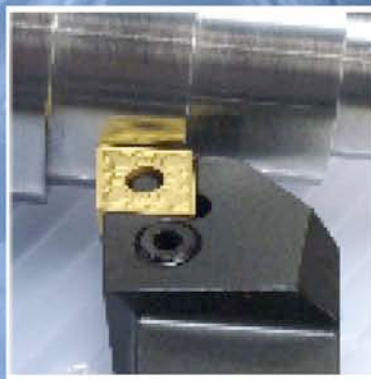


Tournage Général

CANELA



Porte-outils



Barres alésage



Forets



 **TeCHmO
SaTeCH**

04-2013

Porte-outils

Pages 4-5

Barres alésage

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Pièces détachées

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Top clamp toolholders

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CSTP 60° Page 9 SP.. 0903.. SP.. 1203..	CTBP 75° Page 9 TP.. 1103.. TP.. 1603..	CTCPN 90° Page 10 TP.. 1103.. TP.. 1603.. TP.. 2204..	CTCP 90° Page 10 TP.. 1103.. TP.. 1603.. TP.. 2204..	CTDP 45° Page 11 TP.. 1103.. TP.. 1603.. TP.. 2204..	CTFP 90° Page 11 TP.. 1103.. TP.. 1603.. TP.. 2204..
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Dimple lock toolholders

DCLN 95° Page 13 CN.. 1204.. CN.. 1906..	DDJN 93° Page 13 DN.. 1506..	DSSN 45° Page 14 SNM.. 1204.. SNM.. 1906..	DTGN 90° Page 14 TNM.. 1604.. TNM.. 2204..	DWLN 95° Page 15 WNMG 0804..	
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Wedge clamp / Double lock toolholders

MCLN 95° Page 15 CN.. 1204.. CN.. 1906..	MCLN-K 95° Page 16 CN.. 1204.. CN.. 1906..	MDJN-K 93° Page 16 DN.. 1506..	MSSN-K 45° Page 16 SNM.. 1204..	MSSN 45° Page 17 SNM.. 1204.. SNM.. 1906..	MTEN 60° Page 17 TNM.. 1604.. TNM.. 2204..
MTJN 93° Page 18 TNM.. 1604.. TNM.. 2204..	MTJN-K 93° Page 18 TNM.. 1604.. TNM.. 2204..	MTNN 63° Page 19 TNM.. 1604.. TNM.. 2204..	MVJN-K 93° Page 19 VN.. 1604..	MVQN-K 117° 30' Page 20 VN.. 1604..	MVVN-K 72° 30' Page 20 VN.. 1604..
MWLN 95° Page 21 WNMG 0604.. WNMG 0804..	MWLN-K 95° Page 21 WNM.. 0804..				

Lever lock toolholders

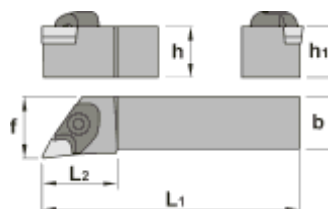
PCBN 75° CN.. 1204.. CN.. 1606.. CN.. 1906.. Page 22	PCFN 90° CN.. 1204.. CN.. 1606.. CN.. 1906.. Page 22	PCKN 75° CN.. 1204.. CN.. 1906.. CN.. 2509.. Page 23	PCMNN CN.. 1204.. CN.. 1906.. Page 24	PCLN 95° CN.. 0903.. ... CN.. 2509.. Page 24	PCSN 45° CN.. 1204.. CN.. 1606.. CN.. 1906.. Page 24
PDJN 93° DN.. 1104.. DN.. 1506.. Page 25	PDNN 63° DN.. 1506.. Page 25	PRDC RC.. 1003M0 ... RC.. 3209M0 Page 26	PRSC / PRSN RC.. 10..32 RNMG 09..25 Page 27	PSBN 75° SNM.. 0903.. ... SNM.. 2507.. Page 28	PSDN 45° SNM.. 0903.. ... SNM.. 2507.. Page 29
PSKN 75° SNM.. 0903.. ... SNM.. 2507.. Page 29	PSSN 45° SNM.. 0903.. ... SNM.. 2507.. Page 30	PTDN 45° TNM.. 2204.. Page 30	PTFN 90° TNM.. 1604.. TNM.. 2204.. TNM.. 2706.. Page 31	PTGN 90° TNM.. 1604.. ... TNM.. 3307.. Page 31	PTTN 60° TNM.. 1604.. TNM.. 2204.. Page 32
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Center screw toolholders

SCAC 90° CC.. 0602.. CC.. 09T3.. CC.. 1204.. Page 33	SCLC 95° CC.. 0602.. CC.. 09T3.. CC.. 1204.. Page 33	SDJC 93° DC.. 0702.. DC.. 11T3.. Page 34	SDNC 62°30' DC.. 0702.. DC.. 11T3.. Page 34	SRDC RC.. 0602M0 RC.. 0803M0 RC.. 10T3M0 RC.. 1204M0 Page 35	SSBC 75° SC.. 09T3.. SC.. 1204.. Page 35
SSDC 45° SC.. 09T3.. SC.. 1204.. Page 36	SSSC 45° SC.. 09T3.. SC.. 1204.. Page 36	STAC 90° TC.. 0902.. TC.. 1102.. TC.. 16T3.. Page 37	STDC 45° TC.. 0902.. TC.. 1102.. TC.. 16T3.. Page 37	STFC 90° TC.. 0902.. TC.. 1102.. TC.. 16T3.. Page 38	STGC 90° TC.. 0902.. TC.. 1102.. TC.. 16T3.. Page 38
STJC 93° TC.. 0902.. TC.. 1102.. TC.. 16T3.. Page 39	STTC 60° TC.. 0902.. TC.. 1102.. TC.. 16T3.. Page 39	SVHC 107°30' VC.. 1604.. Page 40	SVJB 93° VBMT 1604.. Page 40	SVJC 93° VC.. 1103.. VC.. 1604.. Page 41	SVLC 95° VCMT 1303.. Page 41
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CKJN 93°

Toolholder ith top clamp system



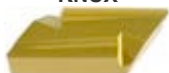
REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
CKJN R/L 2020 K16	20	20	125	34	30	0,390	095420	095427	97,15
CKJN R/L 2525 M16	25	25	150	34	32	0,700	095421	095428	97,15
CKJN R/L 3225 P16	32	25	170	34	32	1,000	095422	095429	102,28
CKJN R/L 3232 P16	32	32	170	34	40	1,250	095423	095430	111,10
CKJN R/L 4025 R16	40	40	200	34	32	1,500			124,70

ACCESSOIRES							
CKJN R 2020 K16	2316	1614	5004	4295	4203	3226	4012
CKJN R..	2316	1614	5004	4295	4204	3226	4012
CKJN L 2020 K16	2326	1614	5004	4295	4203	3236	4012
CKJN L..	2326	1614	5004	4295	4204	3236	4012

REFERENCE PLAQUETTES	l	s	d
KNUX 1604..	16,00	4,76	9,52

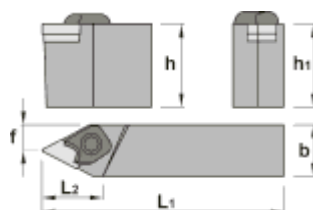
Negative KNUX Inserts

KNUX



CKNN 63°

Toolholder with top clamp system



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
CKNN R/L 4025 R16	40	40	200	37	14,3	1,500	095434		124,70
CKNN R/L 5032 S16	50	32	200	37	16,8	3,000			159,83

ACCESSOIRES							
CKNN R..	2316	1614	5004	4295	4204	3226	4012
CKNN L..	2326	1614	5004	4295	4204	3236	4012

REFERENCE PLAQUETTES	l	s	d
KNUX 1604..	16,00	4,76	9,52

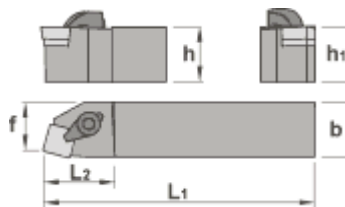
Negative KNUX Inserts

KNUX



CSBP 75 °

Toolholder with **top clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
CSBP R/L 1212 F09	12	12	80	22	11			50,30
CSBP R/L 1616 H09	16	16	100	22	13			52,13
CSBP R/L 2020 K09	20	20	125	22	17			55,78
CSBP R/L 2020 K12	20	20	125	34	17	095445		55,78
CSBP R/L 2525 M12	25	25	150	34	22			61,13
CSBP R/L 3225 P12	32	25	170	34	22			68,75
CSBP R/L 3232 P19	32	32	170	34	27	095448	095459	77,15
CSBP R/L 4040 S19	40	40	250	34	35			121,35
CSBP R/L 5050 T19	50	50	300	34	43			186,90

ACCESSOIRES						
CSBP ..09	2207	5025	3109	4002	2407	9009
CSBP ..12	2209	5003	3112	4002	2409	9012-9112
CSBP ..19	2211	5004	3119	4012	2411	9012-9112

REFERENCE PLAQUETTES	l	s	d
SP..0903..	9,52	3,18	9,52
SP..1203..	12,70	3,18	12,70
SP..1904..	19,05	4,76	19,05

Positive 11° clearance - Square inserts

SPMR-33

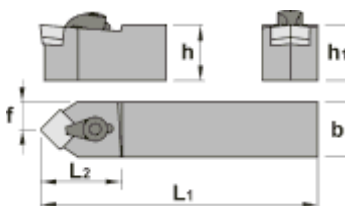


SPUN



CSDP 45°

Toolholder with **top clamp** system



REFERENCE	h=h	b	L1	L2	f	Code R ou	Code L	Euro
CSDP R/L 1010 E09	10	10	70	22	5,6			50,30
CSDP R/L 1212 F09	12	12	80	22	7,6	095466		50,30
CSDP R/L 1616 H09	16	16	100	22	11,6	095467		52,13
CSDP R/L 2020 K12	20	20	125	28	14,0	095468		55,78
CSDP R/L 2525 M12	25	25	150	28	19,0			61,13
CSDP N 1010 E09	10	10	70	22	5,0			50,30
CSDP N 1212 F09	12	12	80	22	6,0			50,30
CSDP N 1616 H09	16	16	100	22	8,0			52,13
CSDP N 2020 K12	20	20	125	28	10,0	095473		55,78
CSDP N 2525 M12	25	25	150	28	12,5	095474		61,13

ACCESSOIRES						
CSDP..1010 E09	2107	5025	-	-	-	9509-9609
CSDP..09	2207	5025	3109	4002	2407	9509-9609
CSDP..12	2209	5003	3112	4002	2409	9512-9612

REFERENCE PLAQUETTES	l	s	d
SP..0903..	9,52	3,18	9,52
SP..1203..	12,70	3,18	12,70

Positive 11° clearance - Square inserts

SPMR-33

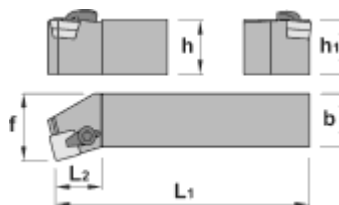


SPUN



CSKP 75°

Toolholder with **top clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
CSKP R/L 1212 F09	12	12	80	18	16	095485		50,30
CSKP R/L 1616 H09	16	16	100	22	20	095486		52,13
CSKP R/L 2020 K09	20	20	125	22	25			55,78
CSKP R/L 2020 K12	20	20	125	28	25			55,78
CSKP R/L 2525 M12	25	25	150	28	32	095489		61,13
CSKP R/L 3225 P12	32	25	170	28	32			68,75
CSKP R/L 3232 P19	32	32	170	42	40	095491		77,15
CSKP R/L 4040 S19	40	40	250	42	50			121,35
CSKP R/L 5050 T19	50	50	300	42	60			186,90

ACCESSOIRES						
CSKP..09	2207	5025	3109	4002	2407	9009
CSKP..12	2209	5003	3112	4002	2409	9012-9112
CSKP..19	2211	5004	3119	4012	2411	9019-9119

REFERENCE PLAQUETTES	d	l	s
SP..0903..	9,52	9,52	3,18
SP..1203..	12,70	12,70	3,18
SP..1904..	19,05	19,05	4,76

Positive 11° clearance - Square inserts

SPMR-33

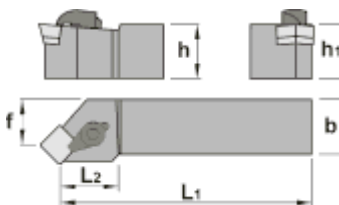


SPUN



CSSP 45°

Toolholder with **top clamp** system



REFERENCE	h=h	b	L1	L2	f	Code R	Code L	Euro
CSSP R/L 1212 F09	12	12	80	18	16			50,30
CSSP R/L 1616 H09	16	16	100	22	20	095508	095517	52,13
CSSP R/L 2020 K12	20	20	125	22	25	095509	095518	55,78
CSSP R/L 2525 M12	25	25	150	28	32	095510		61,13
CSSP R/L 3225 P12	32	25	170	28	32			68,75
CSSP R/L 3232 P19	32	32	170	42	40	095512	095521	77,15
CSSP R/L 4040 S19	40	40	250	42	50	095513	095522	121,35

ACCESSOIRES						
CSSP..09	2207	5025	3109	4002	2407	9509-9609
CSSP..12	2209	5003	3112	4002	2409	9512-9612
CSSP..19	2211	5004	3119	4012	2411	9519-9619

REFERENCE PLAQUETTES	d	l	s
SP..0903..	9,52	9,52	3,18
SP..1203..	12,70	12,70	3,18
SP..1904..	19,05	19,05	4,76

Positive 11° clearance - Square inserts

SPMR-33

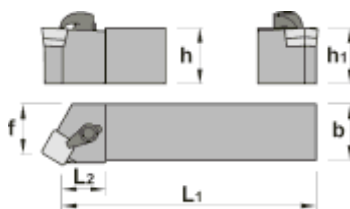


SPUN



CSTP 60°

Toolholder with **top clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
CSTP R/L 1616 H09	16	16	100	22	13			52,13
CSTP R/L 2020 K09	20	20	125	22	17			55,78
CSTP R/L 2020 K12	20	20	125	28	17	095527		55,78
CSTP R/L 2525 M12	25	25	150	28	22			61,13

ACCESSOIRES						
CSTP..09	2207	5025	3109	4002	2407	9009
CSTP..12	2209	5003	3112	4002	2409	9012-9112

REFERENCE PLAQUETTES	l	s	d
SP..0903..	9,52	3,18	9,52
SP..1203..	12,70	3,18	12,70

Positive 11° clearance - Square inserts

SPMR-33

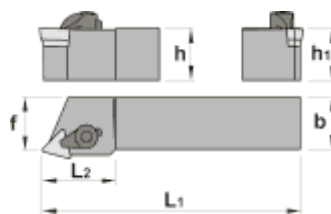


SPUN



CTBP 75°

Toolholder with **top clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
CTBP R/L 1212 F11	12	12	80	18	11	095537	095543	50,30
CTBP R/L 1616 H11	16	16	100	22	13	095538		52,13
CTBP R/L 2020 K16	20	20	125	28	17			55,78
CTBP R/L 2525 M16	25	25	150	28	22			61,13

ACCESSOIRES						
CTBP..11	2207	5025	-	-	2407	9011
CTBP..16	2209	5003	3116	4002	2409	9016-9116

REFERENCE PLAQUETTES	l	s	d
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52

Positive 11° clearance - Triangular inserts.

TPMN



TPMR-33



TPUN

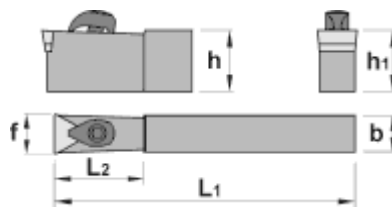


TPUX-R/L



CTCPN 90°

Toolholder with **top clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code N	Euro
CTCP N 1009 E11	10	9	70	22	11	095550	51,38
CTCP N 2009 K11	20	9	125	22	11	095551	51,38
CTCP N 2509 R11	25	9	200	22	11	095552	54,73
CTCP N 2513 R16	25	13	200	28	16	095553	54,73
CTCP N 2518 R22	25	18	200	34	22	095554	62,93
CTCP N 4018 R22	40	18	200	34	22	095555	89,98

ACCESSOIRES					
CTCP..11	2304	5025	-	-	9011-9111
CTCP..16	2305	5003	3116	4002	9016-9116
CTCP..22	2211	5004	3122	4012	9022-9122

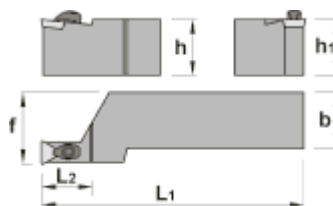
REFERENCE PLAQUETTES	l	s	d
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52
TP.. 2204..	22,00	4,76	12,70

Positive 11° clearance - Triangular inserts.



CTCP 90°

Toolholder with **top clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
CTCP R/L 1212 F11	12•	12	80	22	16			73,43
CTCP R/L 1616 H11	16	16	100	22	20			78,85
CTCP R/L 2020 K11	20	20	125	22	25			84,05
CTCP R/L 2525 M11	25	25	150	22	32		095573	99,95
CTCP R/L 3225 P16	32	25	170	28	32	095564		115,95
CTCP R/L 3232 P16	32	32	170	28	40	095565		123,43
CTCP R/L 3225 P22	32	25	170	34	32			115,95
CTCP R/L 3232 P22	32	32	170	34	40		095577	128,75

ACCESSOIRES					
CTCP..11	2304	5025	-	-	9011-9111
CTCP..16	2305	5003	3116	4002	9016-9116
CTCP..22	2211	5004	3122	4012	9022-9122

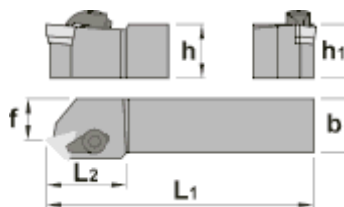
REFERENCE PLAQUETTES	l	s	d
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52
TP.. 2204..	22,00	4,76	12,70

Positive 11° clearance - Triangular inserts.



CTDP 45°

Toolholder with **top clamp** system



REFERENCE	h=h	b	L1	L2	f	Code R	Code L	Euro
CTDP R/L 1212 F11	12	12	80	18	6,3	095580	095588	50,30
CTDP R/L 1616 H11	16	16	100	22	10,3	095581		52,13
CTDP R/L 2020 K16	20	20	125	28	12,2	095582	095590	55,78
CTDP R/L 2525 M16	25	25	150	28	17,2	095583		61,13
CTDP R/L 3232 P16	32	32	170	28	23,5	095584		68,75
CTDP R/L 3232 P22	32	32	170	34	20,5			77,15

ACCESSOIRES						
CTDP..11	2207	5025	-	-	2407	9011-9111
CTDP..16	2209	5003	3116	4002	2409	9016-9116
CTDP..22	2211	5004	3122	4012	2411	9022-9122

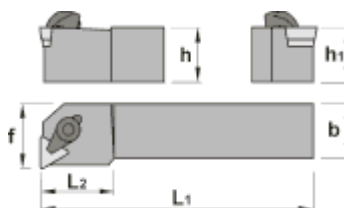
REFERENCE PLAQUETTES	d	l	s
TP.. 1103..	6,35	11,00	3,18
TP.. 1603..	9,52	16,50	3,18
TP.. 2204..	12,70	22,00	4,76

Positive 11° clearance - Triangular inserts.



CTFP 90°

Toolholder with **top clamp** system

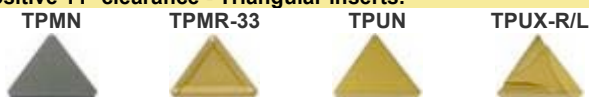


REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
CTFP R/L 1010 E11	10	10	70	16	12	095596	096610	50.30
CTFP R/L 1212 F11	12	12	80	18	16	095597	095612	50.30
CTFP R/L 1616 H11	16	16	100	22	20	095598	095613	52.13
CTFP R/L 2020 K11	20	20	125	22	25		095614	55,78
CTFP R/L 2020 K16	25	20	125	22	25	095600		55,78
CTFP R/L 2525 M16	25	25	150	22	32	095601	095616	61,13
CTFP R/L 3225 P16	32	25	170	22	32			68,75
CTFP R/L 3232 P16	32	32	170	28	40	095603		77,15
CTFP R/L 4040 S16	40	40	250	34	50			121.35
CTFP R/L 5050 T16	50	50	300	34	60			186.90
CTFP R/L 3232 P22	32	32	170	34	40	095606	095621	77,15
CTFP R/L 4040 S22	40	40	250	34	50			121.35
CTFP R/L 5050 T22	50	50	300	34	60			186.90

ACCESSOIRES						
CTFP R/L 1010 E11	2000	5015	-	-	-	-
CTFP..11	2207	5025	-	-	2407	9011-9111
CTFP..16	2209	5003	3116	4002	2409	9016-9116
CTFP..22	2211	5004	3122	4012	2411	9022-9122

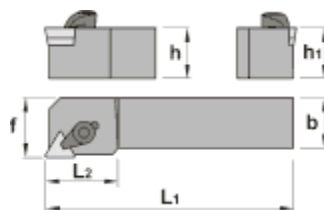
REFERENCE PLAQUETTES	l	s	d
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52
TP.. 2204..	22,00	4,76	12,70

Positive 11° clearance - Triangular inserts.



CTGP 90°

Toolholder with **top clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
CTGP R/L 1010 E11	10	10	70	16	12	095626	095638	50,30
CTGP R/L 1212 F11	12	12	80	18	16	095627	095639	50,30
CTGP R/L 1616 H11	16	16	100	22	20	095628	095640	52,13
CTGP R/L 2020 K11	20	20	125	22	25	095629	095641	55,78
CTGP R/L 2020 K16	25	20	125	22	25	095630	095642	55,78
CTGP R/L 2525 M16	25	25	150	22	32	095631	095643	61,13
CTGP R/L 3225 P16	32	25	170	22	32			68,75
CTGP R/L 3232 P22	32	32	170	34	40	095633	095645	77,15
CTGP R/L 4040 S22	40	40	250	34	50	095634	095646	121,35
CTGP R/L 5050 T22	50	50	300	34	60			186,90

ACCESSOIRES						
CTGP R/L 1010 E11	2000	5015	-	-	-	-
CTGP..11	2207	5025	-	-	2407	9011-9111
CTGP..16	2209	5003	3116	4002	2409	9016-9116
CTGP..22	2211	5004	3122	4012	2411	9022-9122

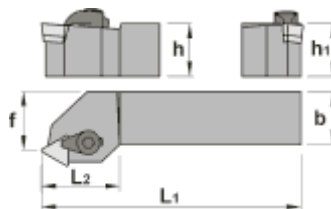
REFERENCE PLAQUETTES	l	s	d
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52
TP.. 2204..	22,00	4,76	12,70

Positive 11° clearance - Triangular inserts.



CTTP 60°

Toolholder with **top clamp** system

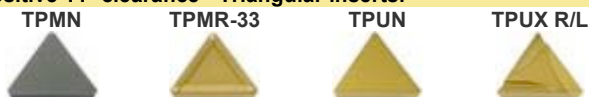


REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
CTTP R/L 0808 D09	8	8	60	16	7			50,30
CTTP R/L 1010 E09	10	10	70	16	9			50,30
CTTP R/L 1010 E11	10	10	70	16	9			50,30
CTTP R/L 1212 F11	12	12	80	18	11	095653	095663	50,30
CTTP R/L 1616 H11	16	16	100	22	13	095654		52,13
CTTP R/L 2020 K11	20	20	125	22	17			55,78
CTTP R/L 2020 K16	20	20	125	28	17	095656	095666	55,78
CTTP R/L 2525 M16	25	25	150	28	22	095657	095667	61,13

ACCESSOIRES						
CTTP..09	2000	5015	-	-	-	-
CTTP R/L 1010E11	2000	5015	-	-	-	-
CTTP..11	2207	5025	-	-	2407	9011-9111
CTTP..16	2209	5003	3116	4002	2409	9016-9116

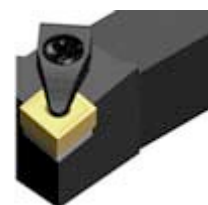
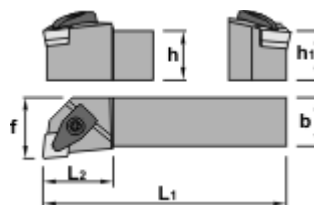
REFERENCE PLAQUETTES	l	s	d
TP.. 0902..	9,62	2,38	5,55
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52

Positive 11° clearance - Triangular inserts.



DCLN 95°

Toolholder with **dimple lock system**



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
DCLN R/L 2020 K12	20	20	125	28	25	0,400	095120	095121	61.20
DCLN R/L 2525 M12	25	25	150	28	32	0,750	095122	095123	64.53
DCLN R/L 3232 P12	32	32	170	28	40	1,300			86.75
DCLN R/L 3232 P19	32	32	170	42	40	1,300			86.75
DCLN R/L 4040 S19	40	40	250	43	50	3,050			131.00

ACCESSOIRES							
DCLN..12	ICSN-432	1160	2312	1907	4295	5004	
DCLN..19	3619	1182	2319	1908	4295	5005	

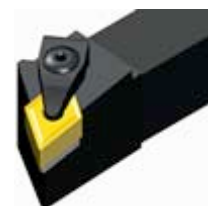
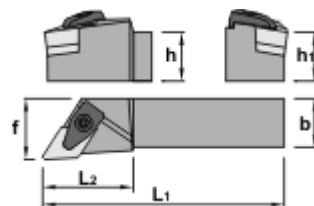
REFERENCE PLAQUETTES	I	s	d
CN..1204..	12,90	4,76	12,70
CN..1906..	19,30	6,35	19,05

Negative 80° rhombic inserts.

CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	CNGP	CNMA	CNMG-CFC	CNMG-CFM	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM

DDJN 93°

Toolholder with **dimple lock system**



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
DDJN R/L 2020 K15	20	20	125	34	25	0,400			61.20
DDJN R/L 2525 M15	25	25	150	28	32	0,750	096224	096300	64.53
DDJN R/L 3232 P15	32	32	170	28	40	1,300			86.75

ACCESSOIRES							
DDJN..15	IDSN-432	1160	2312	1907	4294	5004	

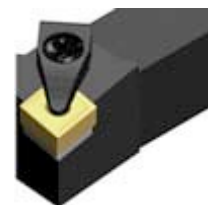
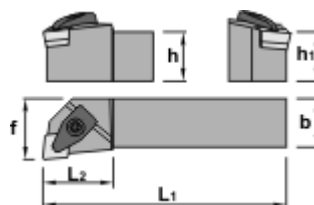
REFERENCE PLAQUETTES	I	s	d
DN..1506..	15,50	6,35	12,70

Negative 55° rhombic inserts.

DNMG-CF	DNMG-CM	DNGP	DNMA	DNMG-CFM	DNMG-CMR	DNMX

DSSN 45°

Toolholder with **dimple lock system**



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
DSSN R/L 2020 K12	20	20	125	28	25	0,400			61.20
DSSN R/L 2525 M12	25	25	150	28	32	0,750			64.53
DSSN R/L 3225 P12	32	25	170	28	32	1,050			71.33
DSSN R/L 3232 P19	32	32	170	42	40	1,300			86.75
DSSN R/L 4040 S19	40	40	250	45	50	3,050			131.00

ACCESSOIRES							
DSSN..12	ISSN-432	1160	2312	1907	4295	5004	
DSSN..19	3519	1182	2319	1907	4295	5005	

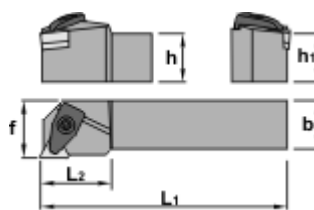
REFERENCE PLAQUETTES	I	s	d
SNM..1204..	12,70	4,76	12,70
SNM..1906..	19,05	6,35	19,05

Negative square inserts.



DTGN 90°

Toolholder with **dimple lock system**



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
DTGN R/L 2020 K16	20	20	125	22	25	0,400			61.20
DTGN R/L 2525 M16	25	25	150	22	32	0,750			64.53
DTGN R/L 2525 M22	25	25	150	28	32	0,750			64.53
DTGN R/L 3232 P22	32	32	170	28	40	1,300			86.75

ACCESSOIRES							
DTGN..16	ITSN-322	1150	2308	1915	4294	5025	
DTGN..22	ITSN-433	1160	2312	1907	4295	5005	

REFERENCE PLAQUETTES	I	s	d
TNM..1604..	16,50	4,76	9,52
TNM..2204..	22,00	4,76	12,70

Negative triangular inserts.



DWLN 95°

Toolholder with **dimple lock system**



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
DWLN R/L 2020 K08	20	20	125	34	25	0,400	095128	095129	61.20
DWLN R/L 2525 M08	25	25	150	34	32	0,750	095130	095131	64.53
DWLN R/L 3232 P08	32	32	170	34	40	1,300			86.75

ACCESSOIRES						
DWLN..08	IWSN-432	1160	2312	1907	4295	5004

REFERENCE PLAQUETTES	l	s	d
WNMG..0804..	6,45	4,76	9,52

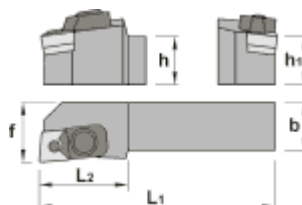
Negative 80° trigon inserts.

WNMG-CF WNMG-CM WNMG-CS WNMG-CFM WNMG-CMC WNMG-CMF WNMG-CMR



MCLN 95°

Toolholder with **wedge clamp clamping system**



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
MCLN R/L 2020 K12	20	20	125	34	25	0,450	095670	095678	57.70
MCLN R/L 2525 M12	25	25	150	34	32	0,800	095671	095679	61.10
MCLN R/L 3225 P12	32	25	170	34	32	1,200	095672		66.78
MCLN R/L 2525 M19	25	25	150	42	32	0,800			61.10
MCLN R/L 3225 P19	32	25	170	42	32	1,200			66.78
MCLN R/L 4040 S19	40	40	250	42	50	3,100			109.15

ACCESSOIRES					
MCLN..12	2015	5005	ICSN-432	1661	1394
MCLN..19	2024	5005	3619	1682	1296

REFERENCE PLAQUETTES	l	s	d
CN..1204..	12,90	4,76	12,70
CN..1906..	19,30	6,35	19,05

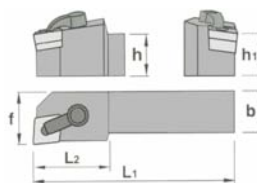
Negative 80° rhombic inserts.

CNMG-CF CNMG-CM CNMG-CR CNMG-CS CNGP CNMA CNMG-CFC CNMG-CFM CNMG-CMC CNMG-CMF CNMG-CMR CNMM



MCLN-K 95°

Toolholder with wedge clamp system



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
MCLN R/L 2020 K12-K	20	20	125	28	25	0,450			57.70
MCLN R/L 2525 M12-K	25	25	150	28	32	0,800			61.10
MCLN R/L 3225 P12-K	32	25	170	28	32	1,200			66.78
MCLN R/L 2525 M19-K	25	25	150	42	32	0,800			61.10
MCLN R/L 3232 P19-K	32	25	170	42	40	1,400			81.60

ACCESSOIRES						
MCLN..12	2613	1086	5003	ICSN-432	1656	5025
MCLN..19	2621	1098	5004	ICSN-634	1670	5004

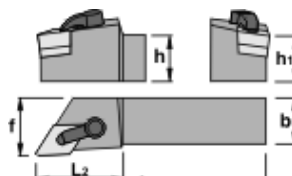
REFERENCE PLAQUETTES	l	s	d
CN..1204..	12,90	4,76	12,70
CN..1906..	19,30	6,35	19,05

Negative 80° rhombic inserts.

CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	CNGP	CNMA	CNMG-CFC	CNMG-CFM	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM

MDJN-K 45°

Toolholder with wedge clamp clamping system



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
MDJN R/L 2020 K15-K	20	20	125	34	25	0,450			57.70
MDJN R/L 2525 M15-K	25	25	150	34	32	0,800			61.10
MDJN R/L 3225 P15-K	32	25	170	34	32	1,200			66.78

ACCESSOIRES						
MDJN..15-K	2614	1086	5003	IDSN-432	1666	5025

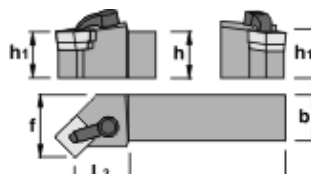
REFERENCE PLAQUETTES	l	s	d
DN..1506..	15,50	6,35	12,70

Negative 55° rhombic inserts.

DNMG-CF	DNMG-CM	DNGP	DNMA	DNMG-CFM	DNMG-CMR	DNMX

MSSN-K 45°

Toolholder with wedge clamp system



REFERENCE	h	b	L1	L2	f	Code R	Code L	Euro
MSSN R/L 2020 K12-K	20	20	125	28	27			57.70
MSSN R/L 2525 M12-K	25	25	150	28	32			61.10

ACCESSOIRES						
MSSN..12	2014	5005	3514	1661	1394	

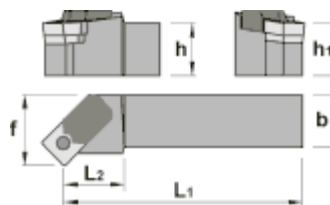
REFERENCE PLAQUETTES	l	s	d
SNMG 1204..	12,70	4,76	12,70

Negative square inserts.

SNMA	SNMG-CR	SNMG-CFM	SNMG-CMR

MSSN 45°

Toolholder with wedge clamp system



REFERENCE	h	b	L1	L2	f	Code R	Code L	Euro
MSSN R/L 2020 K12	20	20	125	34	27	095686		57.70
MSSN R/L 2525 M12	25	25	150	34	32	095687	095696	61.10
MSSN R/L 3225 P12	32	25	170	34	32			66.78
MSSN R/L 2525 M19	25	25	150	42	32		095698	61.10
MSSN R/L 3225 P19	32	25	170	42	32			66.78
MSSN R/L 3232 P19	32	32	170	42	40	095691	095700	81.60
MSSN R/L 4040 S19	40	40	250	42	50			109.15

ACCESSOIRES					
MSSN..12	2014	5005	3514	1661	1394
MSSN..19	2024	5005	3519	1682	1296

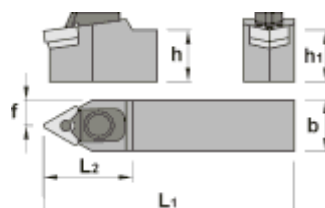
REFERENCE PLAQUETTES	l	s	d
SNMG 1204..	12,70	4,76	12,70
SNMG 1906..	19,05	6,35	19,05

Negative square inserts.

SNMA	SNMG-CR	SNMG-CFM	SNMG-CMR	SNMM
				

MTEN 60°

Toolholder with wedge clamp system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
MTEN R/L 2020 K16	20	20	125	34	10,5			57.70
MTEN R/L 2525 M16	25	25	150	34	13,0			61.10
MTEN R/L 3225 P16	32	25	170	34	13,0		095717	66.78
MTEN R/L 2525 M22	25	25	150	42	13,0			61.10
MTEN R/L 3225 P22	32	25	170	42	13,0			66.78
MTEN R/L 3232 P22	32	32	170	42	16,5			81.60
MTEN R/L 4025 R22	40	40	250	42	13,0			109.15
MTEN R/L 5032 S22	40	40	250	42	16,5			164.98

ACCESSOIRES					
MTEN..16	2014	5005	3414	1642	1393
MTEN..22	2024	5005	ITSN-432	1661	1394

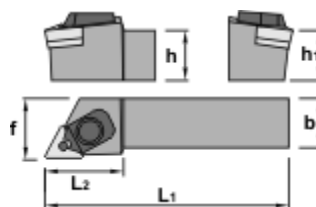
REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX
									

MTJN 93°

Toolholder with wedge clamp system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
MTJN R/L 2020 K16	20	20	125	34	25	095735	095745	57.70
MTJN R/L 2525 M16	25	25	150	34	32	095736	095746	61.10
MTJN R/L 3225 P16	32	25	170	34	32	095737	095747	66.78
MTJN R/L 2525 M22	25	25	150	42	32	095738		61.10
MTJN R/L 3225 P22	32	25	170	42	32	095739	095749	66.78
MTJN R/L 3232 P22	32	32	170	42	40	095740		81.60
MTJN R/L 4025 R22	40	40	250	42	32			109.15
MTJN R/L 5032 S22	40	40	250	42	40			164.98

ACCESSOIRES					
MTJN..16	2014	5005	3414	1642	1393
MTJN..22	2024	5005	ITSN-432	1661	1394

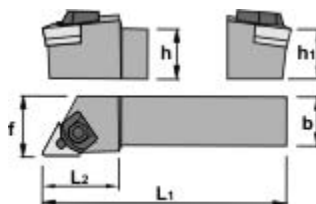
REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.



MTJN-K 93°

Toolholder with wedge clamp system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
MTJN R/L 2020 K16-K	20	20	125	34	25			57.70
MTJN R/L 2525 M16-K	25	25	150	34	32			61.10
MTJN R/L 2525 M22-K	25	25	150	42	32			61.10
MTJN R/L 3225 P22-K	32	25	170	42	32			66.78
MTJN R/L 3232 P22-K	32	32	170	42	40			81.60
MTJN R/L 4025 R22-K	40	40	250	42	32			109.15
MTJN R/L 5032 S22-K	40	40	250	42	40			164.98

ACCESSOIRES					
MTJN..16-K	2017	5025	3414	1642	1393
MTJN..22-K	2023	5003	ITSN-432	1661	1394

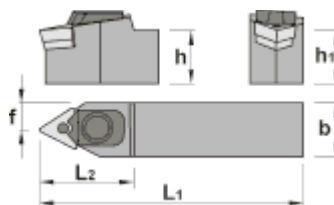
REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.



MTNN 63°

Toolholder with **wedge clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
MTNN R/L 2020 K16	20	20	125	34	10,0			57.70
MTNN R/L 2525 M16	25	25	150	34	12,5			61.10
MTNN R/L 3225 P16	32	25	170	34	12,5			66.78
MTNN R/L 2525 M22	25	25	150	42	12,5			61.10
MTNN R/L 3225 P22	32	25	170	42	12,5			66.78
MTNN R/L 3232 P22	32	32	170	42	16,0			81.60
MTNN R/L 4025 R22	40	40	250	42	12,5			109.15
MTNN R/L 5032 S22	40	40	250	45	16,0			164.98

ACCESSOIRES					
MTNN..16	2014	5005	3414	1642	1393
MTNN..22	2024	5005	ITSN-432	1661	1394

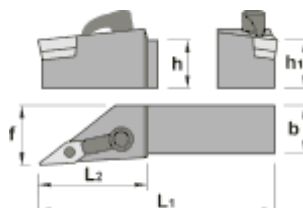
REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX
									

MVJN-K 93°

Toolholder with **wedge clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
MVJN R/L 2020 K16-K	20	20	125	37	25	095781	095780	65.80
MVJN R/L 2525 M16-K	25	25	150	37	32	096490		70.88
MVJN R/L 3225 P16-K	32	25	170	37	32			75.85

ACCESSOIRES						
MVJN..16	2616	1086	5003	IVSN-322	1665	5002

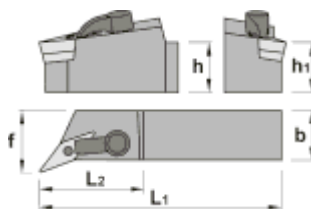
REFERENCE PLAQUETTES	l	s	d
VNMG 1604..	16,50	4,76	9,52

Negative 35° rhombic inserts.

VNGP	VNMG	VNMG-CMC
		

MVQN-K 117° 30'

Toolholder with **wedge clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
MVQN R/L 2020 K16-K	20	20	125	37	25		095783	65.80
MVQN R/L 2525 M16-K	25	25	150	37	32			70.88
MVQN R/L 3225 P16-K	32	25	170	37	32			75.85

ACCESSOIRES						
MVQN..16	2616	1086	5003	IVSN-322	1665	5002

REFERENCE PLAQUETTES	l	s	d
VNMG 1604..	16,50	4,76	ç9,52

Negative 35° rhombic inserts.

VNGP

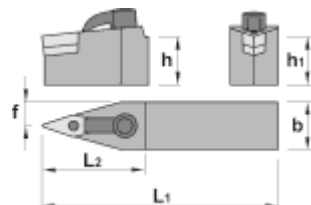
VNMG

VNMG-CMC



MVVN-K 72° 30'

Toolholder with **wedge clamp** system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
MVVN N 2020 K16-K	20	20	125	43	10,0			65.80
MVVN N 2525 M16-K	25	25	150	43	12,5			70.88

ACCESSOIRES						
MVVN..16	2616	1086	5003	IVSN-322	1665	5002

REFERENCE PLAQUETTES	l	s	d
VNMG 1604..	16,50	4,76	9,52

Negative 35° rhombic inserts.

VNGP

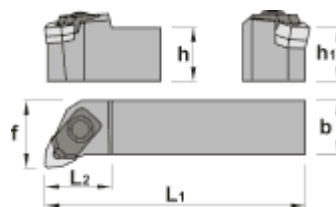
VNMG

VNMG-CMC



MWLN 95°

Toolholder with wedge clamp system



REFERENCE	h=h	b	L1	L2	f	Code R	Code L	Euro
MWLN R/L 1616 H06	16	16	125	15	20	095784		52.80
MWLN R/L 2020 K06	20	20	150	25	25			57.70
MWLN R/L 2525 M06	25	25	170	25	32			61.10
MWLN R/L 2020 K08	20	20	125	34	25	095785	095789	57.70
MWLN R/L 2525 M08	25	25	150	34	32	095786	095790	61.10
MWLN R/L 3225 P08	32	25	170	34	32			66.78
MWLN R/L 3232 P08	32	32	170	34	40	095788	095792	81.60

ACCESSOIRES					
MWLN R/L 1616 H06	2006	5003	3006	1644	1393
MWLN..06	2006	5003	3006	1642	1393
MWLN..08	2011	5005	IWSN-432	1661	1394

REFERENCE PLAQUETTES	l	s	d
WNMG 0604..	6,45	4,76	9,52
WNMG 0804..	8,14	4,76	12,70

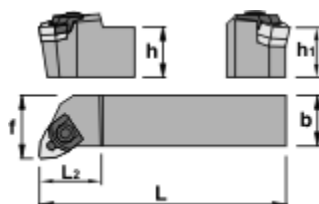
Negative 80° trigon inserts.

WNMG-CF WNMG-CM WNMG-CS WNMG-CFM WNMG-CMC WNMG-CMF WNMG-CMR



MWLN-K 95°

Toolholder with wedge clamp system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
MWLN R/L 2020 K08-K	20	20	125	34	25			57.70
MWLN R/L 2525 M08-K	25	25	150	34	32			61.10
MWLN R/L 3232 P08-K	32	32	170	34	40			81.60

ACCESSOIRES					
MWLN..08-K	2018	5025	IWSN-432	1661	1394

REFERENCE PLAQUETTES	l	s	d
WNMG 0804..	8,14	4,76	12,70

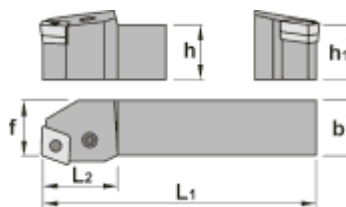
Negative 80° trigon inserts.

WNMG-CF WNMG-CM WNMG-CS WNMG-CFM WNMG-CMC WNMG-CMF WNMG-CMR



PCBN 75°

Toolholder with lever lock system



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
PCBN R/L 2020 K12	20	20	125	28	17	0,400	095796		57,70
PCBN R/L 2525 M12	25	25	150	28	22	0,750	095795	095804	61,10
PCBN R/L 2525 M16	25	25	150	34	22	0,750			61,10
PCBN R/L 3225 P16	32	25	170	34	22	1,050		095806	66,78
PCBN R/L 3232 P16	32	32	170	34	27	1,300	095798	095807	79.23
PCBN R/L 3225 P19	32	25	170	42	22	1,050			66.78
PCBN R/L 3232 P19	32	32	170	42	27	1,300	095800	095809	79.23
PCBN R/L 4040 S19	40	40	250	45	35	3,050	095801	095810	107.05

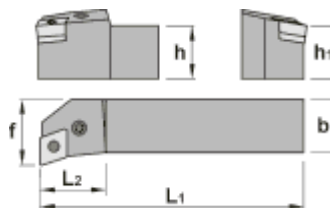
ACCESSOIRES						
PCBN..12	8012	1608	5003	3612	4112	0012
PCBN..16	8016	1618	5003	3616	4115	0015
PCBN..19	8019	1610	5004	3619	4119	0019

REFERENCE PLAQUETTES	I	s	d
CN..1204..	12,90	4,76	12,70
CN..1606..	16,10	6,35	15,88
CN..1906..	19,30	6,35	19,05

Negative 80° rhombic inserts.											
CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM
											

PCFN 90°

Toolholder with lever lock clamping system



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
PCFN R/L 2525 M12	25	25	150	28	32	0,750	095813	095822	61.10
PCFN R/L 2525 M16	25	25	150	34	32	0,750			61.10
PCFN R/L 3225 P16	32	25	170	34	32	1,050			66.78
PCFN R/L 3232 P16	32	32	170	34	40	1,300			79.23
PCFN R/L 3225 P19	32	25	170	42	32	1,050			66.78
PCFN R/L 3232 P19	32	32	170	42	40	1,300			79.23
PCFN R/L 4040 S19	40	40	250	45	50	3,050			107.05

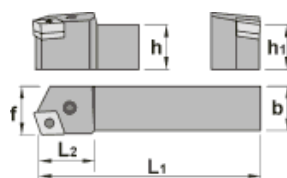
ACCESSOIRES						
PCFN..12	8012	1608	5003	3612	4112	0012
PCFN..16	8016	1618	5003	3616	4115	0015
PCFN..19	8019	1610	5004	3619	4119	0019

REFERENCE PLAQUETTES	I	s	d
CN..1204..	12,90	4,76	12,70
CN..1606..	16,10	6,35	15,88
CN..1906..	19,30	6,35	19,05

Negative 80° rhombic inserts.											
CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	CNGP	CNMA	CNMG-CFC	CNMG-CFM	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM
											

PCKN 75°

Toolholder with lever lock system



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
PCKN R/L 2020 K12	20	20	125	28	25	0,400	095831	095838	57,70
PCKN R/L 2525 M12	25	25	150	28	32	0,750	095832	095839	61,10
PCKN R/L 3225 P12	32	25	170	28	32	1,050	095833	095840	66,78
PCKN R/L 3232 P19	32	32	170	34	40	1,300	095834	095841	79,23
PCKN R/L 4040 S19	40	40	250	45	50	3,050			107,05
PCKN R/L 4040 S25	40	40	250	45	50	3,050			107,05
PCKN R/L 5050 T25	50	50	300	45	60	5,850			164,98

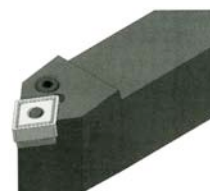
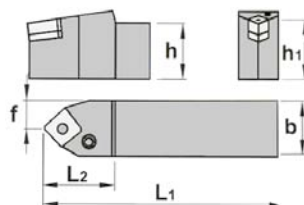
ACCESSOIRES						
PCKN..12	8012	1608	5003	3612	4112	0012
PCKN..19	8019	1610	5004	3619	4119	0019
PCKN..25	8025	1612	5005	3625	4125	0025

REFERENCE PLAQUETTES	l	s	d
CN..1204..	12.90	4.76	12.70
CN..1906..	19.30	6.35	19.05
CN..2509..	25.80	9.52	25.40

Negative 80° rhombic inserts.

CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	CNGP	CNMA	CNMG-CFC	CNMG-CFM	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM
											

PCMN 50°



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
PCMN N 2020 K12	20	20	125	34	10.0	0,400			57,70
PCMN N 2525 M12	25	25	150	34	12.5	0,750			61,10
PCMN N 3225 P12	32	25	170	34	12.5	1,050			66,78
PCMN N 3232 P19	32	32	170	42	16.0	1,300			79,23
PCMN N 4040 S19	40	40	250	42	20.0	3,050			107,05

ACCESSOIRES						
PCMN..12	8012	1608	5003	3612	4112	0012
PCMN..19	8016	1618	5003	3616	4115	0015

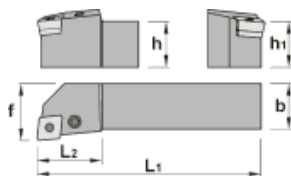
REFERENCE PLAQUETTES	d	l	s
CN..1204..	12,70	12,90	4,76
CN..1906..	19,05	19,30	6,35

Negative 80° rhombic inserts.

CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	CNGP	CNMA	CNMG-CFC	CNMG-CFM	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM
											

PCLN 95°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Ka	Code R	Code L	Euro
PCLN R/L 1616 H09	16	16	100	25	20	0,250			52.80
PCLN R/L 2020 K09	20	20	125	27	25	0,400	095858	095903	57.70
PCLN R/L 2525 M09	25	25	150	27	32	0,750			61.10
PCLN R/L 1616 H12	16	16	100	26	20	0,250	095845	095890	52.80
PCLN R/L 2020 K12	20	20	125	28	25	0,400	095846	095891	57.70
PCLN R/L 2525 M12	25	25	150	28	32	0,750	095847	095892	61.10
PCLN R/L 3225 P12	32	25	170	28	32	1,050	095848	095893	66.78
PCLN R/L 3232 P12	32	32	170	28	40	1,300	095849	095894	79.23
PCLN R/L 2525 M16	25	25	150	34	32	0,750	095850	095895	61.10
PCLN R/L 3225 P16	32	25	170	34	32	1,050	095851	095896	66.78
PCLN R/L 3232 P16	32	32	170	34	40	1,300	095852	095897	79.23
PCLN R/L 4040 S16	40	40	250	34	50	3,050			107.05
PCLN R/L 2525 M19	25	25	150	42	32	0,750	095854	095899	61.10
PCLN R/L 3225 P19	32	25	170	42	32	1,050	095855	095900	66.78
PCLN R/L 3232 P19	32	32	170	42	40	1,300	095856	095898	79.23
PCLN R/L 4040 S19	40	40	250	43	50	3,050	095857	095902	107.05
PCLN R/L 4040S25	40	40	250	45	50	3,050			107.05
PCLN R/L 5050T25	50	50	300	45	60	5,850			164.98

ACCESSOIRES						
PCLN..09	8009	1606	5025	3609	4109	0009
PCLN..12	8012	1608	5003	3612	4112	0012
PCLN..16	8016	1618	5003	3616	4115	0015
PCLN..19	8019	1610	5004	3619	4119	0019
PCLN..25	8025	1612	5005	3625	4125	0025

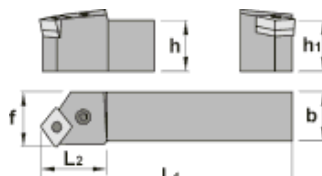
REFERENCE PLAQUETTES	l	s	d
CN.. 0903..	9.65	3.18	9.52
CN.. 1204..	12.90	4.76	12.70
CN.. 1606..	16.10	6.35	15.88
CN.. 1906..	19.30	6.35	19.05
CN.. 2509..	25.80	9.52	25.40

Negative 80° rhombic inserts.



PCSN 45°

Toolholder with lever lock system



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
PCSN R/L 2020 K12	20	20	125	28	25	0.400	095905		57.70
PCSN R/L 2525 M12	25	25	150	28	32	0.750	095906		61.10
PCSN R/L 2525 M16	25	25	150	34	32	0.750			61.10
PCSN R/L 3225 P16	32	25	170	34	32	1.050			66.78
PCSN R/L 3232 P16	32	32	170	34	40	1.300	095909	095919	79.23
PCSN R/L 3225 P19	32	25	170	42	32	1.050			66.78
PCSN R/L 3232 P19	32	32	170	42	40	1.300			79.23
PCSN R/L 4040 S19	40	40	250	45	50	3.050			107.05

ACCESSOIRES						
PCSN..12	8012	1608	5003	3612	4112	0012
PCSN..16	8016	1618	5003	3616	4115	0015
PCSN..19	8019	1610	5004	3619	4119	0019

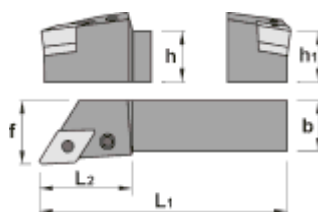
REFERENCE PLAQUETTES	d	l	s
CN..1204..	12.70	12.90	4.76
CN..1606..	15.88	16.10	6.35
CN..1906..	19.05	19.30	6.35

Negative 80° rhombic inserts.



PDJN 93°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
PDJN R/L 1616 H11	16	16	100	28	20	0,250	095918	095917	52.80
PDJN R/L 2020 K11	20	20	125	28	25	0,400			57.70
PDJN R/L 2525 M11	25	25	150	28	32	0,750			61.10
PDJN R/L 3225 P11	32	25	170	28	32	1,050			66.78
PDJN R/L 2020 K15	20	20	125	34	25	0,400	095925	095933	57.70
PDJN R/L 2525 M15	25	25	150	34	32	0,750	095926	095934	61.10
PDJN R/L 3225 P15	32	25	170	34	32	1,050	095927	095935	66.78
PDJN R/L 3232 P15	32	32	170	34	40	1,300	095928	095936	79.23
PDJN R/L 4025 R15	40	25	200	34	32	1,850	095929	095937	107.05
PDJN R/L 5032 S15	50	32	250	34	40	2,900			164.98

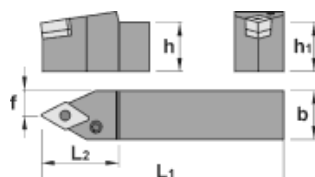
ACCESSOIRES								
PDJN..11	8009	1606	5025	3711	4109	0009	-	
PDJN..15	8415	1638	5003	3715	4112	0012	3725	4135
								For inserts DNM.. 1504

REFERENCE PLAQUETTES	l	s	d
DNM..1104..	11,60	4,76	9,52
DNM..1504 (Optional)	15,50	4,76	12,70
DNM..1506	15,50	6,35	12,70

Negative 80° rhombic inserts.										
DNMG-CF	DNMG-CM	DNMG-CS	DNGP	DNMA	DNMG-CFC	DNMG-CFM	DNMG-CMC	DNMG-CMF	DNMG-CMR	DNMX

PDNN 63°

Toolholder with lever lock clamping system



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Code N	Euro
PDNN R/L/N 2020 K15	20	20	125	34	10,0	0,400				57,70
PDNN R/L/N 2525 M15	25	25	150	34	12,5	0,750	095942	095950		61,10
PDNN R/L/N 3225 P15	32	25	170	34	12,5	1,050				66,78
PDNN R/L/N 3232 P15	32	32	170	34	16,0	1,300				79,23
PDNN R/L/N 4025 S15	40	25	200	34	12,5	1,850				107,05
PDNN R/L/N 5032 S15	50	32	250	34	16,0	2,900				164,98

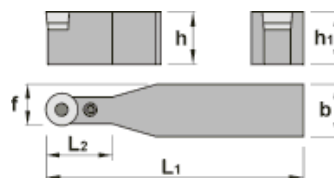
ACCESSOIRES								
PDNN..15	8415	1638	5003	3715	4112	0012	3725	4135
								For inserts DN.. 1504

REFERENCE PLAQUETTES	l	s	d
DN..1504 (Optional)	15.50	4.76	12.70
DN..1506	15.50	6.35	12.70

Negative 80° rhombic inserts.										
DNMG-CF	DNMG-CM	DNMG-CS	DNGP	DNMA	DNMG-CFC	DNMG-CFM	DNMG-CMC	DNMG-CMF	DNMG-CMR	DNMX

PRDC

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Kg		Code N	Euro
PRDC N 2020 K10	20	20	125	22	15,0	0,400		095965	57.70
PRDC N 2525 M10	25	25	150	22	18,5	0,750			61.10
PRDC N 3225 P10	32	25	170	22	18,5	1,050			66.78
PRDC N 2020 K12	20	20	125	28	16,0	0,400		095966	57.70
PRDC N 2525 M12	25	25	150	28	18,5	0,750		095967	61.10
PRDC N 3225 P12	32	25	170	28	18,5	1,050		095971	66.78
PRDC N 4025 S12	40	25	250	28	18,5	1,850		095969	107.05
PRDC N 3225 P16	32	25	170	34	20,5	1,050		095970	66.78
PRDC N 3232 P16	32	32	170	34	24,0	1,300			79.23
PRDC N 3232 P20	32	32	170	42	26,0	1,300		095972	79.23
PRDC N 4040 S20	40	40	250	42	30,0	3,050			107.05
PRDC N 4040 S25	40	40	250	45	32,5	3,050		095973	107.05
PRDC N 4040 U25	40	40	350	45	32,5	3,050			122.45
PRDC N 5050 U25	50	50	350	45	37,5	5,850			164.98
PRDC N 5050 V32	50	50	400	52	41,0	5,850			164.98

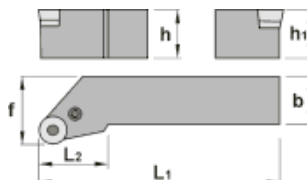
ACCESSOIRES						
PRDC..10	8110	1705	5002	3810	4110	0009
PRDC..12	8112	1606	5025	3812	4110	0009
PRDC..16	8116	1706	5025	3816	4116	0012
PRDC..20	8120	1708	5003	3820	4115	0015
PRDC..25	8125	1710	5004	3825	4119	0019
PRDC..32	8132	1612	5005	3832	4125	0025

REFERENCE PLAQUETTES	s	d
RC.. 1003M0..	3.18	10.00
RC.. 1204M0..	4.76	12.00
RC.. 1606M0..	6.35	16.00
RC.. 2006M0..	6.35	20.00
RC.. 2507M0..	7.94	25.00
RC.. 3209M0..	9.52	32.00

Positive 7° clearance - Round inserts		
RCGT-AL	RCGT-AP	RCMT
		

PRSC

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
PRSC R/L 2020 K10	20	20	125	28	25	0,400	096000		57.70
PRSC R/L 2525 M10	25	25	150	28	32	0,750	096001		61.10
PRSC R/L 3225 P10	32	25	170	28	32	1,050			66.78
PRSC R/L 2020 K12	20	20	125	28	25	0,400			57.70
PRSC R/L 2525 M12	25	25	150	28	32	0,750	096003		61.10
PRSC R/L 3225 P12	32	25	170	28	32	1,050			66.78
PRSC R/L 2525 M16	25	25	150	34	32	0,750			61.10
PRSC R/L 3225 P16	32	32	170	34	32	1,050			66.78
PRSC R/L 3232 P20	32	32	170	42	40	1,300	096007	096019	79.23
PRSC R/L 4040 S25	40	40	250	45	50	3,050			107.05
PRSC R/L 5050 T32	50	50	300	45	63	5,850			164.98

ACCESSOIRES						
PRSC..10	8110	1705	5002	3810	4110	0009
PRSC..12	8112	1606	5025	3812	4110	0009
PRSC..16	8116	1706	5025	3816	4116	0012
PRSC..20	8120	1708	5003	3820	4115	0015
PRSC..25	8125	1710	5004	3825	4119	0019
PRSC..32	8132	1612	5005	3832	4125	0025

REFERENCE PLAQUETTES	s	d
RC.. 1003M0	3.18	10.00
RC.. 1204M0	4.76	12.00
RC.. 1606M0	6.35	16.00
RC.. 2006M0	6.35	20.00
RC.. 2507M0	7.94	25.00
RC.. 3209M0	9.52	32.00

Positive 7° clearance - Round inserts

RCGT-AL

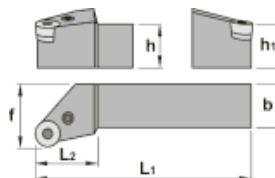
RCGT-AP

RCMT



PRSN

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
PRSN R/L 2020 K09	20	20	125	22	25	096025		57,70
PRSN R/L 2525 M12	25	25	150	28	32			61,10
PRSN R/L 3225 P15	32	25	170	34	32			66,78
PRSN R/L 3232 P19	32	32	170	42	40			79,23
PRSN R/L 4040 S25	40	40	250	45	50			107,05

ACCESSOIRES						
PRSN..09	8009	1606	5025	3909	4110	0009
PRSN..12	8012	1608	5003	3912	4112	0012
PRSN..15	8015	1708	5003	3915	4115	0015
PRSN..19	8019	1610	5004	3919	4119	0019
PRSN..25	8025	1612	5005	3925	4125	0025

REFERENCE PLAQUETTES	s	d
RNMG 090300	3,18	9,52
RNMG 120400	4,76	12,70
RNMG 150600	6,35	15,88
RNMG 190600	6,35	19,05
RNMG 250900	9,52	25,40

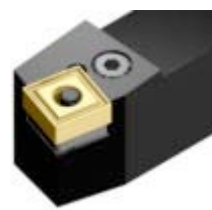
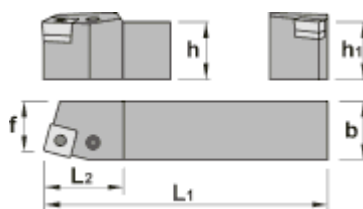
Negative round inserts

RNMG



PSBN 75°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
PSBN R/L 1212 F09	12	12	80	18	11			52,80
PSBN R/L 1616 H09	16	16	100	22	13			52,80
PSBN R/L 2020 K09	20	20	125	22	17			57,70
PSBN R/L 2020 K12	20	20	125	28	17	096043	096057	57,70
PSBN R/L 2525 M12	25	25	150	28	22	096044	096058	61,10
PSBN R/L 3225 P12	32	25	170	28	22	096045	096059	66,78
PSBN R/L 2525 M15	25	25	150	34	22			61,10
PSBN R/L 3232 P15	32	32	170	34	27			79,23
PSBN R/L 3232 P19	32	32	170	42	27	096048	096062	79,23
PSBN R/L 4040 S19	40	40	250	45	35	096049	096063	107,05
PSBN R/L 4040 S25	40	40	250	45	35	096050	096064	107,05
PSBN R/L 5050 T25	50	50	300	45	43	096051	096065	164,98

ACCESSOIRES						
PSBN R/L 1212 F09	8005	1715	5002	-	-	-
PSBN..09	8009	1606	5025	3509	4110	0009
PSBN..12	8012	1608	5003	3512	4112	0012
PSBN..15	8015	1708	5003	3515	4115	0015
PSBN..19	8019	1610	5004	3519	4119	0019
PSBN..25	8025	1612	5005	3525	4125	0025

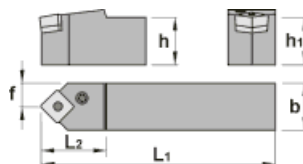
REFERENCE PLAQUETTES	l	s	d
SNMG 0903..	9,52	3,18	9,52
SNMG 1204..	12,70	4,76	12,70
SNMG 1506..	15,88	6,35	15,88
SNMG 1906..	19,05	6,35	19,05
SNMG 2507..	25,40	7,94	25,40

Negative square inserts.

SNMG-CR	SNMA	SNMG-CFM	SNMG-CMR	SNMM
				

PSDN 45°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f		Code N	Euro
PSDN N 1010 E09	10	10	80	18	5,0			52,80
PSDN N 1212 F09	12	12	100	22	6,0			52,80
PSDN N 1616 H09	16	16	125	22	8,0			52,80
PSDN N 2020 K12	20	20	125	28	10,0		096071	57,70
PSDN N 2525 M12	25	25	150	28	12,5		096072	61,10
PSDN N 3225 P12	32	25	170	28	12,5			66,78
PSDN N 3232 P12	32	32	170	28	16,0			79,23
PSDN N 3225 P19	32	25	170	42	12,5			66,78
PSDN N 3232 P19	32	32	170	42	16,0		096075	79,23
PSDN N 4040 S25	40	40	250	45	20,0		096076	107,05
PSDN N 5050 T25	50	50	300	45	25,0			164,98

ACCESSOIRES						
PSDN N 10..12..09	8005	1715	5002	-	-	-
PSDN..09	8009	1606	5025	3509	4110	0009
PSDN..12	8012	1608	5003	3512	4112	0012
PSDN..19	8019	1610	5004	3519	4119	0019
PSDN..25	8025	1612	5005	3525	4125	0025

REFERENCE PLAQUETTES	l	s	d
SNM.. 0903..	9,52	3,18	9,52
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1906..	19,05	6,35	19,05
SNM.. 2507..	25,40	7,94	25,40

Negative square inserts.

SNMG-CR

SNMA

SNMG-CFM

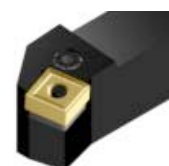
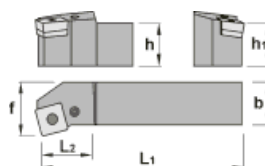
SNMG-CMR

SNMM



PSKN 75°

Toolholder with lever lock system



REFERENCE	h=h	b	L1	L2	f	Code R	Code L	Euro
PSKN R/L 1616 H09	16	16	100	22	20	096090		52,80
PSKN R/L 2020 K09	20	20	125	22	25			57,70
PSKN R/L 2020 K12	20	20	125	28	25	096092	096104	57,70
PSKN R/L 2525 M12	25	25	150	28	32	096093	096105	61,10
PSKN R/L 3225 P12	32	25	170	28	32	096094	096106	66,78
PSKN R/L 2525 M15	25	25	150	34	32			61,10
PSKN R/L 3232 P15	32	32	170	34	40			79,23
PSKN R/L 3232 P19	32	32	170	42	40		096109	79,23
PSKN R/L 4040 S19	40	40	250	45	50	096098	096110	107,05
PSKN R/L 4040 S25	40	40	250	45	50			107,05
PSKN R/L 5050 T25	50	50	300	45	60			164,98

ACCESSOIRES						
PSKN..09	8009	1606	5025	3509	4110	0009
PSKN..12	8012	1608	5003	3512	4112	0012
PSKN..15	8015	1618	5003	3515	4115	0015
PSKN..19	8019	1610	5004	3519	4119	0019
PSKN..25	8025	1612	5005	3525	4125	0025

REFERENCE PLAQUETTES	l	s	d
SNM.. 0903..	9,52	3,18	9,52
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05
SNM.. 2507..	25,40	7,94	25,40

Negative square inserts.

SNMG-CR

SNMA

SNMG-CFM

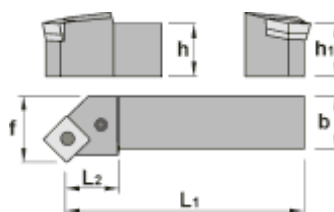
SNMG-CMR

SNMM



PSSN 45°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
PSSN R/L 1616 H09	16	16	100	22	20	096114	096128	52.80
PSSN R/L 2020 K09	20	20	125	22	25			57.70
PSSN R/L 2020 K12	20	20	125	28	25	096116	096130	57.70
PSSN R/L 2525 M12	25	25	150	28	32	096117	096131	61.10
PSSN R/L 3225 P12	32	25	170	28	32	096118	096132	66.78
PSSN R/L 2525 M15	25	25	150	34	32	096119	096133	61.10
PSSN R/L 3232 P15	32	32	170	34	40	096120	096134	79.23
PSSN R/L 3232 P19	32	32	170	42	40	096121	096135	79.23
PSSN R/L 4040 S19	40	40	250	45	50	096122	096136	107.05
PSSN R/L 5050 T19	50	50	300	45	60	096123	096137	164.98
PSSN R/L 4040 S25	40	40	250	45	50	096124	096138	107.05
PSSN R/L 5050 T25	50	50	300	45	60	096125	096139	164.98

ACCESSOIRES						
PSSN..09	8009	1606	5025	3509	4110	0009
PSSN..12	8012	1608	5003	3512	4112	0012
PSSN..15	8015	1618	5003	3515	4115	0015
PSSN..19	8019	1610	5004	3519	4119	0019
PSSN..25	8025	1612	5005	3525	4125	0025

REFERENCE PLAQUETTES	l	s	d
SNMG 0903..	9,52	3,18	9,52
SNMG 1204..	12,70	4,76	12,70
SNMG 1506..	15,88	6,35	15,88
SNMG 1906..	19,05	6,35	19,05
SNMG 2507..	25,40	7,94	25,40

Negative square inserts.

SNMG-CR

SNMA

SNMG-CFM

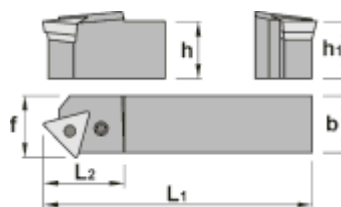
SNMG-CMR

SNMM



PTDN 45°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
PTDN R/L 2525 M22	25	25	150	34	27	096142	096146	61.10
PTDN R/L 3225 P22	32	32	170	34	27			66.78

ACCESSOIRES						
PTDN..22	8012	1608	5003	3422	4112	0012

REFERENCE PLAQUETTES	l	s	d
TNMG 2204..	22,00	4,76	12,70

Negative triangular inserts.

TNMG-CM

TNMA

TNMG-CFM

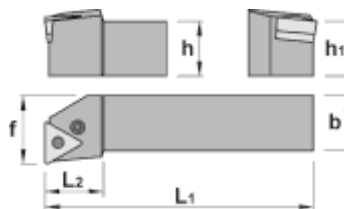
TNMG-CMF

TNMG-CMR



PTFN 90°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
PTFN R/L 1616 H16	16	16	100	22	20	096150	096161	52.80
PTFN R/L 2020 K16	20	20	125	22	25	096151	096162	57.70
PTFN R/L 2525 M16	25	25	150	22	32	096152	096163	61.10
PTFN R/L 3225 P16	32	25	170	22	32		096164	66.78
PTFN R/L 2525 M22	25	25	150	28	32	096154	096165	61.10
PTFN R/L 3225 P22	32	25	170	28	32			66.78
PTFN R/L 3232 P22	32	32	170	28	40	096156	096167	79.23
PTFN R/L 3232 P27	32	32	170	42	40			79.23
PTFN R/L 4040 S27	40	40	250	45	50	096158	096169	107.05

ACCESSOIRES						
PTFN..16	8009	1606	5025	3416	4109	0009
PTFN..22	8012	1608	5003	3422	4112	0012
PTFN..27	8015	1708	5003	3427	4115	0015

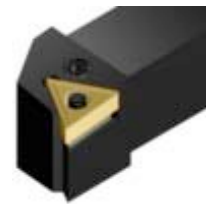
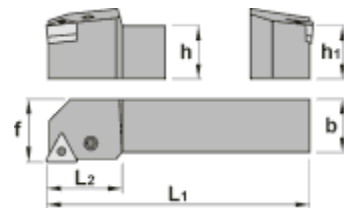
REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70
TNM.. 2706..	27,50	6,35	15,88

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX-R/L

PTGN 90°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
PTGN R/L 1616 H16	16	16	100	22	20	0,250	096171	096184	52.80
PTGN R/L 2020 K16	20	20	125	22	25	0,400	096172	096185	57.70
PTGN R/L 2525 M16	25	25	150	22	32	0,750	096173	096186	61.10
PTGN R/L 3225 P16	32	25	170	22	32	1,050	096174	096187	66.78
PTGN R/L 2525 M22	25	25	150	28	32	0,750	096175	096188	61.10
PTGN R/L 3225 P22	32	25	170	28	32	1,050	096177		66.78
PTGN R/L 3232 P22	32	32	170	28	40	1,300		096190	79.23
PTGN R/L 4040 S22	40	40	250	34	50	3,050		096191	107.05
PTGN R/L 3232 P27	32	32	170	42	40	1,300	096179		79.23
PTGN R/L 4040 S27	40	40	250	45	50	3,050			107.05
PTGN R/L 5050 T33	50	50	300	45	60	5,850	096181	096194	164.98

ACCESSOIRES						
PTGN..16	8009	1606	5025	3416	4109	0009
PTGN..22	8012	1608	5003	3422	4112	0012
PTGN..27	8015	1708	5003	3427	4115	0015
PTGN..33	8019	1610	5004	3433	4133	0019

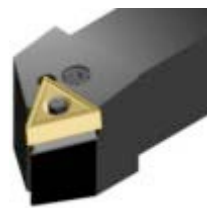
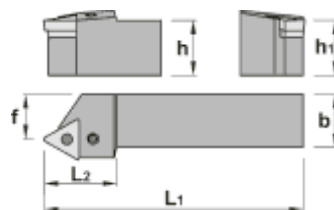
REFERENCE PLAQUETTES	l	s	d
TNMG 1604..	16,50	4,76	9,52
TNMG 2204..	22,00	4,76	12,70
TNMG 2706..	27,50	6,35	15,88
TNMG 3307..	33,00	7,93	19,05

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX-R/L

PTTN 60°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
PTTN R/L 1616 H16	16	16	100	25	13	096197		52.80
PTTN R/L 2020 K16	20	20	125	28	17	096198	096205	57.70
PTTN R/L 2525 M16	25	25	150	28	22	096199	096206	61.10
PTTN R/L 2525 M22	25	25	150	34	22	096200		61.10
PTTN R/L 3225 P22	32	25	170	34	22	096201		66.78

ACCESSOIRES						
PTTN..16	8009	1606	5025	3416	4109	0009
PTTN..22	8012	1608	5003	3422	4112	0012

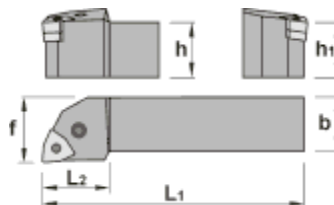
REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX-R/L

PWLN 95°

Toolholder with lever lock system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
PWLN R/L 1616 H06	16	16	100	15	20			52.80
PWLN R/L 2020 K06	20	20	125	25	25	096209	096210	57.70
PWLN R/L 2525 M06	25	25	150	25	32	096221	096222	61.10
PWLN R/L 2020 K08	20	20	125	34	25	096211	096216	57.70
PWLN R/L 2525 M08	25	25	150	34	32	096212	096217	61.10
PWLN R/L 3225 P08	32	25	170	34	32	096991		66.78
PWLN R/L 3232 P08	32	32	170	34	40	096214	096220	79.23

ACCESSOIRES						
PWLN..16	8009	1606	5025	3007	4109	0009
PWLN..22	8012	1608	5003	3008	4112	0012

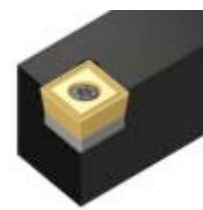
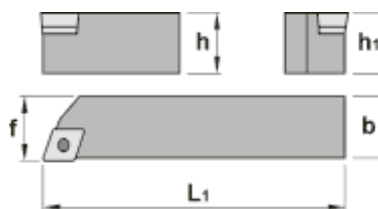
REFERENCE PLAQUETTES	l	s	d
WNM.. 0604..	6,45	4,76	9,52
WNM.. 0804..	8,14	4,76	12,70

Negative 80° trigon inserts.

WNMG-CF	WNMG-CM	WNMG-CS	WNMA	WNMG-CFM	WNMG-CMC	WNMG-CMF	WNMG-CMR

SCAC 90°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	f	Kg	Code R	Code L	Euro
SCAC R/L 0808 D06	8	8	60	8,5	0,050			47.03
SCAC R/L 1010 E06	10	10	70	10,5	0,070			47.03
SCAC R/L 1212 F09	12	12	80	12,5	0,100	096226	096233	50.30
SCAC R/L 1616 H09	16	16	100	16,5	0,200			52.13
SCAC R/L 2020 K12	20	20	125	20,5	0,400	096227	096235	55.78
SCAC R/L 2525 M12	25	25	150	25,5	0,700			61.13

ACCESSOIRES				
SCAC..06	1225	5507	-	-
SCAC..09	1240	5515	-	-
SCAC..12	1540	5517	3614	1760

REFERENCE PLAQUETTES	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCGT-AP



CCMT-03

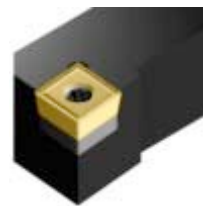
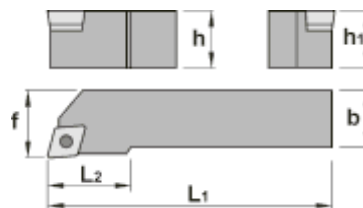


CCMW



SCLC 95°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Kg	Code R	Code L	Euro
SCLC R/L 0808 D06	8	8	60	10	10	0,050			47.03
SCLC R/L 1010 E06	10	10	70	10	12	0,070	096240	096248	47.03
SCLC R/L 1212 F09	12	12	80	16	16	0,100	096241	096249	50.30
SCLC R/L 1616 H09	16	16	100	16	20	0,200	096242	096250	52.13
SCLC R/L 2020 K09	20	20	125	16	25	0,400	096245		55.78
SCLC R/L 2020 K12	20	20	125	25	25	0,400	096243	096251	55.78
SCLC R/L 2525 M12	25	25	150	25	32	0,700	096244	096252	61.13

ACCESSOIRES				
SCLC..06	1225	5507	-	-
SCLC..09	1240	5515	-	-
SCLC..12	1540	5517	3614	1760

REFERENCE PLAQUETTES	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL



CCGT-AP



CCMT-03

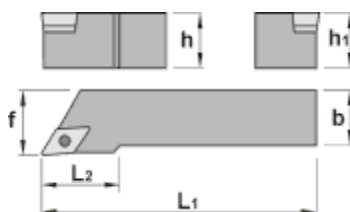


CCMW



SDJC 93°

Toolholder with center screw system



REFERENCE	h=h	b	L1	L2	f	Kg	Code R	Code L	Euro
SDJC R/L 1010 E07	10	10	70	16	12	0,070	096255	096262	47.03
SDJC R/L 1212 F07	12	12	80	18	16	0,100	096256	096263	50.30
SDJC R/L 1212 F11	12	12	80	18	16	0,100	096257	096264	50.30
SDJC R/L 1616 H11	16	16	100	22	20	0,200	096258	096265	52.13
SDJC R/L 2020 K11	20	20	125	22	25	0,400	096259	096266	55.78
SDJC R/L 2525 M11	25	25	150	22	32	0,700	096260	096267	61.13

ACCESSOIRES				
SDJC..07	1225	5507	-	-
SDJC R/L 1212 F11	1240	5515	-	-
SDJC..11	1335	5516	3714	1750

REFERENCE PLAQUETTES	d	l	s
DCM.. 0702..	6,35	7,75	2,38
DCM.. 11T3..	9,52	11,60	3,97

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

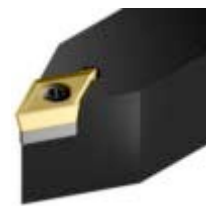
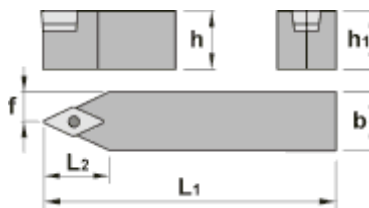
DCMT-03

DCMW



SDNC 62°30'

Toolholder with center screw system



REFERENCE	h=h	b	L1	L2	f	Kg		Code N	Euro
SDNC N 0808 D07	8	8	60	16	4,0	0,050		096992	47.03
SDNC N 1010 E07	10	10	70	16	5,0	0,070		096272	47.03
SDNC N 1212 F07	12	12	80	16	6,0	0,100		096273	50.30
SDNC N 1616 H11	16	16	100	22	8,0	0,200		096274	52.13
SDNC N 2020 K11	20	20	125	22	10,0	0,400		096275	55.78
SDNC N 2525 M11	25	25	150	22	12,5	0,700		096276	61.13

ACCESSOIRES				
SDNC..07	1225	5507	-	-
SDNC..11	1335	5516	3714	1750

REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

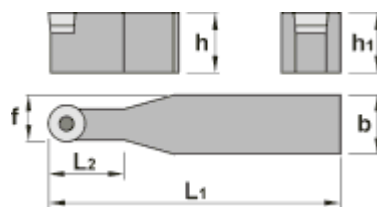
DCMT-03

DCMW



SRDC

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Kg		Code N	Euro
SRDC N 1010 E06	10	10	70	10	8,0	0,070			47.03
SRDC N 1212 F06	12	12	80	12	11,0	0,100			50.30
SRDC N 1616 H06	16	16	100	16	13,0	0,200			52.13
SRDC N 2020 K06	20	20	125	20	15,0	0,400		096325	55.78
SRDC N 2525 M06	25	25	150	25	17,5	0,700			61.13
SRDC N 1616 H08	16	16	100	16	13,0	0,200			52.13
SRDC N 2020 K08	20	20	125	20	15,0	0,400			55.78
SRDC N 2525 M08	25	25	150	25	17,5	0,700			61.13
SRDC N 2020 K10	20	20	125	22	15,0	0,400		096326	55.78
SRDC N 2525 M10	25	25	150	22	17,5	0,700		096327	61.13
SRDC N 2525 M12	25	25	150	28	18,5	0,700		096328	61.13
SRDC N 3225 P12	32	25	170	28	18,5	0,900		096329	70.55
SRDC N 3232 P12	32	32	170	28	22,0	1,200		096330	77.15

ACCESSOIRES				
SRDC..06	1225	5507	-	-
SRDC..08	1230	5508	-	-
SRDC..10	1335	5516	3811	1750
SRDC..12	1335	5516	3814	1750

REFERENCE PLAQUETTES	s	d
RC.. 0602M0	2,38	6,00
RC.. 0803M0	3,18	8,00
RC.. 10T3M0	3,97	10,00
RC.. 1204M0	4,76	12,00

Positive 7° clearance - Round inserts

RCGT-AL

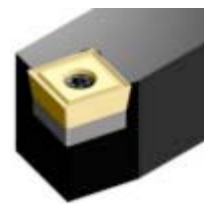
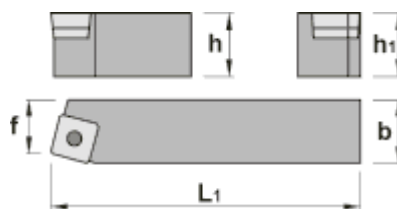
RCGT-AP

RCMT



SSBC 75°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SSBC R/L 1212 F09	12	12	80	-	11	096333	096339	50,30
SSBC R/L 1616 H09	16	16	100	-	13		096350	52,13
SSBC R/L 2020 K12	20	20	125	-	17			55,78
SSBC R/L 2525 M12	25	25	150	-	22			61,13

ACCESSOIRES				
SSBC..09	1240	5515	-	-
SSBC..12	1540	5517	3514	1760

REFERENCE PLAQUETTES	l	s	d
SC.. 09T3..	9,52	3,97	9,52
SC.. 1204..	12,70	4,76	12,70

Positive 7° clearance - Square inserts.

SCGT-AL

SCMT-03

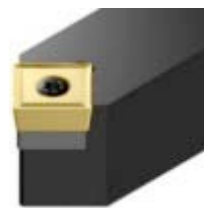
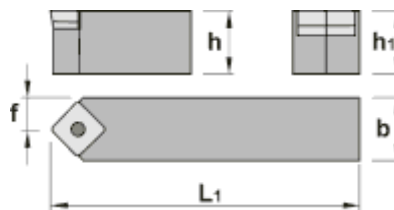
SCMT-39

SCMW



SSDC 45°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f		Code N	Euro
SSDC N 1212 F09	12	12	80	-	6,0		096345	50.30
SSDC N 1616 H09	16	16	100	-	8,0		096346	52.13
SSDC N 2020 K12	20	20	125	-	10,0			55.78
SSDC N 2525 M12	25	25	150	-	12,5			61.13

ACCESSOIRES				
SSDC..09				
SSDC..12	1240	5515	-	-
	1540	5517	3514	1760

REFERENCE PLAQUETTES	l	s	d
SC.. 09T3..	9,52	3,97	9,52
SC.. 1204..	12,70	4,76	12,70

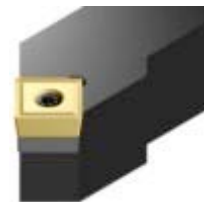
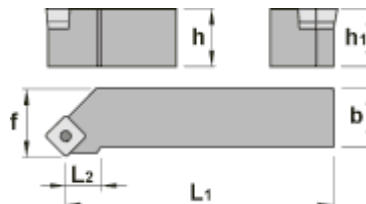
Positive 7° clearance - Square inserts.

SCGT-AL SCMT-03 SCMT-39 SCMW



SSSC 45°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SSSC R/L 1212 F09	12	12	80	-	16			50.30
SSSC R/L 1616 H09	16	16	100	-	20	096352		52.13
SSSC R/L 2020 K12	20	20	125	-	25	096353		55.78
SSSC R/L 2525 M12	25	25	150	-	32	096354		61.13

ACCESSOIRES				
SSSC..09				
SSSC..12	1240	5515	-	-
	1540	5517	3514	1760

REFERENCE PLAQUETTES	d	l	s
SC.. 09T3..	9,52	9,52	3,97
SC.. 1204..	12,70	12,70	4,76

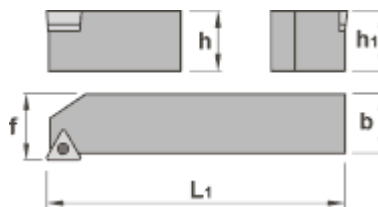
Positive 7° clearance - Square inserts.

SCGT-AL SCMT-03 SCMT-39 SCMW



STAC 90°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	f	Kg	Code R	Code L	Euro
STAC R/L 0808 D09	8	8	60	8,5	0,050			47,03
STAC R/L 1010 E09	10	10	70	10,5	0,070			47,03
STAC R/L 1212 F11	12	12	80	12,5	0,100	096365		50,30
STAC R/L 1616 H11	16	16	100	16,5	0,200	096366	096376	52,13
STAC R/L 1616 H16	16	16	100	16,5	0,200	095050	095060	52,13
STAC R/L 2020 K16	20	20	125	20,5	0,400			55,78
STAC R/L 2525 M16	25	25	150	25,5	0,700			61,13

ACCESSOIRES				
STAC..09	1222	5506	-	-
STAC..11	1225	5507	-	-
STAC..16	1335	5516	3414	1750

REFERENCE PLAQUETTES	d	l	s
TCM.. 0902..	5,55	9,62	2,38
TCM.. 1102..	6,35	11,00	2,38
TCM.. 16T3..	9,52	16,50	3,97

Positive 7° clearance - Triangular inserts.

TCGT-AL



TCMT-03

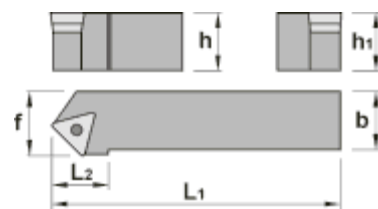


TCMW



STDC 45°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
STDC R/L 0808 D09	8	8	60	11	10			47.03
STDC R/L 1010 E09	10	10	70	11	11			47.03
STDC R/L 1212 F11	12	12	80	16	13	096385	096396	50.30
STDC R/L 1616 H11	16	16	100	16	17	096386		52.13
STDC R/L 1212 F16	12	12	80	21	17			50.30
STDC R/L 1616 H16	16	16	100	21	17			52.13
STDC R/L 2020 K16	20	20	125	21	22	096389		55.78
STDC R/L 2525 M16	25	25	150	21	27	096390		61.13

ACCESSOIRES				
STDC..09	1222	5506	-	-
STDC..11	1225	5507	-	-
STDC R/L 1212 F16	1240	5515	-	-
STDC..16	1335	5516	3414	1750

REFERENCE PLAQUETTES	l	s	d
TC.. 0902..	9,62	2,38	5,55
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL



TCMT-03

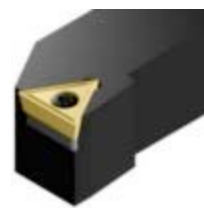
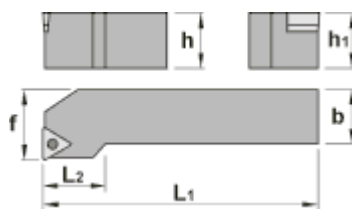


TCMW



STFC 90°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
STFC R/L 0808 D09	8	8	60	16	10			47.03
STFC R/L 1010 E09	10	10	70	16	12	096878	096879	47.03
STFC R/L 1212 F11	12	12	80	18	16			50.30
STFC R/L 1616 H11	16	16	100	22	20	096410		52.13
STFC R/L 1212 F16	12	12	80	18	16			50.30
STFC R/L 1616 H16	16	16	100	22	20			52.13
STFC R/L 2020 K16	20	20	125	22	25	096411		55.78
STFC R/L 2525 M16	25	25	150	22	32	096412	096413	61.13

ACCESSOIRES				
STFC..09	1222	5506	-	-
STFC..11	1225	5507	-	-
STFC R/L 1212 F16	1240	5515	-	-
STFC..16	1335	5516	3414	1750

REFERENCE PLAQUETTES	l	s	d
TCM.. 0902..	9,62	2,38	5,55
TCM.. 1102..	11,00	2,38	6,35
TCM.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL

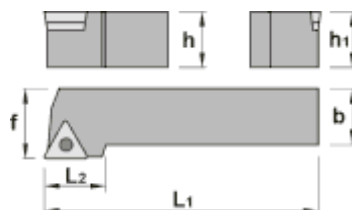
TCMT-03

TCMW



STGC 90°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
STGC R/L 0808 D09	8	8	60	16	10			47.03
STGC R/L 1010 E09	10	10	70	16	12	096428	096439	47.03
STGC R/L 1212 F11	12	12	80	18	16	096429	096440	50.30
STGC R/L 1616 H11	16	16	100	22	20	096430	096441	52.13
STGC R/L 1212 F16	12	12	80	18	16			50.30
STGC R/L 1616 H16	16	16	100	22	20	096432	096442	52.13
STGC R/L 2020 K16	20	20	125	22	25	096433	096444	55.78
STGC R/L 2525 M16	25	25	150	22	32	096434	096445	61.13

ACCESSOIRES				
STGC..09	1222	5506	-	-
STGC..11	1225	5507	-	-
STGC R/L 1212 F16	1240	5515	-	-
STGC..16	1335	5516	3414	1750

REFERENCE PLAQUETTES	d	l	s
TCM.. 0902..	5,55	9,62	2,38
TCM.. 1102..	6,35	11,00	2,38
TCM.. 16T3..	9,52	16,50	3,97

Positive 7° clearance - Triangular inserts.

TCGT-AL

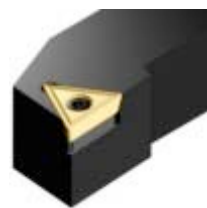
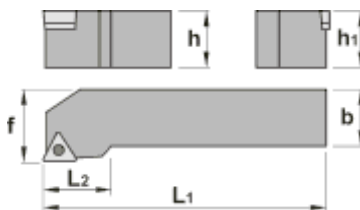
TCMT-03

TCMW



STJC 93°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
STJC R/L 0808 D09	8	8	60	16	10			47.03
STJC R/L 1010 E09	10	10	70	16	12			47.03
STJC R/L 1212 F11	12	12	80	18	16	096451	096462	50.30
STJC R/L 1616 H11	16	16	100	22	20	096452		52.13
STJC R/L 1212 F16	12	12	80	18	16	096453		50.30
STJC R/L 1616 H16	16	16	100	22	20			52.13
STJC R/L 2020 K16	20	20	125	22	25	096455		55.78
STJC R/L 2525 M16	25	25	150	22	32	096456		61.13

ACCESSOIRES				
STJC..09	1222	5506	-	-
STJC..11	1225	5507	-	-
STJC R/L 1212 F16	1240	5515	-	-
STJC..16	1335	5516	3414	1750

REFERENCE PLAQUETTES	l	s	d
TCM.. 0902..	9,62	2,38	5,55
TCM.. 1102..	11,00	2,38	6,35
TCM.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL

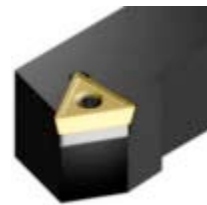
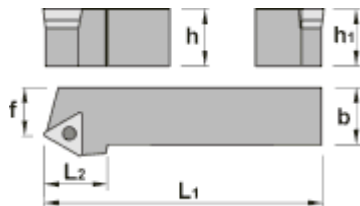
TCMT-03

TCMW



STTC 60°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
STTC R/L 0808 D09	8	8	60	16	7			47.03
STTC R/L 1010 E09	10	10	70	16	9			47.03
STTC R/L 1212 F11	12	12	80	18	11	096473		50.30
STTC R/L 1616 H11	16	16	100	22	13			52.13
STTC R/L 1212 F16	12	12	80	18	11			50.30
STTC R/L 1616 H16	16	16	100	22	13	096476		52.13
STTC R/L 2020 K16	20	20	125	22	17	096477	096488	55.78
STTC R/L 2525 M16	25	25	150	22	22			61.13

ACCESSOIRES				
STTC..09	1222	5506	-	-
STTC..11	1225	5507	-	-
STTC R/L 1212 F16	1240	5515	-	-
STTC..16	1335	5516	3414	1750

REFERENCE PLAQUETTES	l	s	d
TCM.. 0902..	9,62	2,38	5,55
TCM.. 1102..	11,00	2,38	6,35
TCM.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL

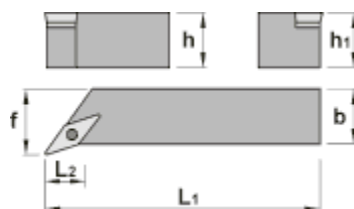
TCMT-03

TCMW



SVHC 107° 30'

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SVHC R/L 2020 K16	20	20	125	15,4	25			65.30
SVHC R/L 2525 M16	25	25	150	21,0	32			70.00
SVHC R/L 3225 P16	32	25	170	21,0	32			83.08
SVHC R/L 2525 M22	25	25	150	19,6	32			70.00
SVHC R/L 3225 P22	32	25	170	19,6	32			83.08

ACCESSOIRES				
SVHC..16	1335	5516	3718	1750
SVHC..22	1540	5520	3722	1760

REFERENCE PLAQUETTES	l	s	d
VC.. 1604..	16,50	4,76	9,52
VC.. 2205..	22,10	5,56	12,70

Positive 7° clearance - 35° rhombic inserts

VCGT-AL

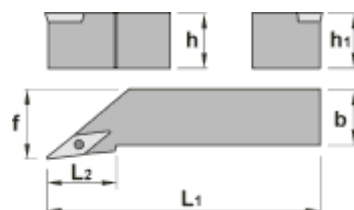
VCGT-AP

VCMT-03



SVJB 93°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SVJB R/L 2020 K16	20	20	125	37	25	096493	096497	65,30
SVJB R/L 2525 M16	25	25	150	37	32	096494	096498	70,00
SVJB R/L 3225 P16	32	25	170	37	32	096495	096499	83,08

ACCESSOIRES				
SVJB..16	1335	5516	3718	1750

REFERENCE PLAQUETTES	l	s	d
VB.. 1604..	16,50	4,76	9,52

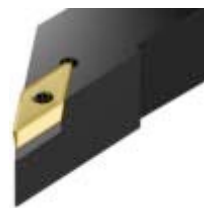
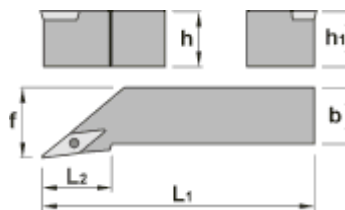
Positive 5° clearance - 35° rhombic inserts.

VBMM



SVJC 93°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SVJC R/L 1212 F11	12	12	80	25	16			55.68
SVJC R/L 1616 H11	16	16	100	25	20			58.10
SVJC R/L 2020 K11	20	20	125	25	25			65.30
SVJC R/L 2020 K16	20	20	125	37	25	096510	096513	65.30
SVJC R/L 2525 M16	25	25	150	37	32	096511	096512	70.00
SVJC R/L 3225 P16	32	25	170	37	32			83.08

ACCESSOIRES				
SVJC..11	1225	5507	-	-
SVJC..16	1335	5516	3718	1750

REFERENCE PLAQUETTES	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52

Positive 7° clearance - 35° rhombic inserts

VCMT-AL

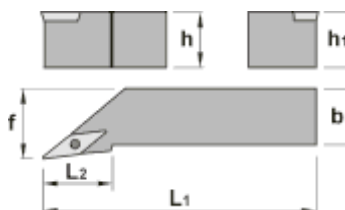
VCMT-AP

VCMT-03



SVLC 95°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SVLC R/L 1212 G13	12	12	90	25	16			55,68
SVLC R/L 1616 H13	16	16	100	25	20			58,10
SVLC R/L 2020 K13	20	20	125	28	25			65,30
SVLC R/L 2525 M13	25	25	150	30	32			70,00

ACCESSOIRES		
SVLC..13	1230	5508

REFERENCE PLAQUETTES	l	s	d
VC.. 1303..	13,00	3,18	8,00

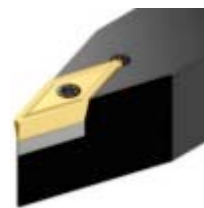
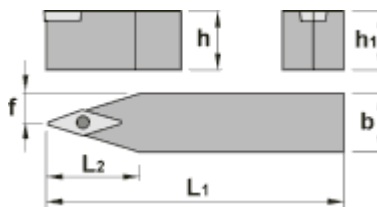
Positive 7° clearance - 35° rhombic inserts.

VCMT-03



SVVB 72° 30'

Toolholder with center screw system



REFERENCE	h=h1	b	L1	f	Kg	Code R	Code L	Euro
SVVB N 2020 K16	20	20	125	37	10,6		096527	65,30
SVVB N 2525 M16	25	25	150	37	13,1		096528	70,00
SVVB N 3225 P16	32	25	170	37	13,1		096529	83,08

ACCESSOIRES				
SVVB..16	1335	5516	3718	1750

REFERENCE PLAQUETTES	l	s	d
VB.. 1604..	16,50	4,76	9,52

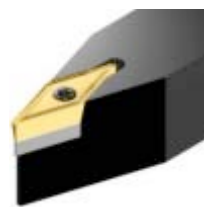
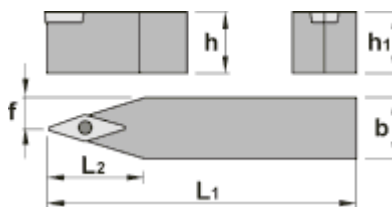
Positive 5° clearance - 35° rhombic inserts.

VBMM



SVVC 72° 30'

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SVVC N 1212 F11	12	12	80	25	6,6			55.68
SVVC N 1616 H11	16	16	100	25	8,6			58.10
SVVC N 2020 K11	20	20	125	25	10,6			65.30
SVVC N 2020 K16	20	20	125	37	10,6			65.30
SVVC N 2525 M16	25	25	150	37	13,1			70.00
SVVC N 3225 P16	32	25	170	37	13,1			83.08

ACCESSOIRES				
SVVC..11	1225	5507	-	-
SVVC..16	1335	5516	3718	1750

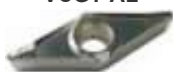
REFERENCE PLAQUETTES	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52

Positive 7° clearance - 35° rhombic inserts

VCGT-AL

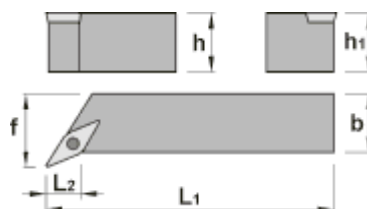
VCGT-AP

VCMT-03



SVXC 113°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SVXC R/L 1212 G13	12	12	90	11,5	16	096030		55,68
SVXC R/L 1616 H13	16	16	100	13,8	20			58,10
SVXC R/L 2020 K13	20	20	125	10,4	25			65,30
SVXC R/L 2525 M13	25	25	150	20,2	32			70,00

ACCESSOIRES		
SVXC..16	1230	5508

REFERENCE PLAQUETTES	l	s	d
VC.. 1303..	13,00	3,18	8,00

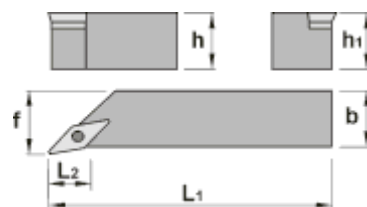
Positive 7° clearance - 35° rhombic inserts.

VCMT-03



SVZC 100°

Toolholder with center screw system



REFERENCE	h=h1	b	L1	L2	f	Code R	Code L	Euro
SVZC R/L 2020 K16	20	20	125	25,7	25			65.30
SVZC R/L 2525 M16	25	25	150	28,5	32			70.00
SVZC R/L 3225 P16	32	25	170	28,5	32			83.08

ACCESSOIRES				
SVZC..16	1335	5516	3718	1750

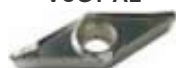
REFERENCE PLAQUETTES	l	s	d
VC.. 1604..	16,50	4,76	9,52

Positive 7° clearance - 35° rhombic inserts

VCGT-AL

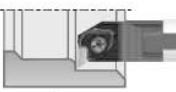
VCGT-AP

VCMT-03

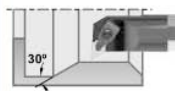


Barres Alésage

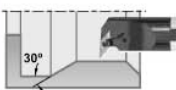
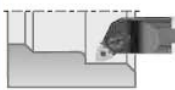
Top clamp boring bars

CKUN 93°   Page 46 KNUX 1604..	CSKP 75°   Page 46 SP.. 0903.. SP.. 1203.. SP.. 1904..	CTFP 90°   Page 47 TP.. 0902.. TP.. 1103.. TP.. 1603.. TP.. 2204..	CTUP 93°   Page 48 TP.. 0902.. TP.. 1103.. TP.. 1603.. TP.. 2204..		
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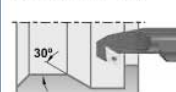
Dimple lock boring bars

DCLN 95°   Page 48 CN.. 1204..	DDUN 93°   Page 49 DN.. 1506..				
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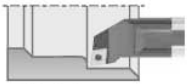
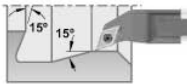
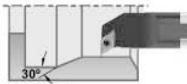
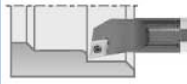
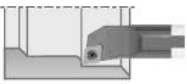
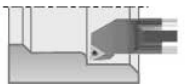
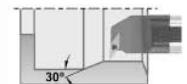
Wedge clamp / Double lock boring bars

MCLN-K 95°   Page 49 CN.. 1204..	MDUN-K 93°   Page 50 DN.. 1506..	MSKN-K 75°   Page 50 SNM.. 1204..	MTFN 90°   Page 51 TNM.. 1604.. TNM.. 2204..	MTFN-K 90°   Page 51 TNM.. 1604..	MTUN 93°   Page 52 TNM.. 1604.. TNM.. 2204..
MVUN-K 93°   Page 52 VN.. 1604..	MWLN 95°   Page 53 WNM.. 0604.. WNM.. 0804..	MWLN-K 95°   Page 53 WNM.. 0804..			

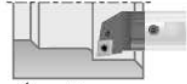
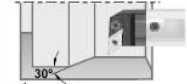
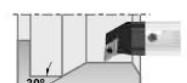
Lever lock boring bars

PCKN 75°   Page 54 CN.. 1204.. CN.. 1606.. CN.. 1906..	PCLN 95°   Page 54-55 CN.. 0903.. CN.. 1204.. CN.. 1606.. CN.. 1906..	PDUN 93°   Page 55-56 DN.. 1104.. DN.. 1506..	PDUN 93°-EX   Page 56 DN.. 1506..	PSKN 75°   Page 57 SNM.. 1204.. SNM.. 1906..	
PTFN 90°   Page 58 TNM.. 1604.. TNM.. 2204..	PWLN 95°   Page 59 WNM.. 0604.. WNM.. 0804..				

Center screw boring bars

SCLC 95°   CC.. 0602.. CC.. 09T3.. CC.. 1204.. Page 60-61	SCLCN 95°   CC.. 0602.. CC.. 09T3.. CC.. 1204.. Page 61	SDQC 107°30'   DC.. 0702.. DC.. 11T3.. Page 62	SDUC 93°   DC.. 0702.. DC.. 11T3.. Page 63-64	SDUC 93°-EX   DC.. 0702.. DC.. 11T3.. Page 64-65	SELC 97°30'   ECMT 0602.. ECMT 0803.. Page 65
SELP 97°30'   EPM.. 0402.. EPM.. 0803.. Page 66	SSKC 75°   SC.. 09T3.. SC.. 1204.. Page 66	SSSC 45°   SC.. 09T3.. Page 67	STFC 90°   TC.. 0902.. TC.. 1102.. TC.. 16T3.. Page 67-68	STUC 93°   TC.. 1102.. TC.. 16T3.. Page 69	SVQC 107°30'   VC.. 1103.. VC.. 1303.. VC.. 1604.. Page 69-70
SVUB 93°   VBMT 1604.. Page 70	SVUC 93°   VC.. 1103.. VC.. 1604.. Page 71				

Anti-vibration tools

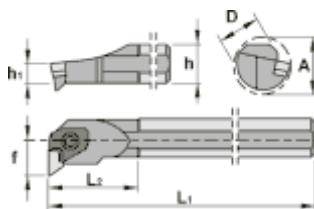
JX  Page 72	MTUN 93°   TNM.. 1604.. TNM.. 2204.. Page 72	PCLN 95°   CN.. 1204.. CN.. 1606.. Page 73	PDUN 93°   DN.. 1506.. Page 73	PWLN 95°   WNM.. 0804.. Page 74	SCLC 95°   CC.. 09T3.. CC.. 1204.. Page 74-75
SDUC 93°   DC.. 11T3.. Page 75-76	STFC 90°   TC.. 16T3.. Page 76-77	SXFN 90°   16 NR/L.. 22 NR/L.. Page 77			

Sets

SET SCLC 95°  Page 78 CC.. 0602.. 	SET SDQC 107°30'  Page 78 DC.. 0702.. 	SET SDUC 93°  Page 79 DC.. 0702.. 	SET STFC 90°  Page 79 TC.. 1102.. 		
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CKUN 93°

Boring bar with C clamping system



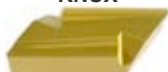
REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T CKUN R/L 16	25	23	11,5	300	50	20,5	37	096569	096574	110.08
S32U CKUN R/L 16	32	30	15,0	350	54	22,5	39	096570	096575	163.03
S40V CKUN R/L 16	40	37	18,5	400	60	27,0	48	096571	096576	185.40
S50W CKUN R/L 16	50	47	23,5	450	65	35,0	61	096572	096577	245.65

ACCESSOIRES							
S25T CKUN R 16	2326	1614	5004	4295	4201	-	-
S32U CKUN R 16	2326	1614	5004	4295	4202	3236	4012
..CKUN L 16	2326	1614	5004	4295	4204	3236	4012
S25T CKUN L 16	2316	1614	5004	4295	4201	-	-
S32U CKUN L 16	2316	1614	5004	4295	4202	3226	4012
..CKUN R 16	2316	1614	5004	4295	4204	3226	4012

REFERENCE PLAQUETTES	l	s	d
KNUX 1604..	16,00	4,76	9,52

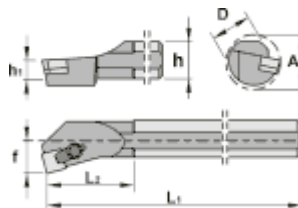
Negative KNUX Inserts

KNUX



CSKP 75°

Boring bar with C clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S16R CSKP R/L 09	16	15	7,5	200	30	11	20	096579	096588	70.00
S20S CSKP R/L 09	20	18	9,0	250	35	13	24	096580	096589	88.20
S25T CSKP R/L 12	25	23	11,5	300	40	17	31	096581		96.70
S32U CSKP R/L 12	32	30	15,0	350	50	22	39	096582		124.38
S40V CSKP R/L 12	40	37	18,5	400	60	27	48			160.90
S50W CSKP R/L 12	50	47	23,5	450	65	35	61			218.30
S50W CSKP R/L 19	50	47	23,5	450	65	35	61			218.30

ACCESSOIRES						
S16R CSKP R/L 09	2107	5025	-	-	-	9009
S20S CSKP R/L 09	2107	5025	-	-	-	9012-9112
S25T CSKP R/L 12	2109	5003	-	-	2309	9012-9112
S32U CSKP R/L 12	2209	5003	3112	4002	2309	9012-9112
S40V CSKP R/L 12	2209	5003	3112	4002	2409	9012-9112
S50W CSKP R/L 12	2209	5003	3112	4002	2409	9012-9112
S50W CSKP R/L 19	2211	5004	3119	4012	2411	9019-9119
Supplementary accesories						

REFERENCE PLAQUETTES	d	l	s
SP..0903..	9,52	9,52	3,18
SP..1203..	12,70	12,70	3,18
SP..1904..	19,05	19,05	4,76

Positive 11° clearance - Square inserts

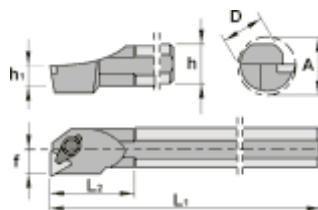
SPMR-33

SPUN



CTFP 90°

Boring bar with C clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S10M CTFP R/L 09	10	9	4,5	150	25	7	13	096597		67.20
S12M CTFP R/L 09	12	11	5,5	150	25	9	16	096598	096613	67.20
S12M CTFP R/L 11	12	11	5,5	150	25	9	16	096599	096614	67.20
S16R CTFP R/L 11	16	15	7,5	200	30	11	20	096600		70.00
S20S CTFP R/L 11	20	18	9,0	250	35	13	24	096601	096616	88.20
S16R CTFP R/L 16	16	15	7,5	200	30	11	20	096602	096617	70.00
S20S CTFP R/L 16	20	18	9,0	250	35	13	24	096603	096618	88.20
S25T CTFP R/L 16	25	23	11,5	300	40	17	31	096604	096619	96.70
S32U CTFP R/L 16	32	30	15,0	350	50	22	39	096605	096620	124.38
S40V CTFP R/L 16	40	37	18,5	400	60	27	48	096606	096621	160.90
S50W CTFP R/L 16	50	47	23,5	450	65	35	61	096907		218.30
S40V CTFP R/L 22	40	37	18,5	400	60	27	48	096608	096623	160.90
S50W CTFP R/L 22	50	47	23,5	450	65	35	61			218.30

ACCESSOIRES						
.. CTFP R/L 09	2000	5015	-	-	-	-
S12M CTFP R/L 11	2304	5025	-	-	-	-
.. CTFP R/L 11	2107	5025	-	-	2307	9011-9111
S16-20.. CTFP R/L 16	2119	5003	-	-	2309	9016-9116
S25T CTFP R/L 16	2109	5003	-	-	2309	9016-9116
.. CTFP R/L 16	2209	5003	3116	4002	2409	9016-9116
.. CTFP R/L 22	2211	5004	3122	4012	2411	9022-9122

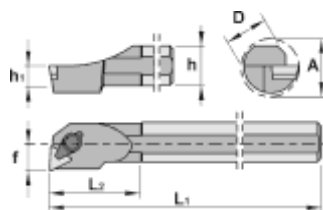
REFERENCE PLAQUETTES	l	s	d
TP.. 0902..	9,62	2,38	5,55
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52
TP.. 2204..	22,00	4,76	12,70

Positive 11° clearance - Triangular inserts.

TPMN	TPMR-33	TPUN	TPUX R/L
			

CTUP 93°

Boring bar with C clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S10M CTUP R/L 09	10	9	4,5	150	25	7	13	096633	096648	67.20
S12M CTUP R/L 09	12	11	5,5	150	25	9	16	096634	096649	67.20
S12M CTUP R/L 11	12	11	5,5	150	25	9	16	096635	096650	67.20
S16R CTUP R/L 11	16	15	7,5	200	30	11	20	096636	096651	70.00
S20S CTUP R/L 11	20	18	9,0	250	35	13	24	096637	096652	88.20
S16R CTUP R/L 16	16	15	7,5	200	30	11	20	096638	096653	70.00
S20S CTUP R/L 16	20	18	9,0	250	35	13	24	096639	096654	88.20
S25T CTUP R/L 16	25	23	11,5	300	40	17	31	096640	096655	96.70
S32U CTUP R/L 16	32	30	15,0	350	50	22	39	096641	096656	124.38
S40V CTUP R/L 16	40	37	18,5	400	60	27	48	096642	096657	160.90
S50W CTUP R/L 16	50	47	23,5	450	65	35	61	096643	096658	218.30
S40V CTUP R/L 22	40	37	18,5	400	60	27	48			160.90
S50W CTUP R/L 22	50	47	23,5	450	65	35	61			218.30

ACCESSOIRES						
.. CTUP R/L 09	2000	5015	-	-	-	-
S12M CTUP R/L 11	2304	5025	-	-	-	-
.. CTUP R/L 11	2107	5025	-	-	2307	9011-9111
S16-20.. CTUP R/L 16	2119	5003	-	-	2309	9016-9116
S25T CTUP R/L 16	2109	5003	-	-	2309	9016-9116
.. CTUP R/L 16	2209	5003	3116	4002	2409	9016-9116
.. CTUP R/L 22	2211	5004	3122	4012	2411	9022-9122

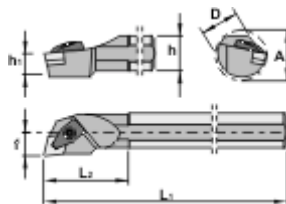
REFERENCE PLAQUETTES	l	s	d
TP.. 0902..	9,62	2,38	5,55
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52
TP.. 2204..	22,00	4,76	12,70

Positive 11° clearance - Triangular inserts.



DCLN 95°

Boring bar with dimple lock clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T DCLN R/L 12	25	23	11,5	300	40	17	31			126.88
S32U DCLN R/L 12	32	30	15,0	350	50	22	39			164.23
S40V DCLN R/L 12	40	37	18,5	400	60	27	48			186.18

ACCESSOIRES						
..DCLN R/L 12	ICSN-432	1160	2312	1907	4294	5025

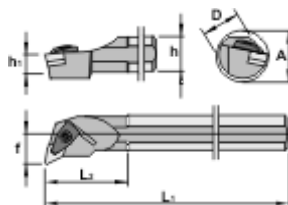
REFERENCE PLAQUETTES	l	s	d
CN.. 1204..	12,90	4,76	12,70

Negative 80° rhombic inserts.



DDUN 93°

Boring bar with **dimple lock** clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S32U DDUN R/L 15	32	30	15,0	350	50	22	39			164.23
S40V DDUN R/L 15	40	37	18,5	400	60	27	48			186.18

ACCESSOIRES						
.. DDUN R/L 12	IDSN-432	1160	2312	1907	4294	5004

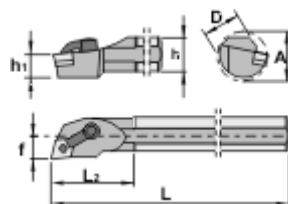
REFERENCE PLAQUETTES	I	s	d
DN..1506	15,50	6,35	12,70

Negative 55° rhombic inserts.

DNMG-CF	DNMG-CM	DNGP	DNMA	DNMG-CFM	DNMG-CMR	DNMX
						

MCLN-K 95°

Boring bar with **double lock** clamping system

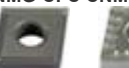


REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T MCLN R/L 12-K	25	23	11,5	300	33	17	31			126.88
S32U MCLN R/L 12-K	32	30	15,0	350	50	22	39			164.23
S40V MCLN R/L 12-K	40	37	18,5	400	60	27	48			186.18

ACCESSOIRES						
S25T MCLN R/L 12-K	2613	1186	5003	-	1686	5025
..MCLN R/L 12-K	2613	1086	5003	ICSN-432	1656	5025

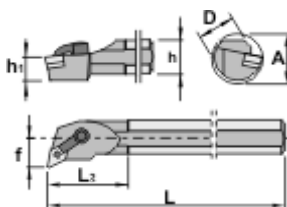
REFERENCE PLAQUETTES	I	s	d
CN.. 1204..	12,90	4,76	12,70

Negative 80° rhombic inserts.

CNMG-CF	CNMG-CM	CNMG-CR	CNMG-CS	CNGP	CNMA	CNMG-CFM	CNMG-CFC	CNMG-CMC	CNMG-CMF	CNMG-CMR	CNMM
											

MDUN-K 93°

Boring bar with **double lock clamping system**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T MDUN R/L 15-K	25	23	11,5	300	40	17	31			126.88
S32U MDUN R/L 15-K	32	30	15,0	350	50	22	39			164.23
S40V MDUN R/L 15-K	40	37	18,5	400	60	27	48			186.18

ACCESSOIRES						
S25T MDUN R/L 15-K	2613	1186	5003	IDSN-432	1666	5025
..MDUN R/L 15-K	2613	1086	5003	IDSN-432	1666	5025

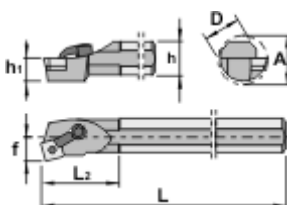
REFERENCE PLAQUETTES	I	s	d
DN..1506	15,50	6,35	12,70

Negative 55° rhombic inserts.



MSKN-K 75°

Boring bar with **double lock clamping system**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S32U MSKN R/L 12-K	32	33	15,0	350	50	22	39			164.23
S40V MSKN R/L 12-K	40	37	18,5	400	60	27	48			186.13

ACCESSOIRES						
..MSKN R/L 12-K	2613	1086	5003	ISSN-432	1656	5025

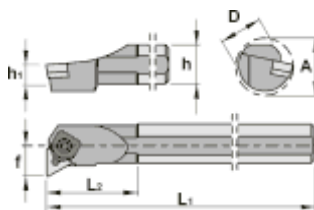
REFERENCE PLAQUETTES	I	s	d
SNM..1204..	12,70	4,76	12,70

Negative square inserts.



MTFN 90°

Boring bar with **wedge clamp system**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T MTFN R/L 16	25	23	11,5	300	40	17	31	096663		126.88
S32U MTFN R/L 16	32	30	15,0	350	50	22	39	096664	096670	164.23
S40V MTFN R/L 16	40	37	18,5	400	60	27	48			186.18
S50W MTFN R/L 16	50	47	23,5	450	65	35	61			226.90
S40V MTFN R/L 22	40	37	18,5	400	60	27	48	096665		186.18
S50W MTFN R/L 22	50	47	23,5	450	65	35	61	096666		226.90

ACCESSOIRES					
S25T MTFN R/L 16	2014	5005	3414	1644	1813
MTFN R/L 16	2014	5005	3414	1644	1393
MTFN..22	2024	5005	ITSN-433	1661	1394

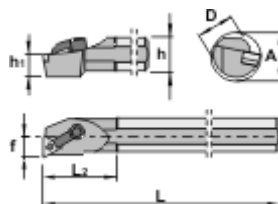
REFERENCE PLAQUETTES	I	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX

MTFN-K 90°

Boring bar with **double lock clamping system**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T MTFN R/L 16-K	25	23	11,5	300	40	17	31			126.88
S32U MTFN R/L 16-K	32	33	15,0	350	50	22	39			164.23
S40V MTFN R/L 16-K	40	37	18,5	400	60	27	48			186.18

ACCESSOIRES						
..MTFN R/L 16-K	2613	1086	5003	ITSN-322	1656	5025

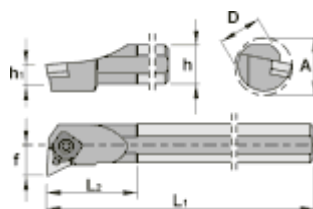
REFERENCE PLAQUETTES	I	s	d
TNM.. 1604..	16,50	4,76	9,52

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX

MTUN 93°

Boring bar with **wedge clamp system**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T MTUN R/L 16	25	23	11,5	300	40	17	31	096675	096680	126.88
S32U MTUN R/L 16	32	30	15,0	350	50	22	39	096676	096681	164.23
S40V MTUN R/L 16	40	37	18,5	400	60	27	48			186.18
S50W MTUN R/L 16	50	47	23,5	450	65	35	61			226.90
S40V MTUN R/L 22	40	37	18,5	400	60	27	48	096677		186.18
S50W MTUN R/L 22	50	47	23,5	450	65	35	61	096678		226.90

ACCESSOIRES					
MTUN..16	2014	5005	3414	1644	1393
MTUN..22	2024	5005	ITSN-433	1661	1394

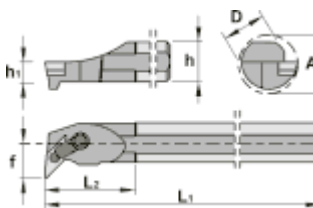
REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX

MVUN-K 93°

Boring bar with **wedge clamp system**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T MVUN R/L 16-K	25	23	11,5	300	40	17	31			133.15
S32U MVUN R/L 16-K	32	30	15,0	350	50	22	39			180.60
S40V MVUN R/L 16-K	40	37	18,5	400	60	27	48			204.78

ACCESSOIRES						
S25T MVUN R/L 16-K	2614	5003	3717	1186	1665	5002
MVUN..16-K	2614	5003	3717	1086	1665	5002

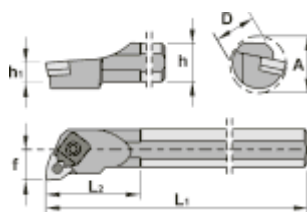
REFERENCE PLAQUETTES	l	s	d
VN.. 1604..	16,50	4,76	9,52

Negative 35° rhombic inserts.

VNGP	VNMG	VNMG-CMC

MWLN 95°

Boring bar with double lock clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S20S MWLN R/L 06	20	18	9,0	250	36	13	27			120.73
S25T MWLN R/L 06	25	23	11,5	300	40	17	31			126.88
S32U MWLN R/L 06	32	30	15,0	350	50	22	39			164.23
S25T MWLN R/L 08	25	23	11,5	300	40	17	31	096695	096700	126.88
S32U MWLN R/L 08	32	30	15,0	350	50	22	39	096696	096701	164.23
S40V MWLN R/L 08	40	37	18,5	400	60	27	48	096697	096702	186.18
S50W MWLN R/L 08	50	47	23,5	450	65	35	61	096698	096703	226.90

ACCESSOIRES					
S20S MWLN R/L 06	2006	5003	-	1643	1813
S25T MWLN R/L 06	2006	5003	3006	1644	1813
S32U MWLN R/L 06	2006	5003	3006	1644	1393
S25T MWLN R/L 08	2011	5005	-	1647	1814
.. MWLN R/L 08	2011	5005	IWSN-432	1661	1814

REFERENCE PLAQUETTES	l	s	d
WNM.. 0604..	6,45	4,76	9,52
WNM.. 0804..	8,14	4,76	12,70

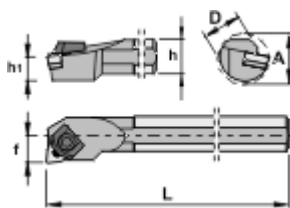
Negative 80° trigon inserts.

WNMG-CF WNMG-CM WNMG-CS WNMA WNMG-CFM WNMG-CMC WNMG-CMF WNMG-CMR



MWLN-K 95°

Boring bar with double lock clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T MWLN R/L 08-K	25	23	11,5	300	40	17	31			126.88
S32U MWLN R/L 08-K	32	33	15,0	350	50	22	39			164.23
S40V MWLN R/L 08-K	40	37	18,5	400	60	27	48			186.18
S50W MWLN R/L 08-K	50	47	23,5	450	65	35	61			226.90

ACCESSOIRES					
S25T ..MWLN R/L 08-K	2018	-	1647	5025	1814
..MWLN R/L 08-K	2018	IWSN-432	1661	5025	1814

REFERENCE PLAQUETTES	l	s	d
WNM.. 0804..	8,14	4,76	12,70

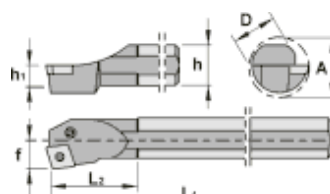
Negative 80° trigon inserts.

WNMG-CF WNMG-CM WNMG-CS WNMA WNMG-CFM WNMG-CMC WNMG-CMF WNMG-CMR



PCKN 75°

Boring bar with P clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T PCKN R/L 12	25	23	11,5	300	40	17	31	096836	096835	126.88
S32U PCKN R/L 12	32	30	15,0	350	50	22	39			164.23
S40V PCKN R/L 12	40	37	18,5	400	60	27	48			186.18
S50W PCKN R/L 16	50	47	23,5	450	65	35	61			226.90
S50W PCKN R/L 19	50	47	23,5	450	65	35	61			226.90

ACCESSOIRES						
S25T PCKN R/L 12	8212	1626	5025	-	-	-
S32U PCKN R/L 12	8312	1648	5003	3612	4112	0012
S40V PCKN R/L 12	8012	1608	5003	3612	4112	0012
S50W PCKN R/L 16	8016	1618	5003	3616	4115	0015
S50W PCKN R/L 19	8019	1610	5004	3619	4129	0019

REFERENCE PLAQUETTES	I	s	d
CN..1204..	12,90	4,76	12,70
CN..1606..	16,10	6,35	15,88
CN..1906..	19,30	6,35	19,05

Negative 80° rhombic inserts.

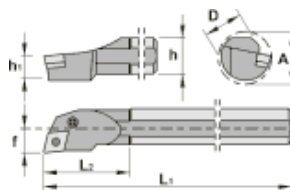


PCLN 95°

Boring bar with lever lock system

Available with:

-Internal coolant -> [A-PCLN](#)



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S16R PCLN R/L 09	16	15	7,5	200	26	11	20	096711	096712	116.98
S20S PCLN R/L 09	20	18	9,0	250	29	13	25	096718	096719	120.73
S25T PCLN R/L 09	25	23	11,5	300	33	17	32			126.88
S25T PCLN R/L 12	25	23	11,5	300	40	17	31	096706	096713	126.88
S32U PCLN R/L 12	32	30	15,0	350	50	22	39	096707	096714	164.23
S40V PCLN R/L 12	40	37	18,5	400	60	27	48	096708	096715	186.18
S50W PCLN R/L 12	50	47	23,5	450	65	35	61	096705		226.90
S50W PCLN R/L 16	50	47	23,5	450	65	35	61	096709	096716	226.90
S50W PCLN R/L 19	50	47	23,5	450	65	35	61	096710	096717	226.90

ACCESSOIRES						
S16R PCLN R/L 09	8005	1605	5002	-	-	-
S20S PCLN R/L 09	8005	1605	5002	-	-	-
S25T PCLN R/L 09	8009	1626	5025	3609	4109	0009
S25T PCLN R/L 12	8212	1626	5025	-	-	-
S32U PCLN R/L 12	8312	1648	5003	3612	4112	0012
S40V PCLN R/L 12	8012	1608	5003	3612	4112	0012
S50W PCLN R/L 12	8012	1608	5003	3612	4112	0012
S50W PCLN R/L 16	8016	1618	5003	3616	4115	0015
S50W PCLN R/L 19	8019	1610	5004	3619	4129	0019

REFERENCE PLAQUETTES	I	s	d
CN.. 0903..	9,65	3,18	9,52
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05

Negative 80° rhombic inserts.



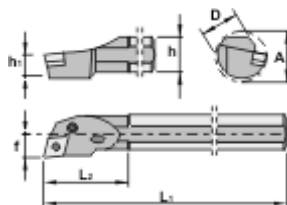
A-PCLN 95°

Boring bar with **lever lock system**

Boring bar with **internal coolant**

Available with:

-Steel shank -> [PCLN](#)



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A16M PCLN R/L 09	16	15	7,5	150	26	11	20	CN..0903..	0,200			135.85
A20Q PCLN R/L 09	20	18	9,0	180	29	13	25		0,400			145.73
A25R PCLN R/L 12	25	23	11,5	200	40	17	31	CN..1204..	0,700			150.55
A32S PCLN R/L 12	32	30	15,0	250	50	22	39		1,400			176.23
A40T PCLN R/L 12	40	37	18,5	300	60	27	48		2,650			199.78

ACCESSOIRES						
.. PCLN R/L 09	8005	1605	5002	-	-	-
A25R PCLN R/L 12	8212	1626	5025	-	-	-
A32S PCLN R/L 12	8312	1648	5003	3612	4112	0012
A40T PCLN R/L 12	8012	1608	5003	3612	4112	0012

REFERENCE PLAQUETTES	l	s	d
CN.. 0903..	9,65	3,18	9,52
CN.. 1204..	12,90	4,76	12,70

Negative 80° rhombic inserts.

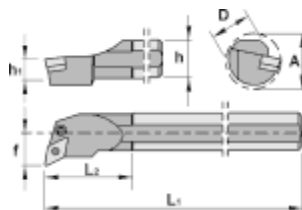


PDUN 93°

Boring bar with **lever lock system**

Available with:

-Internal coolant -> [A-PDUN](#)



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T PDUN R/L 11	25	23	11,5	300	35	17	32	096858	096857	126.88
S32U PDUN R/L 11	32	30	15,0	350	40	22	40		096730	164.23
S32U PDUN R/L 15	32	30	15,0	350	50	22	39	096722		164.23
S40V PDUN R/L 15	40	37	18,5	400	60	27	48	096720	096723	186.18
S50W PDUN R/L 15	50	47	23,5	450	65	35	61		096724	226.90

ACCESSOIRES								
.. PDUN R/L 11	8009	1606	5025	3711	4109	0009	-	-
S32U PDUN R/L 15	8415	1648	5003	3715	4112	0012	3725	4135
.. PDUN R/L 15	8415	1638	5003	3715	4112	0012	3725	4135

For inserts DNM.. 1504

REFERENCE PLAQUETTES	l	s	d
DN..1104	11,60	4,76	9,52
DN..1504 (Optional)	15,50	4,76	12,70
DN..1506	15,50	6,35	12,70

Negative 55° rhombic inserts.



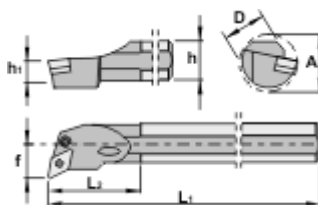
A-PDUN 93°

Boring bar with **lever lock system**

Boring bar with **internal coolant**

Available with:

-Steel shank -> **PDUN**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A25R PDUN R/L 11	25	23	11,5	200	40	17	31	DN..1104..	0,700			150.55
A32S PDUN R/L 15	32	30	15,0	250	50	22	39	DN..1506	1,400			176.23
A40T PDUN R/L 15	40	37	18,5	300	60	27	48		2,650			199.78

ACCESSOIRES								
A25R PDUN R/L 11	8009	1606	5025	3711	4109	0009	-	-
.. PDUN R/L 15	8415	1648	5003	3715	4112	0012	3725	4135
							For inserts DNM.. 1504	

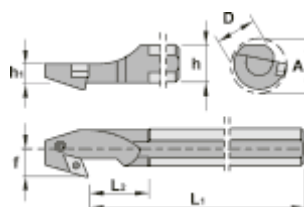
REFERENCE PLAQUETTES	I	s	d
DN..1104	11,60	4,76	9,52
DN..1504 (Optional)	15,50	4,76	12,70
DN..1506	15,50	6,35	12,70

Negative 55 ° rhombic inserts.

DNMG-CF	DNMG-CM	DNMG-CS	DNGP	DNMA	DNMG-CFC	DNMG-CFM	DNMG-CMC	DNMG-CMF	DNMG-CMR	DNMX

PDUN 93°-EX

Boring bar with **lever lock system**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S32U PDUN R/L 15-EX	32	30	15,0	350	50	22	39	096726		167.40
S40V PDUN R/L 15-EX	40	37	18,5	400	60	27	48	096727		189.80
S50W PDUN R/L 15-EX	50	47	23,5	450	65	35	61	096728		231.33

ACCESSOIRES								
S32U PDUN R/L 15-EX	8415	1648	5003	-	-	-	-	-
.. PDUN R/L 15-EX	8415	1638	5003	3715	4112	0012	3725	4135
							For inserts DNM.. 1504	

REFERENCE PLAQUETTES	I	s	d
DN..1104	11,60	4,76	9,52
DN..1504 (Optional)	15,50	4,76	12,70
DN..1506	15,50	6,35	12,70

Negative 55 ° rhombic inserts.

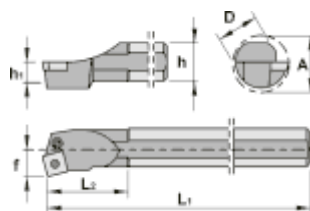
DNMG-CF	DNMG-CM	DNMG-CS	DNGP	DNMA	DNMG-CFC	DNMG-CFM	DNMG-CMC	DNMG-CMF	DNMG-CMR	DNMX

PSKN 75°

Boring bar with **P** clamping system

Available with:

-Internal coolant -> [A-PSKN](#)



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T PSKN R/L 12	25	23	11,5	300	40	17	31	096734	096880	126.88
S32U PSKN R/L 12	32	30	15,0	350	50	22	39	096735	096741	164.23
S40V PSKN R/L 12	40	37	18,5	400	60	27	48	096736		186.18
S50W PSKN R/L 19	50	47	23,5	450	65	35	61			226.90

ACCESSOIRES						
S25T PSKN R/L 12	8212	1626	5025	-	-	-
S32U PSKN R/L 12	8312	1648	5003	3512	4112	0012
S40V PSKN R/L 12	8012	1608	5003	3512	4112	0012
S50W PSKN R/L 19	8219	1710	5004	3519	4129	0019

REFERENCE PLAQUETTES	I	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1906..	19,05	6,35	19,05

Negative square inserts.

SNMG-CR

SNMA

SNMG-CFM

SNMG-CMR

SNMM



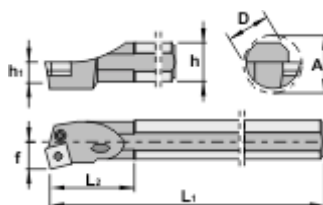
A-PSKN 75°

Boring bar with **lever lock** system

Boring bar with **internal coolant**

Available with:

-Steel shank -> [PSKN](#)



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A25R PSKN R/L 12	25	23	11,5	200	40	17	31	SNM..1204..	0,700			150.55
A32S PSKN R/L 12	32	30	15,0	250	50	22	39		1,400			176.23
A40T PSKN R/L 12	40	37	18,5	300	60	27	48		2,650			199.78

ACCESSOIRES						
A25R PSKN R/L 12	8212	1626	5025	-	-	-
A32S PSKN R/L 12	8312	1648	5003	3512	4112	0012
A40T PSKN R/L 12	8012	1608	5003	3512	4112	0012

REFERENCE PLAQUETTES	I	s	d
SNM.. 1204..	12,70	4,76	12,70

Negative square inserts.

SNMG-CR

SNMA

SNMG-CFM

SNMG-CMR

SNMM

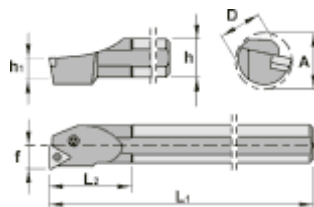


PTFN 90°

Boring bar with P clamping system

Available with:

-Internal coolant -> [A-PTFN](#)



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T PTFN R/L 16	25	23	11,5	300	40	17	31	096746	096751	126.88
S32U PTFN R/L 16	32	30	15,0	350	50	22	39	096747	096752	164.23
S40V PTFN R/L 22	40	37	18,5	400	60	27	48	096748		186.18
S50W PTFN R/L 22	50	47	23,5	450	65	35	61	096749	096754	226.90

ACCESSOIRES						
S25T PTFN R/L 16	8216	1605	5002	-	-	-
S32U PTFN R/L 16	8009	1606	5025	3416	4109	0009
..PTFN R/L 22	8012	1608	5003	3422	4112	0012

REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX
									

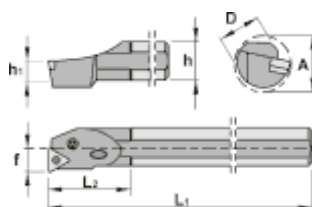
A-PTFN 90°

Boring bar with P clamping system

Boring bar with **internal coolant**

Available with:

-Steel shank -> [PTFN](#)



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A25R PTFN R/L 16	25	23	11,5	200	40	17	31	TNM..1604..	0,700			150.55
A32S PTFN R/L 16	32	30	15,0	250	50	22	39		1,400			176.23
A40T PTFN R/L 22	40	37	18,5	300	60	27	48	TNM..2204..	2,650			199.78

ACCESSOIRES						
A25R PTFN R/L 16	8216	1605	5002	-	-	-
A32S PTFN R/L 16	8009	1606	5025	3416	4109	0009
A40T PTFN R/L 22	8012	1608	5003	3422	4112	0012

REFERENCE PLAQUETTES	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

Negative triangular inserts.

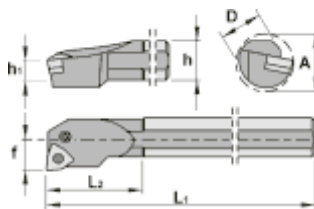
TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX
									

PWLN 95°

Boring bar with P clamping system

Available with:

-Internal coolant -> [A-PWLN](#)

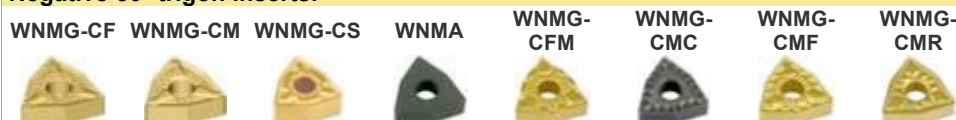


REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S16R PWLN R/L 06	16	14	7,5	200	24	11	20			116.98
S20S PWLN R/L 06	20	18	9,5	250	36	13	27	096755	096764	120.73
S25T PWLN R/L 06	25	23	11,5	300	40	17	31	096756	096765	126.88
S25T PWLN R/L 08	25	23	11,5	300	40	17	31	096757	096761	126.88
S32U PWLN R/L 08	32	30	15,0	350	50	22	39	096758	096762	164.23
S40V PWLN R/L 08	40	37	18,5	400	60	27	48	096759	096763	186.18

ACCESSOIRES						
..PWLN R/L 06	8216	1605	5002	-	-	-
S25T PWLN R/L 06	8009	1606	5025	3007	4109	0009
S25T PWLN R/L 08	8312	1648	5003	-	-	-
..PWLN R/L 08	8012	1608	5003	3008	4112	0012

REFERENCE PLAQUETTES	l	s	d
WNM.. 0604..	6,45	4,76	9,52
WNM.. 0804..	8,14	4,76	12,70

Negative 80° trigon inserts.



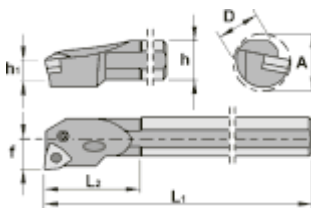
A-PWLN 95°

Boring bar with lever lock clamping system

Boring bar with internal coolant

Available with:

-Steel shank -> [PWLN](#)



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A16M PWLN R/L 06	16	14	7,5	150	24	11	20	WNM..0604..	0,200			135.85
A20Q PWLN R/L 06	20	18	9,5	180	36	13	27		0,400			145.73
A25R PWLN R/L 06	25	23	11,5	200	40	17	31		0,700			150.55
A32S PWLN R/L 06	32	30	15,0	250	50	22	39		1,400			176.23
A25R PWLN R/L 08	25	23	11,5	200	40	17	31	WNM..0804..	0,700			150.55
A32S PWLN R/L 08	32	30	15,0	250	50	22	39		1,400			176.23
A40T PWLN R/L 08	40	37	18,5	300	60	27	48		2,650			199.78

ACCESSOIRES						
A16M PWLN R/L 06	8216	1605	5002	-	-	-
A20Q PWLN R/L 06	8216	1605	5002	-	-	-
A25R PWLN R/L 06	8009	1606	5025	3007	4109	0009
A32S PWLN R/L 06	8009	1606	5025	3007	4109	0009
A25R PWLN R/L 08	8012	1608	5003	3008	4112	0012
A32S PWLN R/L 08	8012	1608	5003	3008	4112	0012
A40T PWLN R/L 08	8012	1608	5003	3008	4112	0012

REFERENCE PLAQUETTES	l	s	d
WNM.. 0604..	6,45	4,76	9,52
WNM.. 0804..	8,14	4,76	12,70

Negative 80° trigon inserts.



SCLC 95°

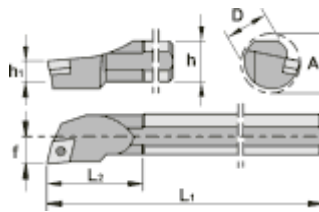
Boring bar with **center screw clamping system**

Available with:

-Internal coolant -> **A-SCLC**

-Anti-vibration shank -> **H-SCLC**

-Internal coolant and anti-vibration shank-> **J-SCLC**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S08K SCLC R/L 06	8	7	3,5	125	16	5	11	096775	096788	67.20
S10M SCLC R/L 06	10	9	4,5	150	25	7	13	096776	096789	67.20
S12M SCLC R/L 06	12	11	5,5	150	25	9	16	096777	096790	67.20
S12M SCLC R/L 09	12	11	5,5	150	25	9	16	096773	096772	67.20
S12Q SCLC R/L 09	12	11	5,5	180	25	9	16			67.20
S16R SCLC R/L 09	16	15	7,5	200	30	11	20	096778	096791	70.00
S20S SCLC R/L 09	20	18	9,0	250	35	13	24	096779	096792	88.20
S25T SCLC R/L 09	25	23	11,5	300	40	17	31	096780	096793	96.70
S20S SCLC R/L 12	20	18	9,0	250	35	13	24	096781	096794	88.20
S25T SCLC R/L 12	25	23	11,5	300	40	17	31	096782	096795	96.70
S32U SCLC R/L 12	32	30	15,0	350	50	22	39	096783	096796	126.80
S40V SCLC R/L 12	40	37	18,5	400	60	27	48	096784	096797	160.90
S50W SCLC R/L 12	50	47	23,5	450	65	35	61	096786		218.30

ACCESSOIRES				
..SCLC R/L 06		1425		5507
..SCLC R/L 09		1440		5515
..20/25..SCLC R/L 12		1250		5520
..SCLC R/L 12		1540		5517
				3614
				1760

REFERENCE PLAQUETTES	I	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL

CCGT-AP

CCMT-03

CCMW



A-SCLC 95°

Boring bar with **center screw clamping system**

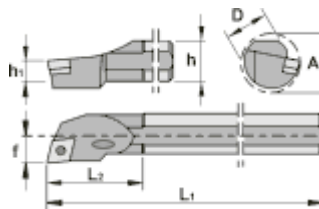
Boring bar with **internal coolant**

Available with:

-Steel shank -> **SCLC**

-Anti-vibration shank -> **H-SCLC**

-Internal coolant and anti-vibration shank -> **J-SCLC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A08F SCLC R/L 06	8	7	3,5	80	16	5	11	CC..0602..	0,030			73.35
A10H SCLC R/L 06	10	9	4,5	100	25	7	13		0,040			73.35
A12K SCLC R/L 06	12	11	5,5	125	25	9	16		0,100			73.35
A16M SCLC R/L 09	16	15	7,5	150	30	11	20	CC..09T3..	0,200			75.08
A20Q SCLC R/L 09	20	18	9,0	180	35	13	24		0,400			94.63
A25R SCLC R/L 09	25	23	11,5	200	40	17	31		0,700			103.75
A32S SCLC R/L 12	32	30	15,0	250	50	22	39	CC..1204..	1,400			133.50
A40T SCLC R/L 12	40	37	18,5	300	60	27	48		2,650			172.68

ACCESSOIRES				
..SCLC R/L 06		1425		5507
..SCLC R/L 09		1440		5515
..SCLC R/L 12		1540		5517
				3614
				1760

REFERENCE PLAQUETTES	I	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL

CCGT-AP

CCMT-03

CCMW



J-SCLC 95°

Boring bar with **center screw clamping system**

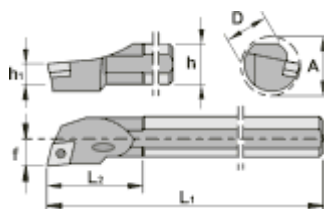
Boring bar with **internal coolant and anti-vibration shank**

Available with:

-Steel shank -> **SCLC**

-Internal coolant-> **A-SCLC**

-Anti-vibration shank -> **H-SCLC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
J08K SCLC R/L 06	8	7	3,5	125	16	5	11	CC..0602..	0,080			303.33
J10M SCLC R/L 06	10	9	4,5	150	25	7	13		0,150			381.45
J12M SCLC R/L 06	12	11	5,5	150	25	9	16		0,250			466.20
J16R SCLC R/L 09	16	15	7,5	200	30	11	20	CC..09T3..	0,600			603.63

ACCESSOIRES		
..SCLC R/L 06	1425	5507
..SCLC R/L 09	1440	5515

REFERENCE PLAQUETTES	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL

CCGT-AP

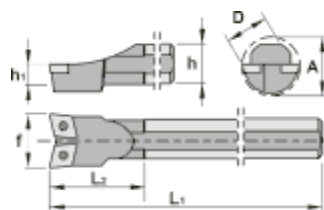
CCMT-03

CCMW



SCLCN 95°

Boring bar with **S clamping system**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S12M SCLC N 06	12	11	5,5	150	25	18	20		096766	95.78
S16R SCLC N 06	16	15	7,5	200	30	22	25		096767	102.98
S20S SCLC N 06	20	18	9,0	250	35	26	30		096768	139.53
S25T SCLC N 09	25	23	11,5	300	40	34	40		096769	183.80
S32U SCLC N 12	32	30	15,0	350	50	44	50		096770	229.60
S40V SCLC N 12	40	37	18,5	400	60	54	60		096771	258.20
S50W SCLC N 12	50	47	23,5	450	65	62	68			306.05

ACCESSOIRES				
S12M SCLC N 06	1425	5507	-	-
..SCLC N 06	1225	5507	-	-
..SCLC N 09	1440	5515	-	-
..SCLC N 12	1540	5517	3614	1760

REFERENCE PLAQUETTES	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL

CCGT-AP

CCMT-03

CCMW

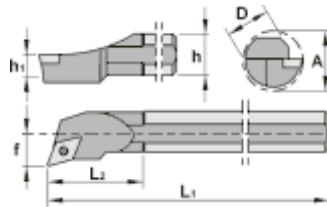


SDQC 107°30'

Boring bar with **center screw** clamping system

Available with:

-Internal coolant -> [A-SDQC](#)



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S10M SDQC R/L 07	10	9	4,5	150	25	7	13	096968	096960	67.20
S12M SDQC R/L 07	12	11	5,5	150	25	9	16	096969	096961	67.20
S16R SDQC R/L 07	13	15	7,5	200	30	11	20	096970	096962	70.00
S20S SDQC R/L 07	20	18	9,0	250	35	13	24	096971	096963	88.20
S20S SDQC R/L 11	20	18	9,0	250	35	13	24	096972		88.20
S25T SDQC R/L 11	25	23	11,5	300	40	17	31	096973	096965	96.70
S32U SDQC R/L 11	32	30	15,0	350	50	22	39	096974		126.80
S40V SDQC R/L 11	40	37	18,5	400	60	27	48	096975	096976	160.90

ACCESSOIRES				
S10M SDQC R/L 07	1425	5507	-	-
..SDQC R/L 07	1225	5507	-	-
S20/25..SDQC R/L 11	1240	5515	-	-
..SDQC R/L 11	1335	5516	3714	1750

REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

DCMT-03

DCMW



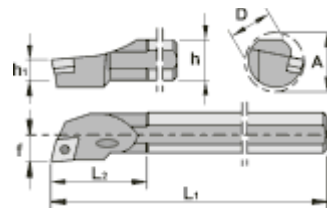
A-SDQC 107°30'

Boring bar with **center screw** clamping system

Boring bar with **internal coolant**

Available with:

-Steel shank -> [SDQC](#)



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A12K SDQC R/L 07	12	11	5,5	125	25	9	16	DC..0702..	0,100			73.35
A16M SDQC R/L 07	13	15	7,5	150	30	11	20		0,200			75.08
A20Q SDQC R/L 11	20	18	9,0	180	35	13	24	DC..11T3..	0,400			94.63
A25R SDQC R/L 11	25	23	11,5	200	40	17	31		0,700			103.75
A32S SDQC R/L 11	32	30	15,0	250	50	22	39		1,400			133.50
A40T SDQC R/L 11	40	37	18,5	300	60	27	48		2,650			172.68

ACCESSOIRES				
..SDQC R/L 07	1225	5507	-	-
A20/25.. SDQC R/L 11	1240	5515	-	-
..SDQC R/L 11	1335	5516	3714	1750

REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

DCMT-03

DCMW



SDUC 93°

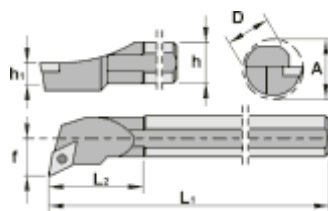
Boring bar with S clamping system

Available with:

-Internal coolant -> **A-SDUC**

-Anti-vibration shank -> **H-SDUC**

-Internal coolant and anti-vibration shank-> **J-SDUC**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S10M SDUC R/L 07	10	9	4,5	150	25	7	13	096819	096829	67.20
S12M SDUC R/L 07	12	11	5,5	150	25	9	16	096820	096830	67.20
S12Q SDUC R/L 07	12	11	5,5	180	25	9	16			67.20
S16R SDUC R/L 07	13	15	7,5	200	30	11	20	096821	096831	70.00
S20S SDUC R/L 07	20	18	9,0	250	35	13	24	096822	096832	88.20
S20S SDUC R/L 11	20	18	9,0	250	35	13	24	096823	096833	88.20
S25T SDUC R/L 11	25	23	11,5	300	40	17	31	096824	096834	96.70
S32U SDUC R/L 11	32	30	15,0	350	50	22	39	096825		126.80
S40V SDUC R/L 11	40	37	18,5	400	60	27	48			160.90

ACCESSOIRES				
S10M SDUC R/L 07	1425	5507	-	-
..SDUC R/L 07	1225	5507	-	-
S20/25..SDUC R/L 11	1240	5515	-	-
..SDUC R/L 11	1335	5516	3714	1750

REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

DCMT-03

DCMW



A-SDUC 93°

Boring bar with S clamping system

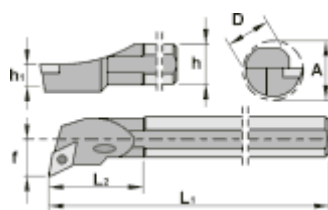
Boring bar with internal coolant

Available with:

-Steel shank -> **SDUC**

-Anti-vibration shank -> **H-SDUC**

-Internal coolant and anti-vibration shank-> **J-SDUC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A12K SDUC R/L 07	12	11	5,5	125	25	9	16	DC..0702..	0,100			73.35
A16M SDUC R/L 07	13	15	7,5	150	30	11	20		0,200			75.08
A20Q SDUC R/L 11	20	18	9,0	180	35	13	24		0,400			94.63
A25R SDUC R/L 11	25	23	11,5	200	40	17	31	DC..11T3..	0,700			103.75
A32S SDUC R/L 11	32	30	15,0	250	50	22	39		1,400			133.50
A40T SDUC R/L 11	40	37	18,5	300	60	27	48		2,650			172.68

ACCESSOIRES				
..SDUC R/L 07	1225	5507	-	-
A20/25..SDUC R/L 11	1240	5515	-	-
..SDUC R/L 11	1335	5516	3714	1750

REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

DCMT-03

DCMW



J-SDUC 93°

Boring bar with S clamping system

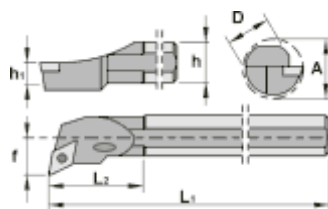
Boring bar with anti-vibration shank and internal coolant

Available with:

-Steel shank -> **SDUC**

-Internal coolant -> **A-SDUC**

-Anti-vibration shank-> **H-SDUC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
J10M SDUC R/L 07	10	9	4,5	150	25	7	13	DC..0702..	0,150			381.45
J12M SDUC R/L 07	12	11	5,5	150	25	9	16		0,250			466.20
J16R SDUC R/L 07	16	15	7,5	200	30	11	20		0,600			603.63

ACCESSOIRES		
J10M SDUC R/L 07	1425	5507
..SDUC R/L 11	1225	5507

REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

DCMT-03

DCMW

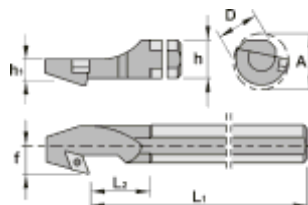


SDUC 93°-EX

Boring bar with center screw clamping system

Available with:

-Internal coolant -> **A-SDUC -EX**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S12M SDUC R/L 07-EX	12	11	5,5	150	25	9	16	096801	096810	68.50
S16R SDUC R/L 07-EX	16	15	7,5	200	30	11	20	096802	096811	71.33
S20S SDUC R/L 07-EX	20	18	9,0	250	35	13	24	096803	096812	87.50
S20S SDUC R/L 11-EX	20	18	9,0	250	35	13	24	096804	096813	87.50
S25T SDUC R/L 11-EX	25	23	11,5	300	40	17	31	096805	096814	98.18
S32U SDUC R/L 11-EX	32	30	15,0	350	50	22	39			129.40
S40V SDUC R/L 11-EX	40	37	18,5	400	60	27	48	096807		206.03

ACCESSOIRES				
..SDUC R/L 07-EX	1225	5507	-	-
S20S SDUC R/L 11-EX	1440	5515	-	-
S25T SDUC R/L 11-EX	1240	5515	-	-
..SDUC R/L 11-EX	1335	5516	3714	1750

REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

DCMT-03

DCMW



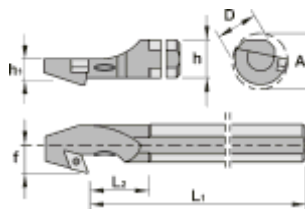
A-SDUC 93°-EX

Boring bar with center screw clamping system

Boring bar with internal coolant

Available with:

-Steel shank -> [SDUC-EX](#)



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A12K SDUC R/L 07-EX	12	11	5,5	125	25	9	16	DC..0702..	0,100			75.05
A16M SDUC R/L 07-EX	16	15	7,5	150	30	11	20		0,200			84.48
A20Q SDUC R/L 11-EX	20	18	9,0	180	35	13	24	DC..11T3..	0,400			96.50
A25R SDUC R/L 11-EX	25	23	11,5	200	40	17	31		0,700			105.33

ACCESSOIRES		
..SDUC R/L 07-EX	1225	5507
A20Q SDUC R/L 11-EX	1440	5515
A25R SDUC R/L 11-EX	1240	5515

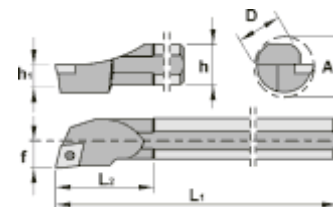
REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.



SELC 97°30'

Boring bar with center screw clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S08K SELC R/L 06	8	7	3,5	125	16	5	11	096839	096855	67.20
S10M SELC R/L 06	10	9	4,5	150	25	7	13			67.20
S12M SELC R/L 08	12	11	5,5	150	25	9	16		096841	67.20
S16R SELC R/L 08	16	15	7,5	200	30	11	20			70.00
S20S SELC R/L 08	20	18	9,0	250	35	13	24			88.20

ACCESSOIRES		
..SDELC R/L 06	1425	5507
S12/16..SELC R/L 08	1430	5508
..SELC R/L 08	1230	5508

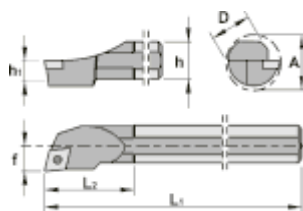
REFERENCE PLAQUETTES	l	s	d
ECMT 0602..	6,57	2,38	6,35
ECMT 0803..	8,20	3,18	7,93

Positive 7° clearance - 75° rhombic inserts.



SELP 97°30'

Boring bar with center screw clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S08K SELP R/L 04	8	7	3,5	125	16	5	11	096849		67.20
S10M SELP R/L 08	10	9	4,5	150	25	7	13		096866	67.20
S12M SELP R/L 08	12	11	5,5	150	25	9	16	096851		67.20
S16R SELP R/L 08	16	15	7,5	200	30	11	20			70.00

ACCESSOIRES		
S08K SELP R/L 04	1220	5506
..SELP R/L 08	1140	5515

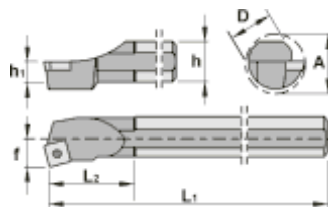
REFERENCE PLAQUETTES	l	s	d
EPM.. 0402..	4,92	2,38	4,76
EPM.. 0803..	8,28	3,00	8,00

Positive 11° clearance - 75° rhombic inserts.



SSKC 75°

Boring bar with S clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S16R-SSKC R/L 09	16	15	7,5	200	30	11	20	096871	096865	70.00
S20S-SSKC R/L 09	20	18	9,0	250	35	13	24			88.20
S25T-SSKC R/L 09	25	23	11,5	300	40	17	31		096868	96.70
S32U-SSKC R/L 12	32	30	15,0	350	50	22	39			126.80
S40V-SSKC R/L 12	40	37	18,5	400	60	27	48	096875		160.90
S50W-SSKC R/L 12	50	47	23,5	450	65	35	61			218.30

ACCESSOIRES				
S16R-SSKC R/L 09	1440	5515	-	-
..SSKC R/L 09	1240	5515	-	-
..SSKC R/L 12	1540	5517	3514	1760

REFERENCE PLAQUETTES	d	l	s
SC.. 09T3..	9,52	9,52	3,97
SC.. 1204..	12,70	12,70	4,76

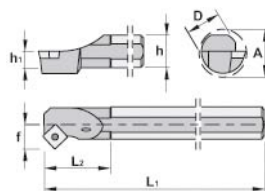
Positive 7° clearance - Square inserts.



A-SSSC 45°

Boring bar with **center screw** clamping system

Available with:

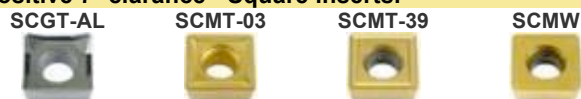


REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
A16M SSSC R/L 09	16	15	7,5	150	30	11	20			75.08
A20Q SSSC R/L 09	20	18	9,0	180	35	13	24			94.63
A25R SSSC R/L 09	25	23	11,5	200	40	17	31			103.75

ACCESSOIRES		
A16M SSSC R/L 09	1440	5515
A20Q SSSC R/L 09	1240	5515
A25R SSSC R/L 09	1540	5517

REFERENCE PLAQUETTES	d	l	s
SC.. 09T3..	9,52	9,52	3,97

Positive 7° clearance - Square inserts.



STFC 90°

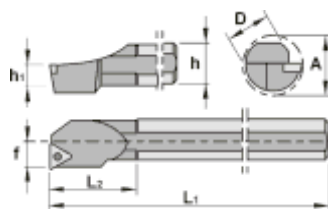
Boring bar with **center screw** clamping system

Available with:

-Internal coolant -> **A-STFC**

-Anti-vibration shank -> **H-STFC**

-Internal coolant and anti-vibration shank-> **J-STFC**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S10M STFC R/L 09	10	9	4,5	150	25	7	13	096887	096899	67.20
S12M STFC R/L 09	12	11	5,5	150	25	9	16	096888	096900	67.20
S12M STFC R/L 11	12	11	5,5	150	25	9	16	096889	096901	67.20
S12Q STFC R/L 11	12	11	5,5	180	25	9	16			67.20
S16R STFC R/L 11	16	15	7,5	200	30	11	20	096890	096902	70.00
S20S STFC R/L 11	20	18	9,0	250	35	13	24	096891		88.20
S25T STFC R/L 16	25	23	11,5	300	40	17	31	096898	096904	96.70
S32U STFC R/L 16	32	30	15,0	350	50	22	39	096893		126.80
S40V STFC R/L 16	40	37	18,5	400	60	27	48			160.90

ACCESSOIRES				
..STFC R/L 09	1222	5506	-	-
..STFC R/L 11	1225	5507	-	-
S25T STFC R/L 16	1240	5515	-	-
..STFC R/L 16	1335	5516	3414	1750

REFERENCE PLAQUETTES	l	s	d
TC.. 0902..	9,62	2,38	5,55
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.



A-STFC 90°

Boring bar with **center screw** clamping system

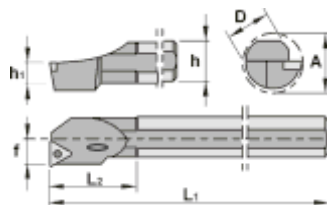
Boring bar with **internal coolant**

Available with:

-Steel shank -> **STFC**

-Anti-vibration shank -> **H-STFC**

-Internal coolant and anti-vibration shank-> **J-STFC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A10H STFC R/L 09	10	9	4,5	100	25	7	13	TC..0902..	0,040			73.35
A12K STFC R/L 11	12	11	5,5	125	25	9	16	TC..1102..	0,100			73.35
A16M STFC R/L 11	16	15	7,5	150	30	11	20		0,200			75.08
A20Q STFC R/L 11	20	18	9,0	180	35	13	24	TC..16T3..	0,400			94.63
A25R STFC R/L 16	25	23	11,5	200	40	17	31		0,700			103.75
A32S STFC R/L 16	32	30	15,0	250	50	22	39		1,400			133.50
A40T STFC R/L 16	40	37	18,5	300	60	27	48		2,650			172.68

ACCESSOIRES				
..STFC R/L 09	1222	5506	-	-
..STFC R/L 11	1225	5507	-	-
A25R STFC R/L 16	1240	5515	-	-
..STFC R/L 16	1335	5516	3414	1750

REFERENCE PLAQUETTES	l	s	d
TC.. 0902..	9,62	2,38	5,55
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL

TCMT-03

TCMW



J-STFC 90°

Boring bar with **center screw** clamping system

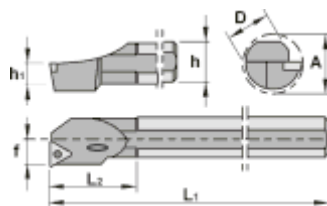
Boring bar with **internal coolant and anti-vibration shank**

Available with:

-Steel shank -> **STFC**

-Internal coolant-> **A-STFC**

-Anti-vibration shank-> **H-STFC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
J10M STFC R/L 09	10	9	4,5	150	25	7	13	TC..0902..	0,150			381.45
J12M STFC R/L 11	12	11	5,5	150	25	9	16	TC..1102..	0,250			466.20
J16R STFC R/L 11	16	15	7,5	200	30	11	20		0,600			603.63

ACCESSOIRES		
J10M STFC R/L 09	1222	5506
J12M STFC R/L 11	1225	5507
J16R STFC R/L 11	1240	5515

REFERENCE PLAQUETTES	l	s	d
TC.. 0902..	9,62	2,38	5,55
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL

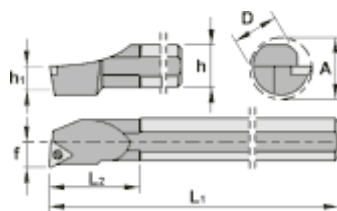
TCMT-03

TCMW



STUC 93°

Boring bar with **center screw** clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S12M STUC R/L 11	12	11	5,5	150	25	9	16	096920		67.20
S16R STUC R/L 16	16	15	7,5	200	30	11	20	096921	096930	70.00
S20S STUC R/L 16	20	18	9,0	250	35	13	24	096922	096931	88.20
S25T STUC R/L 16	25	23	11,5	300	40	17	31	096923		96.70
S32U STUC R/L 16	32	30	15,0	350	50	22	39	096924		126.80

ACCESSOIRES				
..STUC R/L 11	1225	5507	-	-
S20-S25..STUC R/L 16	1240	5515	-	-
..STUC R/L 16	1335	5516	3414	1750

REFERENCE PLAQUETTES	l	s	d
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL

TCMT-03

TCMW

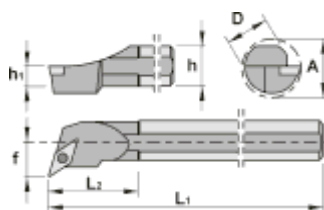


SVQC 107°30'

Boring bar with **center screw** clamping system

Available with:

-Internal coolant -> [A-SVQC](#)



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S16R SVQC R/L 11	16	15	7,5	200	30	11	20			70.00
S20S SVQC R/L 11	20	18	9,0	250	35	13	24			88.20
S16R SVQC R/L 13	16	15	7,5	200	30	11	20			70.00
S20S SVQC R/L 13	20	18	9,0	250	35	13	24	096978		88.20
S25T SVQC R/L 16	25	23	11,5	300	40	17	31			106.48

ACCESSOIRES				
..SVQC R/L 11	1225	5507	-	-
..SVQC R/L 13	1240	5515	-	-
..SVQC R/L 16	1335	5516	3718	1750

REFERENCE PLAQUETTES	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1303..	13,00	3,18	8,00
VC.. 1604..	16,50	4,76	9,52

Positive 7° clearance - 35° rhombic inserts

VCGT-AL

VCGT-AP

VCMT-03



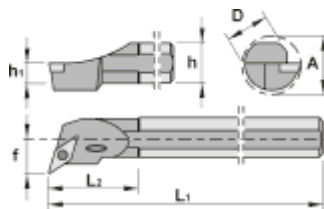
A-SVQC 107°30'

Boring bar with **center screw** clamping system

Boring bar with **internal coolant**

Available with:

-Steel shank -> [SVQC](#)



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A16M SVQC R/L 11	16	15	7,5	150	30	11	20	VC..1103..	0,200			75.08
A20Q SVQC R/L 11	20	18	9,0	180	35	13	24		0,400			94.63
A25R SVQC R/L 16	25	23	11,5	200	40	17	31	VC..1604..	0,700			103.75
A32S SVQC R/L 16	32	30	15,0	250	50	22	39		1,400			133.50
A40T SVQC R/L 16	40	37	18,5	300	60	27	48		2,650			172.68

ACCESSOIRES				
..SVQC R/L 11				
..SVQC R/L 16	1225	5507	-	-
	1335	5516	3718	1750

REFERENCE PLAQUETTES	I	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1303..	13,00	3,18	8,00
VC.. 1604..	16,50	4,76	9,52

Positive 7 ° clearance - 35° rhombic inserts

VCGT-AL

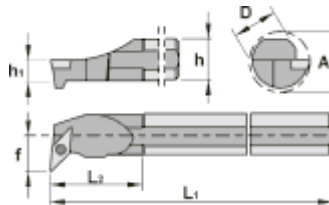
VCGT-AP

VCMT-03



SVUB 93°

Boring bar with **center screw** clamping system



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S25T SVUB R/L 16	25	23	11,5	300	40	17	31	096938	096882	106.48
S32U SVUB R/L 16	32	30	15,0	350	50	22	39			138.95
S40V SVUB R/L 16	40	37	18,5	400	60	27	48		096950	176.85

ACCESSOIRES				
..SVUB R/L 16				
	1335	5516	3718	1750

REFERENCE PLAQUETTES	I	s	d
VBMM 1604..	16,50	4,76	9,52

Positive 5° clearance - 35° rhombic inserts.

VBMM

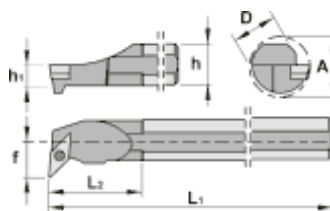


SVUC 93°

Boring bar with **center screw** clamping system

Available with:

-Internal coolant -> **A-SVUC**



REFERENCE	D	h	h1	L1	L2	f	A	Code R	Code L	Euro
S16R SVUC R/L 11	16	15	7,5	200	30	11	20			70.00
S20S SVUC R/L 11	20	18	9,0	200	35	13	24			88.20
S25T SVUC R/L 16	25	23	11,5	300	40	17	31	096947		106.48
S32U SVUC R/L 16	32	30	15,0	350	50	22	39	096948	096953	138.95
S40V SVUC R/L 16	40	37	18,5	400	60	27	48			176.85

ACCESSOIRES				
..SVUC R/L 11	1225	5507	-	-
..SVUC R/L 16	1335	5516	3718	1750

REFERENCE PLAQUETTES	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52

Positive 7 ° clearance - 35° rhombic inserts

VCGT-AL

VCGT-AP

VCMT-03



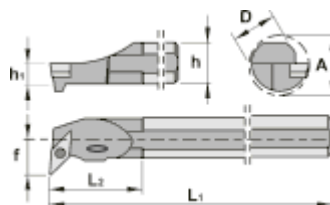
A-SVUC 93°

Boring bar with **center screw** clamping system

Boring bar with **internal coolant**

Available with:

-Steel shank -> **SVUC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
A16M SVUC R/L 11	16	15	7,5	150	30	11	20	VC..1103..	0,200			75.08
A20Q SVUC R/L 11	20	18	9,0	180	35	13	24		0,400			94.63
A25R SVUC R/L 16	25	23	11,5	200	40	17	31	VC..1604..	0,700			103.75
A32S SVUC R/L 16	32	30	15,0	250	50	22	39		1,400			133.50
A40T SVUC R/L 16	40	37	18,5	300	60	27	48		2,650			172.68

ACCESSOIRES				
..SVUC R/L 11	1225	5507	-	-
..SVUC R/L 16	1335	5516	3718	1750

REFERENCE PLAQUETTES	l	s	d
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52

Positive 7 ° clearance - 35° rhombic inserts

VCGT-AL

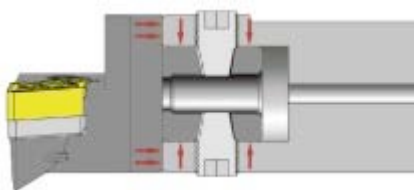
VCGT-AP

VCMT-03



JX

Antivibratory shank with internal coolant

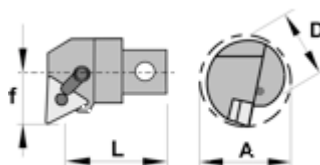


REFERENCE	D	L	H	Kg	Code	Euro
J20X	20	225	19	1,100		1568,65
J25X	25	270	24	2,100		1728,18
J32X	32	320	31	4,150		1994,05
J40X	40	370	38	3,650		1247,50
J50X	50	510	48	8,150		1368,75
J60X	60	610	58	13,850		1455,38

MTUN 93°

Boring bar with wedge clamp system

Boring bar with internal coolant and anti-vibration shank



REFERENCE	D	L	f	A	Code R	Code L	Euro
A32X MTUN R/L 16	32	30	22	40			273.80
A40X MTUN R/L 16	40	30	27	50			291.38
A50X MTUN R/L 16	50	30	35	63			305.90
A50X MTUN R/L 22	50	40	35	63			305.90
A60X MTUN R/L 22	60	40	43	80			351.80

ACCESSOIRES						
A.. MTUN R/L 16	2613	5003	3416	1086	1665	5002
A.. MTUN R/L 22	2613	5003	ITSN-433	1086	1666	5025

REFERENCE PLAQUETTES	I	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

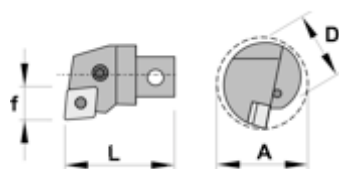
Negative triangular inserts.

TNMG-CF	TNMG-CM	TNMG-CS	TNMA	TNMG-CFC	TNMG-CFM	TNMG-CMC	TNMG-CMF	TNMG-CMR	TNMX
									

PCLN 95 °

Boring bar with lever lock system

Boring bar with internal coolant and anti-vibration shank



REFERENCE	D	L	f	A	Code R	Code L	Euro
A25X PCLN R/L 12	25	25	17	32			260.10
A32X PCLN R/L 12	32	30	22	40			273.80
A40X PCLN R/L 12	40	30	27	50			291.38
A50X PCLN R/L 12	50	30	35	63			305.90
A50X PCLN R/L 16	50	40	35	63			305.90
A60X PCLN R/L 16	60	40	43	80			351.80

ACCESSOIRES						
A25X PCLN R/L 12	8112	1626	5025	-	-	-
A32X PCLN R/L 12	8312	1648	5003	3612	4112	0012
A.. PCLN R/L 12	8012	1608	5003	3612	4112	0012
A.. PCLN R/L 16	8016	1618	5003	3616	4115	0015

REFERENCE PLAQUETTES	I	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88

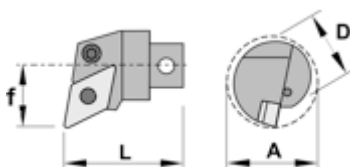
Negative 80° rhombic inserts.



PDUN 93°

Boring bar with lever lock system

Boring bar with internal coolant and anti-vibration shank



REFERENCE	D	L	f	A	Code R	Code L	Euro
A32X PDUN R/L 15	32	30	22	40			273.80
A40X PDUN R/L 15	40	30	27	50			291.38
A50X PDUN R/L 15	50	40	35	63			305.90
A60X PDUN R/L 15	60	40	43	80			351.80

ACCESSOIRES							
A32X PDUN R/L 15	8415	1648	5003	3715	4112	0012	3725
A.. PDUN R/L 15	8415	1638	5003	3715	4112	0012	3725
							For inserts DNM.. 1504

REFERENCE PLAQUETTES	I	s	d
DN..1504 (Optional)	11,60	4,76	9,52
DN..1506	15,50	6,35	12,70

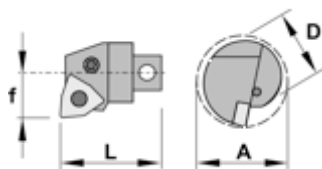
Negative 55° rhombic inserts.



PWLN 95°

Boring bar with lever lock system

Boring bar with internal coolant and anti-vibration shank

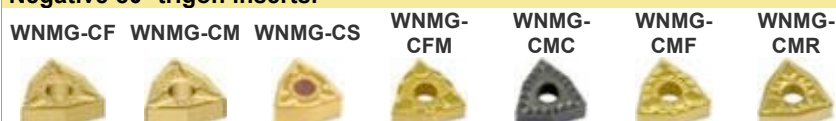


REFERENCE	D	L	f	A	Code R	Code L	Euro
A32X PWLN R/L 08	32	30	22	40			273.80
A40X PWLN R/L 08	40	30	27	50			291.38
A50X PWLN R/L 08	50	40	35	63			305.90
A60X PWLN R/L 08	60	40	43	80			351.80

ACCESSOIRES						
A32X PWLN R/L 08	8312	1648	5003	3008	4112	0012
A40/50X PWLN R/L 08	8012	1608	5003	3008	4112	0012
A60X PWLN R/L 08	8016	1618	5003	3008	4112	0015

REFERENCE PLAQUETTES	l	s	d
WNMG 0804..	8,14	4,76	12,70

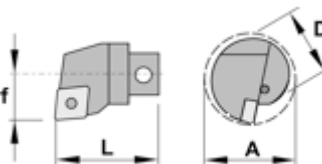
Negative 80° trigon inserts.



SCLC 95°

Boring bar with center screw system

Boring bar with internal coolant and anti-vibration shank



REFERENCE	D	L	f	A	Code R	Code L	Euro
A20X SCLC R/L 09	20	25	13	25			247.80
A25X SCLC R/L 09	25	25	17	32			260.10
A32X SCLC R/L 12	32	30	22	40			273.80
A40X SCLC R/L 12	40	30	27	50			291.38
A50X SCLC R/L 12	50	40	35	63			305.90
A60X SCLC R/L 12	60	40	43	80			351.80

ACCESSOIRES				
A.. SCLC R/L 09	1440	5515	-	-
A.. SCLC R/L 12	1540	5517	3614	1760

REFERENCE PLAQUETTES	l	s	d
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.



H-SCLC 95°

Boring bar with **center screw** clamping system

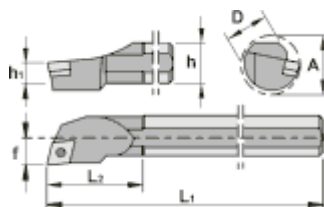
Boring bar with **anti-vibration shank**

Available with:

-Steel shank -> **SCLC**

-Internal coolant-> **A-SCLC**

-Internal coolant and anti-vibration shank -> **J-SCLC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
H08K SCLC R/L 06	8	7	3,5	125	16	5	11	CC..0602..	0,100			263.78
H10M SCLC R/L 06	10	9	4,5	150	25	7	13		0,200			331.73
H12M SCLC R/L 06	12	11	5,5	150	25	9	16		0,300			405.48
H16R SCLC R/L 09	16	15	7,5	200	30	11	20	CC..09T3..	0,650			524.90

ACCESSOIRES		
..SCLC R/L 06		
..SCLC R/L 09	1425	5507
	1440	5515

REFERENCE PLAQUETTES	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70

Positive 7° clearance - 80° rhombic inserts.

CCGT-AL

CCGT-AP

CCMT-03

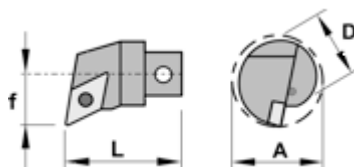
CCMW



SDUC 93°

Boring bar with **center screw** system

Boring bar with **internal coolant and anti-vibration shank**



REFERENCE	D	L	f	A	Code R	Code L	Euro
A20X SDUC R/L 11	20	25	13	25			247.80
A25X SDUC R/L 11	25	25	17	32			260.10
A32X SDUC R/L 11	32	30	22	40			273.80
A40X SDUC R/L 11	40	30	27	50			291.38
A50X SDUC R/L 11	50	40	35	63			305.90
A60X SDUC R/L 11	60	40	43	80			351.80

ACCESSOIRES				
A20/25X SDUC R/L 11				
A.. SDUC R/L 11	1240	5515	-	-
	1335	5516	3714	1750

REFERENCE PLAQUETTES	l	s	d
DC.. 11T3..	11,60	3,97	9,52

Positive 7° clearance - 55° rhombic inserts.

DCGT-AL

DCGT-AP

DCMT-03

DCMW



H-SDUC 93°

Boring bar with S clamping system

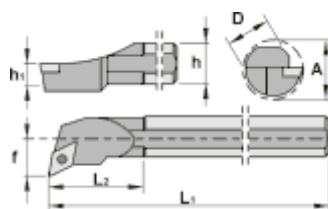
Boring bar with anti-vibration shank

Available with:

-Steel shank -> [SDUC](#)

-Internal coolant -> [A-SDUC](#)

-Internal coolant and anti-vibration shank-> [J-SDUC](#)



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
H10M SDUC R/L 07	10	9	4,5	150	25	7	13	DC..0702..	0,200			331.73
H12M SDUC R/L 07	12	11	5,5	150	25	9	16		0,300			405.48
H16R SDUC R/L 07	16	15	7,5	200	30	11	20		0,650			524.90

ACCESSOIRES		
H10M SDUC R/L 07	1425	5507
..SDUC R/L 11	1225	5507

REFERENCE PLAQUETTES	I	s	d
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52

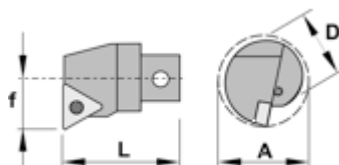
Positive 7° clearance - 55° rhombic inserts.

DCGT-AL	DCGT-AP	DCMT-03	DCMW

STFC 90°

Boring bar with center screw system

Boring bar with internal coolant and anti-vibration shank



REFERENCE	D	L	f	A	Code R	Code L	Euro
A20X STFC R/L 16	20	25	13	25			247.80
A25X STFC R/L 16	25	25	17	32			260.10
A32X STFC R/L 16	32	30	22	40			273.80
A40X STFC R/L 16	40	30	27	50			291.38
A50X STFC R/L 16	50	40	35	63			305.90
A60X STFC R/L 16	60	40	43	80			351.80

ACCESSOIRES				
A20/25X STFC R/L 16	1240	5515	-	-
A.. STFC R/L 16	1335	5516	3414	1750

REFERENCE PLAQUETTES	I	s	d
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL	TCMT-03	TCMW

H-STFC 90°

Boring bar with **center screw** clamping system

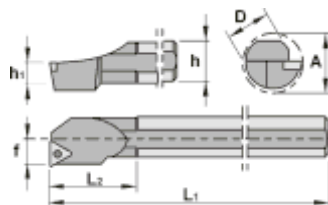
Boring bar with **anti-vibration shank**

Available with:

-Steel shank -> **STFC**

-Internal coolant-> **A-STFC**

-Internal coolant and anti-vibration shank-> **J-STFC**



REFERENCE	D	h	h1	L1	L2	f	A	Insert Size	Kg	Code R	Code L	Euro
H10M STFC R/L 09	10	9	4,5	150	25	7	13	TC..0902..	0,200			331.73
H12M STFC R/L 11	12	11	5,5	150	25	9	16	TC..1102..	0,300			405.48
H16R STFC R/L 11	16	15	7,5	200	30	11	20		0,650			524.90

ACCESSOIRES		
H10M STFC R/L 09	1222	5506
H12M STFC R/L 11	1225	5507
H16R STFC R/L 11	1240	5515

REFERENCE PLAQUETTES	l	s	d
TC.. 0902..	9,62	2,38	5,55
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52

Positive 7° clearance - Triangular inserts.

TCGT-AL

TCMT-03

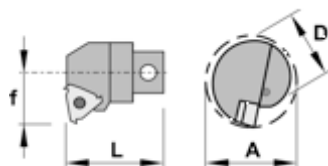
TCMW



SXFN 90°

Boring bar with **center screw** system

Boring bar with **internal coolant and anti-vibration shank**



REFERENCE	D	L	f	A	Code R	Code L	Euro
A20X SXFN R/L 16	20	20	13	25			247.80
A25X SXFN R/L 16	25	20	17	32			260.10
A32X SXFN R/L 16	32	32	22	40			273.80
A25X SXFN R/L 22	25	25	17	32			260.10
A32X SXFN R/L 22	32	32	22	40			273.80
A40X SXFN R/L 22	40	32	27	50			291.38
A50X SXFN R/L 22	50	40	35	63			305.90
A60X SXFN R/L 22	60	40	43	80			351.80

ACCESSOIRES					
A.. SXFN R/L 16	SA3	5510	YE3	YI3	SY3
A25X SXFN R/L 22	SA4	5520	-	-	-
A.. SXFN R/L 22	SA4	5520	YE4	YI4	SY4

REFERENCE PLAQUETTES	l	s	d
16 NR/L..	16,50	3,18	9,52
22 NR/L..	22,00	4,76	12,70

Positive 7° clearance - Triangular inserts.

NR/L-60°/55°

NR-60°/55° TD

NR/L-ISO

NR-ISO TD

NR-UN

NR/L-W

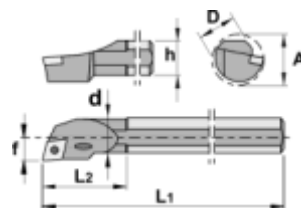
NR-W TD



SET SCLC 95°

Boring bar with **center screw clamping system**

Boring bar with **internal coolant**



	D	d	L1	L2	f	A	h	Code R	Code L	Euro
A0608H SCLC R/L 06	8	6	100	25	4	10	7		096301	237.38
A0810J SCLC R/L 06	10	8	110	32	6	12	9			
A1012K SCLC R/L 06	12	10	125	38	7	14	11			
A1216M SCLC R/L 06	16	12	150	50	9	18	15			

ACCESSOIRES		
A0608H..A0810J SCLC R/L 06	1425	5507
..SCLC R/L 06	1225	5507

REFERENCE PLAQUETTES	l	s	d
CC.. 0602..	6,45	2,38	6,35

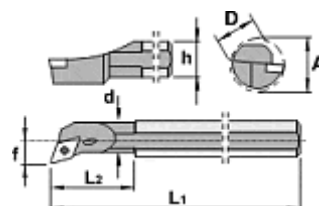
Positive 7° clearance - 80° rhombic inserts.



SET SDQC 107°30'

Boring bar with **center screw clamping system**

Boring bar with **internal coolant**



REFERENCE	D	d	L1	L2	f	A	h	Code R	Code L	Euro
A0810J SDQC R/L 07	10	8	110	32	7	12,5	9	096404	096303	177.98
A1012K SDQC R/L 07	12	10	125	38	9	15,5	11			
A1216M SDQC R/L 07	16	12	150	50	11	19,5	15			

ACCESSOIRES		
A0810J SDQC R/L 07	1425	5507
A1012K SDQC R/L 07	1225	5507
A1216M SDQC R/L 07	1225	5507

REFERENCE PLAQUETTES	l	s	d
DC.. 0702..	7,75	2,38	6,35

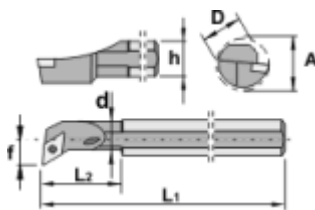
Positive 7° clearance - 55° rhombic inserts.



SET SDUC 93°

Boring bar with **center screw clamping** system

Boring bar with **internal coolant**



REFERENCE	D	d	L1	L2	f	A	h	Code R	Code L	Euro
A0810J SDUC R/L 07	10	8	110	32	7	12,5	9	096306	096305	177.98
A1012K SDUC R/L 07	12	10	125	38	9	15,5	11			
A1216M SDUC R/L 07	16	12	150	50	11	19,5	15			

ACCESSOIRES		
A0810J SDUC R/L 07	1425	5507
A1012K SDUC R/L 07	1225	5507
A1216M SDUC R/L 07	1225	5507

REFERENCE PLAQUETTES	I	s	d
DC.. 0702..	7,75	2,38	6,35

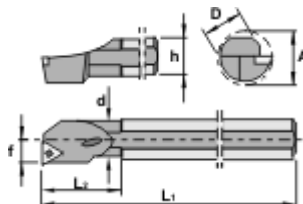
Positive 7° clearance - 55° rhombic inserts.



SET STFC 90°

Boring bar with **center screw clamping** system

Boring bar with **internal coolant**



REFERENCE	D	d	L1	L2	f	A	h	Code R	Code L	Euro
A0810J STFC R/L 11	10	8	110	32	7	12,5	9			177.98
A1012K STFC R/L 11	12	10	125	38	9	15,5	11			
A1216M STFC R/L 11	16	12	150	50	11	19,5	15			

ACCESSOIRES		
A0810J STFC R/L 11	1425	5507
A1012K STFC R/L 11	1225	5507
A1216M STFC R/L 11	1225	5507

REFERENCE PLAQUETTES	I	s	d
TC.. 1102..	11,00	2,38	6,35

Positive 7° clearance - Triangular inserts.

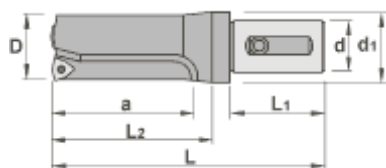


Forets

40..

Drill

Max. hole depth = 2xDiameter (D)



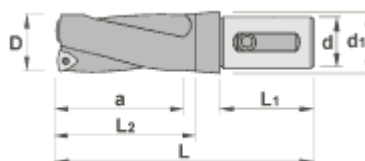
REFERENCE	D	L	L1	L2	a	d	d1	Radial Adj.			Insert Size	Code	Euro
4014.61.017,5	17,5	103	50	39	35	20	32	+1,00 - 19,5	1622	5507	WCM..0302..		179,10
4014.61.018	18			40	36			+0,90 - 19,8					179,10
4014.61.018,5	18,5			41	37			+0,85 - 20,2					179,10
4014.61.019	19			42	38			+0,80 - 20,6					179,10
4014.61.020	20			44	40			+0,75 - 21,5					179,10
4024.62.022	22	123	55	48	44	25	40	+1,25 - 24,5	1225	5508	WCM..0402..		191,40
4024.62.024	24			52	48			+0,75 - 25,5					191,40
4024.62.025	25			54	50			+0,50 - 26,0					191,40
4034.62.026	26	133	55	56	52	25	40	+2,50 - 31,0	1630	5509	WCM..0503..		221,20
4034.62.027	27			58	54			+2,20 - 31,4					221,20
4034.62.028	28			60	56			+2,10 - 32,2					221,20
4034.62.029	29			62	58			+1,80 - 32,6					221,20
4034.62.030	30			64	60			+1,80 - 33,0					221,20
4044.63.031	31	153	60	66	62	32	50	+3,50 - 38,0	1635	5510	WCM..06T3..		244,95
4044.63.032	32			68	64			+3,20 - 38,4					244,95
4044.63.034	34			73	68			+2,80 - 39,6					244,95
4044.63.035	35	163	65	75	70	32	50	+2,50 - 40,0	1635	5510	WCM..06T3..		244,95
4044.63.038	38			80	76			+1,80 - 41,0					298,58
4044.63.039	39			82	78			+1,50 - 41,6					298,58
4044.63.040	40			84	80			+1,20 - 42,0					298,58
4054.64.042	42	193	65	89	84	40	60	+4,20 - 5,10	1640	5515	WCM..0804..		315,23
4054.64.043	43			91	86			+4,00 - 5,14					315,23
4054.64.045	45			95	90			+3,60 - 5,22					315,23
4054.64.048	48			101	96			+2,70 - 5,34					315,23
4054.64.049	49	213	65	103	98	40	60	+2,50 - 5,40	1640	5515	WCM..0804..		353,88
4054.64.050	50			105	100			+2,20 - 5,44					353,88
4054.64.052	52			110	104			+1,80 - 5,56					353,88
4054.64.054	54			114	108			+1,20 - 5,64					353,88
4054.64.055	55			116	110			+0,80 - 5,66					353,88

REFERENCE PLAQUETTES	I	s	d
WCM.. 0302..	3,46	2,38	5,56
WCM.. 0402..	3,99	2,38	6,35
WCM.. 0503..	5,07	3,18	7,94
WCM.. 06T3..	6,14	3,97	9,52
WCM.. 0804..	8,14	4,76	12,70
Positive 7° clearance - Trigon inserts			
WCMT	WCMX		
			

41..

Drill

Max. hole depth = 2xDiameter (D)



REFERENCE	D	L	L1	L2	a	d	d1	Radial Adj.			Insert Size	Code	Euro
4114.62.017,5	17,5	103	50	39	35	25		+1,00 - 19,5	1622	5507	WCM..0302..		181,18
4114.62.018	18			40	36			+0,90 - 19,8					181,18
4114.62.018,5	18,5			41	37			+0,85 - 20,2					181,18
4114.62.019	19			42	38			+0,80 - 20,6					181,18
4114.62.020	20			44	40			+0,75 - 21,5					181,18
4124.62.022	22	123		48	44	40		+1,25 - 24,5	1225	5507	WCM..0402..		193,78
4124.62.024	24			52	48			+0,75 - 25,5					193,78
4124.62.025	25			54	50			+0,50 - 26,0					193,78
4134.63.026	26	138	55	56	52	32		+2,50 - 31,0	1630	5509	WCM..0503..		231,80
4134.63.027	27			58	54			+2,20 - 31,4					231,80
4134.63.028	28			60	56			+2,10 - 32,2					231,80
4134.63.029	29			62	58			+1,80 - 32,6					231,80
4134.63.030	30			64	60			+1,80 - 33,0					231,80
4144.64.031	31	158	60	66	62	40	50	+3,50 - 38,0	1635	5510	WCM..06T3..		258,40
4144.64.032	32			68	64			+3,20 - 38,4					258,40
4144.64.034	34			73	68			+2,80 - 39,6					258,40
4144.64.035	35	168		75	70	40	50	+2,50 - 40,0					258,40
4144.64.038	38			80	76			+1,80 - 41,0					311,58
4144.64.039	39			82	78			+1,50 - 41,6					311,58
4144.64.040	40			84	80			+1,20 - 42,0					311,58
4154.64.042	42	193		89	84	40	60	+4,20 - 5,10					334,35
4154.64.043	43			91	86			+4,00 - 5,14					334,35
4154.64.045	45			95	90			+3,60 - 5,22					334,35
4154.64.048	48			101	96			+2,70 - 5,34					334,35
4154.64.049	49	213	65	103	98	40	60	+2,50 - 5,40	1640	5515	WCM..0804..		361,00
4154.64.050	50			105	100			+2,20 - 5,44					361,00
4154.64.052	52			110	104			+1,80 - 5,56					361,00
4154.64.054	54			114	108			+1,20 - 5,64					361,00
4154.64.055	55			116	110			+0,80 - 5,66					361,00

REFERENCE PLAQUETTES	I	s	d
WCM.. 0302..	3,46	2,38	5,56
WCM.. 0402..	3,99	2,38	6,35
WCM.. 0503..	5,07	3,18	7,94
WCM.. 06T3..	6,14	3,97	9,52
WCM.. 0804..	8,14	4,76	12,70

Positive 7° clearance - Trigon inserts

WCMT



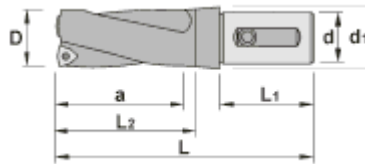
WCMX



42..

Drill

Max. hole depth = 3xDiameter (D)



REFERENCE	D	L	L1	L2	a	d	d1	Radial Adj.			Insert Size	Code	Euro
4214.62.017,5	17,5	122	55	56	53	25	40	+1,00 - 19,5	1622	5507	WCM..0302..		222,85
4214.62.018	18	123		57	54			+0,90 - 19,8					222,85
4214.62.018,5	18,5	125		59	56			+0,85 - 20,2					222,85
4214.62.019	19	126		60	57			+0,80 - 20,6					222,85
4214.62.020	20	131		64	60			+0,75 - 21,5					222,85
4224.62.022	22	142	60	69	66	32	50	+1,25 - 24,5	1225	5507	WCM..0402..		222,85
4224.62.024	24	150		76	72			+0,75 - 25,5					222,85
4224.62.025	25	154		79	75			+0,50 - 26,0					222,85
4234.63.026	26	157	60	81	78	32	50	+2,50 - 31,0	1630	5509	WCM..0503..		266,53
4234.63.027	27	160		84	81			+2,20 - 31,4					266,53
4234.63.028	28	164		87	84			+2,10 - 32,2					266,53
4234.63.029	29	167		90	87			+1,80 - 32,6					266,53
4234.63.030	30	172		94	90			+1,80 - 33,0					266,53
4244.64.031	31	181	65	97	93	40	60	+3,50 - 38,0	1635	5510	WCM..06T3..		297,15
4244.64.032	32	184		100	96			+3,20 - 38,4					297,15
4244.64.034	34	191		106	102			+2,80 - 39,6					297,15
4244.64.035	35	195		109	105			+2,50 - 40,0					297,15
4244.64.038	38	206		118	114			+1,80 - 41,0					336,78
4244.64.039	39	209	65	121	117	40	60	+1,50 - 41,6	1640	5515	WCM..0804..		336,78
4244.64.040	40	213		124	120			+1,20 - 42,0					336,78
4254.64.042	42	225		130	126			+4,20 - 5,10					342,53
4254.64.043	43	229		133	129			+4,00 - 5,14					342,53
4254.64.045	45	237		140	135			+3,60 - 5,22					342,53
4254.64.048	48	248	65	149	144	40	60	+2,70 - 5,34	1640	5515	WCM..0804..		342,53
4254.64.049	49	251		152	147			+2,50 - 5,40					379,30
4254.64.050	50	255		155	150			+2,20 - 5,44					379,30
4254.64.052	52	262		161	156			+1,80 - 5,56					379,30
4254.64.054	54	269		167	162			+1,20 - 5,64					379,30
4254.64.055	55	274		171	165			+0,80 - 5,66					379,30

REFERENCE PLAQUETTES	I	s	d
WCM.. 0302..	3,46	2,38	5,56
WCM.. 0402..	3,99	2,38	6,35
WCM.. 0503..	5,07	3,18	7,94
WCM.. 06T3..	6,14	3,97	9,52
WCM.. 0804..	8,14	4,76	12,70

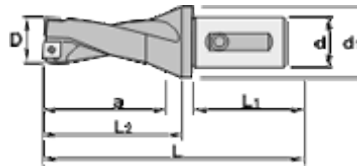
Positive 7° clearance - Trigon inserts



45..

Drill

Max. hole depth = 3xDiameter (D)



REFERENCE	D	L	L1	L2	a	d	d1			Insert Size	Code	Euro
4514.62.015	15	122	55	56	53	25	40	1225	5507	SPMT 0603..		222,85
4514.62.016	16	121		56	53							222,85
4514.62.017	17	127		54	51							222,85
4514.62.017,5	17,5	127		56	53							222,85
4514.62.018	18	123		57	54							222,85
4514.62.018,5	18,5	125		59	56							222,85
4524.62.019	19	126		60	57							222,85
4524.62.020	20	131		64	60							222,85
4524.62.022	22	142	55	69	66	32	50	1230	5508	SPMT 0703..		222,85
4534.63.024	24	150		76	72							222,85
4534.63.025	25	154		79	75							222,85
4534.63.026	26	157		81	78			1640	5515	SPMT 0903..		266,53
4534.63.027	27	160		84	81							266,53
4534.63.028	28	164		87	84							266,53
4544.64.029	29	167		90	87							266,53
4544.64.030	30	172		94	90							266,53
4544.64.031	31	181	60	97	93	40	60	1550	5520	SPMT 1204..		297,15
4544.64.032	32	184		100	96							297,15
4544.64.034	34	191		106	102							297,15
4544.64.035	35	195		109	105							297,15
4544.64.038	38	206	118	114				336,78				
4554.64.039	39	209	121	117				336,78				
4554.64.040	40	213	124	120				336,78				
4554.64.042	42	225	65	130	126				342,53			
4554.64.043	43	229		133	129				342,53			
4554.64.045	45	237		140	135				342,53			

REFERENCE PLAQUETTES	l	s	d
SPMT 060304	6,35	3,18	6,35
SPMT 070308	7,94	3,18	7,94
SPMT 090308	9,52	3,18	9,52
SPMT 120408	12,70	4,76	12,70

Positive 11 ° clearance - Square inserts

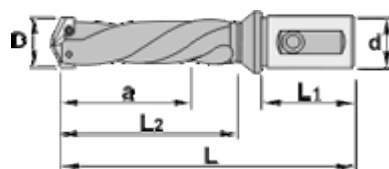
SPMT



48..

Drill

Max. hole depth = 3xDiameter (D)



REFERENCE	D	L	L1	L2	a	d	Insert size	Code	Euro
4814.61.009,5	9,50 ~ 11,0	120	42	50	35	20	XPMT 095 ~ XPMT 110		260,08
4824.61.011,5	11,5 ~ 12,7	125	42	55	40	20	XPMT 115 ~ XPMT 127		260,08
4834.61.013	13,0 ~ 17,5	140	42	65	53	20	XPMT 130 ~ XPMT 175		286,00
4834.61.015	15,5 ~ 17,5	140	42	75	53	20	XPMT 150 ~ XPMT 175		286,00

ACCESSOIRES		
4814.61.009,5		
4824.61.011,5	1222	5506
4834.61.013	1225	5507
4834.61.015	1225	5507

REFERENCE PLAQUETTES	s
XPMT 095 ~ XPMT 110	2,4
XPMT 115 ~ XPMT 127	2,4
XPMT 130 ~ XPMT 175	3,2
XPMT 150 ~ XPMT 175	3,2

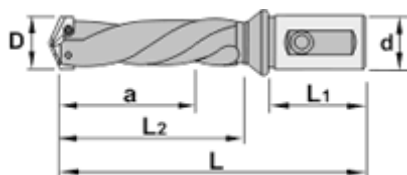
XPMT



49..

Drill

Long Series



REFERENCE	D	L	L1	L2	a	d	Insert size	Code	Euro
4914.61.009,5	9,50 ~ 11,0	131,6	42	65	57	20	XPMT 095 ~ XPMT 110		351,10
4924.61.011,5	11,5 ~ 12,7	131,6	42	75	69	20	XPMT 115 ~ XPMT 127		351,10
4934.61.013	13,0 ~ 17,5	185,0	42	135	122	20	XPMT 130 ~ XPMT 175		386,10
4934.61.015	15,5 ~ 17,5	185,0	42	135	122	20	XPMT 150 ~ XPMT 175		386,10

ACCESSOIRES		
4914.61.009,5		
4924.61.011,5	1222	5506
4934.61.013	1225	5507
4934.61.015	1225	5507

REFERENCE PLAQUETTES	s
XPMT 095 ~ XPMT 110	2,4
XPMT 115 ~ XPMT 127	2,4
XPMT 130 ~ XPMT 175	3,2
XPMT 150 ~ XPMT 175	3,2

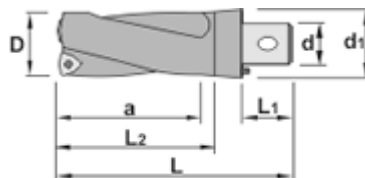
XPMT



42._4.7_

Drill

Max. hole depth = 3xDiameter (D)



REFERENCE	D	L	L1	L2	a	d	d1	Radial Adj.			Insert Size	Kg	Code	Euro
4214.72.017,5	17,5	92	20	56	53	20	32	+1,00 - 19,5	1622	5507	WCM..0302..	0,070		289,73
4214.72.018	18	93		57	54			+0,90 - 19,8				0,080		289,73
4214.72.018,5	18,5	95		59	56			+0,85 - 20,2				0,080		289,73
4214.72.019	19	96		60	57			+0,80 - 20,6				0,090		289,73
4214.72.020	20	101		64	60			+0,75 - 21,5				0,110		289,73
4224.73.022	22	112	25	69	66	24	40	+1,25 - 24,5	1225	5508	WCM..0402..	0,320		289,73
4224.73.024	24	120		76	72			+0,75 - 25,5				0,370		289,73
4224.73.025	25	124		79	75			+0,50 - 26,0				0,400		289,73
4234.74.026	26	132	30	81	78	28	40	+2,50 - 31,0	1630	5509	WCM..0503..	0,375		346,53
4234.74.027	27	135		84	81			+2,20 - 31,4				0,400		346,53
4234.74.028	28	139		87	84			+2,10 - 32,2				0,450		346,53
4234.74.029	29	142		90	87			+1,80 - 32,6				0,470		346,53
4234.74.030	30	147		94	90			+1,80 - 33,0				0,500		346,53
4244.75.031	31	161	40	97	93	36	50	+3,50 - 38,0	1635	5510	WCM..06T3..	0,600		386,30
4244.75.032	32	164		100	96			+3,20 - 38,4				0,750		386,30
4244.75.034	34	171		106	102			+2,80 - 39,6				0,800		386,30
4244.75.035	35	175		109	105			+2,50 - 40,0				0,850		386,30
4244.75.038	38	186		118	114			+1,80 - 41,0				1,000		437,78
4244.75.039	39	189		121	117			+1,50 - 41,6				1,050		437,78
4244.75.040	40	193		124	120			+1,20 - 42,0				1,150		437,78

REFERENCE PLAQUETTES	l	s	d
WCM.. 0302..	3,46	2,38	5,56
WCM.. 0402..	3,99	2,38	6,35
WCM.. 0503..	5,07	3,18	7,94
WCM.. 06T3..	6,14	3,97	9,52

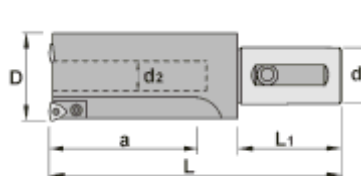
Positive 7° clearance - 80° Trigon inserts



4744.64

Trepanning drill

Max. hole depth = 2.5xDiameter (D)



REFERENCE	D	L	L1	L2	a	d	d1	Insert Size	Code	Euro
4744.64.060	60	260	65	160	150	40	24	WCM..06T3..		578,58
4744.64.065	65	275	65	175	165	40	29			675,05
4744.64.070	70	285	65	185	175	40	34			675,05
4744.64.075	75	300	65	200	190	40	39			675,05
4744.64.080	80	310	65	210	200	40	44			675,05
4744.64.085	85	325	65	225	215	40	49			933,30
4744.64.090	90	335	65	235	225	40	54			933,30
4744.64.095	95	350	65	250	240	40	59			933,30
4744.64.100	100	360	65	260	250	40	64			933,30

ACCESSOIRES									
4744.64..	1396	5510	1405	1635	1503	5002	5005	6806	6816

REFERENCE PLAQUETTES	l	s	d
WCM.. 06T3..	6,14	3,97	9,52

Positive 7° clearance - Trigon inserts

WCMT



WCMX



PIECES DETACHEES

	Réf	€		Réf	€		Réf	€		Réf	€			
	0009	107009	0.78		1161	2.70		1350	107063	2.23	1586	9,55		
	0012	107012	0.78		1166	107033	2.15		1353	9.35	1592	5,20		
	0015	107015	0.78		1180	2.15		1354	9.35		1594	5,20		
	0019	107017	0.78		1182	4.13		1359	8.05		1605	107076	1.98	
	0025		1.23		1185	2.15		1360	2.70		1606	107077	1.98	
	1004	107021	1.27		1186	2.15		1388	2.75		1608	107078	1.98	
	1005	107022	1.27		1188	107034	2.15		1393	107061	1.08	1609		9.35
	1005L		1.28		1190	2.65		1394	107007	1.08	1610	107079	1.80	
	1006	107023	1.40		1192	4.13		1396	1.08		1612	107080	2.70	
	1006L	107020	1.40		1193	107035	1.08		1403	4.90	1614	107110	1.98	
	1008	107024	1.68		1194	107036	1.93		1404	4.20	1618	107121	1.80	
	1008L		1.68		1195	1.08		1405	4.90		1619		10.00	
	1016	107025	1.40		1196	1.08		1406	5.93		1622		3.23	
	1016L		1.40		1198	2.65		1408	6.00		1625	107124	2.15	
	1025		2.38		1208	2.03		1420	4.13		1626	107125	1.98	
	1026		4.15		1210			1422	4.13		1628	107122	1.98	
	1036		4.15		1211	7.50		1425	107054	1.80	1629		10.00	
	1040		2.70		1212	6.55		1430	107064	2.23	1630	107082	1.85	
	1048L		5.83		1216	7.60		1435	2.63		1635	107126	2.15	
	1056		4.60		1218	2.15		1440	107056	1.93	1638	107127	1.80	
	1057		5.05		1220	107041	2.30		1445	3.43	1640	107128	2.15	
	1058	107026	1.68		1222	107042	1.80		1450	107057	2.23	1642	107140	1.98
	1059		11.05		1225	107043	1.80		1455	3,70	1643		1,98	
	1066	107027	2.15		1226	5.90		1460	3,65		1644		1,98	
	1075		1.58		1230	107044	2.03		1466	2,15	1645	107141	1.98	
	1076		1.68		1235	107040	2.15		1488	2,65	1646	107142	1.98	
	1077		2.15		1240	107045	1.93		1494	1,08	1647		1.98	
	1078		2.48		1244	2.65		1495	1,58		1648	107143	1.98	
	1085		2.15		1245	107046	1.93		1503	2,03	1650		2.70	
	1086	107008	2.15		1250	107047	2.23		1504	107072	1,13	1655		2.70
	1088	107028	2.15		1255	5.90		1505	107073	1,13	1656	107065	6.18	
	1090		2,65		1260	2.70		1506	1,13		1658		5.10	
	1093	107037	1,08		1261	2.70		1508	2,03		1660	107144	1.98	
	1094	107029	1,08		1266	107048	2.15		1509	8,05	1661	107146	1.98	
	1095		1,08		1291	1.98		1510	2,03		1662	107145	1.98	
	1096	107030	1,08		1294	107051	1.93		1512	2.03	1663	107149	1.98	
	1098		2,60		1295	107050	2.13		1515	1.13	1665	107002	6.18	
	1108	107031	2.15		1296	1.08		1516	4.05		1666		6,05	
	1110		0.25		1297			1519	8.05		1667		2,70	
	1112		0.38		1306	5,78		1524	4,05		1668		6,18	
	1116				1308	5,78		1529	8,05		1669		9,35	
	1118		17.83		1310	6,35		1530	2,98		1670		3,33	
	1120		17.83		1312	6,93		1535	5.90		1671		3,33	
	1135		1.93		1316	5.05		1540	107074	1.93	1672		9,10	
	1140		3.05		1320	6.28		1550	107075	2.23	1676		4,53	
	1150		2.70		1334	1.93		1580	5,28		1677		6,45	
	1156		2.15		1335	107058	1.93		1582	9,55	1678		6,18	
	1160	107032	2.70		1340	107052	1.93		1584	9,55	1679		6.18	

1680		3.33	2006	107212	8,50	2313		10.15	3008	107320	5.35
1681	107147	3.33	2007		8,50	2315		10.15	3010	107321	5.70
1682		3.33	2008	107202	8,50	2316	107236	7.88	3012	107322	5.70
1686		2.70	2009	107203	1,63	2319		10.60	3013	107310	5.70
1705	107161	1.80	2010	107204	1,63	2326	107237	7.88	3016	107323	5.70
1706	107162	1.80	2011	107199	8,50	2336		10,43	3018	107315	5.70
1708	107163	1.98	2012		10,15	2338		12,30	3020		5,70
1710		2.38	2013		10,15	2407	107261	8,50	3022	107324	5,70
1715		2.70	2014	107201	10,15	2409	107262	8,50	3109		5,60
1735	107165	2.03	2015		10,15	2410		11,55	3112	107332	5,10
1740		1.93	2016	107205	10,15	2411		10,15	3115		14,40
1745	107083	2.00	2017	107198	9,90	2413		11,55	3116	107341	5,98
1750	107085	2.85	2018		9,90	2414		10,15	3119	107333	14,40
1760		4.18	2019		10,15	2415		10,15	3122	107342	8,20
1765		5.58	2022	107206	12,08	2416		10,15	3126R		9,48
1788		2.25	2023		12,08	2417		11,55	3132L		11,03
1801		1.68	2024	107213	12,08	2424		10,15	3132R		11,03
1802		2.88	2025		12,08	2428		12,18	3212		5,70
1803		1,98	2026		12,08	2432		12,18	3213		16,30
1804		1,98	2027		12,08	2471		10,15	3216	107362	5.70
1805		2,88	2028		12,08	2509	107264	8.50	3222	107363	5.70
1806		2,15	2029		12,08	2511	107265	10.15	3226	107364	6.85
1808		2,23	2051		8.90	2513		11,43	3236	107365	6.85
1809		9,35	2054	107207	1.63	2516		8,50	3414	107371	4.30
1810		2,33	2063	107211	1.63	2519		8,50	3416	107373	4.30
1813		1.98	2064	107208	1.63	2522		10,15	3420		16,30
1814		3.38	2066	107209	1.63	2527		11,43	3421		22,53
1816		2,48	2087		1.63	2601		6,40	3421L		34,60
1825		2,88	2088	107210	1.63	2602		7,58	3422	107374	5.98
1826		2,88	2101		6.40	2604		7,58	3424	107372	8.55
1835		2,03	2102		6.75	2605		7,58	3424-1°		14,28
1840		2,85	2105		7.85	2612		7,58	3424+1°		14,28
1845	107185	2,03	2107	107221	8.50	2613		7,58	3424-2°		14,28
1846	107003	2.03	2109	107222	8.50	2614		7,58	3424+2°		14,28
1847		2.28	2114		20.95	2616		7,58	3424-3°		14,28
1888	107049	2.15	2119	107228	8.50	2620	107270	7,58	3424+3°		14,28
1890		2.70	2135		8.50	2621		7,58	3425		8.55
1905		1,28	2136		8.50	2623		7,58	3425-1°		14,28
1906		1,40	2142		8,50	2624		7,58	3425+1°		14,28
1907	107190	1,98	2143		7,28	2625		7,58	3425-2°		14,28
1908		1,68	2207	107223	8.50	2631		7,58	3425+2°		14,28
1915		1,98	2209	107224	8.50	2722		10.25	3425-3°		14,28
1916		1,40	2211	107225	10.15	2727		10.25	3425+3°		14,28
1935		2,03	2213		10.15	2803		0,78	3426L		8.55
1936		2,23	2304	107230	8.75	2804		0,78	3426R	107381	8.55
1937		2,80	2305	107231	10.15	2806		0,78	3427		10,88
1938		3,40	2306	107232	10.43	2808		0,78	3430		16,18
1940		1,98	2307		8,50	2810		0,78	3431		16,18
1950		2.53	2308		7,80	3004		3,50	3432L		9,48
1955		3.40	2309	107234	8,50	3005		5,35	3432R	107382	9,48
2000	107200	9.60	2312	107235	7,80	3006		5,35	3433	107376	14,83
						3007	107318	5.35	3437L		9,85

3437R	107383	9.85	4002	107510	0,38	5517		6.33	6111	107756	5.70
3509	107410	3,83	4003		0,78	5520	107615	5,23	6226		13.68
3511		5,18	4012	107512	0,78	5525		5,70	6230		84.40
3512	107411	5,18	4013		0,78	5606		4.30	6240		84.40
3514		5,18	4016	107513	0.78	5607	107621	4.22	6245		84.40
3515		8,88	4022	107514	0.78	5608	107622	4.68	6432		13.00
3519	107414	9,90	4027		0.78	5609	107623	4.58	6432L		5,70
3521		14,83	4050		2.15	5610		4.73	6433		5,70
3522		7,25	4109	107531	0.55	5615	107625	5.25	6434		5,70
3525	107413	23,65	4110	107532	0.65	5620	107626	6.13	6435		5,70
3532		16,20	4112	107533	0.65	5625		6.85	6436		5,70
3571		26.08	4115	107534	0.65	5720		10.75	6437		5,70
3609		4.73	4116	107535	0.78	5732		2.53	6437L		5,70
3612	107431	5.17	4119	107536	0.93	5733		3.00	6438		5,70
3614	107430	5.17	4125		0.93	6001	107710	5.70	6438L		5,70
3616	107432	7.82	4129	107538	0.83	6001L		5.70	6439		5,70
3619	107433	12.13	4133	107541	0.93	6002	107711	5.70	6439L		5,70
3622		8.88	4135		1.50	6002L		5.70	6440		5,70
3625		25.38	4201		3.38	6003	107712	5.70	6440L		5,70
3632		8.88	4202	107551	1.68	6004		5.70	6488		5,70
3710		12.78	4203	107552	1.68	6005	107714	5.70	6488L		5,70
3711	107451	4.53	4204	107553	1.68	6006		5.70	6489		5,70
3712	107461	17.83	4294		0.73	6007	107716	5.70	6489L		5,70
3713		17.83	4295	107560	0.72	6007L		5.70	6490		5,70
3714	107474	4.53	4325		1.13	6008	107717	5.70	6491		5,70
3715	107475	5.10	4332		1.13	6008L		5.70	6512	107761	20.55
3716		5.93	4340		1.13	6010	107720	5.70	6512L	107760	41.13
3718	107478	5.93	4350		2.03	6011	107721	5.70	6513	107762	20.55
3719		17.83	5002	107581	0.93	6013	107722	5.70	6513L		41,13
3720		6.48	5003	107582	0.98	6027	107730	5.70	6514		20,55
3722		25.28	5004	107583	1.13	6027L		5.70	6514L		41,13
3723		8.88	5005	107584	1.40	6028	107731	5.70	6515		20,55
3725		7.45	5006		1.40	6028L		5.70	6515L		41,13
3736		5.93	5015	107586	0.93	6031	107740	5.70	6516		20,55
3809		22.23	5025	107587	0.93	6031L		5.70	6516L		41,13
3810	107481	3.55	5100		0,93	6032	107741	5.70	6518	107767	20,55
3811	107319	3.55	5102		0,98	6032L		5.70	6518L		41,13
3812	107482	4.10	5103		0,98	6033	107742	5.70	6520		20,55
3813		28,83	5124		0.93	6033L		5.70	6520L		41,13
3814		4,10	5126		1.40	6034		5.70	6522		20,55
3816	107483	7,58	5135		1.40	6034L		5.70	6522L		41,13
3817		28,83	5201		42.40	6035		5.70	6526	107770	20,55
3819		31,58	5204		10.53	6035L		5.70	6526L		41,13
3820		10,58	5205		10.73	6036		5.70	6527		20,55
3822		18,73	5506	107610	3.70	6037		5.70	6527L		41,13
3825		19,38	5507	107611	3.75	6044		5.70	6542		20,55
3832		22.35	5508	107612	3.83	6088	107752	5.70	6542L		41,13
3909		3,50	5509	107616	4.00	6088L		5.70	6560	107773	13.67
3912		4,40	5510	107613	4.10	6101		5.70	6561	107774	13.67
3915		8,13	5515	107614	4.55	6103	107754	5.70	6562	107775	13.67
3919		9,58	5516	107617	5.42	6110	107755	5.70	6563	107777	13.67
3925		20,28							6564	107776	15.63

6565	107778	15.63	8219	107923	10.15	ICSN-633	13,90	NL-810	14.28
6612	107779	20.55	8312	107931	6.25	ICSN-846	10,18	S-34	4.98
6612L		41.13	8415	107941	7.45	IDSN-322	6,20	S-46	4.98
6614	107780	20.55	9009		7.45	IDSN-432	7,30	S-58	6.95
6614L		41.13	9011	107961	7.45	IDSN-434	7,30	S-68	7.63
6622		20.55	9012	107951	8.05	IDSN-442	7,30	SA3	1,70
6622L		41.13	9016	107962	8.05	IDSN-533	9.05	SA3T	1,93
6712		20,55	9019	107963	9.35	IESN-432	18.78	SA4	1,93
6712L		41,13	9022		9.35	IRSN-43	8,98	SA5	3,68
6748		84,40	9109		7.45	IRSN-44	10,88	SD-1	2.03
6806		84,40	9111	107964	7.45	IRSN-45	12,78	SN3	2.50
6816		84,40	9112		8.05	IRSN-53	10,88	SN4	2.68
6845		84,40	9116	107965	8.05	IRSN-63	11,65	SY3	1,70
6846		84,40	9119	107969	9.35	IRSN-84	21,83	SY4	1,93
6912		20,55	912.08		2,15	ISSN-322	5.98	SY5	3,68
6912L		41,13	912.10	107066	2,63	ISSN-432	6,38	TF-146	11,28
6913		20,55	912.11		2,63	ISSN-434	6,38	TF-147	11,28
6914		20,23	912.12	107053	2,15	ISSN-442	5,78	TF-72	10,20
6914L		41,13	912.16	107055	2,15	ISSN-454	6,53	TF-73	11,28
6915		20,55	912.17		4,05	ISSN-533	8,88	TF-74	11,28
6915L		41,13	9122		9.35	ISSN-534	8,88	TF-75	11,28
6918		20,55	912.20	107069	7.13	ISSN-633	9,90	XNS-34	3,18
6918L		41,13	912.52	107059	2.15	ISSN-846	15,25	XNS-36	3,18
6920		20,55	912.56	107060	2.15	ITSN-322	4,30	XNS-47	3,18
6921		55,83	9216		7,23	ITSN-324	4,30	XNS-48	3,18
6925		55,83	9222		9,35	ITSN-342	21,70	XNS-510	3,18
6926		55,83	9312		10,15	ITSN-433	6,85	XNS-58	3,18
6927		20,55	9313		9,35	ITSN-533	10,88	YE5	28.05
6935		55,83	9316		12,10	ITSN-637	14,83	YI5	28.05
6942		20,55	9322		13,93	IVSN-322	8,63		
6944		55,83	9412		5,40	IVSN-342	16,88		
8005		4.50	9413		6,38	IVSN-432	9,10		
8009		6.60	9414		8,05	IWSN- -633	4,03		
8012		6.85	9416		12,10	IWSN- -633	107801 5,35		
8015		9.03	9509		8.38	NL-23	5,65		
8016	107906	6.65	9512		8,98	NL-33	5,65		
8019	107907	10.15	9519		10,25	NL-33L	5,65		
8025		11.18	9609	107989	8.38	NL-34	5,65		
8100		8.50	9612		8.98	NL-34L	5,65		
8101		8,50	9619		10.25	NL-43	6,13		
8110	107909	6,85	CL-12		7,58	NL-44	6,13		
8112	107910	6,85	CL-20		7,58	NL-46	6,13		
8116	107911	8,38	CL-22		10,65	NL-46L	6,13		
8120		8,38	CL-30		10,65	NL-46S	6,13		
8125		10,15	CL-6		6,55	NL-56	6,13		
8132		13,68	CL-7		6,55	NL-58	6,13		
8211		6.85	ICSN-422		6,38	NL-66	6,13		
8212	107921	6.85	ICSN-432	107800	6,38	NL-66L	6,13		
8216	107922	6.60	ICSN-434		6,38	NL-68	6,13		
			ICSN-454		6.53	NL-68L	6,95		
			ICSN-533		7.83				

Les conditions ci-dessous sont censées être connues de l'acheteur et toute commande implique leur acceptation.

CATALOGUES

Les photographies incluses dans les catalogues ne sont pas contractuelles.

Sans modifier les caractéristiques essentielles ou de fonctionnement, nous nous réservons le droit de modifier les dimensions ou le poids etc... des articles.

Les délais éventuellement indiqués sont sous réserve des stocks disponibles.

PRIX

Les prix indiqués sont HT en **EUROS** et sont appliqués en l'absence de conditions particulières de vente.

DELAIS DE LIVRAISON

Les délais de livraison sont donnés aussi exactement que possible mais sont en fonction des possibilités d'approvisionnement.

Les dépassements du délai de livraison ne peuvent donner lieu ni à dommages-intérêts, ni à retenue.

PORT

Les prix sont départ nos magasins en l'absence de conditions générales dérogatoires concernant ce sujet ou mention dans les conditions particulières de vente.

LIVRAISON

La livraison ne peut se faire que si l'acheteur est à jour de ses obligations envers le vendeur.

La livraison est effective dès la prise en charge par le transporteur.

Quel que soit le mode d'expédition, y compris les expéditions franco, le matériel voyage aux risques et périls du destinataire.

Le matériel n'est assuré que sur instruction et aux frais de l'acheteur.

Il appartient à l'acheteur d'effectuer les vérifications, de faire toutes les réserves à l'arrivée du matériel et d'exercer s'il y a lieu, dans le délai réglementaire, tout recours contre le transporteur.

La société ne peut en aucun cas être tenu responsable des retards dans l'acheminement du matériel.

RETOURS

Avant tout retour de matériel vous devez :

- Demander un **n° d'autorisation** de retour.
- Effectuer le retour dans un **délai de 30 jours**.
- Les articles doivent être retournés dans leur **emballage d'origine** et **non utilisés**.
- Joindre la photocopie de la facture ou du bordereau de livraison.

Une **moins value de 15%** sera appliquée pour frais de remise en stock, si l'erreur ne nous est pas imputable.

Aucun retour ne sera accepté en port dû.

PAIEMENT

Les factures sont payables au siège social.

Paiement à 30 jours fin de mois le 15 par traite signée et acceptée, sauf accords particuliers et préalables.

Toutefois, toute première commande d'un client est payable à la commande, aussi longtemps que ne lui a pas été ouvert un compte en nos livres.

Le **retard de paiement ou de retour des effets de commerce, dans le délai imparti par la loi**, pourra entraîner la **suspension des livraisons des commandes** en cours. Les sommes non payées à l'échéance produiront des intérêts de retard calculés avec le taux minima imposé par la loi sans mise en demeure.

Aucun escompte n'est accordé pour paiement anticipé.

RESERVE DE PROPRIETE

Loi n° 80-335 du 12-5-80- L'acheteur ne sera **propriétaire** du matériel **qu'après règlement complet** des sommes dues.

En cas de non-respect par l'acheteur du présent contrat et du non respect des échéances de règlement, la société, sans perdre ses droits, pourra exiger, par simple lettre recommandée, la restitution du matériel aux frais de l'acheteur.

GARANTIE

Tous les articles sont garantis dans la limite de l'utilisation pour laquelle ils ont été prévus et en concordance avec la garantie constructeur.

La garantie est limitée exclusivement au remplacement ou au remboursement du matériel. Elle est limitée en tout état de cause à 12 mois..

L'acheteur ne peut se prévaloir du recours en garantie pour suspendre ou différer ses paiements.

Les obligations du vendeur excluent la réparation de toutes conséquences directes ou indirectes liées à l'utilisation et aux performances du matériel.

JURIDICTION

Les juridictions compétentes sont celles du siège social pour statuer sur les litiges quelqu'en soit la cause.

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