 1204..	4015-M3.5x11	TCK-05	4015-M4x11	-	-	80-T15
SRDCN 2525M12C	25	25	150	22	12.5	RC.T 1204..	4015-M3.5x11	TCK-05	4015-M4x11	-	-	80-T15
SRDCN 3232 P12C	32	32	170	22	16	RC.T 1204..	4015-M3.5x11	TCK-05	4015-M4x11	-	-	80-T15
SRDCN 2525M16C	25	25	150	32	12.5	RC.T 1605..	1020-M5x11	TCK-05	4015-M4x11	-	-	80-T15
SRDCN 3232 P16C	32	32	170	35	16	RC.T 1605..	1020-M5x11	TCK-05	4015-M4x11	-	-	80-T15
SRDCN 2525 M20C	25	25	150	32	12.5	RC.T 2006..	1420-M6x16	TCK-09	TTV-05-M6x15	-	-	80-T20
SRDCN 3232 P20C	32	32	170	40	16	RC.T 2006..	1420-M6x16	TCK-09	TTV-05-M6x15	-	-	80-T20
SRDCN 3232 P25C	32	32	170	40	16	RC.T 2507..	1520-M6x16	TCK-09	TTV-05-M6x15	-	-	80-T20
SRDCN 3232 P32C	32	32	170	45	16	RC.T 3209..	1904-M8x1x20	TCK-09	TTV-05-M6x15	-	-	AAL-05-4

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

SRDCR/L



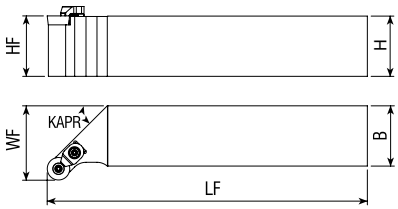


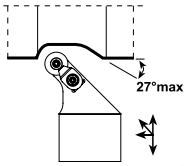


Code Kod	HF=H	B	LF	LU	WF	INSERT	SCREW	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	TORX KEY
SRDCR/L 3232 T06	32	32	300	20	32.35	RC.T 0602..	3008-M2.5x6	-	-	-	-	80-T08
SRDCR/L 3232 P12C	32	32	170	40	32.65	RC.T 1204..	4015-M3.5x11	TCK-05	4015-M4x11	-	-	80-T15

SRGC



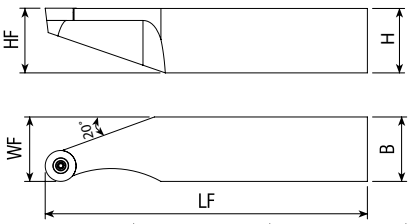


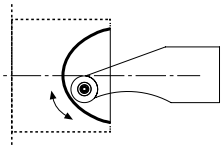


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	TORX KEY
SRGCR/L 1616 H06	16	16	100	20	RC.I 0602..	3008-M2.5x6	-	-	-	-	80-T08
SRGCR/L 2020 K06	20	20	125	25	RC.I 0602..	3008-M2.5x6	-	-	-	-	80-T08
SRGCR/L 1616 H08C	16	16	100	20	RC.T 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
SRGCR/L 2020 K08C	20	20	125	25	RC.T 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
SRGCR/L 2525 M08C	25	25	150	32	RC.T 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
SRGCR/L 1616 H10C	16	16	100	20	RC.T 10T3..	4015-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRGCR/L 2020 K10C	20	20	125	25	RC.T 10T3..	4015-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRGCR/L 2525M10C	25	25	150	32	RC.T 10T3..	4015-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRGCR/L 3232 P10C	32	32	170	40	RC.T 10T3..	4015-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRGCR/L 2020 K12C	20	20	125	25	RC.T 1204..	4015-M3.5x11	TCK-05	4015-M4x11	-	-	80-T15
SRGCR/L 2525M12C	25	25	150	32	RC.T 1204..	4015-M3.5x11	TCK-05	4015-M4x11	-	-	80-T15
SRGCR/L 3232 P12C	32	32	170	40	RC.T 1204..	4015-M3.5x11	TCK-05	4015-M4x11	-	-	80-T15

SRHC





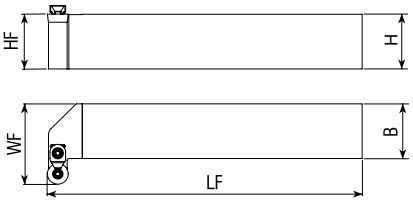


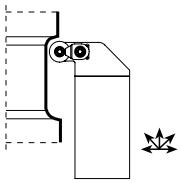
Code Kod	HF=H	B	LF	WF	MIN R	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SRHCR/L 2525 K06	25	25	125	25	32.5	RCM. 0602..	3008-M2.5x6	-	-	80-T08
SRHCR/L 2525 K08	25	25	125	25	32.5	RCM. 0803..	3008-M3x8	-	-	80-T08
SRHCR/L 2525 K10	25	25	125	25	36	RCM. 10T3..	4015-M3.5x11	-	-	80-T15
SRHCR/L 2525 K12	25	25	125	25	40	RCM. 1204..	4015-M3.5x11	-	-	80-T15
SRHCR/L 2525 K16	25	25	125	25	47.5	RCM. 1606..	1020-M5x11	-	-	80-T20

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

SRXC



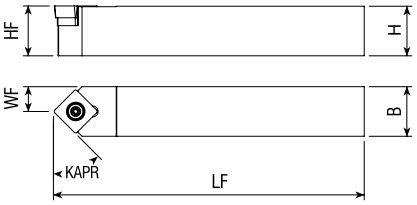


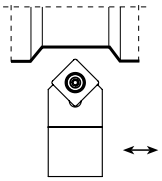


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	TORX KEY
SRXCR/L 3232 X08C	32	32	220	47	RC.T 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
SRXCR/L 3232 X10C	32	32	220	47	RC.T 10T3..	401D-M3.5x11	TCK-15	4015-M3.5x11	-	-	80-T15
SRXCR/L 3232 X12C	32	32	220	47	RC.T 1204..	401D-M3.5x11	TCK-05	4015-M4x11	-	-	80-T15

SSDC



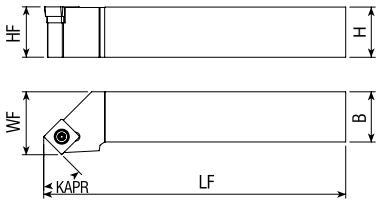


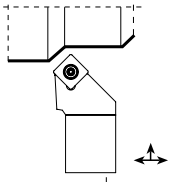


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SSDCN 1212F09	12	12	80	6	SC.T 09T3..	4015-M3.5x11	-	-	80-T15
SSDCN 1616 H09	16	16	100	8	SC.T 09T3..	4015-M3.5x14	TTSN-2-0001	TTV-06-M3.5x11	80-T15
SSDCN 2020 K09	20	20	125	10	SC.T 09T3..	4015-M3.5x14	TTSN-2-0001	TTV-06-M3.5x11	80-T15
SSDCN 1616 H12	16	16	100	8	SC.T 1204..	4020-M4.5x12	TTSN-2-0004	TTV-10-M4.5x8	80-T20
SSDCN 2020 K12	20	20	125	10	SC.T 1204..	1020-M4.5x16	TTSN-2-0004	TTV-07-M4.5x13	80-T20
SSDCN 2525M12	25	25	150	12.5	SC.T 1204..	1020-M4.5x16	TTSN-2-0004	TTV-07-M4.5x13	80-T20

SSSC





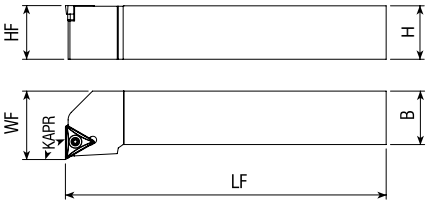


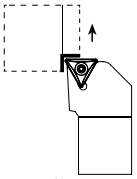
Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SSSCR/L 1212 F09	12	12	80	16	SC.T 09T3..	4015-M3.5x11	-	-	80-T15
SSSCR/L 1616 H09	16	16	100	20	SC.T 09T3..	4015-M3.5x14	TTSN-2-0001	TTV-06-M3.5x11	80-T15
SSSCR/L 2020 K09	20	20	125	25	SC.T 09T3..	4015-M3.5x14	TTSN-2-0001	TTV-06-M3.5x11	80-T15
SSSCR/L 1616 H12	16	16	100	20	SC.T 1204..	4020-M4.5x12	TTSN-2-0004	TTV-10-M4.5x8	80-T20
SSSCR/L 2020 K12	20	20	125	25	SC.T 1204..	1020-M4.5x16	TTSN-2-0004	TTV-07-M4.5x13	80-T20
SSSCR/L 2525M12	25	25	150	32	SC.T 1204..	1020-M4.5x16	TTSN-2-0004	TTV-07-M4.5x13	80-T20

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

STFC



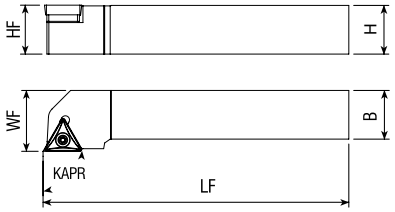


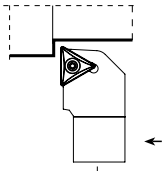


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
									
STFCR/L 0808 E09	08	08	70	10	TC.T 0902..	3007-M2.2x5	-	-	80-T07
STFCR/L 1010 E09	10	10	70	12	TC.T 0902..	3007-M2.2x5	-	-	80-T07
STFCR/L 1212 F11	12	12	80	16	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STFCR/L 1616 H11	16	16	100	20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STFCR/L 1616 H16	16	16	100	20	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STFCR/L 2020 K16	20	20	125	25	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STFCR/L 2525M16	25	25	150	32	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STFCR/L 3232 P16	32	32	170	40	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15

STGC



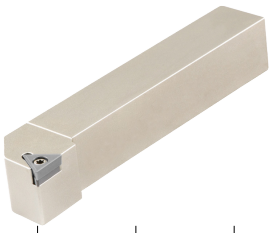


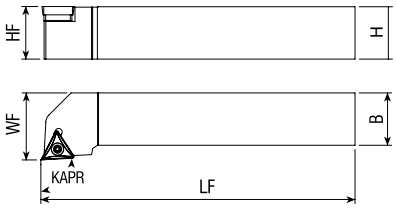


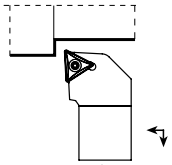
Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
									
STGCR/L 0808 E09	08	08	70	10	TC.T 0902..	3007-M2.2x5	-	-	80-T07
STGCR/L 1010 E09	10	10	70	12	TC.T 0902..	3007-M2.2x5	-	-	80-T07
STGCR/L 1212 F11	12	12	80	16	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STGCR/L 1616 H11	16	16	100	20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STGCR/L 1616 H16	16	16	100	20	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STGCR/L 2020 K16	20	20	125	25	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STGCR/L 2525M16	25	25	150	32	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STGCR/L 3232 P16	32	32	170	40	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

STJC

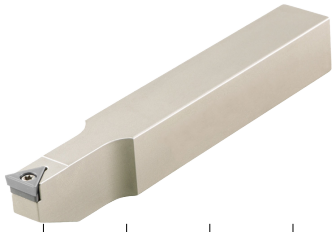


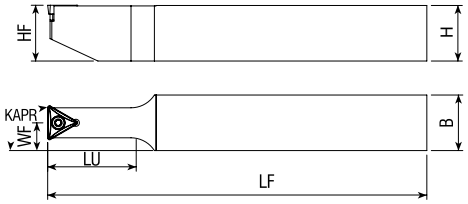


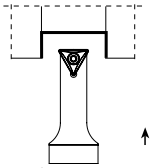


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
STJCR/L 0808 E09	08	08	70	10	TCT 0902..	3007-M2.2x5	-	-	80-T07
STJCR/L 1010 E09	10	10	70	12	TCT 0902..	3007-M2.2x5	-	-	80-T07
STJCR/L 1212 F11	12	12	80	16	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STJCR/L 1616 H11	16	16	100	20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STJCR/L 1616 H16	16	16	100	20	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STJCR/L 2020 K16	20	20	125	25	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STJCR/L 2525 M16	25	25	150	32	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STJCR/L 3232 P16	32	32	170	40	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15

STCC



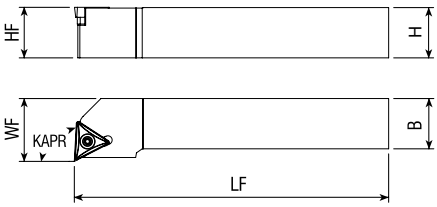


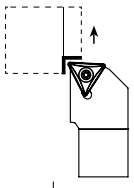


Code Kod	HF=H	B	LF	LU	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
STCCN 2020 L11	20	20	140	10	50	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STCCN 1616 K16	16	16	125	8	24	TC.T 1102..	4008-M2.5x6	-	-	80-T15
STCCN 2020 M16	20	20	150	10	30	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STCCN 2525 P16	25	25	170	12.5	37.5	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STCCN 3232 R16	32	32	200	16	48	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STCCN 2525 P22	25	25	170	12.5	80	TC.T 2204..	4020-M4.5x12	-	-	80-T20

STUC





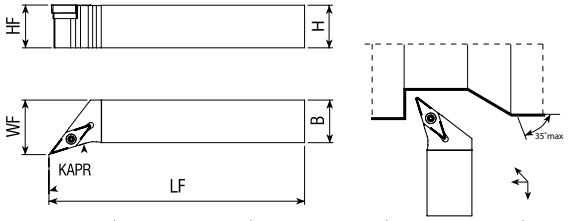


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
STUCR/L 0808 E09	08	08	70	10	TC.T 0902..	3007-M2.2x5	-	-	80-T07
STUCR/L 1010 E09	10	10	70	12	TC.T 0902..	3007-M2.2x5	-	-	80-T07
STUCR/L 1212 F11	12	12	80	16	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STUCR/L 1616 H11	16	16	100	20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
STUCR/L 1616 H16	16	16	100	20	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STUCR/L 2020 K16	20	20	125	25	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STUCR/L 2525M16	25	25	150	32	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
STUCR/L 3232 P16	32	32	170	40	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

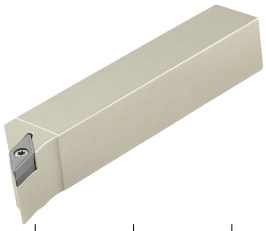
SVHB

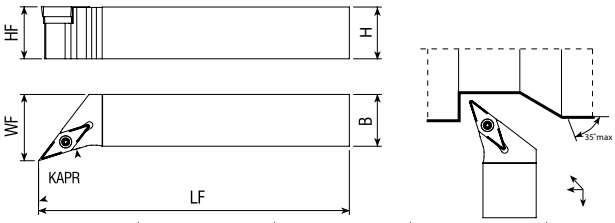




Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SVHBR/L 1212 F11	12	12	80	16	VBM. 1103..	4008-M2.5x6	-	-	80-T08
SVHBR/L 1616 H11	16	16	100	20	VBM. 1103..	4008-M2.5x6	-	-	80-T08
SVHBR/L 2020 K11	20	20	125	25	VBM. 1103..	4008-M2.5x6	-	-	80-T08
SVHBR/L 2020 K16	20	20	125	25	VB.T1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVHBR/L 2525M16	25	25	150	32	VB.T1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVHBR/L 3232 P16	32	32	170	40	VB.T1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

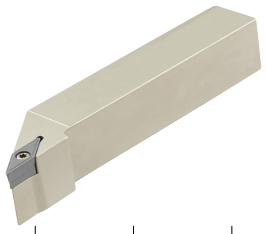
SVHC

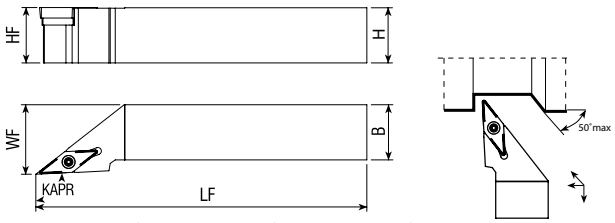




Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SVHCR/L 1212 F11	12	12	80	16	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVHCR/L 1616 H11	16	16	100	20	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVHCR/L 2020 K11	20	20	125	25	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVHCR/L 2020 K16	20	20	125	25	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVHCR/L 2525 M16	25	25	150	32	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVHCR/L 3232 P16	32	32	170	40	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

SVJB

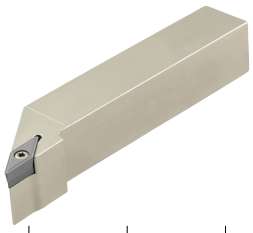


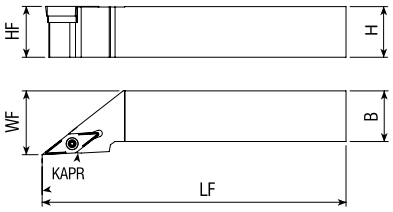


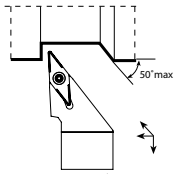
Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SVJBR/L 1212 F11	12	12	80	16	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVJBR/L 1616 H11	16	16	100	20	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVJBR/L 2020 K11	20	20	125	25	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVJBR/L 1616 H16	16	16	100	20	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVJBR/L 2020 K16	20	20	125	25	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVJBR/L 2525 M16	25	25	150	32	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVJBR/L 3232 P16	32	32	170	40	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

INSERT HOLDERS NOŻE TOKARSKIE ZEWNĘTRZNE

SVJC



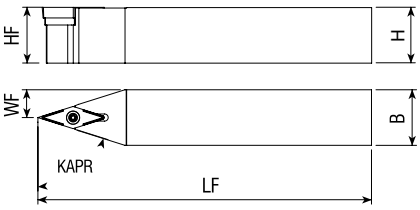


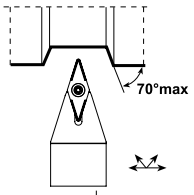


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SVJCR/L 1212 F11	12	12	80	16	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVJCR/L 1616 H11	16	16	100	20	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVJCR/L 2020 K11	20	20	125	25	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVJCR/L 2525M11	25	25	150	32	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVJCR/L 1212 F16	12	12	80	16	VC.T 1604..	4015-M3.5x11	-	-	80-T15
SVJCR/L 2020 K16	20	20	125	25	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVJCR/L 2525M16	25	25	150	32	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVJCR/L 3232 P16	32	32	170	40	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

SVVB



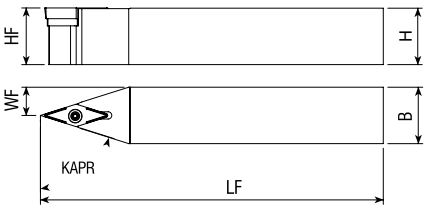


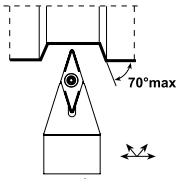


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SVVBN 1212 F11	12	12	80	06	VBM. 1103..	4008-M2.5x6	-	-	80-T08
SVVBN 1616 H11	16	16	100	08	VBM. 1103..	4008-M2.5x6	-	-	80-T08
SVVBN 2020 K11	20	20	125	10	VBM. 1103..	4008-M2.5x6	-	-	80-T08
SVVBN 2020 K16	20	20	125	10	VB.T1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVVBN 2525M16	25	25	150	12.5	VB.T1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVVBN 3232 P16	32	32	170	16	VB.T1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

SVVC



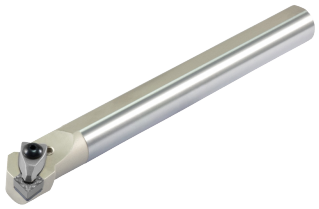


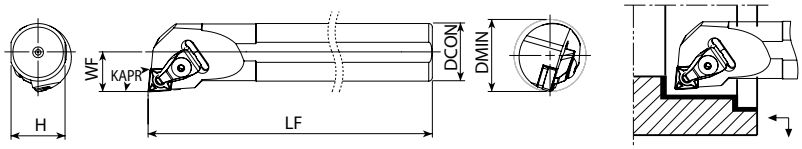


Code Kod	HF=H	B	LF	WF	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
SVVCN 1212 F11	12	12	80	06	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVVCN 1616 H11	16	16	100	08	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVVCN 2020 K11	20	20	125	10	VC.T 1103..	4008-M2.5x6	-	-	80-T08
SVVCN 2020 K16	20	20	125	10	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVVCN 2525 M16	25	25	150	12.5	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
SVVCN 3232 P16	32	32	170	16	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

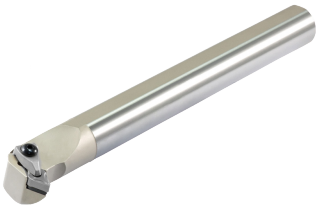
TCLN

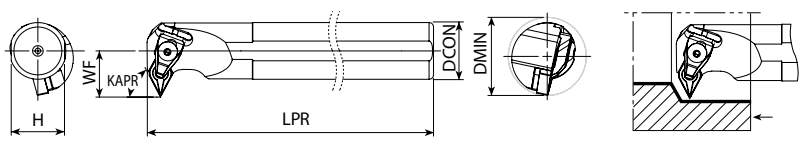




Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
S25S TCLNR/L 09	25	23	250	17	≥32	CNM. 0903..	TTK-01	TKV-01-M5x22	TTCN -2-0001	TTV-09-M5x9	-	TBPL-01	TTL-03-3
S25S TCLNR/L 12	25	23	250	17	≥32	CNM 1204	TTK-02	TKV-30-M6v22	TTCN -3-0001	TTV-13-M5x8	TS-01	TBPL-01	TTL-03-3
S32T TCLNR/L 12	32	30	300	22	≥40	CNM 1204	TTK-02	TKV-30-M6v22	TTCN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S40U TCLNR/L 12	40	37.5	350	27	≥50	CNM 1204	TTK-02	TKV-30-M6v22	TTCN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S50V TCLNR/L 12	50	47	400	35	≥63	CNM 1204	TTK-02	TKV-30-M6v22	TTCN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S32T TCLNR/L 16	32	30	300	22	≥40	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN -3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
S40U TCLNR/L 16	40	37.5	350	27	≥50	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN -3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4
S50V TCLNR/L 16	50	47	400	35	≥63	CNM. 1606..	TTK-04	TKV-19-M7x25	TTCN -3-0002	TTV-05-M6x15	TS-02	TBPL-02	TTL-05-4

TD-N

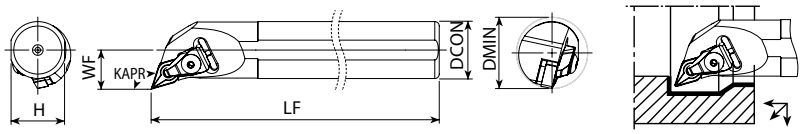




Code Kod	DCON	H	LPR	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
S32T TD-NR/L 15	32	30	300	26	≥44	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S40U TD-NR/L 15	40	37.5	350	29	≥52	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S50V TD-NR/L 15	50	47	400	35	≥63	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

TDQN

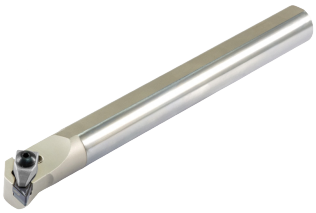


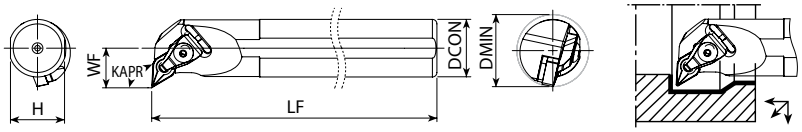


Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
S25S TDQNR/L 11	25	23	250	17	≥32	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN -2-0001	TTV-09-M5x9	-	TBPL-01	TTL-03-3
S32T TDQNR/L 11	32	30	300	22	≥40	DNM. 1104..	TTK-01	TKV-01-M5x22	TTDN -2-0001	TTV-04-M5x12	-	TBPL-01	TTL-03-3
S25S TDQNR/L 15	25	23	250	17	≥32	DNM. 1506..	TTK-02	TKV-30-M6X22	TTDN-3-0001	TTV-13-M5X8	TS-01	TBPL-01	TTL-03-3
S32T TDQNR/L 15	32	30	300	22	≥40	DNM. 1506..	TTK-02	TKV-30-M6X22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S40U TDQNR/L 15	40	37.5	350	27	≥50	DNM. 1506..	TTK-02	TKV-30-M6X22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S50V TDQNR/L 15	50	47	400	35	≥63	DNM. 1506..	TTK-02	TKV-30-M6X22	TTDN-3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

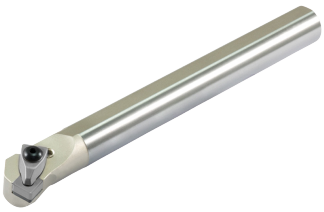
TDUN

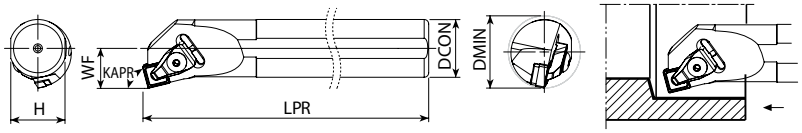




Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
S25S TDUNR/L 11	25	23	250	17	≥32	DNM. 1104..	TTK-01	TKV-U1-M5X22	TTDN -2-0001	TTV-09-M5x9	-	TBPL-01	TTL-03-3
S32T TDUNR/L 11	32	30	300	22	≥40	DNM. 1104..	TTK-01	TKV-U1-M5X22	TTDN -2-0001	TTV-04-M5x12	-	TBPL-01	TTL-03-3
S25S TDUNR/L 15	25	23	250	17	≥32	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN -3-0001	TTV-13-M5x8	TS-01	TBPL-01	TTL-03-3
S32T TDUNR/L 15	32	30	300	22	≥40	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S40U TDUNR/L 15	40	37.5	350	27	≥50	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S50V TDUNR/L 15	50	47	400	35	≥63	DNM. 1506..	TTK-02	TKV-30-M6x22	TTDN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

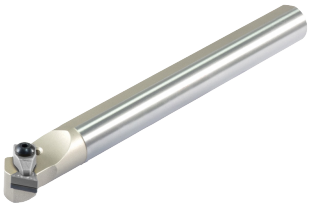
TSKN

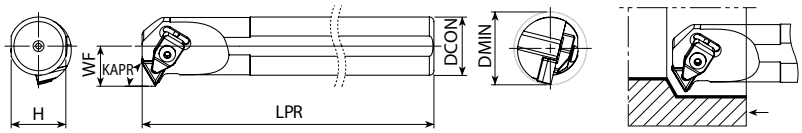




Code Kod	DCON	H	LPR	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
S25S TSKNR/L 12	25	23	250	17	≥32	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN -3-0004	TTV-13-M5x8	TS-01	TBPL-01	TTL-03-3
S32T TSKNR/L 12	32	30	300	22	≥40	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN -3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S40U TSKNR/L 12	40	37.5	350	27	≥50	SNM. 1204..	TTK-02	TKV-30-M6x22	TTSN -3-0004	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

TT-N



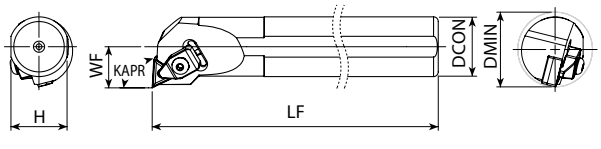


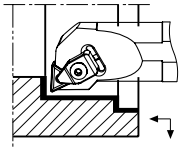
Code Kod	DCON	H	LPR	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
S25S TT-NR/L 16	25	23	250	17	≥32	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
S32T TT-NR/L 16	32	30	300	22	≥40	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN-2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

TTUN

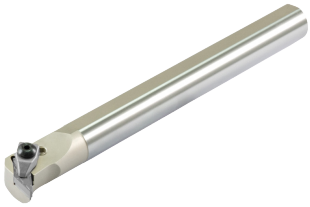


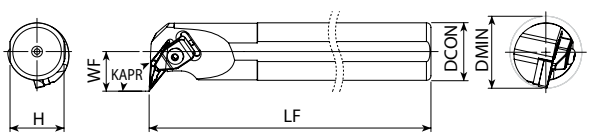


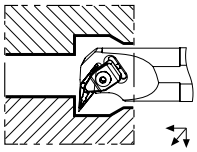


Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
													
S25S TTUNR/L 16	25	23	250	17	≥32	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN -2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
S32T TTUNR/L 16	32	30	300	22	≥40	TNM. 1604..	TTK-01	TKV-01-M5x22	TTTN -2-0002	TTV-03-M5x12	-	TBPL-01	TTL-03-3
S25S TTUNR/L 22	25	23	250	17	≥32	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN -3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S32T TTUNR/L 22	32	30	300	22	≥40	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN -3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S40U TTUNR/L 22	40	37.5	350	27	≥50	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN -3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S50V TTUNR/L 22	50	47	400	35	≥63	TNM. 2204..	TTK-02	TKV-30-M6x22	TTTN -3-0015	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

TVUN



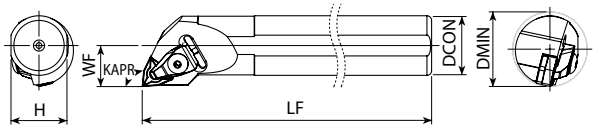


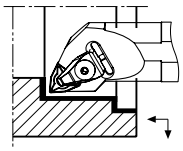


Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	SPRING	STAMP	ALLEN KEY
													
S25S TVUNR/L 16	25	23	250	20	≥36	VNM. 1604..	TTK-01	TKV-01-M5x22	TTVN -2-0002	TTV-04-M5x12	-	TBPL-01	TTL-03-3
S32T TVUNR/L 16	32	30	300	22	≥40	VNM. 1604..	TTK-01	TKV-01-M5x22	TTVN -2-0002	TTV-04-M5x12	-	TBPL-01	TTL-03-3
S40U TVUNR/L 16	40	37.5	350	27	≥50	VNM. 1604..	TTK-01	TKV-01-M5x22	TTVN -2-0002	TTV-04-M5x12	-	TBPL-01	TTL-03-3

TWLN





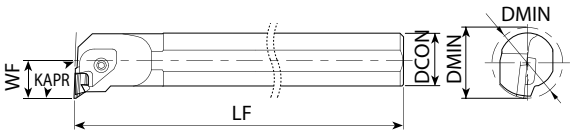


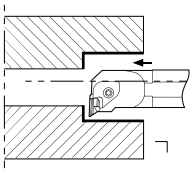
Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	RING	STAMP	ALLEN KEY
													
S25S TWLNR/L 06	25	23	250	17	≥32	WNM. 0604..	TTK-01	TKV-01-M5x22	TTWN -SW317	TTV-01-M3x10	-	TBPL-01	TTL-03-3
S32T TWLNR/L 06	32	30	300	22	≥40	WNM. 0604..	TTK-01	TKV-01-M5x22	TTWN -SW317	TTV-01-M3x10	-	TBPL-01	TTL-03-3
S25S TWLNR/L 08	25	23	250	17	≥32	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN -3-0001	TTV-13-M5x8	TS-01	TBPL-01	TTL-03-3
S32T TWLNR/L 08	32	30	300	22	≥40	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S40U TWLNR/L 08	40	37.5	350	27	≥50	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
S50V TWLNR/L 08	50	47	400	35	≥63	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
A40T TWLNR/L 08	40	37.5	300	27	≥50	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3
A50U TWLNR/L 08	50	47	350	35	≥63	WNM. 0804..	TTK-02	TKV-30-M6x22	TTWN -3-0001	TTV-02-M5x12	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

CKUN





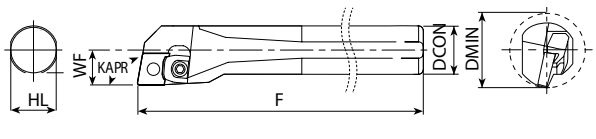


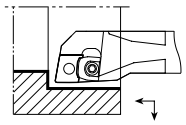
Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	SPRING	STAMP	ALLENKEY
													
S25S CKUNR/L 16	25	23	250	19	≥38	KNUX 1604..	TCK-01-R TCK-02-L	TKV-06-M6x20	TKS-16-R TKS-16-L	TTV-01-M3x10	TKY-02	TBPL-01	TTL-05-4
S32T CKUNR/L 16	32	30	300	22	≥40	KNUX 1604..	TCK-01-R TCK-02-L	TKV-06-M6x20	TKS-16-R TKS-16-L	TTV-01-M3x10	TKY-02	TBPL-01	TTL-05-4
S40U CKUNR/L 16	40	37.5	350	27	≥50	KNUX 1604..	TCK-01-R TCK-02-L	TKV-06-M6x20	TKS-16-R TKS-16-L	TTV-01-M3x10	TKY-02	TBPL-01	TTL-05-4
S50V CKUNR/L 16	50	47	400	35	≥63	KNUX 1604..	TCK-01-R TCK-02-L	TKV-06-M6x20	TKS-16-R TKS-16-L	TTV-01-M3x10	TKY-02	TBPL-01	TTL-05-4

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

MCLN



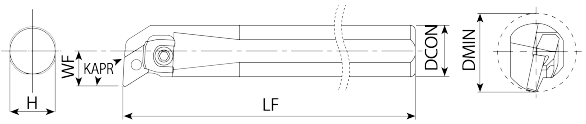


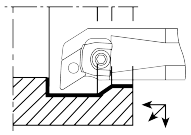


Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	STAMP	ALLEN KEY
												
S20R MCLNR/L 12	20	18.3	200	13	≥25	CNM. 1204..	TMK-07	TKV-04-M5x17	-	TPM-12	-	TTL-03-3
S25S MCLNR/L 12	25	23	250	17	≥32	CNM. 1204..	TMK-03	TKV-04-M5x17	TTCN-3-0001	TPM-13	-	TTL-03-3
S32T MCLNR/L 12	32	30	300	22	≥40	CNM. 1204..	TMK-03	TKV-04-M5x17	TTCN-3-0001	TPM-04	-	TTL-03-3

MDUN



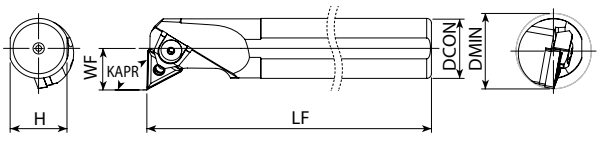


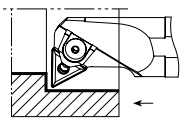


Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
													
S20R MDUNR/L 11	20	18.3	200	13	≥25	DNM. 1104..	TMK-03	TKV-17-M5x15	-	-	TPM-03	-	TTL-03-3
S25S MDUNR/L 11	25	23	250	17	≥32	DNM. 1104..	TMK-03	TKV-04-M5x17	-	-	TPM-03	-	TTL-03-3
S32T MDUNR/L 11	32	30	300	22	≥40	DNM. 1104..	TMK-03	TKV-04-M5x17	-	-	TPM-03	-	TTL-03-3
S25S MDUNR/L 15	25	23	250	17	≥32	DNM. 1506..	TMK-04	TKV-20-M6x19	TTDN-3-0001	-	TPM-04	TBPL-01	TTL-03-3
S32T MDUNR/L 15	32	30	300	22	≥40	DNM. 1506..	TMK-04	TKV-30-M6x22	TTDN-3-0001	TS-01	TPM-04	TBPL-01	TTL-03-3
S40U MDUNR/L 15	40	37.5	350	27	≥50	DNM. 1506..	TMK-04	TKV-30-M6x22	TTDN-3-0001	TS-01	TPM-04	TBPL-01	TTL-03-3
S50V MDUNR/L 15	50	47	400	35	≥63	DNM. 1506..	TMK-04	TKV-30-M6x22	TTDN-3-0001	TS-01	TPM-04	TBPL-01	TTL-03-3

MTFN





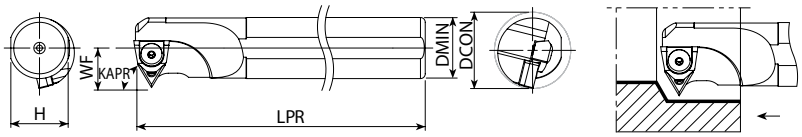


Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
													
S20R MTFNR/L 16	20	18.3	200	14	≥25	TNM. 1604..	TMK-02	TKV-17-M5x15	-	TPM-03	-	-	TTL-03-3
S25S MTFNR/L 16	25	23	250	17	≥32	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-14	TS-01	TBPL-01	TTL-03-3
S32T MTFNR/L 16	32	30	300	22	≥40	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
S40U MTFNR/L 16	40	37.5	350	27	≥50	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
S32T MTFNR/L 22	32	30	300	22	≥40	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
S40U MTFNR/L 22	40	37.5	350	27	≥50	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
S50V MTFNR/L 22	50	47	400	35	≥63	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

MT-N

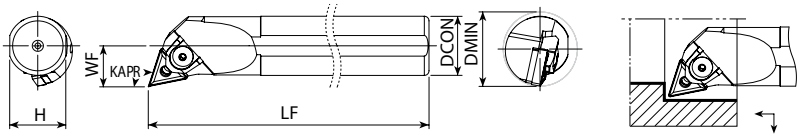




Code Kod	DCON	H	LPR	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
S20R MT-NR/L 16	20	18.3	200	16	≥26	TNM. 1604..	TMK-02	TKV-04-M5x17	-	TPM-03	-	-	TTL-03-3
S25S MT-NR/L 16	25	23	250	17	≥32	TNM. 1604..	TMK-02	TKV-04-M5x17	TTTN-2-0002	TPM-14	-	-	TTL-03-3
S32T MT-NR/L 16	32	30	300	22	≥40	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
S40U MT-NR/L 16	40	37.5	350	27	≥50	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
S32T MT-NR/L 22	32	30	300	24	≥40	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
S40U MT-NR/L 22	40	37.5	350	27	≥50	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
S50U MT-NR/L 22	50	47	350	35	≥63	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3

MTQN

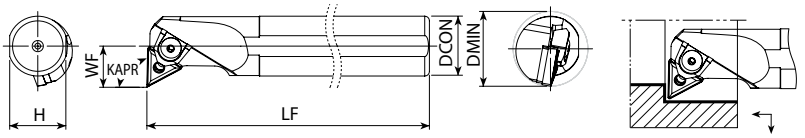




Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
S20R MTQNR/L 16	20	18.3	200	13	≥25	TNM. 1604..	TMK-02	TKV-17-M5x15	-	TPM-11	-	-	TTL-03-3
S25S MTQNR/L 16	25	23	250	17	≥32	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-14	TS-01	TBPL-01	TTL-03-3
S32T MTQNR/L 16	32	30	300	22	≥40	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-14	TS-01	TBPL-01	TTL-03-3
S40U MTQNR/L 16	40	37.5	350	27	≥50	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
S32T MTQNR/L 22	32	30	300	22	≥40	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
S40U MTQNR/L 22	40	37.5	350	27	≥50	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
S50V MTQNR/L 22	50	47	400	35	≥63	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3

MTUN



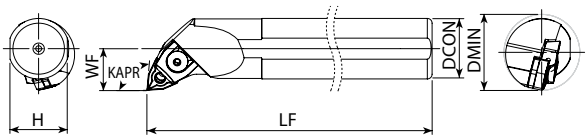


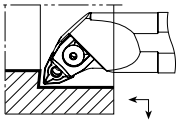
Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
S20R MTUNR/L 16	20	18.3	200	13	≥25	TNM. 1604..	TMK-02	TKV-17-M5x15	-	TPM-03	-	-	TTL-03-3
S25S MTUNR L 16	25	23	250	17	≥32	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-14	TS-01	TBPL-01	TTL-03-3
S32T MTUNR/L 16	32	30	300	22	≥40	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
S40U MTUNR/L 16	40	37.5	350	27	≥50	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
S50V MTUNR/L 16	50	47	400	35	≥63	TNM. 1604..	TMK-04	TKV-30-M6x22	TTTN-2-0002	TPM-01	TS-01	TBPL-01	TTL-03-3
S32T MTUNR/L 22	32	30	300	22	≥40	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
S40U MTUNR/L 22	40	37.5	350	27	≥50	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3
S50V MTUNR/L 22	50	47	400	35	≥63	TNM. 2204..	TMK-04	TKV-30-M6x22	TTTN-3-0015	TPM-02	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

MWLN





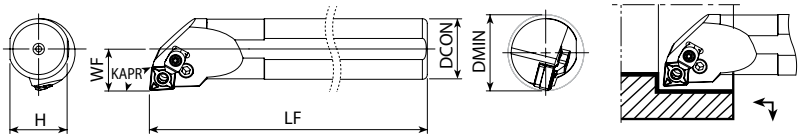


Code Kod	DCON	H	LF	WF	DMIN	INSERT	WEDGE CLAMP	CLAMP SCREW	SHIM	PIN	RING	STAMP	ALLEN KEY
													
S16P MWLNR/L 06	16	14.8	170	11	≥20	WNM. 0604..	TMK-01	TKV-17-M5x15	-	TPM-09	-	-	TTL-03-3
S20R MWLNR/L 06	20	18.3	200	13	≥25	WNM. 0604..	TMK-01	TKV-04-M5x17	-	TPM-10	-	-	TTL-03-3
S25S MWLNR/L 06	25	23	250	17	≥32	WNM. 0604..	TMK-01	TKV-04-M5x17	-	TPM-08	-	-	TTL-03-3
S25S MWLNR/L 08	25	23	250	17	≥32	WNM. 0804..	TMK-05	TKV-27-M6x20	TTWN-3-0001	TPM-04	TS-01	TBPL-01	TTL-03-3
S32T MWLNR/L 08	32	30	300	22	≥40	WNM. 0804..	TMK-05	TKV-03-M6X22	TTWN-3-0001	TPM-02	TS-01	TBPL-01	TTL-03-3
S40U MWLNR/L 08	40	37.5	350	27	≥50	WNM. 0804..	TMK-05	TKV-03-M6X22	TTWN-3-0001	TPM-02	TS-01	TBPL-01	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

PCLN



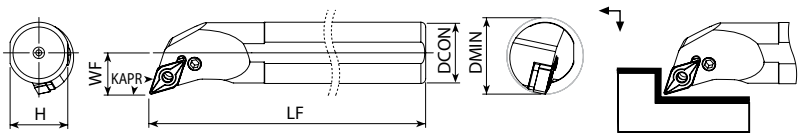


Code Kod	DCON	H	LF	WF	DMIN	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
													
S16P PCLNR/L 09	16	14.8	170	11	≥20	CNM. 0903..	TPL-07	TLV-07-M6x13	-	TTY-07	-	-	TTL-02-2.5
S20R PCLNR/L 09	20	18.3	200	13	≥25	CNM. 0903..	TPL-01	TLV-02-M6x17	TTCN-2-0002	TTY-01	-	-	TTL-02-2.5
S25S PCLNR/L 09	25	23	250	17	≥32	CNM. 0903..	TPL-01	TLV-02-M6x17	TTCN-2-0002	TTY-01	-	-	TTL-02-2.5
S25S PCLNR/L 12C	25	23	250	17	≥32	CNM. 1204..	TPL-02	TLV-08-M8x16	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S32T PCLNR/L 12C	32	30	300	22	≥40	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S40U PCLNR/L 12C	40	37.5	350	27	≥50	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S50V PCLNR/L 12C	50	47	400	35	≥63	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S32T PCLNR/L 16C	32	30	300	22	≥40	CNM. 1606..	TPL-04	TLV-04-M8X22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
S40U PCLNR/L 16C	40	37.5	350	27	≥50	CNM. 1606..	TPL-04	TLV-04-M8X22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
S50V PCLNR/L 16C	50	47	400	35	≥63	CNM. 1606..	TPL-04	TLV-04-M8X22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
S40U PCLNR/L 19C	40	37.5	350	27	≥50	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
S50V PCLNR/L 19C	50	47	400	35	≥63	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
A20P PCLNR/L 09	20	18.3	170	13	≥25	CNM. 0903..	TPL-01	TLV-02-M6x17	TTCN-2-0002	TTY-01	-	-	TTL-02-2.5
A25R PCLNR/L 12C	25	23	200	17	≥32	CNM. 1204..	TPL-02	TLV-08-M8x16	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A32S PCLNR/L 12C	32	30	250	22	≥40	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A40T PCLNR/L 12C	40	37.5	300	27	≥50	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A50U PCLNR/L 12C	50	47	350	35	≥63	CNM. 1204..	TPL-02	TLV-03-M8x19	TTCN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A32S PCLNR/L 16C	32	30	250	22	≥40	CNM. 1606..	TPL-04	TLV-04-M8x22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
A40T PCLNR/L 16C	40	37.5	300	27	≥50	CNM. 1606..	TPL-04	TLV-04-M8x22	TTCN-3-0002	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
A50U PCLNR/L 16C	50	47	350	35	≥63	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TCK-09	TTV-05-M6x15	TTL-05-4
A40T PCLNR/L 19C	40	37.5	300	27	≥50	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TTL-05-4	TTV-05-M6x15	TTL-05-4
A50U PCLNR/L 19C	50	47	350	35	≥63	CNM. 1906..	TPL-05	TLV-05-M10x27	TTCN-3-0003	TTY-04	TTL-05-4	TTV-05-M6x15	TTL-05-4

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

PDQN

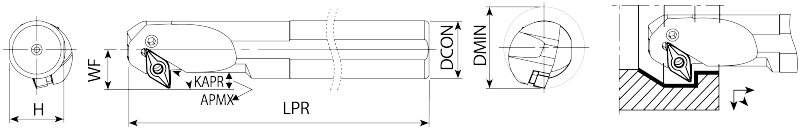




Code Kod	DCON	H	LF	WF	DMIN	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
S20R PDQNR/L 11	20	18.3	200	13	≥25	DNM. 1104..	TPL-01	TLV-01-M6x14	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
S25S PDQNR/L 11	25	23	250	17	≥32	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
S32T PDQNR/L 15	32	30	300	22	≥40	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
S40U PDQNR/L 15	40	37.5	350	27	≥50	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
S50V PDQNR/L 15	50	47	400	35	≥63	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
S32T PDQNR/L 1504	32	30	300	22	≥40	DNM. 1504..	TPL-03	TLV-03-M8x19	TTDN-2-0003	TTY-02	-	-	TTL-03-3
S40U PDQNR/L 1504	40	37.5	350	27	≥50	DNM. 1504..	TPL-03	TLV-03-M8x19	TTDN-2-0003	TTY-02	-	-	TTL-03-3
S50V PDQNR/L 1504	50	47	400	35	≥63	DNM. 1504..	TPL-03	TLV-03-M8x19	TTDN-2-0003	TTY-02	-	-	TTL-03-3
A20P PDQNR/L 11	20	18.3	170	13	≥25	DNM. 1104..	TPL-01	TLV-01-M6x14	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
A25R PDQNR/L 11	25	23	200	17	≥32	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
A32S PDQNR/L 15	32	30	250	22	≥40	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A40T PDQNR/L 15	40	37.5	300	27	≥50	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A50U PDQNR/L 15	50	47	350	35	≥63	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A32S PDQNR/L 1504	32	30	250	22	≥40	DNM. 1504..	TPL-03	TLV-03-M8x19	TTDN-2-0003	TTY-02	-	-	TTL-03-3
A40T PDQNR/L 1504	40	37.5	300	27	≥50	DNM. 1504..	TPL-03	TLV-03-M8x19	TTDN-2-0003	TTY-02	-	-	TTL-03-3

PDXN



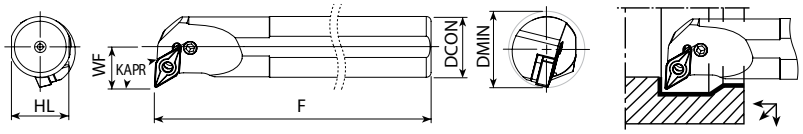


Code Kod	DCON	H	LF	WF	APMX	DMIN	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
S32T PDXNR/L 15	32	30	300	22	12	≥45	DNM. 1506..	TPL-03	TLV-08-M8x16	TTDN-3-0001	TTY-02	-	-	TTL-03-3
S40U PDXNR/L 15	40	37.5	350	27	14	≥50	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
S50V PDXNR/L 15	50	47	400	35	19	≥63	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A32S PDXNR/L 15	32	30	250	22	12	≥40	DNM. 1506..	TPL-03	TLV-08-M8x16	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A40T PDXNR/L 15	40	37.5	300	27	14	≥50	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A50U PDXNR/L 15	50	47	350	35	19	≥63	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

PDUN

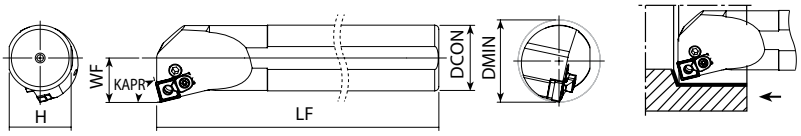




Code Kod	DCON	H	LF	WF	DMIN	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
S20R PDUNR/L 11	20	18.3	200	13	≥25	DNM. 1104..	TPL-01	TLV-01-M6x14	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
S25S PDUNR/L 11	25	23	250	17	≥32	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
S25S PDUNR/L 15	25	23	250	19	≥32	DNM. 1506..	TPL-03	TLV-08-M8x16	TTDN-3-0001	TTY-02	-	-	TTL-03-3
S32T PDUNR/L 15	32	30	300	22	≥40	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
S40U PDUNR/L 15	40	37.5	350	27	≥50	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
S50V PDUNR/L 15	50	47	400	35	≥63	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A20P PDUNR/L 11	20	18.3	170	13	≥25	DNM. 1104..	TPL-01	TLV-01-M6x14	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
A25R PDUNR/L 11	25	23	200	17	≥32	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
A32S PDUNR/L 11	32	30	250	22	≥40	DNM. 1104..	TPL-01	TLV-02-M6x17	TTDN-SD317	TTY-01	-	-	TTL-02-2.5
A32S PDUNR/L 15	32	30	250	22	≥40	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A40T PDUNR/L 15	40	37.5	300	27	≥50	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3
A50U PDUNR/L 15	50	47	350	35	≥63	DNM. 1506..	TPL-03	TLV-03-M8x19	TTDN-3-0001	TTY-02	-	-	TTL-03-3

PSKN



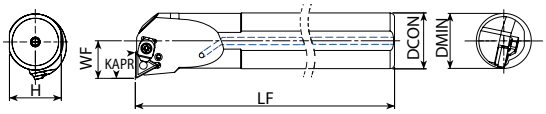


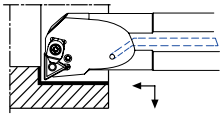
Code Kod	DCON	H	LF	WF	DMIN	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
S25S PSKNR/L 12C	25	23	250	17	≥32	SNM. 1204..	TPL-02	TLV-08-M8x16	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S32T PSKNR/L 12C	32	30	300	22	≥40	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S40U PSKNR/L 12C	40	37.5	350	27	≥50	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S50V PSKNR/L 12C	50	47	400	35	≥63	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S32T PSKNR/L 15C	32	30	300	22	≥40	SNM. 1506..	TPL-04	TLV-04-M8X22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
S40U PSKNR/L 15C	40	37.5	350	27	≥50	SNM. 1506..	TPL-04	TLV-04-M8X22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
S50V PSKNR/L 15C	50	47	400	35	≥63	SNM. 1506..	TPL-04	TLV-04-M8X22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
A25R PSKNR/L 12C	25	23	200	17	≥32	SNM. 1204..	TPL-02	TLV-08-M8x16	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A32S PSKNR/L 12C	32	30	250	22	≥40	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A40T PSKNR/L 12C	40	37.5	300	27	≥50	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A50U PSKNR/L 12C	50	47	350	35	≥63	SNM. 1204..	TPL-02	TLV-03-M8x19	TTSN-3-0004	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A32S PSKNR/L 15C	32	30	250	22	≥40	SNM. 1506..	TPL-04	TLV-04-M8x22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
A40T PSKNR/L 15C	40	37.5	300	27	≥50	SNM. 1506..	TPL-04	TLV-04-M8x22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3
A50U PSKNR/L 15C	50	47	350	35	≥63	SNM. 1506..	TPL-04	TLV-04-M8x22	TTSN-3-0023	TTY-03	TCK-09	TTV-05-M6x15	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

PTFN



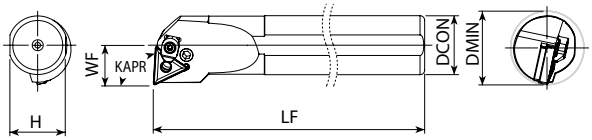


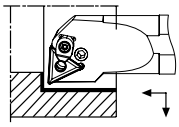


Code Kod	DCON	H	LF	WF	DMIN	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
													
A25R PTFNR/L 16C	25	23	200	17	≥32	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	TCK-05	4015-M4x11	TTL-03-3
A32S PTFNR/L 16C	32	30	250	22	≥40	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	TCK-05	4015-M4x11	TTL-03-3

PTUN





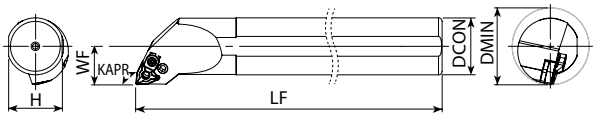


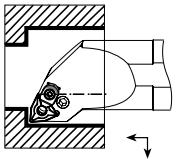
Code Kod	DCON	H	LF	WF	DMIN	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
													
S16P PTUNR/L 16	16	14.8	170	11	≥20	TNM. 1604..	TPL-08	TLV-07-M6x13	-	TTY-07	-	-	TTL-02-2.5
S20R PTUNR/L 16	20	18.3	200	13	≥25	TNM. 1604..	TPL-01	TLV-01-M6x14	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
S25S PTUNR/L 16C	25	23	250	17	≥32	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	TCK-05	4015-M4x11	TTL-02-2.5
S32T PTUNR/L 16C	32	30	300	22	≥40	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	TCK-05	4015-M4x11	TTL-02-2.5
S40U PTUNR/L 16C	40	37.5	350	27	≥50	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	TCK-05	4015-M4x11	TTL-02-2.5
S32T PTUNR/L 22C	32	30	300	22	≥40	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S40U PTUNR/L 22C	40	37.5	350	27	≥50	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S50V PTUNR/L 22C	50	47	400	35	≥63	TNM. 2204..	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A16M PTUNR/L 16	16	14.8	150	11	≥20	TNM. 1604..	TPL-08	TLV-07-M6x13	-	TTY-07	-	-	TTL-02-2.5
A20P PTUNR/L 16	20	18.3	170	13	≥25	TNM. 1604..	TPL-01	TLV-01-M6x14	TTTN-3-0025	TTY-01	-	-	TTL-02-2.5
A25R PTUNR/L 16C	25	23	200	17	≥32	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	TCK-05	4015-M4x11	TTL-02-2.5
A32S PTUNR/L 16C	32	30	250	22	≥40	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	TCK-05	4015-M4x11	TTL-02-2.5
A40T PTUNR/L 16C	40	37.5	300	27	≥50	TNM. 1604..	TPL-01	TLV-02-M6x17	TTTN-3-0025	TTY-01	TCK-05	4015-M4x11	TTL-02-2.5
A32S PTUNR/L 22C	32	30	250	22	≥40	TNM 2204	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A40T PTUNR/L 22C	40	37.5	300	27	≥50	TNM 2204	TPL-02	TLV-03-M8x19	TTTN-3-0015	TTY-02	TCK-05	4015-M4x11	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

PWLN





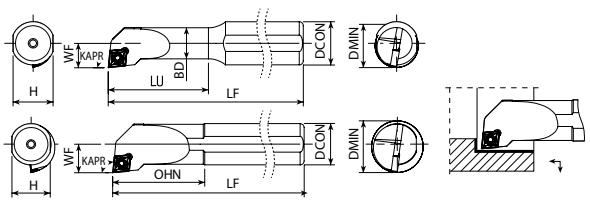


Code Kod	DCON	H	LF	WF	DMIN	INSERT	LEVER	LEVER SCREW	SHIM	SHIM SPRING	WEDGE CLAMP	CLAMP SCREW	ALLEN KEY
													
S20R PWLNR/L 06	20	18.3	200	13	≥25	WNM. 0604..	TPL-01	TLV-01-M6x14	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
S25S PWLNR/L 06	25	23	250	17	≥32	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
S32T PWLNR/L 06	32	30	300	22	≥40	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
S25S PWLNR/L 08C	25	23	250	17	≥32	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S32T PWLNR/L 08C	32	30	300	22	≥40	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S40U PWLNR/L 08C	40	37.5	350	27	≥50	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
S50V PWLNR/L 08C	50	47	400	35	≥63	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A16M PWLNR/L 06	16	14.8	150	11	≥20	WNM. 0604..	TPL-08	TLV-07-M6x13	-	TTY-07	-	-	TTL-02-2.5
A20P PWLNR/L 06	20	18.3	170	13	≥25	WNM. 0604..	TPL-01	TLV-01-M6x14	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
A25R PWLNR/L 06	25	23	200	17	≥32	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
A32S PWLNR/L 06	32	30	250	22	≥40	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
A40T PWLNR/L 06	40	37.5	300	27	≥50	WNM. 0604..	TPL-01	TLV-02-M6x17	TTWN-SW317	TTY-01	-	-	TTL-02-2.5
A25R PWLNR/L 08C	25	23	200	17	≥32	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A32S PWLNR/L 08C	32	30	250	22	≥40	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A40T PWLNR/L 08C	40	37.5	300	27	≥50	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3
A50U PWLNR/L 08C	50	47	350	35	≥63	WNM. 0804..	TPL-02	TLV-03-M8x19	TTWN-3-0001	TTY-02	TCK-05	4015-M4x11	TTL-03-3

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

SCLC

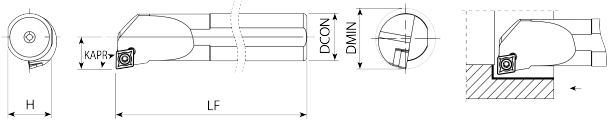




Code Kod	DCON	BD	H	LF	LU	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S0608H SCLCR/L 03	8	5	7.3	100	18	3	≥6	CC.T 030102	4006-M1.6x3.2	-	-	80-T06
S0608H SCLCR/L 06	8	6	7.3	100	25	4.5	≥8	CC.T 0602..	4008-M2.5x4.5	-	-	80-T08
S08H SCLCR/L 06	8	8	7.3	100	20	06	≥11	CC.T 0602..	4008-M2.5x6	-	-	80-T08
S10K SCLCR/L 06	10	10	09	125	25	07	≥13	CC.T 0602..	4008-M2.5x6	-	-	80-T08
S12K SCLCR/L 06	12	12	11	125	25	09	≥16	CC.T 0602..	4008-M2.5x6	-	-	80-T08
S1216P SCLCR/L 06	16	11.5	14.8	170	37	09	≥16	CC.T 0602..	4008-M2.5x6	-	-	80-T08
S16P SCLCR/L 06	16	16	14.8	170	35	11	≥20	CC.T 0602..	4008-M2.5x6	-	-	80-T08
S12K SCLCR/L 09	12	12	11	125	30	09	≥16	CC.T 09T3..	4015-M3.5x8	-	-	80-T15
S1416P SCLCR/L 09	16	14	14.8	170	45	9.5	≥17	CC.T 09T3..	4015-M3.5x9	-	-	80-T15
S16P SCLCR/L 09	16	16	14.8	170	35	11	≥20	CC.T 09T3..	4015-M3.5x9	-	-	80-T15
S1620R SCLCR/L 09	20	16	18.3	200	50	11	≥20	CC.T 09T3..	4015-M3.5x9	-	-	80-T15
S20R SCLCR/L 09	20	20	18.3	200	40	13	≥25	CC.T 09T3..	4015-M3.5x9	-	-	80-T15
S25S SCLCR/L 09	25	25	23	250	50	17	≥32	CC.T 09T3..	4015-M3.5x12	TTCN-2-0001	TTV-08-M3.5x8	80-T15
S32T SCLCR/L 09	32	32	30	300	60	22	≥40	CC.T 09T3..	4015-M3.5x12	TTCN-2-0001	TTV-08-M3.5x8	80-T15
S25S SCLCR/L 12	25	25	23	250	50	17	≥32	CC.T 1204..	4020-M4.5x12	TTCN-2-0003	TTVL10-M4.5x8	80-T20
S32T SCLCR/L 12	32	32	30	300	60	22	≥40	CC.T 1204..	4020-M4.5x12	TTCN-2-0003	TTVL10-M4.5x8	80-T20
S40U SCLCR/L 12	40	40	37.5	350	70	27	≥50	CC.T 1204..	1020-M4.5x16	TTCN-2-0003	TTV07-M4.5x13	80-T20
A08H SCLCR/L 06	8	8	7.3	100	20	06	≥11	CC.T 0602..	4008-M2.5x6	-	-	80-T08
A10H SCLCR/L 06	10	10	09	100	25	07	≥13	CC.T 0602..	4008-M2.5x6	-	-	80-T08
A12H SCLCR/L 06	12	12	11	100	25	09	≥16	CC.T 0602..	4008-M2.5x6	-	-	80-T08
A16M SCLCR/L 09	16	16	14.8	150	35	11	≥20	CC.T 0602..	4015-M3.5x9	-	-	80-T08
A20P SCLCR/L 09	20	20	18.3	170	40	13	≥25	CC.T 09T3..	4015-M3.5x12	TTCN-2-0001	TTV-8-M3.5x8	80-T15
A25R SCLCR/L 09	25	25	23	200	50	17	≥32	CC.T 09T3..	4015-M3.5x12	TTCN-2-0001	TTV-8-M3.5x8	80-T15
A32S SCLCR/L 09	32	32	30	250	60	22	≥40	CC.T 09T3..	4015-M3.5x12	TTCN-2-0001	TTV-8-M3.5x8	80-T15
A25R SCLCR/L 12	25	25	23	200	50	17	≥32	CC.T 1204..	4020-M4.5x12	TTCN-2-0003	TTV-10-M4.5x8	80-T20

SCFC



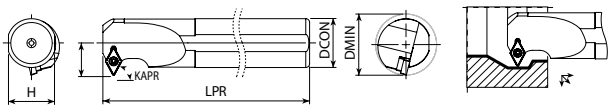


Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S08H SCFCR/L 06	8	7.3	100	06	≥11	CC.T 0602..	4008-M2.5x6	-	-	80-T08
S10K SCFCR/L 06	10	09	125	07	≥13	CC.T 0602..	4008-M2.5x6	-	-	80-T08
S12K SCFCR/L 06	12	11	125	09	≥16	CC.T 0602..	4008-M2.5x6	-	-	80-T08
S12K SCFCR/L 09	12	11	125	09	≥16	CC.T 09T3..	4015-M3.5x8	-	-	80-T15
S16P SCFCR/L 09	16	14.8	170	11	≥20	CC.T 09T3..	4015-M3.5x9	-	-	80-T15
S20R SCFCR/L 09	20	18.3	200	13	≥25	CC.T 09T3..	4015-M3.5x9	-	-	80-T15
S25S SCFCR/L 09	25	23	250	17	≥32	CC.T 09T3..	4015-M3.5x12	-	-	80-T15
S25S SCFCR/L 12	25	23	250	17	≥32	CC.T 1204..	4020-M4.5x12	TTCN-2-0001	TTV-08-M3.5x8	80-T20
S32T SCFCR/L 12	32	30	300	22	≥40	CC.T 1204..	4020-M4.5x12	TTCN-2-0003	TTV-10-M4.5x8	80-T20
S40U SCFCR/L 12	40	37.5	350	27	≥50	CC.T 1204..	1020-M4.5x16	TTCN-2-0003	TTV-10-M4.5x8	80-T20
A08H SCFCR/L 06	8	7.3	100	06	≥11	CC.T 0602..	4008-M2.5x6	TTCN-2-0003	TTV-07-M4.5x13	80-T08

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

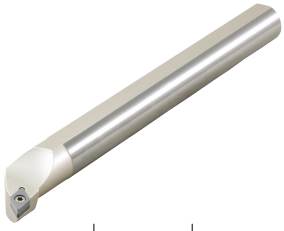
SD-C

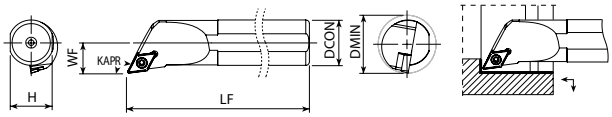




Code Kod	DCON	H	LPR	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S10K SD-CR/L 07	10	9	125	07	≥14	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S12K SD-CR/L 07	12	11	125	09	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S16P SD-CR/L 07	16	14.8	170	11	≥20	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S20R SD-CR/L 07	20	18.3	200	13	≥25	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S16P SD-CR/L 11	16	14.8	170	14	≥22	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
S20R SD-CR/L 11	20	18.3	200	15	≥25	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
S25S SD-CR/L 11	25	23	250	18	≥32	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
S32T SD-CR/L 11	32	30	300	22	≥40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
S40U SD-CR/L 11	40	37.5	350	27	≥50	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15

SDPC



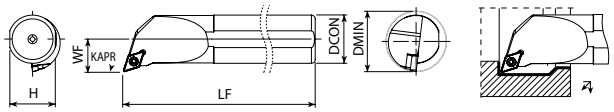


Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S10K SDPCR/L 07	10	09	125	07	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-108
S12K SDPCR/L 07	12	11	125	09	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-108
S16P SDPCR/L 11	16	14.8	170	11	≥20	DC.T 11T3..	4015-M3.5x9	-	-	80-T15
S20R SDPCR/L 11	20	18.3	200	13	≥25	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
S25S SDPCR/L 11	25	23	250	17	≥32	DC.T 11T3..	4015-M3.5x12	TTDN-2-0001	TTV-08-M3.5x8	80-T15

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

SDQC

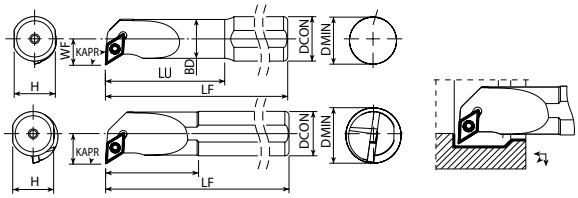




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S10K SDQCR/L 07	10	09	125	07	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S12K SDQCR/L 07	12	11	125	09	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S16P SDQCR/L 07	16	14.8	170	11	≥20	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S20R SDQCR/L 07	20	18.3	200	13	≥25	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S16P SDQCR/L 11	16	14.8	170	11	≥20	DC.T 11T3..	4015-M3.5x9	-	-	80-T15
S20R SDQCR/L 11	20	18.3	200	13	≥25	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
S25S SDQCR/L 11	25	23	250	17	≥32	DC.T 11T3..	4015-M3.5x12	-	TTV-08-M3.5x8	80-T15
S32T SDQCR/L 11	32	30	300	22	≥40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
S40U SDQCR/L 11	40	37.5	350	27	≥50	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
A10H SDQCR/L 07	10	09	100	07	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A12H SDQCR/L 07	12	11	100	09	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A16M SDQCR/L 07	16	14.8	150	11	≥20	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A20P SDQCR/L 07	20	18.3	170	13	≥25	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A16M SDQCR/L 11	16	14.8	150	11	≥20	DC.T 11T3..	4015-M3.5x9	-	-	80-T15
A20P SDQCR/L 11	20	18.3	170	13	≥25	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
A25R SDQCR/L 11	25	23	200	17	≥32	DC.T 11T3..	4015-M3.5x12	TTDN-2-0001	TTV-08-M3.5x8	80-T15
A32S SDQCR/L 11	32	30	250	22	≥40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15

SDUC



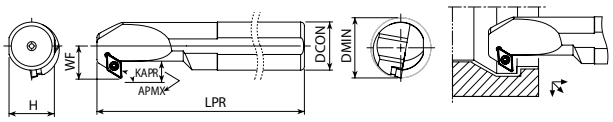


Code Kod	DCON	BD	H	LF	LU	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S0810K SDUCR/L 07	10	8	09	125	30	08	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S10K SDUCR/L 07	10	10	09	125	25	08	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S12K SDUCR/L 07	12	12	11	125	25	09	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S1216P SDUCR/L 07	16	11.5	14.8	170	37	09	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S1416P SDUCR/L 07	16	14	14.8	170	45	9.5	≥17	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S16P SDUCR/L 07	16	16	14.8	170	35	11	≥20	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S20R SDUCR/L 07	20	20	18.3	200	40	13	≥25	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S1416P SDUCR/L 11	16	14	14.8	170	45	11	≥18	DC.T 11T3..	4015-M3.5x9	-	-	80-T15
S16P SDUCR/L 11	16	16	14.8	170	35	11	≥20	DC.T 11T3..	4015-M3.5x9	-	-	80-T15
S1620R SDUCR/L 11	20	16	18.3	200	50	11	≥20	DC.T 11T3..	4015-M3.5x9	-	-	80-T15
S20R SDUCR/L 11	20	20	18.3	200	40	13	≥25	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
S25S SDUCR/L 11	25	25	23	250	50	17	≥32	DC.T 11T3..	4015-M3.5x12	TTDN-2-0001	TTV-08-M3.5x8	80-T15
S32T SDUCR/L 11	32	32	30	300	60	22	≥40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
S40U SDUCR/L 11	40	40	37.5	350	70	27	≥50	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
S50V SDUCR/L 11	50	50	47	400	80	35	≥63	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
A0810H SDUCR/L 07	10	8	09	100	30	08	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A10H SDUCR/L 07	10	10	09	100	25	08	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A12H SDUCR/L 07	12	12	11	100	25	09	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A16M SDUCR/L 07	16	16	14.8	150	35	11	≥20	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A20P SDUCR/L 07	20	20	18.3	170	40	13	≥25	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A16M SDUCR/L 11	16	16	14.8	150	35	11	≥20	DC.T 11T3..	4015-M3.5x9	-	-	80-115
A20P SDUCR/L 11	20	20	18.3	170	40	13	≥25	DC.T 11T3..	4015-M3.5x11	-	-	80-115
A25R SDUCR/L 11	25	25	23	200	50	17	≥32	DC.T 11T3..	4015-M3.5x12	TTDN-2-0001	TTV-08-M3.5x8	80-115
A32S SDUCR/L 11	32	32	30	250	60	22	≥40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-115

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

SDXC

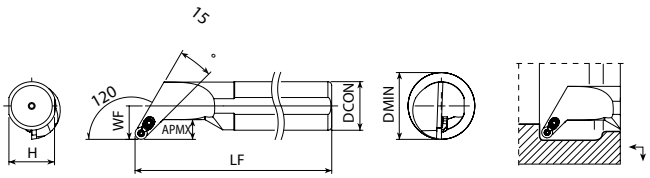




Code Kod	DCON	H	LPR	WF	APMX	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S12K SDXCR/L	12	11	125	09	4.5	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S16P SDXCR/L	16	14.8	170	11	6.5	≥20	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S20R SDXCR/L	20	18.3	200	13	6.5	≥25	DC.T 0702..	4008-M2.5x6	-	-	80-T08
S16P SDXCR/L	16	14.8	170	11	6.5	≥20	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
S20R SDXCR/L	20	18.3	200	14	7.5	≥25	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
S25S SDXCR/L	25	23	250	17	9	≥32	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-08-M3.5x8	80-T15
S32T SDXCR/L	32	30	300	22	12.5	≥40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
S40U SDXCR/L	40	37.5	350	27	14.5	≥50	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15
A12H SDXCR/L	12	11	100	09	4.5	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A16M SDXCR/L	16	14.8	150	11	6.5	≥20	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A20P SDXCR/L	20	18.3	170	13	6.5	≥25	DC.T 0702..	4008-M2.5x6	-	-	80-T08
A16M SDXCR/L	16	14.8	150	11	7.5	≥20	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
A20P SDXCR/L	20	18.3	170	14	7.5	≥25	DC.T 11T3..	4015-M3.5x11	-	-	80-T15
A25R SDXCR/L	25	23	200	17	9	≥32	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-08-M3.5x8	80-T15
A32S SDXCR/L	32	30	250	22	12.5	≥40	DC.T 11T3..	4015-M3.5x14	TTDN-2-0001	TTV-06-M3.5x11	80-T15

SRGC



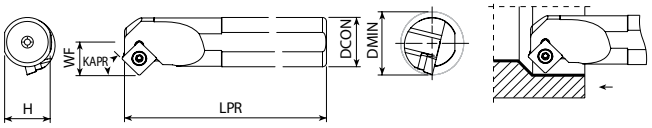


Code Kod	DCON	H	LPR	WF	APMX	DMIN	INSERT	SCREW	WEDGE CLAMP	CLAMP SCREW	SHIM	SHIM SCREW	TORX KEY
S16P SRGCR/L 08	16	14.8	170	11	7	≥22	RCM. 0803..	3008-M3x8	-	-	-	-	80-T08
S20R SRGCR/L 08	20	18.3	200	13	7	≥26	RCM. 0803..	3008-M3x8	-	-	-	-	80-T08
S25S SRGCR/L 08C	25	23	250	17	9.5	≥34	RCM. 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
S32T SRGCR/L 08C	32	30	300	22	13	≥44	RCM. 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
S40U SRGCR/L 08C	40	37.5	350	27	15	≥54	RCM. 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
A16M SRGCR/L 08	16	14.8	150	11	7	≥22	RCM. 0803..	3008-M3x8	-	-	-	-	80-T08
A20P SRGCR/L 08	20	18.3	170	13	7	≥26	RCM. 0803..	3008-M3x8	-	-	-	-	80-T08
A25R SRGCRL 08C	25	23	200	17	9.5	≥34	RCM. 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
A32S SRGCR/L 08C	32	30	250	22	13	≥44	RCM. 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08
A40T SRGCR/L 08C	40	37.5	300	27	15	≥54	RCM. 0803..	3008-M3x8	TCK-15	4015-M3.5x11	-	-	80-T08

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

SSSC

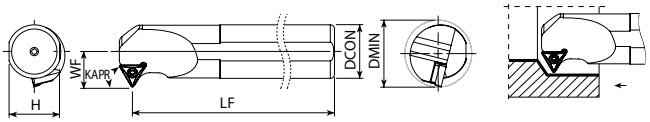




Code Kod	DCON	H	LPR	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S16P SSSCR/L 09	16	14.8	170	11	≥20	SC.T 09T3..	4015-M3.5x9	-	-	80-T15
S20R SSSCR/L 09	20	18.3	200	13	≥25	SC.T 09T3..	4015-M3.5x11	-	-	80-T15
S25S SSSCR/L 09	25	23	250	17	≥32	SC.T 09T3..	4015-M3.5x12	TTSN-2-0001	TTV-08-M3.5x8	80-T15
S25S SSSCR/L 12	25	23	250	17	≥32	SC.T 1204..	4020-M4.5x12	TTSN-2-0004	TTV-10-M4.5x8	80-T20
S32T SSSCR/L 12	32	30	300	22	≥40	SC.T 1204..	1020-M4.5x16	TTSN-2-0004	TTV-07-M4.5x13	80-T20
S40U SSSCR/L 12	40	37.5	350	27	≥50	SC.T 1204..	1020-M4.5x16	TTSN-2-0004	TTV-07-M4.5x13	80-T20

ST-C

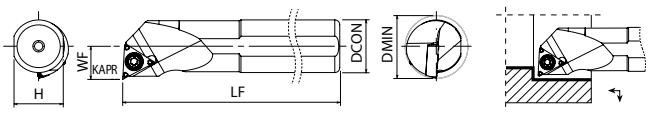




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S12K ST-CR/L 11	12	11	125	09	≥17	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S16P ST-CR/L 11	16	14.8	170	11	≥20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S20R ST-CR/L 11	20	18.3	200	13	≥25	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S16P ST-CR/L 16	16	14.8	170	11	≥20	TC.T 16T3..	4015-M3.5x9	-	-	80-T15
S20R ST-CR/L 16	20	18.3	200	13	≥25	TC.T 16T3..	4015-M3.5x11	-	-	80-T15
S25S ST-CR/L 16	25	23	250	17	≥32	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-08-M3.5x8	80-T15
S32T ST-CR/L 16	32	30	300	22	≥40	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
S40U ST-CR/L 16	40	37.5	350	27	≥50	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15

STUP



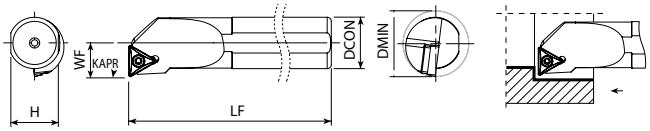


Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S08H STUPR/L 0802	8	7.3	100	05	≥10	TP. 0802..	3006-M2x4	-	-	80-T06
S10K STUPR/L 1103	10	09	125	06	≥12	TP. 1103..	4010-M3x6	-	-	80-T10
S12K STUPR/L 1103	12	11	125	09	≥16	TP. 1103..	4010-M3x6	-	-	80-T10
S12M STUPR/L 1103	12	11	150	08	≥16	TP. 1103..	4010-M3x6	-	-	80-T10
S16P STUPR/L 1103	16	14.8	170	10	≥20	TP. 1103..	4010-M3x8	-	-	80-T10
S16R STUPR/L 1103	16	14.8	200	10	≥20	TP. 1103..	4010-M3x8	-	-	80-T10
A20R STUPR/L 1103	20	18.3	200	13	≥25	TP. 1103..	4010-M3x8	-	-	80-T10

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

STFC

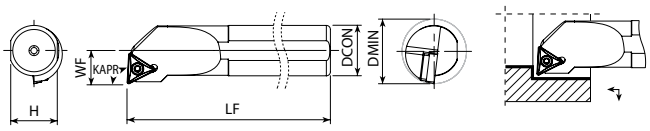




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S0610F STFCR/L06	10	09	80	4.5	≥08	TC.T 06T1..	3006-M2x4	-	-	80-T06
S08H STFCR/L 06	8	7.3	100	06	≥11	TC.T 06T1..	3006-M2x4	-	-	80-T06
S10K STFCR/L 09	10	09	125	07	≥13	TC T 0902	3007.M2 2x5	-	-	80-T07
S12K STFCR/L 09	12	11	125	09	≥17	TC T 0902	3007.M2 2x5	-	-	80-T07
S12K STFCR/L 11	12	11	125	09	≥17	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S16P STFCR/L 11	16	14.8	170	11	≥20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S20R STFCR/L 11	20	18.3	200	13	≥25	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S16P STFCR/L 16	16	14.8	170	11	≥20	TC.T 16T3..	4015-M3.5x9	-	-	80-T15
S20R STFCR/L 16	20	18.3	200	13	≥25	TC.T 16T3..	4015-M3.5x11	TTTN-2-0001	-	80-T15
S25S STFCR/L 16	25	23	250	17	≥32	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-08-M3.5x8	80-T15
S32T STFCR/L 16	32	30	300	22	≥40	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3 5x11	80-T15
S40U STFCR/L 16	40	37.5	350	27	≥50	TC.T 16T3..	4015-M3.5x14	-	TTV-06-M3 5x11	80-T15
A10H STFCR/L 11	10	09	100	07	≥13	TC.T 1102..	4008-M2.5x6	-	-	80-T08
A12H STFCR/L 11	12	11	100	09	≥17	TC.T 1102..	4008-M2.5x6	-	-	80-T08
A16M STFCR/L 11	16	14.8	150	11	≥20	TC.T 1102..	4008-M2.5x6	-	-	80-T08

STUC



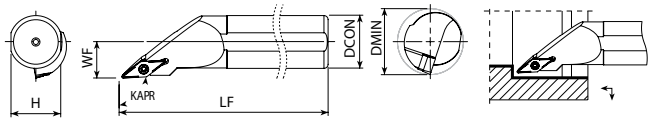


Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S10K STUCR/L 09	10	09	125	07	≥13	TC.T 0902..	3007-M2.2X5	-	-	80-T07
S12K STUCR/L 09	12	11	125	09	≥16	TC.T 0902..	3007-M2.2X5	-	-	80-T07
S12K STUCR/L 11	12	11	125	09	≥17	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S16P STUCR/L 11	16	14.8	170	11	≥20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S20R STUCR/L 11	20	18.3	200	13	≥25	TC.T 1102..	4008-M2.5x6	-	-	80-T08
S16P STUCR/L 16	16	14.8	170	11	≥20	TC.T 16T3..	4015-M3.5x9	-	-	80-T15
S20R STUCR/L 16	20	18.3	200	13	≥25	TC.T 16T3..	4015-M3.5x11	-	-	80-T15
S25S STUCR/L 16	25	23	250	17	≥32	TC.T 16T3..	4015-M3.5X14	TTTN-2-0001	TTV-08-M3.5x8	80-T15
S32S STUCR/L 16	32	30	300	22	≥40	TC.T 16T3..	4015-M3.5X14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
S40U STUCR/L 16	40	37.5	350	27	≥50	TC.T 16T3..	4015-M3.5X14	TTTN-2-0001	TTV-06-M3.5x11	80-T15
A10H STUCR/L 09	10	09	100	07	≥13	TC.T 0902..	3007-M2.2x5	-	-	80-T07
A12H STUCR/L 09	12	11	100	09	≥16	TC.T 0902..	3007-M2.2x5	-	-	80-T07
A12H STUCR/L 11	12	11	100	09	≥16	TC.T 1102..	4008-M2.5x6	-	-	80-T08
A16M STUCR/L 11	16	14.8	150	11	≥20	TC.T 1102..	4008-M2.5x6	-	-	80-T08
A20P STUCR/L 11	20	18.3	170	13	≥25	TC.T 1102..	4008-M2.5x6	-	-	80-T08
A16M STUCR/L 16	16	14.8	150	11	≥20	TC.T 16T3..	4015-M3.5x9	-	-	80-T15
A20P STUCR/L 16	20	18.3	170	13	≥25	TC.T 16T3..	4015-M3.5x11	-	-	80-T15
A25R STUCR/L 16	25	23	200	17	≥32	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-08-M3.5x8	80-T15
A32S STUCR/L 16	32	30	250	22	≥40	TC.T 16T3..	4015-M3.5x14	TTTN-2-0001	TTV-06-M3.5x11	80-T15

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

SVJB

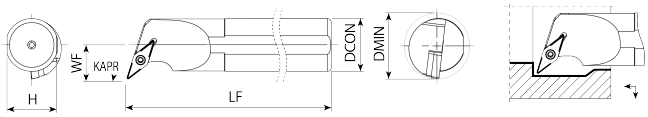




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S25S SVJBR/L 16	25	23	250	17	≥32	VB.T 1604..	4015-M3.5x12	TTVN-2-0002	TTV-08-M3.5x8	80-T15
S32T SVJBR/L 16	32	30	300	22	≥40	VB.T 1604..	4015-M3.5x12	TTVN-2-0002	TTV-08-M3.5x8	80-T15
S40U SVJBR/L 16	40	37.5	350	27	≥50	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

SVQB



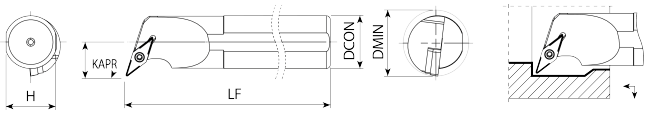


Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S16P SVQBR/L 11	16	14.8	170	11	≥20	VB.T 1103..	4008-M2.5x6	-	-	80-T08
S20R SVQBR/L 11	20	18.3	200	13	≥25	VB.T 1103..	4008-M2.5x6	-	-	80-T08
S25S SVQBR L 16	25	23	250	17	≥32	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-08-M3.5x8	80-T15
S32T SVQBR/L 16	32	30	300	22	≥40	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S40U SVQBR/L 16	40	37.5	350	27	≥50	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
A20Q SVQBR/L 11	20	18.5	180	13	≥25	VB.T 1103..	4008-M2.5x6	-	-	80-T08
A20Q SVQBR/L 16	20	18.5	180	20	≥30	VB.T 1604..	4015-M3.5x11	-	-	80-T15
A25S SVQBR/L 16	25	23	250	17	≥32	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
A32S SVQBR/L 16	32	30	250	22	≥40	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S16P SVQCR/L 11	16	14.8	170	11	≥20	VB.T 1103..	4008-M2.5x6	-	-	80-T08
S20R SVQCR/L 11	20	18.3	200	13	≥25	VB.T 1103..	4008-M2.5x6	-	-	80-T08
S25S SVQCR/L 16	25	23	250	17	≥32	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-08-M3.5x8	80-T15
S32T SVQCR/L 16	32	30	300	22	≥40	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S40U SVQCR/L 16	40	37.5	350	27	≥50	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
A16M SVQCR/L 11	16	14.8	150	11	≥20	VB.T 1103..	4008-M2.5x6	-	-	80-T08
A20P SVQCR/L 11	20	18.3	170	13	≥25	VB.T 1103..	4008-M2.5x6	-	-	80-T08
A25R SVQCR/L 16	25	23	200	17	≥32	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-08-M3.5x8	80-T15
A32S SVQCR/L 16	32	30	250	22	≥40	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
A40T SVQCR/L 16	40	37.5	300	27	≥50	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

SVQC

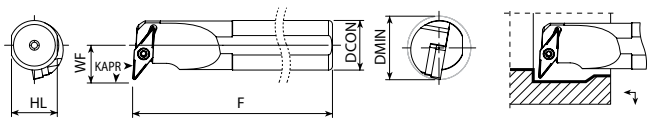




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S16P SVQCR/L 11	16	14.8	170	11	≥20	VC.T 1103..	4008M25x6	-	-	80T08
S20R SVQCR/L 11	20	18.3	200	13	≥25	VC.T 1103..	4008M25x6	-	-	80T08
S25S SVQCR/L 16	25	23	250	17	≥32	VC.T 1604..	4015M35x14	TTVN20002	TTV08M35x8	80T15
S32T SVQCR/L 16	32	30	300	22	≥40	VC.T 1604..	4015M35x14	TTVN20002	TTV06M35x11	80T15
S40U SVQCR/L 16	40	37.5	350	27	≥50	VC.T 1604..	4015M35x14	TTVN20002	TTV06M35x11	80T15
A16M SVQCR/L 11	16	14.8	150	11	≥20	VC.T 1103..	4008M25x6	-	-	80T08
A20P SVQCR/L 11	20	18.3	170	13	≥25	VC.T 1103..	4008M25x6	-	-	80T08
A25R SVQCR/L 16	25	23	200	17	≥32	VC.T 1604..	4015M35x14	TTVN20002	TTV08M35x8	80T15
A32S SVQCR/L 16	32	30	250	22	≥40	VC.T 1604..	4015M35x14	TTVN20002	TTV06M35x11	80T15
A40T SVQCR/L 16	40	37.5	300	27	≥50	VC.T 1604..	4015M35x14	TTVN20002	TTV06M35x11	80T15

SVUB

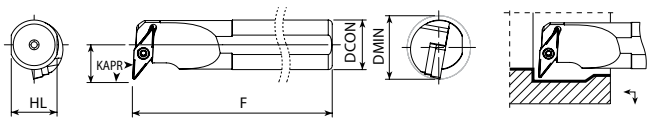




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S16P SVUBR/L 11	16	14.8	170	12.5	≥20	VB.T 1103..	4008-M2.5x6	-	-	80-T08
S20R SVUBR/L 11	20	18.3	200	13	≥25	VB.T 1103..	4008-M2.5x6	-	-	80-T08
S25S SVUBR/L 16	25	23	250	19	≥32	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S32T SVUBR/L 16	32	30	300	22	≥40	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S40U SVUBR/L 16	40	37.5	350	27	≥50	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
A20Q SVUBR/L 16	20	18.3	180	20	≥30	VB.T 1604..	4015-M3.5x11	-	-	80-T15
A32S SVUBR/L 16	32	30	250	22	≥40	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

SVUC



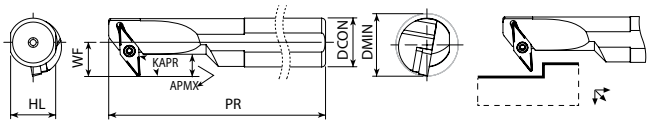


Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S16P SVUCR/L 11	16	14.8	170	12.5	≥20	VC.T 1103..	4008-M2.5x6	-	-	80-T08
S20R SVUCR/L 11	20	18.3	200	13	≥25	VC.T 1103..	4008-M2.5x6	-	-	80-T08
S25S SVUCR/L 16	25	23	250	19	≥32	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S32T SVUCR/L 16	32	30	300	22	≥40	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S40U SVUCR/L 16	40	37.5	350	27	≥50	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
A12K SVUCR/L 07	12	11	125	9	≥16	VC.T 0702..	3006-M2x4	-	-	80-T06
A20P SVUCR/L 11	20	18.3	170	13	≥25	VC.T 1103..	4008-M2.5x6	-	-	80-T08
A20Q SVUCR/L 11	20	18.3	180	13	≥25	VC.T 1103..	4008-M2.5x6	-	-	80-T08
A25R SVUCR/L 16	25	23	200	19	≥32	VC.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

SVXB

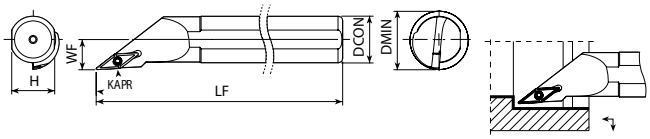




Code Kod	DCON	H	LPR	WF	APMX	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S16P SVXBR/L 1102	16	14.8	170	12.5	7.2	≥20	VBM. 1102..	4008-M2 5x6	-	-	80-T08
S20R SVXBR/L 1102	20	18.3	200	13	5.7	≥25	VBM. 1102..	4008-M2 5x6	-	-	80-T08
S16P SVXBR/L 11	16	14.8	170	12.5	7.2	≥20	VB.T 1103..	4008-M2 5x6	-	-	80-T08
S20R SVXBR/L 11	20	18.3	200	13	5.7	≥25	VB.T 1103..	4008-M2 5x6	-	-	80-T08
S25S SVXBR/L 16	25	23	250	19	10.2	≥32	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S32T SVXBR/L 16	32	30	300	22	11.7	≥40	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15
S40U SVXBR/L 16	40	37.5	350	27	14.3	≥50	VB.T 1604..	4015-M3.5x14	TTVN-2-0002	TTV-06-M3.5x11	80-T15

SVJC

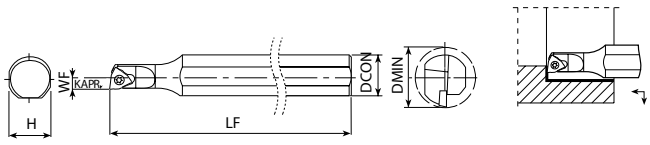




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S12K SVJCR/L 11	12	11	125	7	≥13	VC.T 1103..	4008-M2.5X6	-	-	80-T08
S16P SVJCR/L 11	16	14.8	170	11	≥20	VC.T 1103..	4008-M2.5X6	-	-	80-T08
S20R SVJCR/L 11	20	18.3	200	13	≥25	VC.T 1103..	4008-M2.5X6	-	-	80-T08
A12H SVJCR/L 11	12	11	100	07	≥13	VC.T 1103..	4008-M2.5X6	-	-	80-T08
A16M SVJCR/L 11	16	14.8	150	11	≥20	VC.T 1103..	4008-M2.5X6	-	-	80-T08
A20P SVJCR/L 11	20	18.3	170	13	≥25	VC.T 1103..	4008-M2.5X6	-	-	80-T08

SWLC

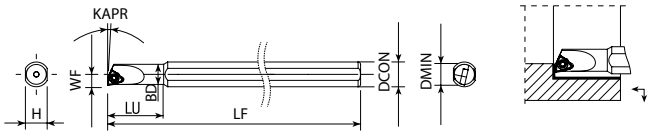




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S0608H SWLCR 03	8	7.3	100	04	≥08	WC.. 0302..	4008-M2.5x4	-	-	80-T08
S0810K SWLCR 03	10	09	125	06	≥10	WC.. 0302..	4008-M2.5x4.5	-	-	80-T08

SWUB



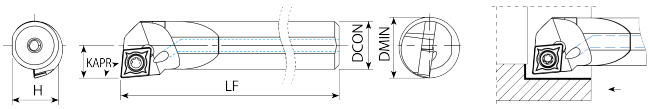


Code Kod	DCON	BD	H	LF	LU	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
S0610H SWUBR 06	10	5	7.3	100	18	3	≥6	WBGT 060102-L	3006-M2x3.3	-	-	80-T06
S08H SWUBR 06-5.5	8	5	7.3	100	18	2.75	≥5.7	WBGT 060102-L	3006-M2x3.3	-	-	80-T06
S08H SWUBR 06-7	8	6.5	7.3	100	18	3.5	≥7	WBGT 060102-L	3006-M2x4	-	-	80-T06

INSERT HOLDERS NOŻE TOKARSKIE WEWNĘTRZNE

SCLC

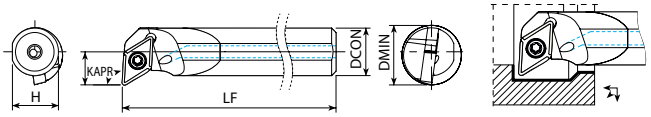




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
C06J SCLCR/L 06	6	5.7	110	4.5	≥08	CC.T 0602..	4008-M2.5x6	-	-	80-T08
E08K SCLCR L 06	8	7.5	125	6	≥11	CC.T 0602..	4008-M2.5x6	-	-	80-T08
E10M SCLCRL 06	10	9.5	150	7	≥13	CC.T 0602..	4008-M2.5x6	-	-	80-T08
E12Q SCLCRL 06	12	11	180	9	≥16	CC.T 0602..	4008-M2.5x6	-	-	80-T08
E16R SCLCR L 09	16	15	200	11	≥20	CC.T 09T3..	4015-M3.5x9	-	-	80-T15
E20S SCLCR/L 09	20	19	250	13	≥24	CC.T 09T3..	4015-M3.5x9	-	-	80-T15

SDUC

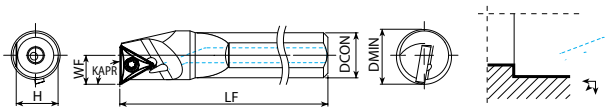




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
E10M SDUCR/L 07	10	9.5	150	8	≥13	DC.T 0702..	4008-M2.5x6	-	-	80-T08
E12Q SDUCR L 07	12	11	180	9	≥16	DC.T 0702..	4008-M2.5x6	-	-	80-T08
E16R SDUCRL 11	16	15	200	11	≥20	DC.T 11T3..	4015-M3.5x9	-	-	80-T15
E20S SDUCR L 11	20	18.3	250	12	≥23	DC.T 11T3..	4015-M3.5x9	-	-	80-T15

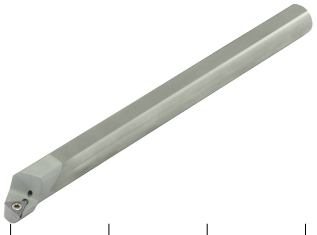
STFC

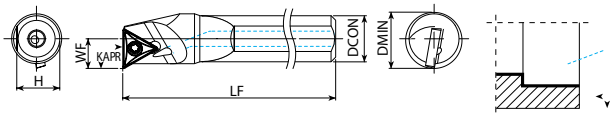




Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
E10M STFCR/L 09	10	9.5	150	6	≥12	TC.T 0902..	3007-M2.2x5	-	-	80-T07
E12Q STFCR/L 09	12	11	180	8	≥15	TC.T 0902..	3007-M2.2x5	-	-	80-T07
E12Q STFCR/L 11	12	11	180	8	≥15	TC.T 1102..	4008-M2.5x6	-	-	80-T08

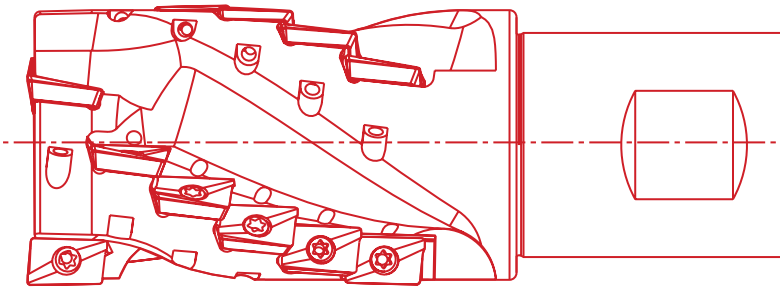
STUP





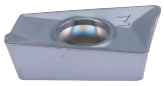
Code Kod	DCON	H	LF	WF	DMIN	INSERT	SCREW	SHIM	SHIM SCREW	TORX KEY
E12Q STUPR/L 1103	12	11	180	8	≥15	TP. 1103..	4010-M3x6	-	-	80-T10
E16R STUPR/L 1103	16	15	200	11	≥20	TP. 1103..	4010-M3x8	-	-	80-T10

MILLING
FREZOWANIE



M180 | Z=5-12 | 33





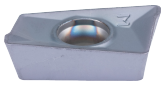
AP..1003..
AP..1604..

SHOULDER MILLING CUTTERS

NARZĘDZIA WALCOWO-CZOŁOWE

M180 | Z=2-5 | 33





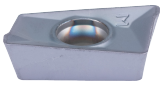
AP..1003..
AP..1604..

SHOULDER MILLING CUTTERS

NARZĘDZIA WALCOWO-CZOŁOWE

M180 | Z=1-4 | 34



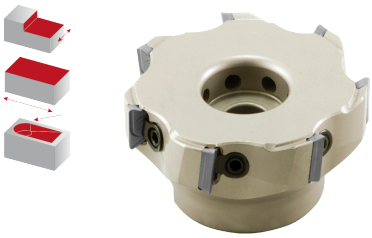


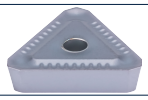
AP..1003..
AP..1604..

SHOULDER MILLING CUTTERS

NARZĘDZIA WALCOWO-CZOŁOWE

M175 | Z=4-18 | 36



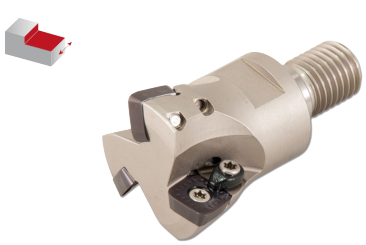


TP.. 1603..
TP.. 2204..

SHOULDER MILLING CUTTERS

NARZĘDZIA WALCOWO-CZOŁOWE

M550 | Z=2-4 | 37

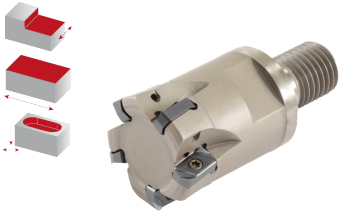


SD.. 09T3..

HIGH FEED MILLING CUTERS

FREZY DO OBRÓBKI SZYBKOŚCIOWEJ

M495 | Z=4-6 | 38





LNMU 0303..

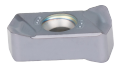
HIGH FEED MILLING CUTERS

FREZY DO OBRÓBKI SZYBKOŚCIOWEJ

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M495 | Z=2-5 | 38



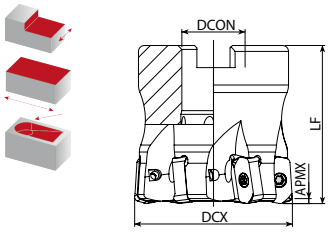


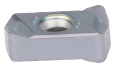
LNMU 0303..

HIGH FEED MILLING CUTERS

FREZY DO OBRÓBKI SZYBKOŚCIOWEJ

M495 | Z=6-9 | 38





LNMU 0303..

HIGH FEED MILLING CUTERS

FREZY DO OBRÓBKI SZYBKOŚCIOWEJ

M252 | Z=3-4 | 39



WNMX 09T3..

HIGH FEED MILLING CUTERS

FREZY DO OBRÓBKI SZYBKOŚCIOWEJ

M252 | Z=2-4 | 39



WNMX 09T3..

HIGH FEED MILLING CUTERS

FREZY DO OBRÓBKI SZYBKOŚCIOWEJ

M550 | Z=2-4 | 40



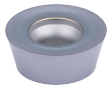
SD.. 09T3..

HIGH FEED MILLING CUTERS

FREZY DO OBRÓBKI SZYBKOŚCIOWEJ

M179 | Z=2-3 | 41





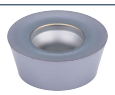
RD.. 10T3
RD.. 1204

PROFILE MILLING CUTTERS

NARZĘDZIA DO PROFILOWANIA

M185 | Z=3-4 | 41



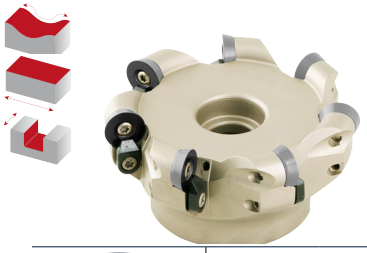


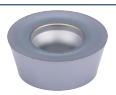
RD.. 10T3
RD.. 1204

PROFILE MILLING CUTTERS

NARZĘDZIA DO PROFILOWANIA

M179 | Z=5-8 | 41



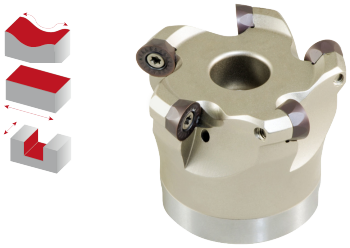


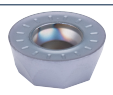
RD.. 10T3
RD.. 1204

PROFILE MILLING CUTTERS

NARZĘDZIA DO PROFILOWANIA

M495 | Z=4-6 | 42





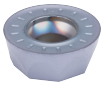
RPM.1204..

PROFILE MILLING CUTTERS

NARZĘDZIA DO PROFILOWANIA

M495 | Z=2-4 | 42





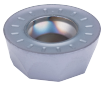
RPM.1204..

PROFILE MILLING CUTTERS

NARZĘDZIA DO PROFILOWANIA

M495 | Z=2-3 | 42





RPM.1204..

PROFILE MILLING CUTTERS

NARZĘDZIA DO PROFILOWANIA

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M250	Z=4-12	44



	SPKN 1203..

FACE MILLING CUTTERS

NARZĘDZIA DO OBRÓBKI PŁASZCZYZN

M250	Z=4-14	45

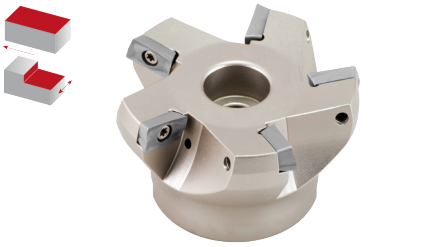


	SN.. 1206..

FACE MILLING CUTTERS

NARZĘDZIA DO OBRÓBKI PŁASZCZYZN

M275	Z=4-7	46



	AP..1604..

FACE MILLING CUTTERS

NARZĘDZIA DO OBRÓBKI PŁASZCZYZN

M162	Z=4-12	47

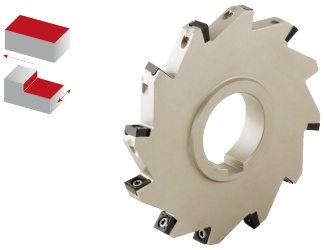


	SE..12T3..

FACE MILLING CUTTERS

NARZĘDZIA DO OBRÓBKI PŁASZCZYZN

M493	Z=4-16	48



	CC.. 0602.. CC.. 09T3.. CC.. 1204..

SIDE AND FACE MILLING

FREZY DO OBRÓBKI BRZEGU ORAZ PROFILU

M40B	Z=2	49



	CC.. 060204 CC.. 09T304

COUNTERSINK

POGŁĘBIACZ

M111	Z=4-18	50



	AP..1003..

HELLICAL END MILL

FREZY JEŻOWE

M135	Z=6	50



	AP..1604..

CHAMFERING MILLING CUTTERS

FREZY DO FAZOWANIA

M401	Z=2	51



	TC.T 110204 TC.T 16T304

CHAMFERING MILLING CUTTERS

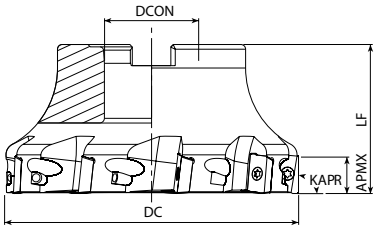
FREZY DO FAZOWANIA

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M180



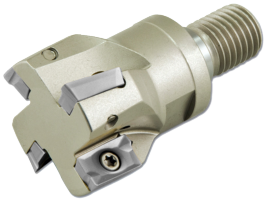


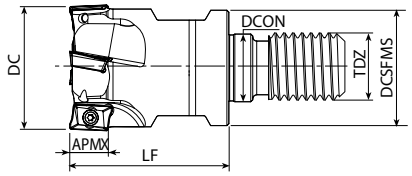


Order Code Kod zamówienia	DCX	ZEFP	DCON	LF	APMX	INSERT
M180AP10040A1605C	40	5	16	40	10	
M180AP10050A06C	50	6	22	40	10	
M180AP10063A07C	63	7	22	40	10	AP.. 1003..
M180AP10080A708C	80	8	27	50	10	
M180AP10100A309C	100	9	32	50	10	
M180AP16040A1604C	40	4	16	40	16	
M180AP16050A05C	50	5	22	40	16	
M180AP1605A05C	52	5	22	40	16	
M180AP16063A06C	63	6	22	40	16	
M180AP16080A2707C	80	7	27	50	16	AP.. 1604..
M180AP16100A3208C	100	8	32	50	16	
M180AP16125B4009	125	9	40	63	16	
M180AP16160C4010	160	10	40	63	16	
M180AP16200C6012	200	12	60	63	16	

M180



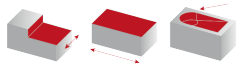




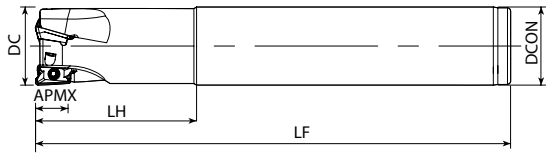
Order Code Kod zamówienia	DC	ZEFP	DCSFMS	TDZ	LF	DCON	APMX	INSERT
M180AP1016M083002C	16	2	14.75	M08	30	8.5	10	
M180AP1020M103003C	20	3	18	M10	30	10.5	10	
M180AP1025M123503C	25	3	21	M12	35	12.5	10	
M180AP1032M163504C	32	4	29	M16	35	17	10	AP.. 1003..
M180AP1032M164004C	32	4	29	M16	40	17	10	
M180AP1040M164305C	40	5	29	M16	43	17	10	
M180AP1042M164305C	42	5	29	M16	43	17	10	
M180AP1625M124302C	42	4	29	M16	43	17	16	
M180AP1632M164303C	25	2	21	M12	43	12.5	16	
M180AP1640M164304C	32	3	29	M16	43	17	16	
M180AP1642M164304	40	4	29	M16	43	17	16	AP.. 1604..
M180AP1642M164304C	42	4	29	M16	43	17	16	
M180AP1625M124302C	25	2	21	M12	43	12.5	16	

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M180





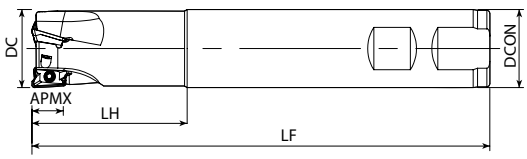


Order Code Kod zamówienia	DC	ZEFP	DCON	LF	LH	APMX	INSERT
M180AP1012W1610001C	12	1	16	100	30	10	AP.. 1003..
M180AP1012W1615001	12	1	16	150	38	10	
M180AP1014W1610001C	14	1	16	100	30	10	
M180AP1014W1615001	14	1	16	150	38	10	
M180AP1016W1610002C	16	2	16	100	30	10	
M180AP1016W1615002	16	2	16	150	50	10	
M180AP1016W1620002	16	2	16	200	100	10	
M180AP1018W1610002C	18	2	16	100	30	10	
M180AP1018W1615002	18	2	16	150	30	10	
M180AP1020W2010003C	20	3	20	100	30	10	
M180AP1020W2015003	20	3	20	150	50	10	
M180AP1021W2015003	21	3	20	150	30	10	
M180AP1022W2010003C	22	3	20	100	30	10	
M180AP1022W2015003	22	3	20	150	30	10	
M180AP1023W2015003	23	3	20	150	30	10	
M180AP1024W2015003	24	3	20	150	30	10	
M180AP1025W2510003C	25	3	25	100	30	10	
M180AP1025W2510004C	25	4	25	100	30	10	
M180AP1025W2515003	25	3	25	150	50	10	
M180AP1032W2515004	32	4	25	150	35	10	
M180AP1032W3215004	32	4	32	150	50	10	
M180AP1040W3215005	40	5	32	150	40	10	
M180AP1628W2510003C	28	3	25	100	40	16	AP.. 1604..
M180AP1628W2515003	28	3	25	150	40	16	
M180AP1630W2511003C	30	3	25	110	40	16	
M180AP1630W2515002	30	2	25	150	40	16	
M180AP1630W2515003	30	3	25	150	40	16	
M180AP1632W2515003	32	3	25	150	40	16	
M180AP1632W3211003C	32	3	32	110	40	16	
M180AP1632W3215003	32	3	32	150	50	16	
M180AP1632W3215003C	32	3	32	150	50	16	
M180AP1635W3215003	35	3	32	150	40	16	
M180AP1636W3211003C	36	3	32	110	40	16	
M180AP1636W3215003	36	3	32	150	40	16	
M180AP1640W3211004C	40	4	32	110	40	16	
M180AP1640W3215004	40	4	32	150	40	16	

M180



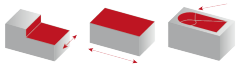




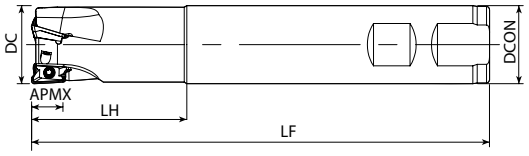
Order Code Kod zamówienia	DC	ZEFP	DCON	LF	LH	APMX	INSERT
M180AP1010T1010001	10	1	10	100	20	10	AP.. 1003..
M180AP1012T1610001C	12	1	16	100	30	10	
M180AP1016T1610002C	16	2	16	100	30	10	
M180AP1016T1612002C	16	2	16	120	30	10	
M180AP1016T1615002	16	2	16	150	50	10	
M180AP1016T1615002C	16	2	16	150	50	10	
M180AP1016T1620002	16	2	16	200	100	10	
M180AP1016T1620002C	16	2	16	200	100	10	
M180AP1016T1625002	16	2	16	250	50	10	
M180AP1020T2010003C	20	3	20	100	30	10	
M180AP1020T2012003C	20	3	20	120	30	10	
M180AP1020T2015003	20	3	20	150	50	10	
M180AP1020T2015003C	20	3	20	150	50	10	

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M180

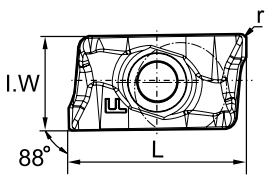


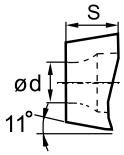




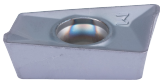
Order Code Kod zamówienia	DC	ZEFP	DCON	LF	LH	APMX	INSERT
M180AP1020T2020002	20	2	20	200	100	10	AP.. 1003..
M180AP1020T2020003C	20	3	20	200	100	10	
M180AP1020T2025002	20	2	20	250	150	10	
M180AP1020T2025002C	20	2	20	250	150	10	
M180AP1021T2020003	21	3	20	200	30	10	
M180AP1025T2510003C	25	3	25	100	30	10	
M180AP1025T2512003C	25	3	25	120	30	10	
M180AP1025T2515003	25	3	25	150	50	10	
M180AP1025T2520002	25	2	25	200	100	10	
M180AP1025T2520003	25	3	25	200	100	10	
M180AP1025T2525002	25	2	25	250	100	10	
M180AP1030T2510004C	30	4	25	100	30	10	
M180AP1030T2512004C	30	4	25	120	30	10	
M180AP1030T2515004	30	4	25	150	30	10	
M180AP1032T2510004C	32	4	25	100	35	10	
M180AP1032T2512004C	32	4	25	120	35	10	
M180AP1032T2515004	32	4	25	150	35	10	
M180AP1032T3213005	32	5	32	130	30	10	
M180AP1625T2525002	25	2	25	250	100	16	AP.. 1604..
M180AP1632T3215003	32	3	32	150	50	16	
M180AP1632T2520003C	32	3	25	200	40	16	
M180AP1632T3225002	32	3	32	250	100	16	
M180AP1632T3225003	32	3	32	250	100	16	
M180AP1640T3215004	40	4	32	150	40	16	
M180AP1640T3225002	40	2	32	250	40	16	
M180AP1640T3225004	40	4	32	250	40	16	

AP





P		●								
M		●								
K		●								
N										
S										
H										
						PVD		CVD		

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
 MEDIUM	APKT100308PDTRCM	0.80	0.50-9.00	0.11-0.26		●			
	APKT1604PDTRCM	-	0.50-15.00	0.13-0.29		●			
	APKT160408PDTRCM	0.80	0.50-15.00	0.13-0.29		●			

APKT		L	S	d
10	03	10	3.5	2.8
11	T3	12.24	3.6	2.8
16	04	17.877	5.76	4.4

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
Unfavourable machining conditions
Niekorzystne warunki obróbki

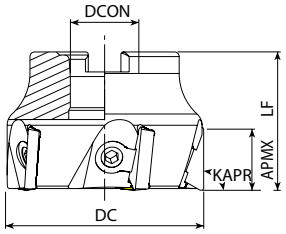
● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M175

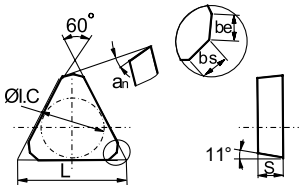






Order Code Kod zamówienia	DC	ZEFP	DCON	LF	APMX	INSERT
M175CTP16050A2204	50	4	22	40	12	TP.. 1603..
M175CTP16063A2206	63	6	22	45	12	
M175CTP16080A2707	80	7	27	50	12	
M175CTP16100A3208	100	8	32	50	12	
M175CTP16125B4008	125	8	40	63	12	
M175CTP22063A2205	63	5	22	45	18	TP.. 2204..
M175CTP22080A2706	80	6	27	50	18	
M175CTP22100A3207	100	7	32	50	18	
M175CTP22125B4008	125	8	40	63	18	
M175CTP22160C4009	160	9	40	63	18	
M175CTP22200C6012	200	12	60	63	18	
M175CTP22250C6015	250	15	60	63	18	
M175CTP223156018	315	18	60	63	18	

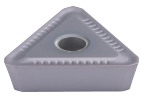
TP



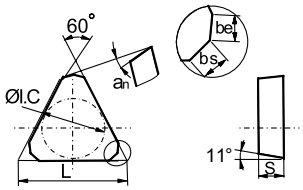
	PVD		CVD		
P		●			
M		◔			
K		◕			
N					
S					
H					

TPKR		L	I.C.	S
16	03	16.5	9.525	3.18
22	04	22	12.7	4.76

● Ideal machining conditions
Idealne warunki obróbki
◔ Normal machining conditions
Normalne warunki obróbki
◕ Unfavourable machining conditions
Niekorzystne warunki obróbki

Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
	FINISH	TPKR1603PPRCF	-	0.50-12.00	0.12-0.27		●			
	MEDIUM	TPKR2204PDTRCM	-	0.50-18.00	0.16-0.27		●			

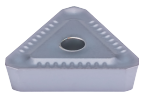
TP



	PVD		CVD		
P		◔			
M					
K		◕			
N					
S					
H					

TPKN		L	I.C.	S
16	03	16.5	9.525	3.18
22	04	22	12.7	4.76

● Ideal machining conditions
Idealne warunki obróbki
◔ Normal machining conditions
Normalne warunki obróbki
◕ Unfavourable machining conditions
Niekorzystne warunki obróbki

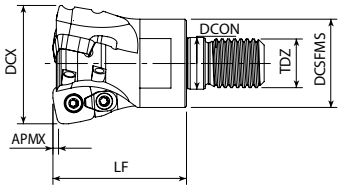
Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
	MEDIUM	TPKN1603PDTRCM	-	0.50-12.00	0.15-0.27		●			
	ROUGH	TPKN2204PDTRCR	-	0.50-18.00	0.18-0.32		●			

● For P, M, K materials
◕ For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

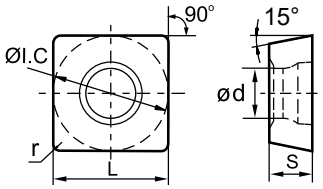
M550





Order Code Kod zamówienia	DC	ZEFP	DCSFMS	TDX	LF	DCON	APMX	INSERT
M550A2502M13030SD09	25	2	22	M12	30	12.5	1.4	SD.. 09T3..
M550A3203M17043SD09	32	3	29	M16	43	17	1.4	
M550A3503M17043SD09	35	3	29	M16	43	17	1.4	
M550A4004M17043SD09	40	4	29	M16	43	17	1.4	

SD



P		●								
M		●								
K		●								
N										
S										
H										

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD		CVD		
					P1000	P3000	P5000	P6000	P7000
ROUGH	SDMT1205CR	-	0.07-0.12	0.70-1.50		●			
	SDMT09T312CR	1.20	0.07-0.12	0.70-1.50		●			

SDMT		L	I.C.	S	d
09	03	9,525	9,525	3,18	4,4
09	T3	9,525	9,525	3,97	4

● Ideal machining conditions
Idealne warunki obróbki
◕ Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

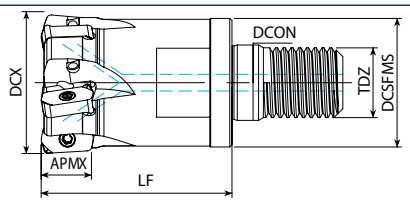
● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M495





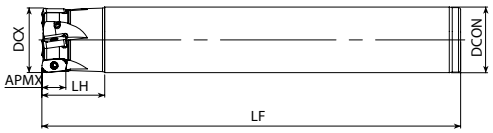


Order Code Kod zamówienia	DC	ZEFP	DCSFMS	TDZ	LF	DCON	APMX	INSERT
M495A2504M13035LN03	25	4	21	M12	35	12.5	12	LNMU 0303..
M495A3205M17043LN03	32	5	29	M16	43	17	12	
M495A4206M17043LN03	42	6	29	M16	43	17	12	

M495





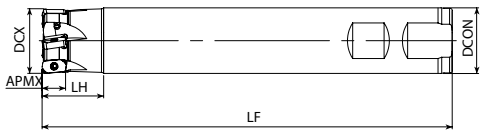


Order Code Kod zamówienia	DCX	ZEFP	DCON	LF	LH	APMX	INSERT
M495A1602T15150LN03	16	2	15	150	30	12	LNMU 0303..
M495A2103T20150LN03	21	3	20	150	30	12	
M495A2604T25150LN03	26	4	25	150	30	12	
M495A3305T32200LN03	33	5	32	200	30	12	

M495

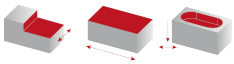


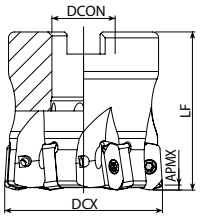




Order Code Kod zamówienia	DCX	ZEFP	DCON	LF	LH	APMX	INSERT
M495A1602W16150LN03	16	2	16	150	50	12	LNMU 0303..
M495A2003W20150LN03	20	3	20	150	50	12	
M495A2504W25150LN03	25	4	25	150	50	12	

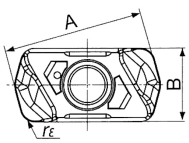
M495





Order Code Kod zamówienia	DCX	ZEFP	DCON	LF	APMX	INSERT
M495A4006C16040LN03	40	6	16	40	12	LNMU 0303..
M495A5007C22050LN03	50	7	22	50	12	
M495A6309C22050LN03	63	9	22	50	12	

LN



P		●								
M		●								
K		●								
N										
S										
H										
						PVD		CVD		

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
MEDIUM	LNMU0303CM	-	0.04-0.10	0.30-1.20		●			

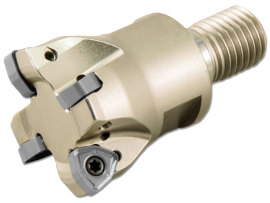
LNMU		L	S
03	03	3.2	4.3

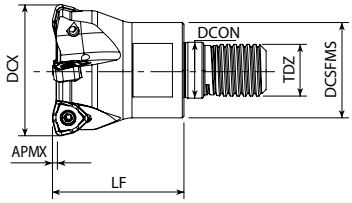
● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M252

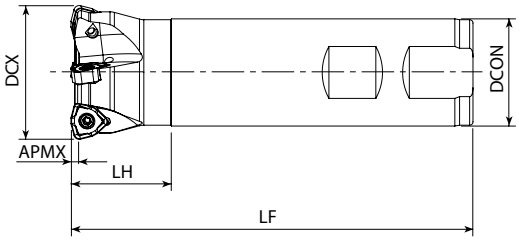




Order Code Kod zamówienia	DC	ZEFP	DCSFMS	TDX	LF	DCON	APMX	INSERT
M252A3203M17040WN09	32	3	29	M16	40	17	1.5	WNMX 09T3..
M252A4004M17040WN09	40	4	29	M16	40	17	1.5	

M252

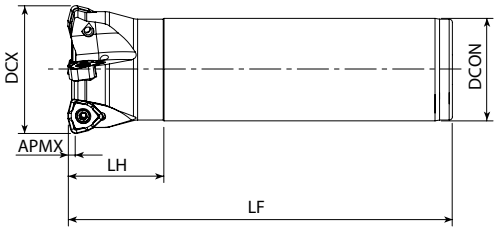




Order Code Kod zamówienia	DC	ZEFP	DCON	LF	LH	APMX	INSERT
M252A2502W25120WN09	25	2	25	120	40	1.5	WNMX 09T3..
M252A2502W25120WN09	25	2	25	120	40	1.5	
M252A3203W32120WN09	32	3	32	120	30	1.5	
M252A3203W32200WN09	32	3	32	200	100	1.5	
M252A3504W32200WN09	35	4	32	200	50	1.5	
M252A4004W32120WN09	40	4	32	120	30	1.5	

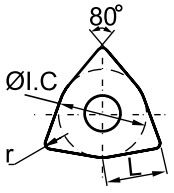
M252

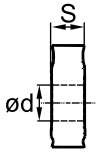




Order Code Kod zamówienia	DC	ZEFP	DCON	LF	LH	APMX	INSERT
M252A2502025200WN09	25	2	25	200	120	1.5	WNMX 09T3..
M252A4004032200WN09	40	4	32	200	30	1.5	

WN





P		●								
M		●								
K		●								
N										
S										
H										
						PVD		CVD		

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
MEDIUM	WNMX09T316ZNNCS	1.60	0.07-0.12	0.45-1.50		●			

WN**		L	I.C.	S	d
08	04	8.7	12.7	4.76	5.16
09	T3	9.8	9.525	3.97	3.81

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
Unfavourable machining conditions
Niekorzystne warunki obróbki

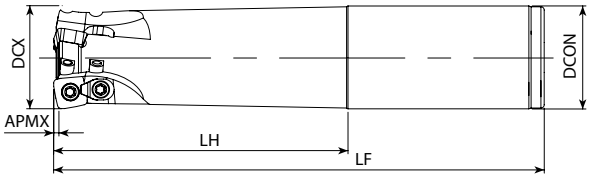
● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M550





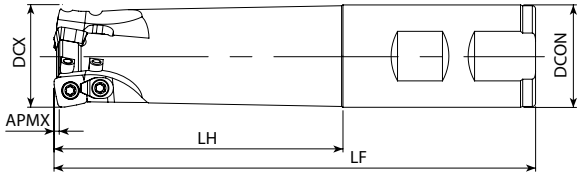


Order Code Kod zamówienia	DC	ZEFP	DCON	LF	LH	APMX	INSERT
M550A2502T25150SD09	25	2	25	150	94	1.4	
M550A2802T25150SD09	28	2	25	150	30	1.4	
M550A3203T32150SD09	32	3	32	150	100	1.4	SD.. 09T3..
M550A2503T25150SD09	25	3	25	150	60	1.4	
M550A3204T25150SD09	32	4	25	150	60	1.4	

M670

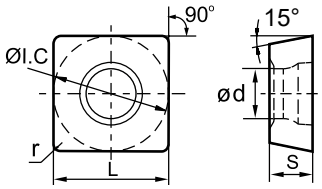






Order Code Kod zamówienia	DC	ZEFP	DCON	LF	LH	APMX	INSERT
M670A2202W20150SD09	22	2	20	150	30	1.4	
M670A2502W25150SD09	25	2	25	150	94	1.4	SD.. 09T3..
M670A3203W32150SD09	32	3	32	150	90	1.4	

SD



P		●								
M		●								
K		●								
N										
S										
H										
						PVD		CVD		
Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z		P1000	P3000	P5000	P6000	P7000
ROUGH	SDMT09T312CR	-	0.04-0.12	0.30-1.50			●			
	SDMT1205CR	1.20	0.04-0.12	0.30-1.50			●			

SDMT		L	I.C.	S	d
09	03	9,525	9,525	3,18	4,4
09	T3	9,525	9,525	3,97	4

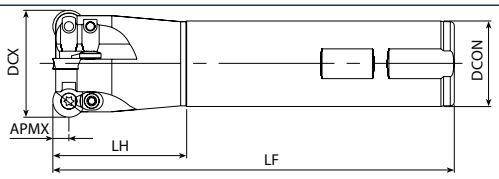
● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
Unfavourable machining conditions
Niekorzystne warunki obróbki

● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M179

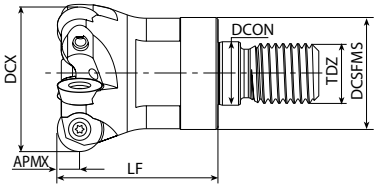




Order Code Kod zamówienia	DCX	ZEFP	DCON	LF	LH	APMX	INSERT
M179R10T320C2015002	20	2	20	150	60	5	RD.. 10T3
M179R10T320W2015002	20	2	20	150	60	5	
M179R10T325C2515002	25	2	25	150	60	5	
M179R10T325C2520002C	25	2	25	200	100	5	
M179R10T325W2515002	25	2	25	150	60	5	
M179R10T332C2525003C	32	3	25	250	35	5	
M179R10T332W3215003	32	3	32	160	70	6	RD.. 1204
M179R12T325W2515002	32	3	32	160	70	6	

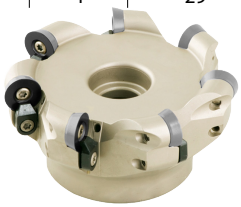
M185

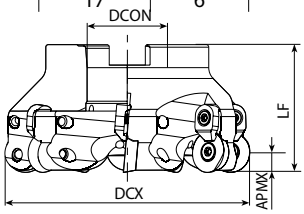




Order Code Kod zamówienia	DC	ZEFP	DCSFMS	TDX	LF	DCON	APMX	INSERT
M185RP10T3M25123502C	25	3	21	M12	35	12.5	5	RD.. 10T3
M185RP10T3M32164303C	32	4	29	M16	45	17	5	
M185RP1204M32164303C	32	3	29	M16	43	17	6	RD.. 1204
M185RP1204M40164304C	42	4	29	M16	43	17	6	

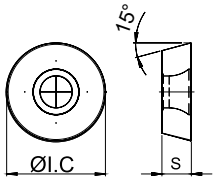
M179





Order Code Kod zamówienia	DC	ZEFP	DCON	LF	APMX	INSERT
M179A5005022050RD10	50	5	22	50	5	RD.. 10T3..
M179A6306022050RD10	63	6	22	50	5	
M179A4004016040RD12	40	4	16	40	6	RD.. 1204..
M179A5005022050RD12	50	5	22	50	6	
M179A5205022050RD12	52	5	22	50	6	
M179A6306022050RD12	63	6	22	50	6	
M179A8007027050RD12	80	7	27	50	6	
M179A10007032050RD12	100	7	32	50	6	
M179A10008032050RD12	100	8	32	50	6	

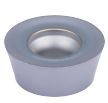
RD



P		●								
M		●								
K		●								
N										
S										
H										
						PVD		CVD		
Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z		P1000	P3000	P5000	P6000	P7000
MEDIUM	RDMW10T3M0CS	-	0.50-2.50	0.15-0.64			●			
	RDMW1204M0CS	-	0.50-3.00	0.21-0.74			●			
	RDMT10T3M0CM	-	0.50-2.50	0.15-0.64			●			
	RDMT1204M0CM	-	0.50-3.00	0.21-0.74			●			

RDMW		L	I.C.	d
10	T3	10	10	3.97
12	04	12	12	4.76

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
● Unfavourable machining for Cast Iron
Niekorzystne warunki obróbki do żeliwa
✚ Unfavourable machining conditions
Niekorzystne warunki obróbki

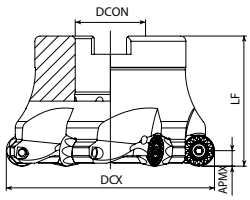


● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M495

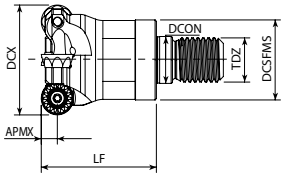




Order Code Kod zamówienia	DCX	ZEFP	DCON	LF	APMX	INSERT
M495A5004C22050RP12	50	4	22	50	6	RPM. 1204..
M495A5205C22050RP12	52	5	22	50	6	
M495A6305C22050RP12	63	5	22	50	6	
M495A8006C27050RP12	80	6	27	50	6	

M495

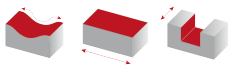




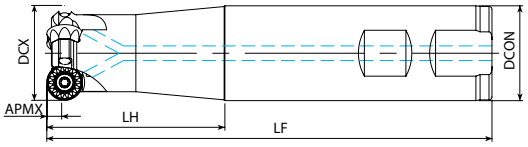
Order Code Kod zamówienia	DCX	ZEFP	DCSFMS	TDZ	LF	DCON	APMX	INSERT
M495A2502M13035RP10	21	2	21	M12	35	12.5	5	RPM. 10T3..
M495A3203M17043RP10	29	3	29	M16	43	17	5	
M495A3203M17043RP12	29	3	29	M16	43	17	6	RPM. 1204..
M495A4004M17043RP12	29	4	29	M16	43	17	6	

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M495

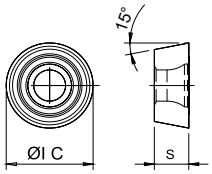






Order Code Kod zamówienia	DCX	ZEFP	DCON	LF	LH	APMX	INSERT
M495A2502W25200RP10	25	2	25	200	100	5	RPM. 10T3..
M495A3203W32200RP10	32	3	32	200	100	5	
M495A3203W32150RP12	32	3	32	150	60	6	RPM. 1204..
M495A3203W32200RP12	32	3	32	200	100	6	

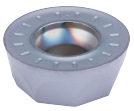
RP



P					
M					
K					
N					
S					
H					

RP**		L	I.C.	d
12	04	12	12	4.76

● Ideal machining conditions
Idealne warunki obróbki
◕ Normal machining conditions
Normalne warunki obróbki
◔ Unfavourable machining for Cast Iron
Niekorzystne warunki obróbki do żeliwa
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki



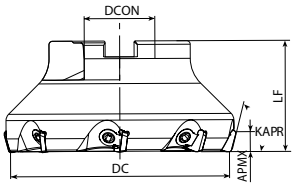
Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
MEDIUM	RPMT08T2M0CM	-	0.50-2.50	0.14-0.45		●			
	RPMT10T3M0CM	-	0.50-2.50	0.15-0.64		●			
	RPMT1204M0CM	-	0.50-3.00	0.21-0.74		●			
	RPMW10T3M0CS	-	0.50-3.00	0.18-0.82		●			
	RPMW1204M0CS	-	0.50-3.00	0.18-0.82		●			

● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

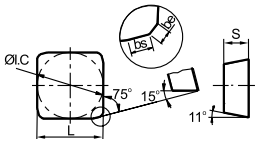
M250





Order Code Kod zamówienia	DC	ZEFP	DCON	LF	APMX	INSERT
M250A5004C22042SP12	50	4	22	42	8	
M250A6305C22040SP12	63	5	22	40	8	
M250A8006C27050SP12	80	6	27	50	8	
M250A10007C32050SP12	100	7	32	50	8	SPKN 1203..
M250A12508C40063SP12	125	8	40	63	8	
M250A16009C40063SP12	160	9	40	63	8	
M250A20012C60063SP12	200	12	60	63	8	

SP



P		●								
M										
K		●								
N										
S										
H										
						PVD		CVD		
Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z		P1000	P3000	P5000	P6000	P7000
MEDIUM	SPKN1203PDTRCS	-	0.50-7.00	0.15-0.43			●			

SPKN		L	I.C.	d
12	03	12.7	4.76	5.16

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✚ Unfavourable machining conditions
Niekorzystne warunki obróbki

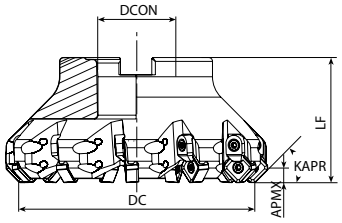
● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M250







Order Code Kod zamówienia	DC	ZEFP	DCON	LF	APMX	INSERT
M250A5004M22042SN12	50	4	22	42	6	
M250A5005M22042SN12	50	5	22	42	6	
M250A5005M22042SN12	50	5	22	42	6	
M250A6306M22042SN12	63	6	22	42	6	
M250A6307M22042SN12	63	7	22	42	6	
M250A6307M22042SN12	63	7	22	42	6	
M250A8007M27052SN12	80	7	27	52	6	
M250A8008M27052SN12	80	8	27	52	6	
M250A8008M27052SN12	80	8	27	52	6	SN.. 1206..
M250A10008M32052SN12	100	8	32	52	6	
M250A10010M32052SN12	100	10	32	52	6	
M250A10010M32052SN12	100	10	32	52	6	
M250A12511M40065SN12	125	11	40	65	6	
M250A12511M40065SN12	125	11	40	65	6	
M250A16012M40065SN12	160	12	40	65	6	
M250A20014M60065SN12	200	14	60	65	6	
M250A20014M60065SN12	200	14	60	65	6	

SN

	PVD		CVD		
	P1000	P3000	P5000	P6000	P7000
P		●			
M					
K		●			
N					
S					
H					

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
MEDIUM	SNMX1206ANNCS	-	0.50-6.00	0.10-0.38		●			

SNMX		L	I.C.	d
12	06	12.7	4.76	5.16

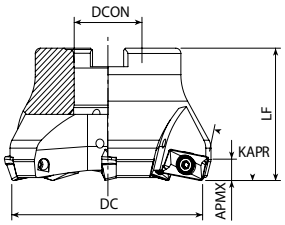
● Ideal machining conditions
Idealne warunki obróbki
◕ Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

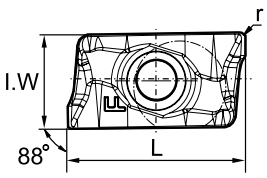
M275

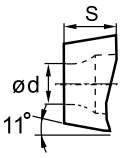




Order Code Kod zamówienia	DCX	ZEFP	DCON	LF	APMX	INSERT
M275AP16063A2204C	63	4	22	40	6	AP.. 1604..
M275AP16080A2705C	80	5	27	50	6	
M275AP16100A3206C	100	6	32	50	6	
M275AP16125B4007	125	7	40	63	6	

AP





P		●				
M		●				
K		●				
N						
S						
H						
		PVD		CVD		

APKT		L	S	d
10	03	10	3.5	2.8
11	T3	12.24	3.6	2.8
16	04	17.877	5.76	4.4

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
Unfavourable machining conditions
Niekorzystne warunki obróbki

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
MEDIUM	APKT100308PDTRCM	0.80	0.50-9.00	0.11-0.26		●			
	APKT1604PDTRCM	-	0.50-15.00	0.13-0.29		●			
	APKT160408PDTRCM	0.80	0.50-15.00	0.13-0.29		●			

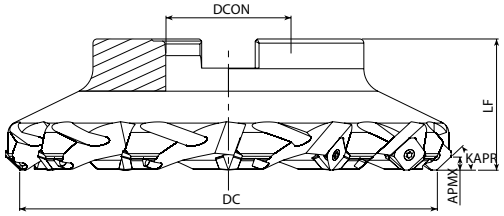
● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M162

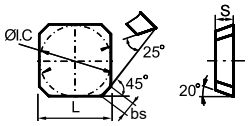






Order Code Kod zamówienia	DC	ZEFP	DCON	LF	APMX	INSERT
M162A5004W22040SE12	50	4	22	40	6	
M162A5004W22040SE12	50	4	22	40	6	
M162A6305W22040SE12	63	5	22	40	6	
M162A6305W22040SE12	63	5	22	40	6	
M162A8006W27050SE12	80	6	27	50	6	
M162A8006W27050SE12	80	6	27	50	6	SE..12T3..
M162A10007W32050SE12	100	7	32	50	6	
M162A12508W40063SE12	125	8	40	63	6	
M162A16010W40063SE12	160	10	40	63	6	
M162A16010W40063SE12	160	10	40	63	6	
M162A20012W60063SE12	200	12	60	63	6	

SE



P		●				
M		●				
K		●				
N						
S						
H						

SEKT		L	I.C.	d
12	04	12	12	4.76

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
Unfavourable machining conditions
Niekorzystne warunki obróbki



Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
MEDIUM	SEKT12T3AGSNCM	-	0.50-6.00	0.15-0.45		●			

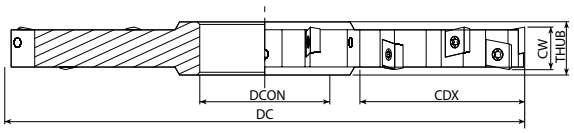
● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M493





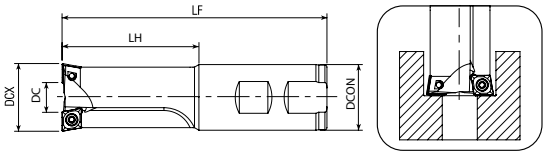


Order Code Kod zamówienia	ZEFP		DC	CW	CDX	DCON	THUB	INSERT
	TOTAL	EFFECTIVE						
M493A1210027080CC06	10	5	80	8	17	27	12	CC.. 0602..
M493A1212032100CC06	12	6	100	8	25	32	12	
M493A1214040125CC06	14	7	125	8	35	40	12	
M493A1216040160CC06	16	8	160	8	52	40	12	
M493A1218040200CC06	18	9	200	8	70	40	12	
M493A1410027080CC06	10	5	80	10	17	27	14	
M493A1412032100CC06	12	6	100	10	25	32	14	
M493A1414040125CC06	14	7	125	10	35	40	14	
M493A1416040160CC06	16	8	160	10	52	40	14	
M493A1418040200CC06	18	9	200	10	70	40	14	
M493A1608027080CC09	8	4	80	12	17	27	16	CC.. 09T3..
M493A1610032100CC09	10	5	100	12	25	32	16	
M493A1612040125CC09	12	6	125	12	35	40	16	
M493A1614040160CC09	14	7	160	12	52	40	16	
M493A1616040200CC09	16	8	200	12	70	40	16	
M493A1808027080CC09	8	4	80	14	17	27	18	
M493A1810032100CC09	10	5	100	14	25	32	18	
M493A1812040125CC09	12	6	125	14	35	40	18	
M493A1814040160CC09	14	7	160	14	52	40	18	CC.. 09T3..
M493A1816040200CC09	16	8	200	14	70	40	18	
M493A2006027080CC12	6	3	80	16	17	27	20	CC.. 1204..
M493A2008032100CC12	8	4	100	16	25	32	20	
M493A2010040125CC12	10	5	125	16	35	40	20	
M493A2012040160CC12	12	6	160	16	52	40	20	
M493A2014040200CC12	14	7	200	16	70	40	20	
M493A2206027080CC12	6	3	80	18	17	27	22	
M493A2208032100CC12	8	4	100	18	25	32	22	
M493A2210040125CC12	10	5	125	18	35	40	22	
M493A2212040160CC12	12	6	160	18	52	40	22	
M493A2214040200CC12	14	7	200	18	70	40	22	
M493A2216040250CC12	16	8	250	18	90	40	22	
M493A2406027080CC12	6	3	80	20	17	27	24	
M493A2408032100CC12	8	4	100	20	25	32	24	
M493A2410040125CC12	10	5	125	20	35	40	24	
M493A2412040160CC12	12	6	160	20	52	40	24	
M493A2414040200CC12	14	7	200	20	70	40	24	
M493A2416040250CC12	16	8	250	20	90	40	24	

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

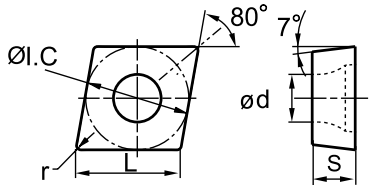
M40B





Order Code Kod zamówienia	DC	DCX	DCON	LH	LF	SCREWS	INSERT
M40B06176W1615002	6	17	16	30	150	-	
M40B06187W1610002C	7	18	16	32	100	M10	
M40B06187W1616002C	7	18	16	32	160	M10	CC.. 060204
M40B06209W2010002C	9	20	20	40	100	M12	
M40B06209W2016002C	9	20	20	38	160	M12	
M40B092685W2513002C	8.5	26	25	50	130	M16	
M40B092685W2520002C	8.5	26	25	50	200	M16	
M40B0930125W3213002C	12.5	30	32	65	130	-	CC.. 09T304
M40B0933155W3213002C	15.5	33	32	65	130	M20	
M40B0933155W3220002C	15.5	33	32	65	200	M20	

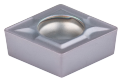
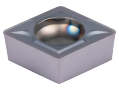
CC



	PVD		CVD		
	P1000	P3000	P5000	P6000	P7000
P	●			●	
M	●			●	
K	●			●	
N					
S					
H					

CCMT		L	I.C.	S	d
06	02	6.4	6.35	2.38	2.8
06	T3	9.7	9.525	3.97	4.4
12	04	12.9	12.7	4.76	5.56

● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
Unfavourable machining conditions
Niekorzystne warunki obróbki

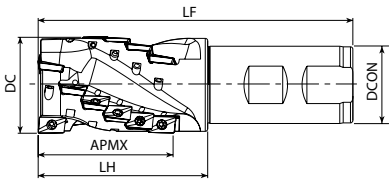
Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
	MEDIUM	CCMT060204CM	0.40	0.30-2.10	0.12-0.18	●				
		CCMT09T304CM	0.40	0.30-3.00	0.14-0.22	●			●	
		CCMT09T308CM	0.80	0.50-4.00	0.14-0.22	●			●	
		CCMT120408CM	0.80	0.50-5.00	0.18-0.30	●			●	

● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

M111

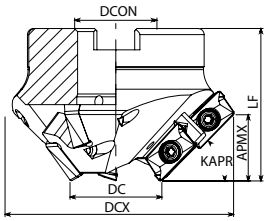




Order Code Kod zamówienia	ZEFP		DC	DCON	APMX	LH	LF	INSERT
	TOTAL	EFFECTIVE						
M111A2004W20087AP10	4	2	20	20	28	37	87	
M111A2006W20087AP10	6	2	20	20	28	37	87	
M111A2508W25105AP10	8	2	25	25	37	50	105	AP.. 1003..
M111A3215W32115AP10	15	3	32	32	46	55	115	
M111A4018W32130AP10	18	3	40	32	55	70	130	

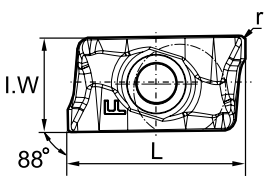
M135

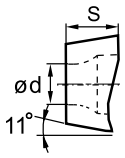




Order Code Kod zamówienia	ZEFP		KAPR	DC	DCX	DCON	APMX	LF	INSERT
	TOTAL	EFFECTIVE							
M13515AP16D3593A27C	6	3	15	35	93	27	8	50	
M13530AP16D3587A27C	6	3	30	35	87	27	15	50	
M13545AP16D3577A27C	6	3	45	35	77	27	21.5	50	AP.. 1604..
M13560AP16D3565A22C	6	3	60	35	65	22	26.5	50	
M13575AP16D3550A22C	6	3	75	35	50	22	29.5	50	

AP

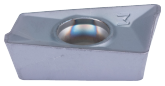




		PVD		CVD		
		P1000	P3000	P5000	P6000	P7000
P		●				
M		●				
K		●				
N						
S						
H						

APKT		L	S	d
10	03	10	3.5	2.8
11	T3	12.24	3.6	2.8
16	04	17.877	5.76	4.4

● Ideal machining conditions
Idealne warunki obróbki
◕ Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

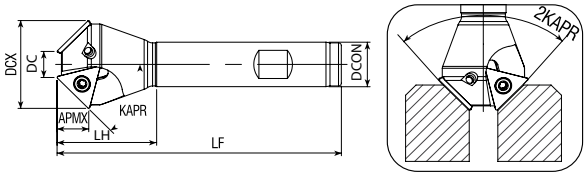
Insert shape Kształt płytki		Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
	MEDIUM	APKT100308PDTRCM	0.80	0.50-9.00	0.11-0.26		●			
		APKT1604PDTRCM	-	0.50-15.00	0.13-0.29		●			
		APKT160408PDTRCM	0.80	0.50-15.00	0.13-0.29		●			

● For P, M, K materials
● For K material only

INDEXABLE MILLING TOOLS NARZĘDZIA SKŁADANE DO FREZOWANIA

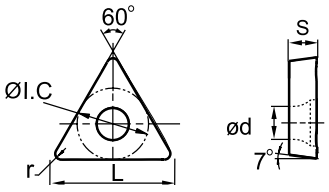
M401





Order Code Kod zamówienia	KAPR	DC	DCX	DCON	LF	LH	ZEFP	APMX	INSERT
M410161722W169001	10°	17	22	16	90	30	1	15.2	
M415161724W169001	15°	17	24	16	90	30	1	14.9	
M415162229W1610001	15°	22	29	16	100	30	1	14.9	
M415163037W2010002	15°	30	37	20	100	35	2	14.9	
M415163542W2010003	15°	35	42	20	100	38	3	14.9	
M415165259W2511003	15°	52	59	25	110	40	3	14.9	
M420161222W1610001	20°	12	22	16	100	30	1	14.4	
M420161727W1610001	20°	17	27	16	100	30	1	14.4	
M420162333W2010002	20°	23	33	20	100	30	2	14.4	
M420162838W2010002	20°	28	38	20	100	35	2	14.4	
M420163545W2010003	20°	35	45	20	100	40	3	14.4	TC.T 16T304
M420163949W2010003	20°	39	49	20	100	40	3	14.4	
M420164555W2511003	20°	45	55	25	110	40	3	14.4	
M420165161W2511003	20°	51	61	25	110	40	3	14.4	
M40016620W1610001	30°	6	20	16	100	30	1	13.3	
M400161530W1610001	30°	15	30	16	100	30	1	13.3	
M40016175325W2010002	30°	17.5	32.5	20	100	30	2	13.3	
M400162035W1610002	30°	20	35	16	100	35	2	13.3	
M400163045W2010002	30°	30	45	20	100	40	2	13.3	
M400163550W2010003	30°	35	50	20	100	40	3	13.3	
M400164560W2511003	30°	45	60	25	110	40	3	13.3	
M401111124W1610002	45°	11	24	16	100	25	2	6.9	TC.T 110204
M40116526W1610001	45°	5	26	16	100	30	1	10.8	
M401161031W1610002	45°	10	31	16	100	35	2	10.8	
M401161031W2010002	45°	10	31	20	100	35	2	10.8	
M401161839W1610002	45°	18	39	16	100	40	2	10.8	TC.T 16T304
M401161839W2010002	45°	18	39	20	100	40	2	10.8	
M401162041W2010002	45°	20	41	20	100	40	2	10.8	
M401163051W2010002	45°	30	51	20	100	40	2	10.8	

TC



		PVD		CVD		
P	●			◔		
M	●			◔		
K	●			◔		
N						
S						
H						

TCMT		L	I.C.	S	d
09	02	9.63	5.56	2.38	2.5
11	02	11	6.35	2.38	2.8
16	T3	16.5	9.525	3.97	4.4

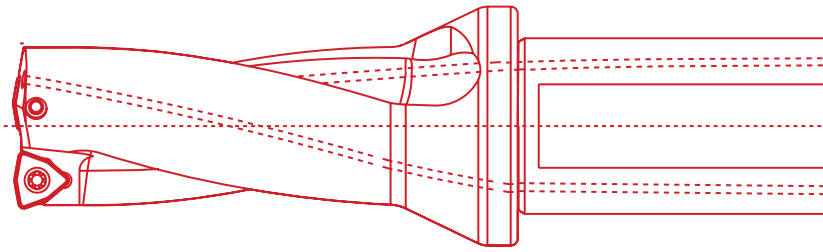
● Ideal machining conditions
Idealne warunki obróbki
◔ Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD P1000	PVD P3000	CVD P5000	CVD P6000	CVD P7000
MEDIUM	TCMT110204CM	0.40	0.30-2.10	0.08-0.17	●				
	TCMT16T304CM	0.40	0.30-3.00	0.08-0.18	●			●	
	TCMT16T308CM	0.80	0.50-5.00	0.12-0.35	●			●	



● For P, M, K materials
● For K material only

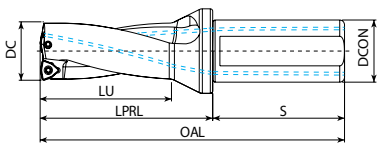
DRILLING
WIERCENIE



INDEXABLE DRILLS WIERTŁA SKŁADANE

DSFC 2D





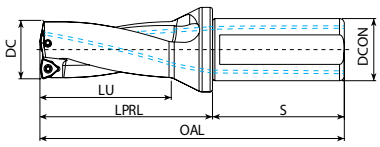


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DSFC0160003225BN	16	25	34	110	32	54	56	1.5	19	WCM. 030208	3008M25x6	80T08
DSFC0165003225BN	16.5	25	34	110	32	54	56	1.5	19.5	WCM. 030208	3008M25x6	80T08
DSFC0170003425BN	17	25	34	112	34	56	56	1.5	20	WCM. 030208	3008M25x6	80T08
DSFC0175003425BN	17.5	25	34	112	34	56	56	1.5	20.5	WCM. 030208	3008M25x6	80T08
DSFC0180003625BN	18	25	34	114	36	58	56	1.4	20.8	WCM. 030208	3008M25x6	80T08
DSFC0185003625BN	18.5	25	34	114	36	58	56	1.3	21.1	WCM. 030208	3008M25x6	80T08
DSFC0190003825BN	19	25	34	116	38	60	56	1.2	21.4	WCM. 030208	3008M25x6	80T08
DSFC0195003825BN	19.5	25	34	116	38	60	56	1.2	21.9	WCM. 030208	3008M25x6	80T08
DSFC0200004025BN	20	25	34	118	40	62	56	1.4	22.8	WCM. 040208	3008M25x6	80T08
DSFC0205004025BN	20.5	25	34	118	40	62	56	1.4	23.3	WCM. 040208	3008M25x6	80T08
DSFC0210004225BN	21	25	34	120	42	64	56	1	23	WCM. 040208	3008M25x6	80T08
DSFC0215004225BN	21.5	25	34	120	42	64	56	1	23.5	WCM. 040208	3008M25x6	80T08
DSFC0220004425BN	22	25	34	122	44	66	56	0.9	23.8	WCM. 040208	3008M25x6	80T08
DSFC0225004425BN	22.5	25	34	122	44	66	56	0.9	24.3	WCM. 040208	3008M25x6	80T08
DSFC0230004625BN	23	25	34	124	46	68	56	0.8	24.6	WCM. 040208	3008M25x6	80T08
DSFC0235004625BN	23.5	25	34	124	46	68	56	0.8	25.1	WCM. 040208	3008M25x6	80T08
DSFC0240004825BN	24	25	34	126	48	70	56	1.4	26.8	WCM. 050308	3008M3x8	80T08
DSFC0245004825BN	24.5	25	34	126	48	70	56	1.4	27.3	WCM. 050308	3008M3x8	80T08
DSFC0250005025BN	25	25	34	128	50	72	56	1.4	27.8	WCM. 050308	3008M3x8	80T08
DSFC0255005025BN	25.5	25	34	128	50	72	56	1.4	28.3	WCM. 050308	3008M3x8	80T08
DSFC0260005225BN	26	25	34	130	52	74	56	1.4	28.8	WCM. 050308	3008M3x8	80T08
DSFC0265005225BN	26.5	25	34	130	52	74	56	1.4	29.3	WCM. 050308	3008M3x8	80T08
DSFC0270005425BN	27	25	34	132	54	76	56	1.4	29.8	WCM. 050308	3008M3x8	80T08
DSFC0275005425BN	27.5	25	34	132	54	76	56	1.4	30.3	WCM. 050308	3008M3x8	80T08
DSFC0280005625BN	28	25	34	134	56	78	56	1.4	30.8	WCM. 050308	3008M3x8	80T08
DSFC0285005625BN	28.5	25	34	134	56	78	56	1.4	31.3	WCM. 050308	3008M3x8	80T08
DSFC0290005825BN	29	25	34	136	58	80	56	1.4	31.8	WCM. 050308	3008M3x8	80T08
DSFC0295005825BN	29.5	25	34	136	58	80	56	1.4	32.3	WCM. 050308	3008M3x8	80T08
DSFC0300006032BN	30	32	44	147	60	87	60	2.4	34.8	WCM. 06T308	3010M35x9	80T10
DSFC0310006232BN	31	32	44	149	62	89	60	2.3	35.6	WCM. 06T308	3010M35x9	80T10
DSFC0320006432BN	32	32	44	151	64	91	60	2.1	36.2	WCM. 06T308	3010M35x9	80T10
DSFC0330006632BN	33	32	44	153	66	93	60	1.9	36.8	WCM. 06T308	3010M35x9	80T10
DSFC0340006832BN	34	32	44	155	68	95	60	1.9	37.8	WCM. 06T308	3010M35x9	80T10
DSFC0350007032BN	35	32	44	157	70	97	60	1.8	38.6	WCM. 06T308	3010M35x9	80T10
DSFC0360007232BN	36	32	44	159	72	99	60	1.7	39.4	WCM. 06T308	3010M35x9	80T10
DSFC0370007432BN	37	32	44	161	74	101	60	1.6	40,2	WCM. 06T308	3010M35x9	80T10
DSFC0380007632BN	38	32	44	163	76	103	60	1.5	41	WCM. 06T308	3010M35x9	80T10
DSFC0390007832BN	39	32	44	165	78	105	60	1.3	41.6	WCM. 06T308	3010M35x9	80T10
DSFC0400008032BN	40	32	44	167	80	107	60	1	42	WCM. 06T308	3010M35x9	80T10
DSFC0410008232BN	41	32	44	169	82	109	60	0.8	42.6	WCM. 06T308	3010M35x9	80T10
DSFC0420008432BN	42	32	44	171	84	111	60	0.5	43	WCM. 06T308	3010M35x9	80T10
DSFC0430008632BN	43	32	44	173	86	113	60	0.3	43.6	WCM. 06T308	3010M35x9	80T10
DSFC0440008832BN	44	32	44	175	88	115	60	0	44	WCM. 06T308	3010M35x9	80T10
DSFC0450009040BN	45	40	54	192	90	122	70	3.3	51.6	WCM. 080412	4015M4x11	80T15
DSFC0460009240BN	46	40	54	194	92	124	70	3	52	WCM. 080412	4015M4x11	80T15
DSFC0470009440BN	47	40	54	196	94	126	70	2.8	52.6	WCM. 080412	4015M4x11	80T15
DSFC0480009640BN	48	40	54	198	96	128	70	2.5	53	WCM. 080412	4015M4x11	80T15
DSFC0490009840BN	49	40	54	200	98	130	70	2.2	53.4	WCM. 080412	4015M4x11	80T15
DSFC0500010040BN	50	40	54	202	100	132	70	2	54	WCM. 080412	4015M4x11	80T15
DSFC0510010240BN	51	40	54	204	102	134	70	1.8	54.6	WCM. 080412	4015M4x11	80T15

INDEXABLE DRILLS WIERTŁA SKŁADANE

DSFC 2D



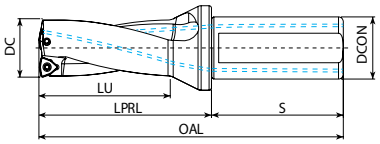




Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DSFC0520010440BN	52	40	54	206	104	136	70	1.5	55	WCM. 080412	4015M4x11	80T15
DSFC0530010640BN	53	40	54	208	106	138	70	1.3	55.6	WCM. 080412	4015M4x11	80T15
DSFC0540010840BN	54	40	54	210	108	140	70	1	56	WCM. 080412	4015M4x11	80T15
DSFC0550011040BN	55	40	54	212	110	142	70	0,8	56.6	WCM. 080412	4015M4x11	80T15
DSFC0560011240BN	56	40	64	214	112	144	70	0.5	57	WCM. 080412	4015M4x11	80T15
DSFC0570011440BN	57	40	64	216	114	146	70	0.3	57.6	WCM. 080412	4015M4x11	80T15
DSFC0580011640BN	58	40	64	218	116	148	70	0	58	WCM. 080412	4015M4x11	80T15
DSFC0590011840BN	59	40	64	220	118	150	70	0	59	WCM. 080412	4015M4x11	80T15
DSFC0600012040BN	60	40	64	222	120	152	70	0	60	WCM. 080412	4015M4x11	80T15

DSFC 3D





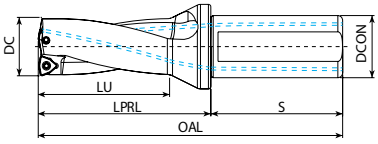


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DSFC0160004825BN	16	25	34	126	48	70	56	1.5	19	WCM. 030208	3008M25x6	80T08
DSFC0165004825BN	16.5	25	34	126	48	70	56	1.5	19.5	WCM. 030208	3008M25x6	80T08
DSFC0170005125BN	17	25	34	129	51	73	56	1.5	20	WCM. 030208	3008M25x6	80T08
DSFC0175005125BN	17.5	25	34	129	51	73	56	1.5	20.5	WCM. 030208	3008M25x6	80T08
DSFC0180005425BN	18	25	34	132	54	76	56	1.4	20.8	WCM. 030208	3008M25x6	80T08
DSFC0185005425BN	18.5	25	34	132	54	76	56	1.3	21.1	WCM. 030208	3008M25x6	80T08
DSFC0190005725BN	19	25	34	135	57	79	56	1.2	21.4	WCM. 030208	3008M25x6	80T08
DSFC0195005725BN	19.5	25	34	135	57	79	56	1.2	21.9	WCM. 030208	3008M25x6	80T08
DSFC0200006025BN	20	25	34	138	60	82	56	1.4	22.8	WCM. 040208	3008M25x6	80T08
DSFC0205006025BN	20.5	25	34	138	60	82	56	1.4	23.3	WCM. 040208	3008M25x6	80T08
DSFC0210006325BN	21	25	34	141	63	85	56	1	23	WCM. 040208	3008M25x6	80T08
DSFC0215006325BN	21.5	25	34	141	63	85	56	1	23.5	WCM. 040208	3008M25x6	80T08
DSFC0220006625BN	22	25	34	144	66	88	56	0.9	23.8	WCM. 040208	3008M25x6	80T08
DSFC0225006625BN	22.5	25	34	144	66	88	56	0.9	24.3	WCM. 040208	3008M25x6	80T08
DSFC0230006925BN	23	25	34	147	69	91	56	0.8	24.6	WCM. 040208	3008M25x6	80T08
DSFC0235006925BN	23.5	25	34	147	69	91	56	0.8	25.1	WCM. 040208	3008M25x6	80T08
DSFC0240007225BN	24	25	34	150	72	94	56	1.4	26.8	WCM. 050308	3008M3x8	80T08
DSFC0245007225BN	24.5	25	34	150	72	94	56	1.4	27.3	WCM. 050308	3008M3x8	80T08
DSFC0250007525BN	25	25	34	153	75	97	56	1.4	27.8	WCM. 050308	3008M3x8	80T08
DSFC0255007525BN	25.5	25	34	153	75	97	56	1.4	28.3	WCM. 050308	3008M3x8	80T08
DSFC0260007825BN	26	25	34	156	78	100	56	1.4	28.8	WCM. 050308	3008M3x8	80T08
DSFC0265007825BN	26.5	25	34	156	78	100	56	1.4	29.3	WCM. 050308	3008M3x8	80T08

INDEXABLE DRILLS WIERTŁA SKŁADANE

DSFC 3D





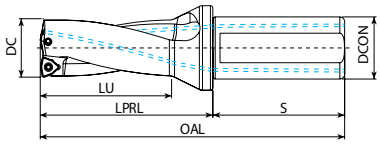


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DSFC0270008125BN	27	25	34	159	81	103	56	1.4	29.8	WCM. 050308	3008M3x8	80T08
DSFC0275008125BN	27.5	25	34	159	81	103	56	1.4	30.3	WCM. 050308	3008M3x8	80T08
DSFC0280008425BN	28	25	34	162	84	106	56	1.4	30.8	WCM. 050308	3008M3x8	80T08
DSFC0285008425BN	28.5	25	34	162	84	106	56	1.4	31.3	WCM. 050308	3008M3x8	80T08
DSFC0290008725BN	29	25	34	165	87	109	56	1.4	31.8	WCM. 050308	3008M3x8	80T08
DSFC0295008725BN	29.5	25	34	165	87	109	56	1.4	32.3	WCM. 050308	3008M3x8	80T08
DSFC0300009032BN	30	32	44	177	90	117	60	2.4	34.8	WCM. 06T308	3010M35x9	80T10
DSFC0305009032BN	30.5	32	44	177	90	117	60	2.4	35.3	WCM. 06T308	3010M35x9	80T10
DSFC0310009332BN	31	32	44	180	93	120	60	2.3	35.6	WCM. 06T308	3010M35x9	80T10
DSFC0315009332BN	31.5	32	44	180	93	120	60	2.3	36.1	WCM. 06T308	3010M35x9	80T10
DSFC0320009632BN	32	32	44	183	96	123	60	2.1	36.2	WCM. 06T308	3010M35x9	80T10
DSFC0325009632BN	32.5	32	44	183	96	123	60	2.1	36.7	WCM. 06T308	3010M35x9	80T10
DSFC0330009932BN	33	32	44	186	99	126	60	1.9	36.8	WCM. 06T308	3010M35x9	80T10
DSFC0335009932BN	33.5	32	44	186	99	126	60	1.9	37.3	WCM. 06T308	3010M35x9	80T10
DSFC0340010232BN	34	32	44	189	102	129	60	1.9	37.8	WCM. 06T308	3010M35x9	80T10
DSFC0345010232BN	34.5	32	44	189	102	129	60	1.9	38.3	WCM. 06T308	3010M35x9	80T10
DSFC0350010532BN	35	32	44	192	105	132	60	1.8	38.6	WCM. 06T308	3010M35x9	80T10
DSFC0355010532BN	35.5	32	44	192	105	132	60	1.8	39.1	WCM. 06T308	3010M35x9	80T10
DSFC0360010832BN	36	32	44	195	108	135	60	1.7	39.4	WCM. 06T308	3010M35x9	80T10
DSFC0365010832BN	36.5	32	44	195	108	135	60	2	40.5	WCM. 06T308	3010M35x9	80T10
DSFC0370011132BN	37	32	44	198	111	138	60	1.6	40.2	WCM. 06T308	3010M35x9	80T10
DSFC0375011132BN	37.5	32	44	198	111	138	60	1.8	41.1	WCM. 06T308	3010M35x9	80T10
DSFC0380011432BN	38	32	44	201	114	141	60	1.5	41	WCM. 06T308	3010M35x9	80T10
DSFC0385011432BN	38.5	32	44	201	114	141	60	1.5	41.5	WCM. 06T308	3010M35x9	80T10
DSFC0390011732BN	39	32	44	204	117	144	60	1.3	41.6	WCM. 06T308	3010M35x9	80T10
DSFC0395011732BN	39.5	32	44	204	117	144	60	1.3	42.1	WCM. 06T308	3010M35x9	80T10
DSFC0400012032BN	40	32	44	207	120	147	60	1	42	WCM. 06T308	3010M35x9	80T10
DSFC0405012032BN	40.5	32	44	207	120	147	60	1	42.5	WCM. 06T308	3010M35x9	80T10
DSFC0410012332BN	41	32	44	210	123	150	60	0.8	42.6	WCM. 06T308	3010M35x9	80T10
DSFC0415012332BN	41.5	32	44	210	123	150	60	0.8	43.1	WCM. 06T308	3010M35x9	80T10
DSFC0420012632BN	42	32	44	213	126	153	60	0.5	43	WCM. 06T308	3010M35x9	80T10
DSFC0425012632BN	42.5	32	44	213	126	153	60	0.5	43.5	WCM. 06T308	3010M35x9	80T10
DSFC0430012932BN	43	32	44	216	129	156	60	0.3	43.1	WCM. 06T308	3010M35x9	80T10
DSFC0435012932BN	43.5	32	44	216	129	156	60	0.3	44.1	WCM. 06T308	3010M35x9	80T10
DSFC0440013232BN	44	32	44	219	132	159	60	0	44	WCM. 06T308	3010M35x9	80T10
DSFC0445013232BN	44.5	32	44	219	132	159	60	0	44.5	WCM. 06T308	3010M35x9	80T10
DSFC0450013540BN	45	40	54	237	135	167	70	3.3	51.6	WCM. 080412	4015M4x11	80T15
DSFC0455013540BN	45.5	40	54	237	135	167	70	3.3	52.1	WCM. 080412	4015M4x11	80T15
DSFC0460013840BN	46	40	54	240	138	170	70	3	52	WCM. 080412	4015M4x11	80T15

INDEXABLE DRILLS WIERTŁA SKŁADANE

DSFC 3D



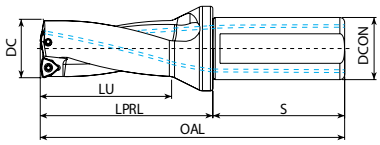




Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DSFC0470014140BN	47	40	54	243	141	173	70	2.8	52.6	WCM. 080412	4015M4x11	80T15
DSFC0480014440BN	48	40	54	246	144	176	70	2.5	53	WCM. 080412	4015M4x11	80T15
DSFC0490014740BN	49	40	54	249	147	179	70	2.2	53.4	WCM. 080412	4015M4x11	80T15
DSFC0500015040BN	50	40	54	252	150	182	70	2	54	WCM. 080412	4015M4x11	80T15
DSFC0510015340BN	51	40	54	255	153	185	70	1.8	54.6	WCM. 080412	4015M4x11	80T15
DSFC0520015640BN	52	40	54	258	156	188	70	1.5	55	WCM. 080412	4015M4x11	80T15
DSFC0530015940BN	53	40	54	261	159	191	70	1.3	55.6	WCM. 080412	4015M4x11	80T15
DSFC0540016240BN	54	40	54	264	162	194	70	1	56	WCM. 080412	4015M4x11	80T15
DSFC0550016540BN	55	40	54	267	165	197	70	0.8	56.6	WCM. 080412	4015M4x11	80T15
DSFC0560016840BN	56	40	64	270	168	200	70	0.5	57	WCM. 080412	4015M4x11	80T15
DSFC0570017140BN	57	40	64	273	171	203	70	0.3	57.6	WCM. 080412	4015M4x11	80T15
DSFC0580017440BN	58	40	64	276	174	206	70	0	58	WCM. 080412	4015M4x11	80T15
DSFC0590017740BN	59	40	64	279	177	209	70	0	59	WCM. 080412	4015M4x11	80T15
DSFC0600018040BN	60	40	64	282	180	212	70	0	60	WCM. 080412	4015M4x11	80T15

DSFC 4D





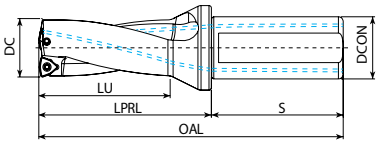


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DSFC0160006425BN	16	25	34	142	64	86	56	1.5	19	WCM. 030208	3008M25x6	80T08
DSFC0165006425BN	16.5	25	34	142	64	86	56	1.5	19.5	WCM. 030208	3008M25x6	80T08
DSFC0170006825BN	17	25	34	146	68	90	56	1.5	20	WCM. 030208	3008M25x6	80T08
DSFC0175006825BN	17.5	25	34	146	68	90	56	1.5	20.5	WCM. 030208	3008M25x6	80T08
DSFC0180007225BN	18	25	34	150	72	94	56	1.4	20.8	WCM. 030208	3008M25x6	80T08
DSFC0185007225BN	18.5	25	34	150	72	94	56	1.3	21.1	WCM. 030208	3008M25x6	80T08
DSFC0190007625BN	19	25	34	154	76	98	56	1.2	21.4	WCM. 030208	3008M25x6	80T08
DSFC0195007625BN	19.5	25	34	154	76	98	56	1.2	21.9	WCM. 030208	3008M25x6	80T08
DSFC0200008025BN	20	25	34	158	80	102	56	1.4	22.8	WCM. 040208	3008M25x6	80T08
DSFC0205008025BN	20.5	25	34	158	80	102	56	1.4	23.3	WCM. 040208	3008M25x6	80T08
DSFC0210008425BN	21	25	34	162	84	106	56	1	23	WCM. 040208	3008M25x6	80T08
DSFC0215008425BN	21.5	25	34	162	84	106	56	1	23.5	WCM. 040208	3008M25x6	80T08
DSFC0220008825BN	22	25	34	166	88	110	56	0.9	23.8	WCM. 040208	3008M25x6	80T08
DSFC0225008825BN	22.5	25	34	166	88	110	56	0.9	24.3	WCM. 040208	3008M25x6	80T08
DSFC0230009225BN	23	25	34	170	92	114	56	0.8	24.6	WCM. 040208	3008M25x6	80T08
DSFC0235009225BN	23.5	25	34	170	92	114	56	0.8	25.1	WCM. 040208	3008M25x6	80T08

INDEXABLE DRILLS WIERTŁA SKŁADANE

DSFC 4D



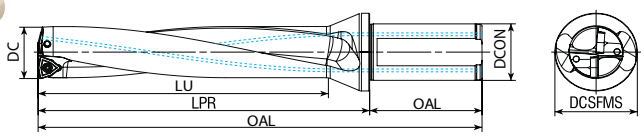


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DSFC0240009625BN	24	25	34	174	96	118	56	1.4	26.8	WCM. 050308	3008M3x8	80T08
DSFC0245009625BN	24.5	25	34	174	96	118	56	1.4	27.3	WCM. 050308	3008M3x8	80T08
DSFC0250010025BN	25	25	34	178	100	122	56	1.4	27.8	WCM. 050308	3008M3x8	80T08
DSFC0255010025BN	25.5	25	34	178	100	122	56	1.4	28.3	WCM. 050308	3008M3x8	80T08
DSFC0260010425BN	26	25	34	182	104	126	56	1.4	28.8	WCM. 050308	3008M3x8	80T08
DSFC0265010425BN	26.5	25	34	182	104	126	56	1.4	29.3	WCM. 050308	3008M3x8	80T08
DSFC0270010825BN	27	25	34	186	108	130	56	1.4	29.8	WCM. 050308	3008M3x8	80T08
DSFC0275010825BN	27.5	25	34	186	108	130	56	1.4	30.3	WCM. 050308	3008M3x8	80T08
DSFC0280011225BN	28	25	34	190	112	134	56	1.4	30.8	WCM. 050308	3008M3x8	80T08
DSFC0285011225BN	28.5	25	34	190	112	134	56	1.4	31.3	WCM. 050308	3008M3x8	80T08
DSFC0290011625BN	29	25	34	194	116	138	56	1.4	31.8	WCM. 050308	3008M3x8	80T08
DSFC0295011625BN	29.5	25	34	194	116	138	56	1.4	32.3	WCM. 050308	3008M3x8	80T08
DSFC0300012032BN	30	32	44	207	120	147	60	2.4	34.8	WCM. 06T308	3010M35x9	80T10
DSFC0310012432BN	31	32	44	211	124	151	60	2.3	35.6	WCM. 06T308	3010M35x9	80T10
DSFC0320012832BN	32	32	44	215	128	155	60	2.1	36.2	WCM. 06T308	3010M35x9	80T10
DSFC0330013232BN	33	32	44	219	132	159	60	1.9	36.8	WCM. 06T308	3010M35x9	80T10
DSFC0335013232BN	33.5	32	44	219	132	159	60	1.9	37.3	WCM. 06T308	3010M35x9	80T10
DSFC0340013632BN	34	32	44	223	136	163	60	1.9	37.8	WCM. 06T308	3010M35x9	80T10
DSFC0350014032BN	35	32	44	227	140	167	60	1.8	38.6	WCM. 06T308	3010M35x9	80T10
DSFC0360014432BN	36	32	44	231	144	171	60	1.7	39.4	WCM. 06T308	3010M35x9	80T10
DSFC0370014832BN	37	32	44	235	148	175	60	1.6	40.2	WCM. 06T308	3010M35x9	80T10
DSFC0380015232BN	38	32	44	239	152	179	60	1.5	41	WCM. 06T308	3010M35x9	80T10
DSFC0385015232BN	38.5	32	44	239	152	179	60	1.5	41.5	WCM. 06T308	3010M35x9	80T10
DSFC0390015632BN	39	32	44	243	156	183	60	1.3	41.6	WCM. 06T308	3010M35x9	80T10
DSFC0400016032BN	40	32	44	247	160	187	60	1	42	WCM. 06T308	3010M35x9	80T10
DSFC0410016432BN	41	32	44	251	164	191	60	0.8	42.6	WCM. 06T308	3010M35x9	80T10
DSFC0420016832BN	42	32	44	255	168	195	60	0.5	43	WCM. 06T308	3010M35x9	80T10
DSFC0430017232BN	43	32	44	259	172	199	60	0.3	43.6	WCM. 06T308	3010M35x9	80T10
DSFC0440017632BN	44	32	44	263	176	203	60	0	44	WCM. 06T308	3010M35x9	80T10
DSFC0450018040BN	45	40	54	282	180	212	70	3.3	51.6	WCM. 080412	4015M4x11	80T15
DSFC0460018440BN	46	40	54	286	184	216	70	3	52	WCM. 080412	4015M4x11	80T15
DSFC0470018840BN	47	40	54	290	188	220	70	2.8	52.6	WCM. 080412	4015M4x11	80T15
DSFC0480019240BN	48	40	54	294	192	224	70	2.5	53	WCM. 080412	4015M4x11	80T15
DSFC0490019640BN	49	40	54	298	196	228	70	2.2	53.4	WCM. 080412	4015M4x11	80T15
DSFC0500020040BN	50	40	54	302	200	232	70	2	54	WCM. 080412	4015M4x11	80T15

INDEXABLE DRILLS WIERTŁA SKŁADANE

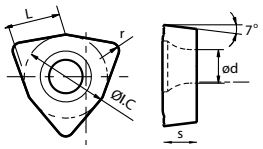
DSFC 5D





Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DSFC0200010025BN	20	25	34	178	100	122	56	1.4	22.8	WCM. 040208	3008M25x6	80T08
DSFC0210010525BN	21	25	34	183	105	127	56	1	23	WCM. 040208	3008M25x6	80T08
DSFC0220011025BN	22	25	34	188	110	132	56	0.9	23.8	WCM. 040208	3008M25x6	80T08
DSFC0230011525BN	23	25	34	193	115	137	56	0.8	24.6	WCM. 040208	3008M25x6	80T08
DSFC0240012025BN	24	25	34	198	120	142	56	1.4	26.8	WCM. 050308	3008M3x8	80T08
DSFC0250012525BN	25	25	34	203	125	147	56	1.4	27.8	WCM. 050308	3008M3x8	80T08
DSFC0260013025BN	26	25	34	208	130	152	56	1.4	28.8	WCM. 050308	3008M3x8	80T08
DSFC0270013525BN	27	25	34	213	135	157	56	1.4	29.8	WCM. 050308	3008M3x8	80T08
DSFC0280014025BN	28	25	34	218	140	162	56	1.4	30.8	WCM. 050308	3008M3x8	80T08
DSFC0290014525BN	29	25	34	223	145	167	56	1.4	31.8	WCM. 050308	3008M3x8	80T08
DSFC0300015032BN	30	32	44	237	150	177	60	2.4	34.8	WCM. 06T308	3010M35x9	80T10
DSFC0310015532BN	31	32	44	242	155	182	60	2.3	35.6	WCM. 06T308	3010M35x9	80T10
DSFC0320016032BN	32	32	44	247	160	187	60	2.1	36.2	WCM. 06T308	3010M35x9	80T10
DSFC0330016532BN	33	32	44	252	165	192	60	1.9	36.8	WCM. 06T308	3010M35x9	80T10
DSFC0340017032BN	34	32	44	257	170	197	60	1.9	37.8	WCM. 06T308	3010M35x9	80T10
DSFC0350017532BN	35	32	44	262	175	202	60	1.8	38.6	WCM. 06T308	3010M35x9	80T10
DSFC0370018532BN	37	32	44	272	185	212	60	1.6	40.2	WCM. 06T308	3010M35x9	80T10
DSFC0380019032BN	38	32	44	277	190	217	60	1.5	41	WCM. 06T308	3010M35x9	80T10
DSFC0460023040BN	46	40	54	332	230	262	70	3	52	WCM. 080412	4015M4x11	80T15

WC



P		●				
M		●				
K		●				
N						
S						
H						

WCMX		L	I.C.	S	d
04	02	4.3	6.35	2.38	3.1
06	T3	6.5	9.525	3.97	3.7
08	04	8.7	12.7	4.76	4.3

● Ideal machining conditions
Idealne warunki obróbki
◕ Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki



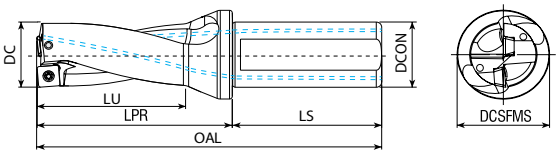
Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	PVD		CVD		
					P1000	P3000	P5000	P6000	P7000
MEDIUM	WCMX030208CM	0.80	-	0.04-0.10		●			
	WCMX040208CM	0.80	-	0.04-0.10		●			
	WCMX050308CM	0.80	-	0.05-0.11		●			
	WCMX06T308CM	0.80	-	0.06-0.12		●			
	WCMX080412CM	1.20	-	0.06-0.15		●			

● For P, M, K materials
● For K material only

INDEXABLE DRILLS WIERTŁA SKŁADANE

DXFC 2D



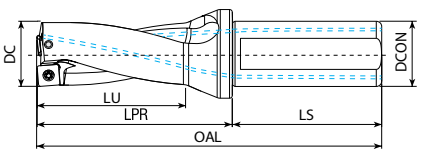


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DXFC0125002420BN	12.5	20	25	96	24	46	50	0.5	13.5	SP.. 050204	3006M2x4	80T06
DXFC0130002620BN	13	20	25	98	26	48	50	0.5	14	SP.. 050204	3006M2x4	80T06
DXFC0135002620BN	13.5	20	25	98	26	48	50	0.5	14.5	SP.. 050204	3006M2x4	80T06
DXFC0140002820BN	14	20	25	100	28	50	50	0.5	15	SP.. 050204	3006M2x4	80T06
DXFC0145002820BN	14.5	20	25	100	28	50	50	0.5	15.5	SP.. 050204	3006M2x4	80T06
DXFC0150003020BN	15	20	25	102	30	52	50	0.5	16	SP.. 050204	3006M2x4	80T06
DXFC0155003020BN	15.5	20	25	102	30	52	50	0.5	16.5	SP.. 060204	3007M22x5	80T07
DXFC0160003225BN	16	25	34	110	32	54	56	0.5	17	SP.. 060204	3007M22x5	80T07
DXFC0165003225BN	16.5	25	34	110	32	54	56	0.5	17.5	SP.. 060204	3007M22x5	80T07
DXFC0170003425BN	17	25	34	112	34	56	56	0.5	18	SP.. 060204	3007M22x5	80T07
DXFC0175003425BN	17.5	25	34	112	34	56	56	0.5	18.5	SP.. 060204	3007M22x5	80T07
DXFC0180003625BN	18	25	34	114	36	58	56	0.5	19	SP.. 060204	3007M22x5	80T07
DXFC0185003625BN	18.5	25	34	114	36	58	56	0.5	19.5	SP.. 060204	3007M22x5	80T07
DXFC0190003825BN	19	25	34	116	38	60	56	0.25	19.5	SP.. 060204	3007M22x5	80T07
DXFC0195003825BN	19.5	25	34	116	38	60	56	0.25	20	SP.. 060204	3007M22x5	80T07
DXFC0200004025BN	20	25	34	118	40	62	56	0	20	SP.. 060204	3007M22x5	80T07
DXFC0205004025BN	20.5	25	34	118	40	62	56	0	20.5	SP.. 060204	3007M22x5	80T07
DXFC0210004225BN	21	25	34	120	42	64	56	0	21	SP.. 060204	3007M22x5	80T07
DXFC0215004225BN	21.5	25	34	120	42	64	56	0	21.5	SP.. 060204	3007M22x5	80T07
DXFC0220004425BN	22	25	34	122	44	66	56	0.5	23	SP.. 07T308	3008M25X6	80T08
DXFC0225004425BN	22.5	25	34	122	44	66	56	0.5	23.5	SP.. 07T308	3008M25X6	80T08
DXFC0230004625BN	23	25	34	124	46	68	56	0.5	24	SP.. 07T308	3008M25X6	80T08
DXFC0235004625BN	23.5	25	34	124	46	68	56	0.5	24.5	SP.. 07T308	3008M25X6	80T08
DXFC0240004825BN	24	25	34	126	48	70	56	0.5	25	SP.. 07T308	3008M25X6	80T08
DXFC0245004825BN	24.5	25	34	126	48	70	56	0.5	25.5	SP.. 07T308	3008M25X6	80T08
DXFC0250005025BN	25	25	34	128	50	72	56	0.25	25.5	SP.. 07T308	3008M25X6	80T08
DXFC0255005025BN	25.5	25	34	128	50	72	56	0.25	26	SP.. 07T308	3008M25X6	80T08
DXFC0260005225BN	26	25	34	130	52	74	56	0	26	SP.. 07T308	3008M25X6	80T08
DXFC0265005225BN	26.5	25	34	130	52	74	56	0	26.5	SP.. 07T308	3008M25X6	80T08
DXFC0270005425BN	27	25	34	132	54	76	56	0	27	SP.. 07T308	3008M25X6	80T08
DXFC0275005425BN	27.5	25	34	132	54	76	56	0	27.5	SP.. 07T308	3008M25X6	80T08
DXFC0280005625BN	28	25	34	134	56	78	56	0.5	29	SP.090408	4015M35x9	80T15
DXFC0285005625BN	28.5	25	34	134	56	78	56	0.5	29.5	SP.090408	4015M35x9	80T15
DXFC0290005825BN	29	25	34	136	58	80	56	0.5	30	SP.090408	4015M35x9	80T15
DXFC0295005825BN	29.5	25	34	136	58	80	56	0.5	30.5	SP.090408	4015M35x9	80T15
DXFC0300006032BN	30	32	44	147	60	87	60	0.5	31	SP.090408	4015M35x9	80T15
DXFC0310006232BN	31	32	44	149	62	89	60	0.25	31.5	SP.090408	4015M35x9	80T15
DXFC0320006432BN	32	32	44	151	64	91	60	0	32	SP.090408	4015M35x9	80T15
DXFC0330006632BN	33	32	44	153	66	93	60	0	33	SP.090408	4015M35x9	80T15
DXFC0340006832BN	34	32	44	155	68	95	60	0.5	35	SP.. 110408	4015M4x11	80T15
DXFC0350007032BN	35	32	44	157	70	97	60	0.5	36	SP.. 110408	4015M4x11	80T15
DXFC0360007232BN	36	32	44	159	72	99	60	0.5	37	SP.. 110408	4015M4x11	80T15
DXFC0370007432BN	37	32	44	161	74	101	60	0.5	38	SP.. 110408	4015M4x11	80T15
DXFC0380007632BN	38	32	44	163	76	103	60	0.5	39	SP.. 110408	4015M4x11	80T15
DXFC0390007832BN	39	32	44	165	78	105	60	0.5	40	SP.. 110408	4015M4x11	80T15
DXFC0400008032BN	40	32	44	167	80	107	60	0.25	40.5	SP.. 110408	4015M4x11	80T15
DXFC0410008232BN	41	32	44	169	82	109	60	0	41	SP.. 110408	4015M4x11	80T15
DXFC0420008432BN	42	32	44	171	84	111	60	0.5	43	SP..140512	1020M5x11	80T20
DXFC0430008632BN	43	32	44	173	86	113	60	0.5	44	SP..140512	1020M5x11	80T20
DXFC0440008832BN	44	32	44	175	88	115	60	0.5	45	SP..140512	1020M5x11	80T20

INDEXABLE DRILLS WIERTŁA SKŁADANE

DXFC 2D

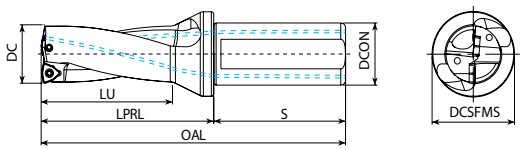




Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DXFC0450009040BN	45	40	54	192	90	122	70	0.5	46	SP..140512	1020M5x11	80T20
DXFC0460009240BN	46	40	54	194	92	124	70	0.5	47	SP..140512	1020M5x11	80T20
DXFC0470009440BN	47	40	54	196	94	126	70	0.5	48	SP..140512	1020M5x11	80T20
DXFC0480009640BN	48	40	54	198	96	128	70	0.25	48.5	SP..140512	1020M5x11	80T20
DXFC0490009840BN	49	40	54	200	98	130	70	0	49	SP..140512	1020M5x11	80T20
DXFC0500010040BN	50	40	54	202	100	132	70	0	50	SP..140512	1020M5x11	80T20

DXFC 3D



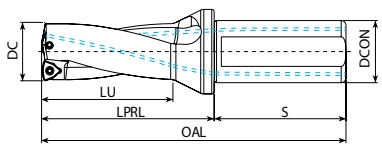


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DXFC0125003620BN	12.5	20	25	108	36	58	50	0.5	13.5	SP.. 050204	3006M2x4	80T06
DXFC0130003920BN	13	20	25	111	39	61	50	0.5	14	SP.. 050204	3006M2x4	80T06
DXFC0135003920BN	13.5	20	25	111	39	61	50	0.5	14.5	SP.. 050204	3006M2x4	80T06
DXFC0140004220BN	14	20	25	114	42	64	50	0.5	15	SP.. 050204	3006M2x4	80T06
DXFC0145004220BN	14.5	20	25	114	42	64	50	0.5	15.5	SP.. 050204	3006M2x4	80T06
DXFC0150004520BN	15	20	25	117	45	67	50	0.5	16	SP.. 050204	3006M2x4	80T06
DXFC0155004520BN	15.5	20	25	117	45	67	50	0.5	16.5	SP.. 060204	3007M22x5	80T07
DXFC0160004825BN	16	25	34	126	48	70	56	0.5	17	SP.. 060204	3007M22x5	80T07
DXFC0165004825BN	16.5	25	34	126	48	70	56	0.5	17.5	SP.. 060204	3007M22x5	80T07
DXFC0170005125BN	17	25	34	129	51	73	56	0.5	18	SP.. 060204	3007M22x5	80T07
DXFC0175005125BN	17.5	25	34	129	51	73	56	0.5	18.5	SP.. 060204	3007M22x5	80T07
DXFC0180005425BN	18	25	34	132	54	76	56	0.5	19	SP.. 060204	3007M22x5	80T07
DXFC0185005425BN	18.5	25	34	132	54	76	56	0.5	19.5	SP.. 060204	3007M22x5	80T07
DXFC0190005725BN	19	25	34	135	57	79	56	0.25	19.5	SP.. 060204	3007M22x5	80T07
DXFC0195005725BN	19.5	25	34	135	57	79	56	0.25	20	SP.. 060204	3007M22x5	80T07
DXFC0200006025BN	20	25	34	138	60	82	56	0	20	SP.. 060204	3007M22x5	80T07
DXFC0205006025BN	20.5	25	34	138	60	82	56	0	20.5	SP.. 060204	3007M22x5	80T07
DXFC0210006325BN1	21	25	34	141	63	85	56	0	21	SP.. 060204	3007M22x5	80T07
DXFC0215006325BN	21.5	25	34	141	63	85	56	0	21.5	SP.. 060204	3007M22x5	80T07
DXFC0220006625BN	22	25	34	144	66	88	56	0.5	23	SP.. 07T308	3008M25x6	80T08
DXFC0225006625BN	22.5	25	34	144	66	88	56	0.5	23.5	SP.. 07T308	3008M25x6	80T08
DXFC0230006925BN	23	25	34	147	69	91	56	0.5	24	SP.. 07T308	3008M25x6	80T08
DXFC0235006925BN	23.5	25	34	147	69	91	56	0.5	24.5	SP.. 07T308	3008M25x6	80T08
DXFC0240007225BN	24	25	34	150	72	94	56	0.5	25	SP.. 07T308	3008M25x6	80T08
DXFC0245007225BN	24.5	25	34	150	72	94	56	0.5	25.5	SP.. 07T308	3008M25x6	80T08
DXFC0250007525BN	25	25	34	153	75	97	56	0.25	25.5	SP.. 07T308	3008M25x6	80T08
DXFC0255007525BN	25.5	25	34	153	75	97	56	0.25	26	SP.. 07T308	3008M25x6	80T08
DXFC0260007825BN	26	25	34	156	78	100	56	0	26	SP.. 07T308	3008M25x6	80T08
DXFC0265007825BN	26.5	25	34	156	78	100	56	0	26.5	SP.. 07T308	3008M25x6	80T08

INDEXABLE DRILLS WIERTŁA SKŁADANE

DXFC 3D





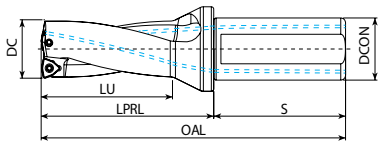


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DXFC0270008125BN	27	25	34	159	81	103	56	0	27	SP.. 07T308	3008M25x6	80T08
DXFC0275008125BN	27.5	25	34	159	81	103	56	0	27.5	SP.. 07T308	3008M25x6	80T08
DXFC0280008425BN	28	25	34	162	84	106	56	0.5	29	SP.. 090408	4015M35x9	80T15
DXFC0285008425BN	28.5	25	34	162	84	106	56	0.5	29.5	SP.. 090408	4015M35x9	80T15
DXFC0290008725BN	29	25	34	165	87	109	56	0.5	30	SP.. 090408	4015M35x9	80T15
DXFC0295008725BN	29.5	25	34	165	87	109	56	0.5	30.5	SP.. 090408	4015M35x9	80T15
DXFC0300009032BN1	30	32	44	177	90	117	60	0.5	31	SP.. 090408	4015M35x9	80T15
DXFC0305009032BN	30.5	32	44	177	90	117	60	0.5	31.5	SP.. 090408	4015M35x9	80T15
DXFC0310009332BN	31	32	44	180	93	120	60	0.25	31.5	SP.. 090408	4015M35x9	80T15
DXFC0315009332BN	31.5	32	44	180	93	120	60	0.25	32	SP.. 090408	4015M35x9	80T15
DXFC0320009632BN	32	32	44	183	96	123	60	0	32	SP.. 090408	4015M35x9	80T15
DXFC0325009632BN	32.5	32	44	183	96	123	60	0	32.5	SP.. 090408	4015M35x9	80T15
DXFC0330009932BN1	33	32	44	186	99	126	60	0	33	SP.. 090408	4015M35x9	80T15
DXFC0335009932BN	33.5	32	44	186	99	126	60	0	33.5	SP.. 090408	4015M35x9	80T15
DXFC0340010232BN	34	32	44	189	102	129	60	1.4	30.8	SP.. 110408	4015M4x11	80T15
DXFC0345010232BN	34.5	32	44	189	102	129	60	1.4	31.3	SP.. 110408	4015M4x11	80T15
DXFC0350010532BN	35	32	44	192	105	132	60	1.4	31.8	SP.. 110408	4015M4x11	80T15
DXFC0355010532BN	35.5	32	44	192	105	132	60	1.4	32.3	SP.. 110408	4015M4x11	80T15
DXFC0210008425BN1	36	32	44	195	108	135	60	2.4	34.8	SP.. 110408	4015M4x11	80T15
DXFC0365010832BN	36.5	32	44	195	108	135	60	2.3	35.6	SP.. 110408	4015M4x11	80T15
DXFC0370011132BN	37	32	44	198	111	138	60	2.1	36.2	SP.. 110408	4015M4x11	80T15
DXFC0375011132BN	37.5	32	44	198	111	138	60	1.9	36.8	SP.. 110408	4015M4x11	80T15
DXFC0380011432BN	38	32	44	201	114	141	60	1.9	37.8	SP.. 110408	4015M4x11	80T15
DXFC0385011432BN	38.5	32	44	201	114	141	60	1.8	38.6	SP.. 110408	4015M4x11	80T15
DXFC0210010525BN	39	32	44	204	117	144	60	1.7	39.4	SP.. 110408	4015M4x11	80T15
DXFC0395011732BN	39.5	32	44	204	117	144	60	1.6	40.2	SP.. 110408	4015M4x11	80T15
DXFC0400012032BN	40	32	44	207	120	147	60	1.5	41	SP.. 110408	4015M4x11	80T15
DXFC0405012032BN	40.5	32	44	207	120	147	60	1.3	41.6	SP.. 110408	4015M4x11	80T15
DXFC0210006325BN	41	32	44	210	123	150	60	1	42	SP.. 110408	4015M4x11	80T15
DXFC0415012332BN	41.5	32	44	210	123	150	60	0.8	42.6	SP.. 110408	4015M4x11	80T15
DXFC0420012632BN	42	32	44	213	126	153	60	0.5	43	SP.. 140512	1020M5x11	80T20
DXFC0425012632BN	42.5	32	44	213	126	153	60	0.3	43.6	SP.. 140512	1020M5x11	80T20
DXFC0430012932BN	43	32	44	216	129	156	60	0	44	SP.. 140512	1020M5x11	80T20
DXFC0435012932BN	43.5	32	44	216	129	156	60	3.3	51.6	SP.. 140512	1020M5x11	80T20
DXFC0440013232BN	44	32	44	219	132	159	60	3	52	SP.. 140512	1020M5x11	80T20
DXFC0445013232BN	44.5	32	44	219	132	159	60	2.8	52.6	SP.. 140512	1020M5x11	80T20
DXFC0450013540BN	45	40	54	237	135	167	70	2.5	53	SP.. 140512	1020M5x11	80T20
DXFC0455013540BN	45.5	40	54	237	135	167	70	2.2	53.4	SP.. 140512	1020M5x11	80T20
DXFC0460013840BN	46	40	54	240	138	170	70	2	54	SP.. 140512	1020M5x11	80T20
DXFC0470014140BN	47	40	54	243	141	173	70	0.2	47.4	SP.. 140512	1020M5x11	80T20
DXFC0480014440BN	48	40	54	246	144	176	70	0	48	SP.. 140512	1020M5x11	80T20
DXFC0490014740BN	49	40	54	249	147	179	70	0	49	SP.. 140512	1020M5x11	80T20
DXFC0500015040BN	50	40	54	252	150	182	70	0	50	SP.. 140512	1020M5x11	80T20
DXFC0510015340BN	51	40	54	255	153	185	70	0	51	SP.. 140512	1020M5x11	80T20
DXFC0520015640BN	52	40	54	258	156	188	70	0	52	SP.. 140512	1020M5x11	80T20

INDEXABLE DRILLS WIERTŁA SKŁADANE

DXFC 4D

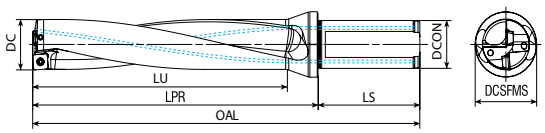




Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DXFC0130005220BN	13	20	25	124	52	74	50	0.5	14	SP.. 050204	3006M2x4	80T06
DXFC0140005620BN	14	20	25	128	56	78	50	0.5	15	SP.. 050204	3006M2x4	80T06
DXFC0150006020BN	15	20	25	132	60	82	50	0.5	16	SP.. 050204	3006M2x4	80T06
DXFC0160006425BN	16	25	34	142	64	86	56	0.5	17	SP.. 060204	3007M22x5	80T07
DXFC0170006825BN1	17	25	34	146	68	90	56	0.5	18	SP.. 060204	3007M22x5	80T07
DXFC0170006825BN	17	25	34	146	68	90	56	0.5	18.5	SP.. 060204	3007M22x5	80T07
DXFC0180007225BN	18	25	34	150	72	94	56	0.5	19	SP.. 060204	3007M22x5	80T07
DXFC0190007625BN	19	25	34	154	76	98	56	0.25	19.5	SP.. 060204	3007M22x5	80T07
DXFC0195007625BN	19.5	25	34	154	76	98	56	0.25	20	SP.. 060204	3007M22x5	80T07
DXFC0200008025BN	20	25	34	158	80	102	56	0	20	SP.. 060204	3007M22x5	80T07
DXFC0210008425BN	21	25	34	162	84	106	56	0	21	SP.. 060204	3007M22x5	80T07
DXFC0220008825BN	22	25	34	166	88	110	56	0.5	23	SP.. 07T308	3008M25x6	80T08
DXFC0230009225BN	23	25	34	170	92	114	56	0.5	24	SP.. 07T308	3008M25x6	80T08
DXFC0235009225BN	23.5	25	34	170	92	114	56	0.5	24.5	SP.. 07T308	3008M25x6	80T08
DXFC0240009625BN	24	25	34	174	96	118	56	0.5	25	SP.. 07T308	3008M25x6	80T08
DXFC0250010025BN	25	25	34	178	100	122	56	0.25	25.5	SP.. 07T308	3008M25x6	80T08
DXFC0260010425BN	26	25	34	182	104	126	56	0	26	SP.. 07T308	3008M25x6	80T08
DXFC0270010825BN	27	25	34	186	108	130	56	0	27	SP.. 07T308	3008M25x6	80T08
DXFC0275010825BN	27.5	25	34	186	108	130	56	0	27.5	SP.. 07T308	3008M25x6	80T08
DXFC0280011225BN	28	25	34	190	112	134	56	0.5	29	SP.. 090408	4015M35x9	80T15
DXFC0290011625BN	29	25	34	194	116	138	56	0.5	30	SP.. 090408	4015M35x9	80T15
DXFC0300012032BN1	30	32	44	207	120	147	60	0.5	31	SP.. 090408	4015M35x9	80T15
DXFC0310012432BN	31	32	44	211	124	151	60	0.25	31.5	SP.. 090408	4015M35x9	80T15
DXFC0320012832BN	32	32	44	215	128	155	60	0	32	SP.. 090408	4015M35x9	80T15
DXFC0300015032BN	33	32	44	219	132	159	60	0	33	SP.. 090408	4015M35x9	80T15
DXFC0335013232BN	33.5	32	44	219	132	159	60	0	33.5	SP.. 090408	4015M35x9	80T15
DXFC0340013632BN	34	32	44	223	136	163	60	0.5	35	SP.. 110408	4015M4x11	80T15
DXFC0350014032BN	35	32	44	227	140	167	60	0.5	36	SP.. 110408	4015M4x11	80T15
DXFC0300009032BN	36	32	44	231	144	171	60	0.5	37	SP.. 110408	4015M4x11	80T15
DXFC0370014832BN	37	32	44	235	148	175	60	0.5	38	SP.. 110408	4015M4x11	80T15
DXFC0380015232BN	38	32	44	239	152	179	60	0.5	39	SP.. 110408	4015M4x11	80T15
DXFC0300012032BN	39	32	44	243	156	183	60	0.5	40	SP.. 110408	4015M4x11	80T15
DXFC0400016032BN	40	32	44	247	160	187	60	0.25	40.5	SP.. 110408	4015M4x11	80T15
DXFC0330013232BN1	41	32	44	251	164	191	60	0	41	SP.. 110408	4015M4x11	80T15
DXFC0420016832BN	42	32	44	255	168	195	60	0.5	43	SP.. 140512	1020M5x11	80T20
DXFC0430017232BN	43	32	44	259	172	199	60	0.5	44	SP.. 140512	1020M5x11	80T20
DXFC0440017632BN	44	32	44	263	176	203	60	0.5	45	SP.. 140512	1020M5x11	80T20

DXFC 5D



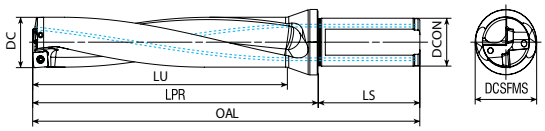


Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DXFC0140007020BN	14	20	25	142	70	92	50	0.5	15.00	SP. 050204	3006M2x4	80T06
DXFC0160008025BN	16	25	34	158	80	102	56	0.5	17.00	SP. 060204	3007M22x5	80T07
DXFC0170008525BN	17	25	34	163	85	107	56	0.5	18.00	SP. 060204	3007M22x5	80T07

INDEXABLE DRILLS WIERTŁA SKŁADANE

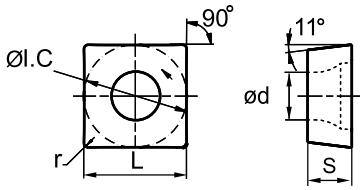
DXFC 5D





Order Code Kod zamówienia	DC	DCON	DCSFMS	OAL	LU	LPR	LS	MAX OFFSET [RAD]		INSERT	SCREW	TORX KEY
								Xma [MM]	DCma [MM]			
DXFC0180009025BN	18	25	34	168	90	112	56	0.5	19.00	SP. 060204	3007M22x5	80T07
DXFC0190009525BN	19	25	34	173	95	117	56	0.25	19.50	SP. 060204	3007M22x5	80T07
DXFC0200010025BN	20	25	34	178	100	122	56	0	20.00	SP. 060204	3007M22x5	80T07
DXFC0330016532BN	21	25	34	183	105	127	56	0	21.00	SP. 060204	3007M22x5	80T07
DXFC0220011025BN	22	25	34	188	110	132	56	0.5	23.00	SP. 07T308	3008M25x6	80T08
DXFC0220011032BN	22	32	44	197	110	137	60	0.5	23.00	SP. 07T308	3008M25x6	80T08
DXFC0230011525BN	23	25	34	193	115	137	56	0.5	24.00	SP. 07T308	3008M25x6	80T08
DXFC0230011532BN	23	32	44	202	115	142	60	0.5	24.00	SP. 07T308	3008M25x6	80T08
DXFC0240012032BN	24	32	44	207	120	147	60	0.5	25.00	SP. 07T308	3008M25x6	80T08
DXFC0250012525BN	25	25	34	203	125	147	56	0.25	25.50	SP. 07T308	3008M25x6	80T08
DXFC0250012532BN	25	32	44	212	125	152	60	0.25	25.50	SP. 07T308	3008M25x6	80T08
DXFC0260013025BN	26	25	34	208	130	152	56	0	26.00	SP. 07T308	3008M25x6	80T08
DXFC0260013032BN	26	32	44	217	130	157	60	0	26.00	SP. 07T308	3008M25x6	80T08
DXFC0270013525BN	27	25	34	213	135	157	56	0	27.00	SP. 07T308	3008M25x6	80T08
DXFC0270013532BN	27	32	44	222	135	162	60	0	27.00	SP. 07T308	3008M25x6	80T08
DXFC0280014032BN	28	32	44	227	140	167	60	0.5	29.00	SP.. 090408	4015M35x9	80T15
DXFC0290014532BN	29	32	44	232	145	172	60	0.5	30.00	SP.. 090408	4015M35x9	80T15
DXFC0330009932BN	30	32	44	237	150	177	60	0.5	31.00	SP.. 090408	4015M35x9	80T15
DXFC0310015532BN	31	32	44	242	155	182	60	0.25	31.50	SP.. 090408	4015M35x9	80T15
DXFC0320016032BN	32	32	44	247	160	187	60	0	32.00	SP.. 090408	4015M35x9	80T15
DXFC0330013232BN	33	32	44	252	165	192	60	0	33.00	SP.. 090408	4015M35x9	80T15

SP



		PVD		CVD		
		P1000	P3000	P5000	P6000	P7000
P		●				
M		●				
K		●				
N						
S						
H						

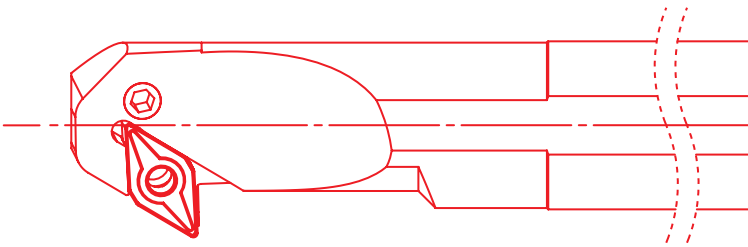
● Ideal machining conditions
Idealne warunki obróbki
● Normal machining conditions
Normalne warunki obróbki
✠ Unfavourable machining conditions
Niekorzystne warunki obróbki

Insert shape Kształt płytki	Description Oznaczenie	r	a_p	f_z	P1000	P3000	P5000	P6000	P7000
REGULAR FEED	SPMG050204CM	0.40	-	0,04-0,09		●			
	SPMG060204CM	0.40	-	0,04-0,10		●			
	SPMG07T308CM	0.80	-	0,05-0,11		●			
	SPMG090408CM	0.80	-	0,06-0,12		●			
	SPMG110408CM	0.80	-	0,06-0,15		●			
	SPMG140512CM	1.20	-	0,12-0,18		●			
HIGH FEED	SPMG050204CR	0.40	-	0,07-0,14		●			
	SPMG060204CR	0.40	-	0,10-0,16		●			
	SPMG07T308CR	0.80	-	0,16-0,22		●			
	SPMG090408CR	0.80	-	0,15-0,22		●			
	SPMG110408CR	0.80	-	0,18-0,26		●			

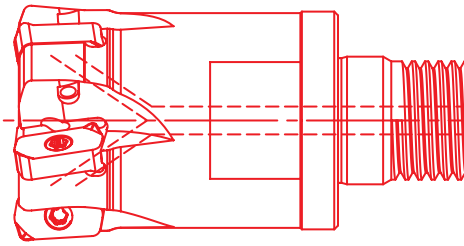


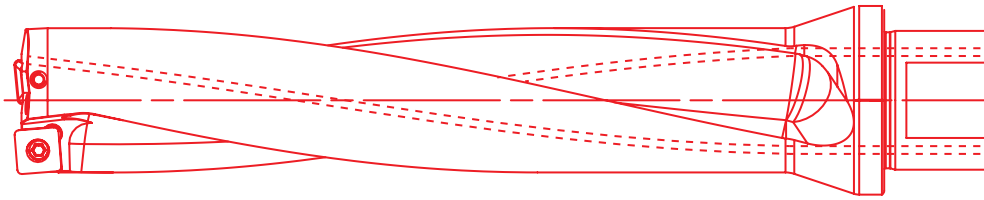
SPMG		L	I.C.	S	d
05	02	5	5	2.38	2.2
06	02	6	6	2.38	2.6
07	T3	7.97	7.97	3.97	2.8
09	04	9.8	9.8	4.76	4.2
11	04	11.5	11.5	4.76	4.4
14	05	14.3	14.3	5.2	5.75

● For P, M, K materials
● For K material only



CUTTING DATA
PARAMETRY SKRAWANIA





CUTTING DATA PARAMETRY SKRAWANIA

TURNING

Code	Insert Płytka	P - ALLOY STEEL						M - STAINLESS STEEL						K - CAST IRON					
		Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX	Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX	Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX
T0000001	CNMA120408P7000													140,00	300,00	0,15	0,60	0,20	8,00
T0000002	CNMA120412P7000													140,00	300,00	0,15	0,60	0,40	8,00
T0000004	CNMG120408CSP6000	120,00	200,00	0,24	0,45	0,50	7,00	140,00	210,00	0,24	0,45	0,50	7,00	140,00	230,00	0,24	0,45	0,50	7,00
T0000005	CNMG120408CSP7000	140,00	220,00	0,24	0,45	0,50	7,00	140,00	210,00	0,24	0,45	0,50	7,00	140,00	220,00	0,24	0,45	0,50	7,00
T0000006	CNMG120412CSP6000	140,00	220,00	0,24	0,45	0,80	7,00	140,00	210,00	0,24	0,45	0,80	7,00	140,00	220,00	0,24	0,45	0,80	7,00
T0000007	CNMG120412CSP7000	140,00	220,00	0,24	0,45	0,80	7,00	140,00	210,00	0,24	0,45	0,80	7,00	140,00	220,00	0,24	0,45	0,80	7,00
T0000009	DNMG150612CSP6000	120,00	240,00	0,18	0,50	0,60	5,50	140,00	240,00	0,20	0,50	0,60	5,50	120,00	250,00	0,18	0,50	0,60	5,50
T0000011	TNMA160408P7000													150,00	230,00	0,15	0,60	0,40	7,00
T0000012	TNMA160412P7000													150,00	230,00	0,15	0,60	0,60	7,00
T0000013	TNMG160408CSP6000	120,00	240,00	0,18	0,50	0,60	5,50	140,00	240,00	0,20	0,50	0,60	5,50	120,00	250,00	0,18	0,50	0,60	5,50
T0000015	TNMG160412CSP6000	120,00	240,00	0,18	0,50	0,80	5,50	140,00	240,00	0,20	0,50	0,80	5,50	120,00	250,00	0,18	0,50	0,80	5,50
T0000017	TNUX160404RCSP1000	80,00	180,00	0,10	0,20	0,30	2,50	100,00	180,00	0,10	0,20	0,30	2,50	80,00	180,00	0,10	0,20	0,30	2,50
T0000019	TNUX160408RCSP1000	80,00	180,00	0,14	0,24	0,40	2,50	100,00	180,00	0,14	0,24	0,40	2,50	80,00	180,00	0,14	0,24	0,40	2,50
T0000021	WNMA080408P7000													140,00	300,00	0,15	0,60	0,20	8,00
T0000022	WNMA080412P7000													140,00	300,00	0,15	0,60	0,40	8,00
T0000024	WNMG080408CSP6000	140,00	220,00	0,24	0,45	0,50	7,00	140,00	210,00	0,24	0,45	0,50	7,00	140,00	220,00	0,24	0,45	0,50	7,00
T0000025	WNMG080408CSP7000	140,00	220,00	0,24	0,45	0,50	7,00	140,00	210,00	0,24	0,45	0,50	7,00	140,00	220,00	0,24	0,45	0,50	7,00
T0000026	WNMG080412CSP6000	140,00	220,00	0,24	0,45	0,80	7,00	140,00	210,00	0,24	0,45	0,80	7,00	140,00	220,00	0,24	0,45	0,80	7,00
T0000027	WNMG080412CSP7000	140,00	220,00	0,24	0,45	0,80	7,00	140,00	210,00	0,24	0,45	0,80	7,00	140,00	220,00	0,24	0,45	0,80	7,00
T0000029	CNMG120404CFP6000	120,00	280,00	0,10	0,40	0,30	1,50	140,00	240,00	0,10	0,40	0,30	1,50	160,00	270,00	0,10	0,40	0,30	1,50
T0000031	CNMG120408CFP6000	120,00	280,00	0,10	0,40	0,40	1,50	140,00	240,00	0,10	0,40	0,40	1,50	160,00	270,00	0,10	0,40	0,40	1,50
T0000032	DNMG150608CFP6000	120,00	240,00	0,10	0,40	0,30	1,50	140,00	240,00	0,10	0,40	0,30	1,50	160,00	250,00	0,10	0,40	0,30	1,50
T0000033	TNMG160404CFP1000	80,00	180,00	0,10	0,40	0,30	2,50	100,00	200,00	0,10	0,40	0,30	2,50	100,00	180,00	0,10	0,40	0,30	2,50
T0000034	TNMG160404CFP6000	120,00	240,00	0,10	0,40	0,30	1,50	140,00	240,00	0,10	0,40	0,30	1,50	160,00	250,00	0,10	0,40	0,30	1,50
T0000035	TNMG160408CFP1000	80,00	180,00	0,10	0,40	0,40	2,50	100,00	200,00	0,10	0,40	0,40	2,50	100,00	180,00	0,10	0,40	0,40	2,50
T0000036	TNMG160408CFP6000	120,00	240,00	0,10	0,40	0,40	1,50	140,00	240,00	0,10	0,40	0,40	1,50	160,00	250,00	0,10	0,40	0,40	1,50
T0000037	VNMG160404CFP6000	140,00	250,00	0,08	0,30	0,25	1,50	160,00	230,00	0,08	0,30	0,25	1,50	140,00	250,00	0,08	0,30	0,25	1,50
T0000040	WNMG080404CFP6000	120,00	280,00	0,10	0,40	0,30	1,50	140,00	240,00	0,10	0,40	0,30	1,50	160,00	270,00	0,10	0,40	0,30	1,50
T0000042	WNMG080408CFP6000	120,00	280,00	0,10	0,40	0,40	1,50	140,00	240,00	0,10	0,40	0,40	1,50	160,00	270,00	0,10	0,40	0,40	1,50
T0000045	CNMG120408CMP6000	120,00	280,00	0,14	0,30	0,40	5,50	140,00	240,00	0,14	0,30	0,40	5,50	160,00	270,00	0,14	0,30	0,40	5,50
T0000048	CNMG120412CMP6000	120,00	280,00	0,14	0,30	0,70	5,50	140,00	240,00	0,14	0,30	0,70	5,50	160,00	270,00	0,14	0,30	0,70	5,50
T0000051	DNMG150608CMP6000	120,00	240,00	0,14	0,42	0,50	5,00	140,00	240,00	0,16	0,42	0,50	5,00	120,00	250,00	0,14	0,42	0,50	5,00
T0000052	TNMG160404CMP1000	80,00	180,00	0,14	0,42	0,40	5,00	100,00	200,00	0,14	0,42	0,40	5,00	100,00	180,00	0,14	0,42	0,40	5,00
T0000053	TNMG160408CMP1000	80,00	180,00	0,14	0,42	0,50	5,00	100,00	200,00	0,16	0,42	0,50	5,00	100,00	180,00	0,14	0,42	0,50	5,00
T0000054	TNMG160408CMP6000	120,00	240,00	0,14	0,42	0,50	5,00	140,00	240,00	0,16	0,42	0,50	5,00	120,00	250,00	0,14	0,42	0,50	5,00
T0000057	VNMG160408CMP6000	140,00	250,00	0,08	0,30	0,35	1,50	160,00	230,00	0,08	0,30	0,35	1,50	140,00	250,00	0,08	0,30	0,35	1,50
T0000062	WNMG080408CMP6000	120,00	280,00	0,14	0,30	0,40	5,50	140,00	240,00	0,14	0,30	0,40	5,50	160,00	270,00	0,14	0,30	0,40	5,50
T0000065	CNMG120408CRP6000	140,00	220,00	0,34	0,50	0,70	7,00	140,00	210,00	0,34	0,50	0,70	7,00	140,00	220,00	0,34	0,50	0,70	7,00
T0000068	CNMG120412CRP6000	140,00	220,00	0,34	0,50	0,10	7,00	140,00	210,00	0,34	0,50	0,10	7,00	140,00	220,00	0,34	0,50	0,10	7,00
T0000070	TNMG160408CRP6000	120,00	240,00	0,34	0,55	0,70	6,00	140,00	240,00	0,34	0,55	0,70	6,00	120,00	250,00	0,34	0,55	0,70	6,00
T0000071	TNMG160412CRP6000	120,00	240,00	0,34	0,55	0,70	6,00	140,00	240,00	0,34	0,55	0,70	6,00	120,00	250,00	0,34	0,55	0,70	6,00
T0000073	WNMG080408CRP6000	140,00	220,00	0,34	0,50	0,70	7,00	140,00	210,00	0,34	0,50	0,70	7,00	140,00	220,00	0,34	0,50	0,70	7,00
T0000076	WNMG080412CRP6000	140,00	220,00	0,34	0,50	0,10	7,00	140,00	210,00	0,34	0,50	0,10	7,00	140,00	220,00	0,34	0,50	0,10	7,00
T0000086	CCMT060204CMP1000	80,00	180,00	0,12	0,18	0,30	1,40	100,00	200,00	0,12	0,18	0,30	1,80	100,00	180,00	0,12	0,18	0,30	2,10
T0000088	CCMT09T304CMP1000	80,00	180,00	0,14	0,22	0,30	2,00	100,00	200,00	0,14	0,22	0,30	2,50	100,00	180,00	0,14	0,22	0,30	3,00
T0000089	CCMT09T304CMP6000	120,00	210,00	0,14	0,22	0,30	2,00	170,00	270,00	0,14	0,22	0,30	2,50	160,00	230,00	0,14	0,22	0,30	3,00
T0000090	CCMT09T308CMP1000	80,00	180,00	0,14	0,22	0,50	3,20	100,00	200,00	0,14	0,22	0,50	4,00	100,00	180,00	0,14	0,22	0,50	4,00
T0000091	CCMT09T308CMP6000	120,00	210,00	0,14	0,22	0,50	3,20	170,00	270,00	0,14	0,22	0,50	4,00	160,00	230,00	0,14	0,22	0,50	4,00
T0000092	CCMT120408CMP1000	80,00	180,00	0,18	0,30	0,50	4,00	100,00	200,00	0,18	0,30	0,50	5,00	100,00	180,00	0,18	0,30	0,50	5,00
T0000093	CCMT120408CMP6000	120,00	210,00	0,18	0,30	0,50	4,00	170,00	270,00	0,18	0,30	0,50	5,00	160,00	230,00	0,18	0,30	0,50	5,00
T0000094	DCMT070204CMP1000	80,00	180,00	0,08	0,15	0,30	1,40	100,00	200,00	0,06	0,15	0,30	1,80	100,00	180,00	0,06	0,17	0,30	2,10
T0000096	DCMT11T304CMP1000	80,00	180,00	0,10	0,18	0,30	2,00	100,00	200,00	0,08	0,18	0,30	2,50	100,00	180,00	0,08	0,02	0,30	3,00
T0000097	DCMT11T304CMP6000	120,00	210,00	0,10	0,18	0,30	2,00	170,00	270,00	0,08	0,18	0,30	2,50	160,00	230,00	0,08	0,02	0,30	3,00
T0000098	DCMT11T308CMP1000	80,00	180,00	0,10	0,18	0,30	2,00	100,00	200,00	0,08	0,18	0,30	2,50	100,00	180,00	0,08	0,02	0,30	3,00
T0000099	DCMT11T308CMP6000	120,00	210,00	0,10	0,18	0,30	2,00	170,00	270,00	0,08	0,18	0,30	2,50	160,00	230,00	0,08	0,02	0,30	3,00
T0000100	TCMT110204CMP1000	80,00	180,00	0,10	0,15	0,30	1,40	100,00	200,00	0,12	0,15	0,30	1,80	100,00	180,00	0,08	0,17	0,30	2,10
T0000102	TCMT16T304CMP1000	80,00	180,00	0,10	0,18	0,30	2,00	100,00	200,00	0,08	0,18	0,30	2,50	100,00	180,00	0,08	0,02	0,30	3,00
T0000103	TCMT16T304CMP6000	120,00	210,00	0,10	0,18	0,30	2,00	170,00	270,00	0,08	0,18	0,30	2,50	160,00	230,00	0,08	0,02	0,30	3,00
T0000104	TCMT16T308CMP1000	80,00	180,00	0,12	0,24	0,50	4,00	100,00	200,00	0,14	0,24	0,50	5,00	100,00	180,00	0,12	0,35	0,50	5,00
T0000105	TCMT16T308CMP6000	120,00	210,00	0,12	0,24	0,50	4,00	170,00	270,00	0,14	0,24	0,50	5,00	160,00	230,00	0,12	0,35	0,50	5,00
T0000106	VBMT160404CMP1000	80,00	180,00	0,10	0,18	0,30	2,00	100,00	200,00	0,08	0,18	0,30	2,50	80,00	180,00	0,08	0,20	0,30	3,00
T0000108	VBMT160408CMP1000	80,00	180,00	0,16	0,32	0,50	2,80	100,00	200,00	0,18	0,32	0,50	3,50	80,00	180,00	0,14	0,48	0,50	3,50
T0000110	CNMG120404CFP1000	120,00	260,00	0,10	0,40	0,40	1,50	140,00	230,00	0,10	0,40	0,40	1,50	150,00	250,00	0,10	0,40	0,40	1,50
T0000111	CNMG120408CMP1000	120,00	260,00	0,14	0,30	0,40	5,50	140,00	230,00	0,14	0,30	0,40	5,50	150,00	250,00	0,14	0,30	0,40	5,50

CUTTING DATA PARAMETRY SKRAWANIA

MILLING

Code	Insert Płytka	P - ALLOY STEEL						M - STAINLESS STEEL						K - CAST IRON					
		Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX	Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX	Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX
M0000001	LNMU0303CMP3000	100,00	300,00	0,50	1,20	0,04	0,10	100,00	200,00	0,30	0,70	0,04	0,10	100,00	300,00	0,50	1,20	0,04	0,10
M0000003	RDMW10T3M0CSP3000													150,00	220,00	0,18	0,64	0,50	2,50
M0000004	RDMW1204M0CSP3000													150,00	220,00	0,25	0,74	0,50	3,00
M0000005	RPMW10T3M0CSP3000													150,00	220,00	0,18	0,72	0,50	2,50
M0000006	RPMW1204M0CSP3000													150,00	220,00	0,25	0,82	0,50	3,00
M0000007	SDMT09T312CRP3000	100,00	300,00	0,50	1,20	0,04	0,10	100,00	200,00	0,30	0,70	0,04	0,10	100,00	300,00	0,50	1,20	0,04	0,10
M0000008	SDMT1205CRP3000	100,00	300,00	0,70	1,50	0,07	0,12	100,00	200,00	0,45	0,90	0,07	0,12	100,00	300,00	0,70	1,50	0,07	0,12
M0000009	SEKN1203AFTNCSP3000	130,00	190,00	0,15	0,32	0,50	7,00							150,00	220,00	0,18	0,46	0,50	7,00
M0000011	SEKR1203AFTNCSP3000	130,00	190,00	0,15	0,32	0,50	7,00	190,00	250,00	0,15	0,32	0,50	7,00	150,00	220,00	0,18	0,46	0,50	7,00
M0000013	SNMX1206ANNCSP3000	130,00	270,00	0,11	0,32	0,50	6,00							130,00	270,00	0,10	0,38	0,50	6,00
M0000014	SPKN1203PDTRCSP3000	130,00	190,00	0,15	0,30	0,50	7,00							150,00	220,00	0,18	0,43	0,50	7,00
M0000015	SPKR1203PDTRCSP3000	130,00	190,00	0,15	0,30	0,50	7,00	150,00	210,00	0,15	0,30	0,50	7,00	150,00	220,00	0,18	0,43	0,50	7,00
M0000018	APMT1135PDTRCFP3000	130,00	190,00	0,16	0,24	0,50	10,00	190,00	250,00	0,16	0,24	0,50	10,00	150,00	220,00	0,16	0,24	0,50	10,00
M0000019	SEKT1204AFTNCFP3000	130,00	190,00	0,14	0,28	0,50	6,00	190,00	250,00	0,16	0,32	0,50	6,00	150,00	220,00	0,12	0,38	0,50	6,00
M0000020	TPKR1603PDTRCFP3000	130,00	190,00	0,12	0,19	0,50	12,00	140,00	200,00	0,13	0,19	0,50	12,00	150,00	220,00	0,14	0,27	0,50	12,00
M0000024	RDMT10T3M0CMP3000	130,00	190,00	0,15	0,44	0,50	2,50	190,00	250,00	0,15	0,50	0,50	2,50	150,00	220,00	0,18	0,64	0,50	2,50
M0000025	RDMT1204M0CMP3000	130,00	190,00	0,21	0,51	0,50	3,00	190,00	250,00	0,21	0,58	0,50	3,00	150,00	220,00	0,25	0,74	0,50	3,00
M0000026	RPMT08T2M0CMP3000	130,00	190,00	0,14	0,38	0,50	2,50	190,00	250,00	0,14	0,38	0,50	2,50	150,00	220,00	0,16	0,45	0,50	2,50
M0000027	RPMT10T3M0CMP3000	130,00	190,00	0,15	0,44	0,50	2,50	190,00	250,00	0,15	0,50	0,50	2,50	150,00	220,00	0,18	0,64	0,50	2,50
M0000028	RPMT1204M0CMP3000	130,00	190,00	0,21	0,51	0,50	3,00	190,00	250,00	0,21	0,58	0,50	3,00	150,00	220,00	0,25	0,74	0,50	3,00
M0000029	SEKT12T3AGSNCMP3000	130,00	190,00	0,15	0,32	0,50	6,00	190,00	250,00	0,15	0,32	0,50	6,00	150,00	220,00	0,18	0,46	0,50	6,00
M0000030	SEKT1204AFTNCMP3000	130,00	190,00	0,18	0,38	0,50	6,00	190,00	250,00	0,20	0,38	0,50	6,00	150,00	220,00	0,16	0,46	0,50	6,00
M0000031	TPKN1603PDTRCMP3000	130,00	170,00	0,16	0,25	0,50	12,00							150,00	220,00	0,15	0,27	0,50	12,00
M0000032	TPKR2204PDTRCMP3000	130,00	190,00	0,16	0,25	0,50	18,00	140,00	200,00	0,16	0,25	0,50	18,00	150,00	220,00	0,16	0,27	0,50	18,00
M0000033	APKT100308PDTRCMP3000	130,00	190,00	0,11	0,18	0,50	9,00	190,00	250,00	0,11	0,21	0,50	9,00	150,00	220,00	0,13	0,26	0,50	9,00
M0000034	APKT160408PDTRCSP3000	130,00	190,00	0,22	0,35	0,50	15,00	190,00	250,00	0,24	0,35	0,50	15,00	150,00	220,00	0,20	0,32	0,50	15,00
M0000035	APMT1135PDTRCMP3000	130,00	190,00	0,22	0,28	0,50	10,00	190,00	250,00	0,24	0,30	0,50	10,00	150,00	220,00	0,20	0,28	0,50	10,00
M0000036	APMT160408PDTRCSP3000	130,00	190,00	0,22	0,32	0,50	15,00	190,00	250,00	0,24	0,32	0,50	15,00	150,00	220,00	0,20	0,32	0,50	15,00
M0000037	TPKN2204PDTRCMP3000	130,00	190,00	0,18	0,30	0,50	18,00							150,00	220,00	0,18	0,32	0,50	18,00
M0000038	APKT1604PDTRCMP3000	130,00	190,00	0,15	0,28	0,50	15,00	190,00	250,00	0,17	0,29	0,50	15,00	150,00	220,00	0,13	0,26	0,50	15,00

DRILLING

Code	Insert Płytka	P - ALLOY STEEL						M - STAINLESS STEEL						K - CAST IRON					
		Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX	Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX	Vc MIN	Vc MAX	Fz MIN	Fz MAX	Ap MIN	Ap MAX
D0000001	SPMG050204CMP3000	100,00	170,00	0,04	0,09			170,00	230,00	0,04	0,09			150,00	210,00	0,07	0,09		
D0000002	SPMG060204CMP3000	100,00	170,00	0,04	0,09			170,00	230,00	0,04	0,09			150,00	210,00	0,04	0,10		
D0000003	SPMG07T308CMP3000	100,00	170,00	0,05	0,10			170,00	230,00	0,05	0,10			150,00	210,00	0,10	0,11		
D0000004	SPMG090408CMP3000	100,00	170,00	0,06	0,11			170,00	230,00	0,06	0,11			150,00	210,00	0,10	0,12		
D0000005	SPMG110408CMP3000	100,00	170,00	0,07	0,14			170,00	230,00	0,06	0,11			150,00	210,00	0,10	0,15		
D0000006	SPMG140512CMP3000	100,00	170,00	0,12	0,18			170,00	230,00	0,13	0,18			150,00	210,00	0,12	0,18		
D0000007	WCMX030208CMP3000	100,00	170,00	0,04	0,09			170,00	230,00	0,04	0,09			150,00	210,00	0,07	0,10		
D0000008	WCMX040208CMP3000	100,00	170,00	0,04	0,09			170,00	230,00	0,04	0,09			150,00	210,00	0,07	0,10		
D0000009	WCMX050308CMP3000	100,00	170,00	0,05	0,10			170,00	230,00	0,05	0,10			150,00	210,00	0,10	0,11		
D0000010	WCMX06T308CMP3000	100,00	170,00	0,06	0,11			170,00	230,00	0,06	0,11			150,00	210,00	0,10	0,12		
D0000011	WCMX080412CMP3000	100,00	170,00	0,07	0,14			170,00	230,00	0,06	0,11			150,00	210,00	0,10	0,15		
D0000012	SPMG050204CRP3000	100,00	170,00	0,08	0,12			170,00	230,00	0,08	0,12			150,00	210,00	0,07	0,14		
D0000013	SPMG060204CRP3000	100,00	170,00	0,10	0,16			170,00	230,00	0,10	0,16			150,00	210,00	0,10	0,16		
D0000014	SPMG07T308CRP3000	100,00	170,00	0,16	0,22			170,00	230,00	0,17	0,22			150,00	210,00	0,16	0,22		
D0000015	SPMG090408CRP3000	100,00	170,00	0,15	0,22			170,00	230,00	0,16	0,22			150,00	210,00	0,15	0,22		
D0000016	SPMG110408CRP3000	100,00	170,00	0,20	0,26			170,00	230,00	0,21	0,26			150,00	210,00	0,18	0,26		

REFERENCES

WHO DO WE COLLABORATE WITH ?

TIZ Implements collaborates with many domestic and international companies with a well-established position on the market. Every year, the number of our trading partners is increasing. We are proud of the fact that more and more companies, which have achieved success, trust us and value the quality of our services. The satisfaction of the customers is the greatest motivation and reward for us.

TIZ Implements is a member of the most important organisation, which pertains to research in manufacturing engineering – the CIRP, and a European organisation focused on industrial research – the EFFRA.

CIRP THE INTERNATIONAL ACADEMY FOR PRODUCTION ENGINEERING

EFFRA
EUROPEAN FACTORIES OF THE FUTURE RESEARCH ASSOCIATION

FoF
Factories of the Future
Public Private Partnership

TYPES OF INDUSTRIES THAT USE OUR SERVICES:

- Aerospace
- Automobile
- Railway
- Tool
- Machine
- Medical

IMPLEMENTS

tiz@tiz.pl
(+48 22) 423-33-14
(+48 22) 423-33-15

www.tizimplements.eu