





**Code Key**  
**Système de codification**  
**Kodifizierungs-System**

**102**

**Applications**  
**Applications**  
**Anwendungen**

**103**

**Top clamp cartridges**

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**104**

**Lever lock cartridges**

.....  
.....

**106**

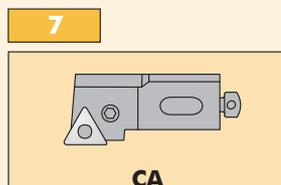
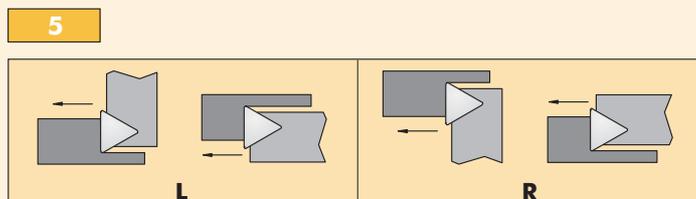
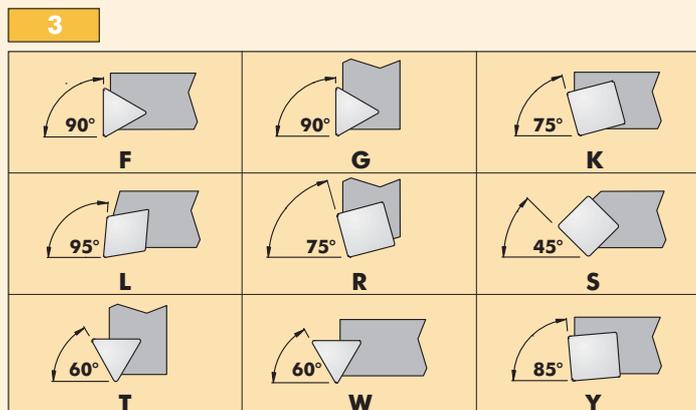
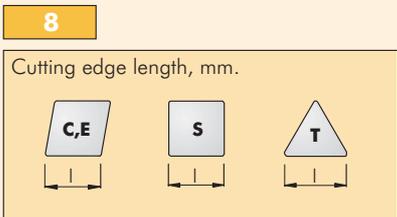
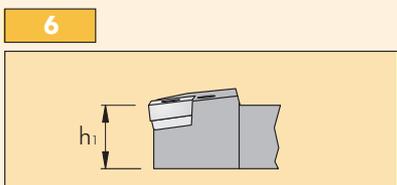
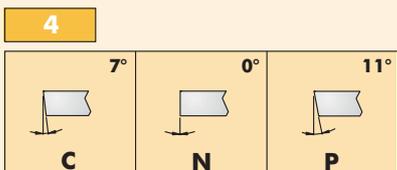
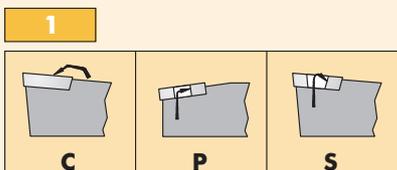
**Center screw cartridges**

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**109**

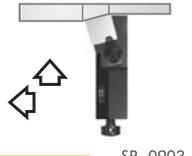
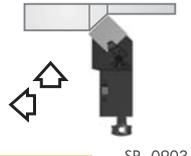
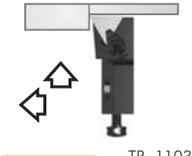
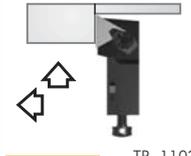
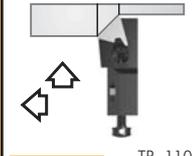
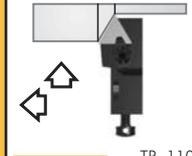
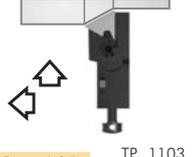
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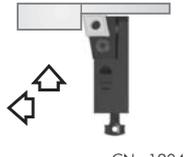
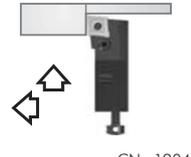
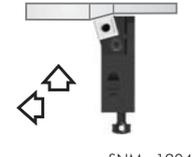
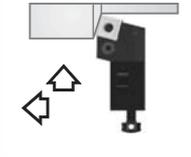
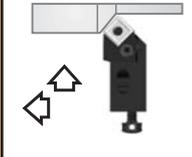
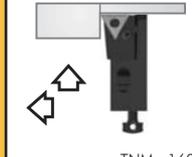
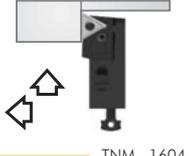
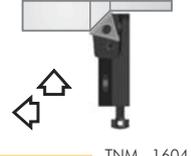
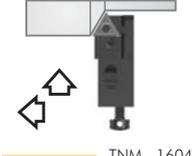
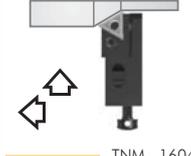


- Inserts
- Turning
- Automatic lathes
- Ceramic tools
- Parting & grooving
- Threading
- Drills
- Cartridges
- Brazed tools
- Milling cutters
- Solid carbide
- Boring heads
- Arbors & adaptors

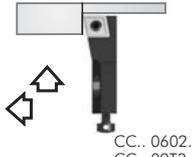
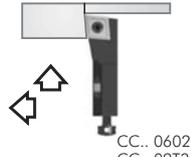
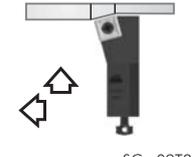
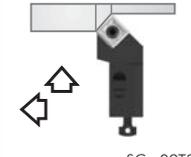
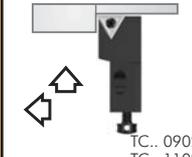
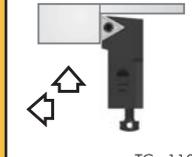
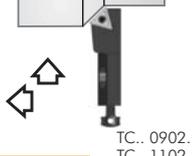
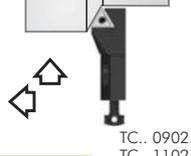
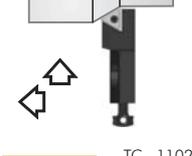
Top clamp cartridges - ..... - .....

<p><b>CSKP 75°</b></p>  <p>Page I.04 SP.. 0903.. SP.. 1203..</p>	<p><b>CSSP 45°</b></p>  <p>Page I.04 SP.. 0903.. SP.. 1203..</p>	<p><b>CTFP 90°</b></p>  <p>Page I.04 TP.. 1103.. TP.. 1603..</p>	<p><b>CTGP 90°</b></p>  <p>Page I.04 TP.. 1103.. TP.. 1603..</p>	<p><b>CTSP 45°</b></p>  <p>Page I.05 TP.. 1103.. TP.. 1603..</p>	<p><b>CTTP 60°</b></p>  <p>Page I.05 TP.. 1103.. TP.. 1603..</p>
<p><b>CTWP 30°</b></p>  <p>Page I.05 TP.. 1103.. TP.. 1603..</p>					

Lever lock cartridges - ..... - .....

<p><b>PCFN 90°</b></p>  <p>Page I.06 CN.. 1204.. CN.. 1606..</p>	<p><b>PCLN 95°</b></p>  <p>Page I.06 CN.. 1204.. CN.. 1606..</p>	<p><b>PSKN 75°</b></p>  <p>Page I.06 SNM.. 1204.. SNM.. 1506..</p>	<p><b>PSRN 75°</b></p>  <p>Page I.06 SNM.. 1204..</p>	<p><b>PSSN 45°</b></p>  <p>Page I.07 SNM.. 1204..</p>	<p><b>PTFN 90°</b></p>  <p>Page I.07 TNM.. 1604.. TNM.. 2204..</p>
<p><b>PTGN 90°</b></p>  <p>Page I.07 TNM.. 1604.. TNM.. 2204..</p>	<p><b>PTSN 45°</b></p>  <p>Page I.07 TNM.. 1604.. TNM.. 2204..</p>	<p><b>PTTN 60°</b></p>  <p>Page I.08 TNM.. 1604.. TNM.. 2204..</p>	<p><b>PTWN 30°</b></p>  <p>Page I.08 TNM.. 1604.. TNM.. 2204..</p>		

Center screw cartridges - ..... - .....

<p><b>SCFC 90°</b></p>  <p>Page I.09 CC.. 0602.. CC.. 09T3.. CC.. 1204..</p>	<p><b>SCLC 95°</b></p>  <p>Page I.09 CC.. 0602.. CC.. 09T3.. CC.. 1204..</p>	<p><b>SSKC 75°</b></p>  <p>Page I.09 SC.. 09T3.. SC.. 1204..</p>	<p><b>SSSC 45°</b></p>  <p>Page I.09 SC.. 09T3.. SC.. 1204..</p>	<p><b>STFC 90°</b></p>  <p>Page I.10 TC.. 0902.. TC.. 1102.. TC.. 16T3..</p>	<p><b>STGC 90°</b></p>  <p>Page I.10 TC.. 1102.. TC.. 16T3..</p>
<p><b>STSC 45°</b></p>  <p>Page I.10 TC.. 0902.. TC.. 1102.. TC.. 16T3..</p>	<p><b>STTC 60°</b></p>  <p>Page I.10 TC.. 0902.. TC.. 1102.. TC.. 16T3..</p>	<p><b>STWC 30°</b></p>  <p>Page I.11 TC.. 1102.. TC.. 16T3..</p>			

Inserts

Turning

Automatic lathes

Ceramic tools

Parting & grooving

Threading

Drills

Cartridges

Brazed tools

Milling cutters

Solid carbide

Boring heads

Arbors & adaptors

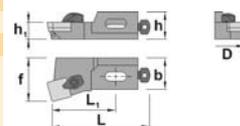


Inserts

**CKSP 75°**



REF.	D	h	h1	L	L1	f	b	SP..
<b>CKSP R/L 10CA-09</b>	40	15	10	50	30	14	11	0903..
<b>CKSP R/L 12CA-12</b>	50	20	12	55	35	20	16	1203..
<b>CKSP R/L 16CA-12</b>	55	25	16	63	38	25	20	1203..

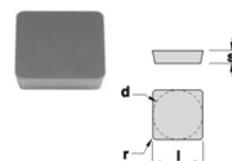


Turning

Automatic lathes

REF.	234	525	-	-	118	154	502	286	192	504
<b>CKSP R/L 10CA-09</b>	234	525	-	-	118	154	502	286	192	504
<b>CKSP R/L 12CA-12</b>	235	503	-	-	118	157	525	286	186	504
<b>CKSP R/L 16CA-12</b>	235	503	314	402	119	157	525	288	190	505

REF.	l	s	d
<b>SP. 0903..</b>	9,52	3,18	9,52
<b>SP. 1203..</b>	12,70	3,18	12,70



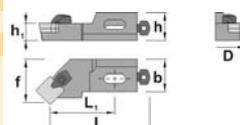
For more information see page: A.51

Ceramic tools

**CSSP 45°**



REF.	D	h	h1	L	L1	f	b	SP..
<b>CSSP R/L 10CA-09</b>	40	15	10	44	24	14	11	0903..
<b>CSSP R/L 12CA-12</b>	50	20	12	47	27	20	16	1203..
<b>CSSP R/L 16CA-12</b>	55	25	16	53	28	25	20	1203..

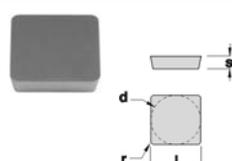


Parting & grooving

Threading

REF.	234	525	-	-	118	154	502	286	192	504
<b>CSSP R/L 10CA-09</b>	234	525	-	-	118	154	502	286	192	504
<b>CSSP R/L 12CA-12</b>	235	503	-	-	118	157	525	286	186	504
<b>CSSP R/L 16CA-12</b>	235	503	314	402	119	157	525	288	190	505

REF.	l	s	d
<b>SP. 0903..</b>	9,52	3,18	9,52
<b>SP. 1203..</b>	12,70	3,18	12,70



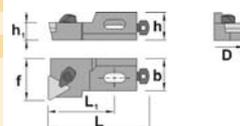
For more information see page: A.51

Drills

**CTFP 90°**



REF.	D	h	h1	L	L1	f	b	TP..
<b>CTFP R/L 10CA-11</b>	40	15	10	50	30	14	11	1103..
<b>CTFP R/L 12CA-16</b>	50	20	12	55	35	20	16	1603..
<b>CTFP R/L 16CA-16</b>	55	25	16	63	38	25	20	1603..

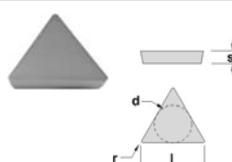


Cartridges

Brazed tools

REF.	234	525	-	-	118	154	502	286	192	504
<b>CTFP R/L 10CA-11</b>	234	525	-	-	118	154	502	286	192	504
<b>CTFP R/L 12CA-16</b>	235	503	-	-	118	157	525	286	186	504
<b>CTFP R/L 16CA-16</b>	235	503	317	402	119	157	525	288	190	505

REF.	l	s	d
<b>TP. 1103..</b>	11,00	3,18	6,35
<b>TP. 1603..</b>	16,50	3,18	9,52



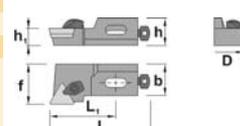
For more information see page: A.54,55

Milling cutters

**CTGP 90°**



REF.	D	h	h1	L	L1	f	b	TP..
<b>CTGP R/L 10CA-11</b>	40	15	10	50	30	14	11	1103..
<b>CTGP R/L 12CA-16</b>	50	20	12	55	35	20	16	1603..
<b>CTGP R/L 16CA-16</b>	60	25	16	63	38	25	20	1603..

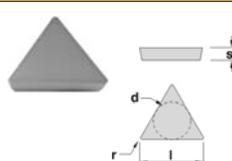


Solid carbide

Boring heads

REF.	234	525	-	-	118	154	502	286	192	504
<b>CTGP R/L 10CA-11</b>	234	525	-	-	118	154	502	286	192	504
<b>CTGP R/L 12CA-16</b>	235	503	-	-	118	157	525	286	186	504
<b>CTGP R/L 16CA-16</b>	235	503	317	402	119	157	525	288	190	505

REF.	l	s	d
<b>TP. 1103..</b>	11,00	3,18	6,35
<b>TP. 1603..</b>	16,50	3,18	9,52



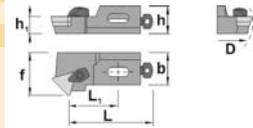
For more information see page: A.54,55

Arbors & adaptors

**CTSP 45°**



REF.	D	h	h1	L	L1	f	b	TP..
<b>CTSP R/L 10CA-11</b>	40	15	10	44	24	14	11	1103..
<b>CTSP R/L 12CA-16</b>	50	20	12	47	27	20	16	1603..
<b>CTSP R/L 16CA-16</b>	55	25	16	53	28	25	20	1603..



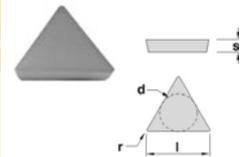
REF.



<b>CTSP R/L 10CA-11</b>	234	525	-	-	118	154	502	286	192	504
<b>CTSP R/L 12CA-16</b>	235	503	-	-	118	157	525	286	186	504
<b>CTSP R/L 16CA-16</b>	235	503	317	402	119	157	525	288	190	505

REF.

REF.	l	s	d
<b>TP. 1103..</b>	11,00	3,18	6,35
<b>TP. 1603..</b>	16,50	3,18	9,52

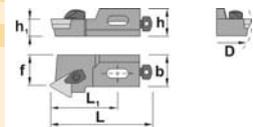


For more information see page: A.54,55

**CTTP 60°**



REF.	D	h	h1	L	L1	f	b	TP..
<b>CTTP R/L 10CA-11</b>	40	15	10	50	30	9	11	1103..
<b>CTTP R/L 12CA-16</b>	50	20	12	55	35	13	16	1603..
<b>CTTP R/L 16CA-16</b>	55	25	16	63	38	15	20	1603..



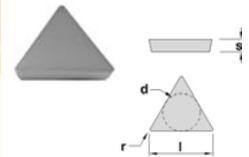
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<b>CTTP R/L 10CA-11</b>	234	525	-	-	118	154	502	286	192	504
<b>CTTP R/L 12CA-16</b>	235	503	-	-	118	157	525	286	186	504
<b>CTTP R/L 16CA-16</b>	235	503	317	402	119	157	525	288	190	505

REF.

REF.	l	s	d
<b>TP. 1103..</b>	11,00	3,18	6,35
<b>TP. 1603..</b>	16,50	3,18	9,52

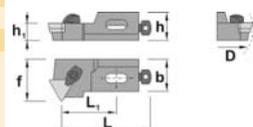


For more information see page: A.54,55

**CTWP 30°**



REF.	D	h	h1	L	L1	f	b	TP..
<b>CTWP R/L 10CA-11</b>	40	15	10	44	24	14	11	1103..
<b>CTWP R/L 12CA-16</b>	50	20	12	47	27	20	16	1603..
<b>CTWP R/L 16CA-16</b>	55	25	16	53	28	25	20	1603..



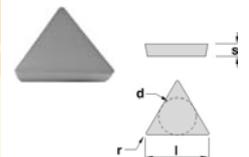
REF.



<b>CTWP R/L 10CA-11</b>	234	525	-	-	118	154	502	286	192	504
<b>CTWP R/L 12CA-16</b>	235	503	-	-	118	157	525	286	186	504
<b>CTWP R/L 16CA-16</b>	235	503	317	402	119	157	525	288	190	505

REF.

REF.	l	s	d
<b>TP. 1103..</b>	11,00	3,18	6,35
<b>TP. 1603..</b>	16,50	3,18	9,52



For more information see page: A.54,55

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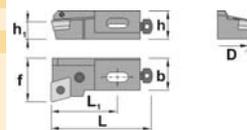


Inserts

**PCFN 90°**



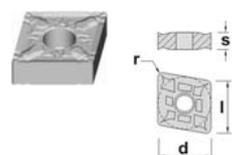
REF.	D	h	h1	L	L1	f	b	CN..
<b>PCFN R/L 16CA-12</b>	60	25	16	63	38	25	20	1204..
<b>PCFN R/L 20CA-12</b>	70	30	20	70	40	25	20	1606..
<b>PCFN R/L 25CA-16</b>	100	35	25	100	50	32	25	1606..



Turning

REF.												
<b>PCFN R/L 16CA-12</b>	842	173	503	302	412	119	157	002	525	288	190	505
<b>PCFN R/L 20CA-12</b>	812	163	503	302	412	119	156	002	503	288	190	505
<b>PCFN R/L 25CA-16</b>	816	170	503	366	415	120	158	005	504	290	191	526

REF.	l	s	d
<b>CN.. 1204..</b>	12,90	4,76	12,70
<b>CN.. 1606..</b>	16,10	6,35	15,88



For more information see page: A.39,40

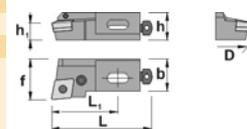
Automatic lathes

Ceramic tools

**PCLN 95°**



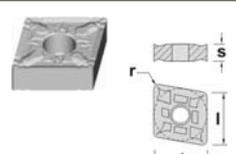
REF.	D	h	h1	L	L1	f	b	CN..
<b>PCLN R/L 16CA-12</b>	60	25	16	63	38	25	20	1204..
<b>PCLN R/L 20CA-12</b>	70	30	20	70	40	25	20	1204..
<b>PCLN R/L 25CA-16</b>	100	35	25	100	50	32	25	1606..



Parting & grooving

REF.												
<b>PCLN R/L 16CA-12</b>	842	173	503	302	412	119	157	002	525	288	190	505
<b>PCLN R/L 20CA-12</b>	812	163	503	302	412	119	156	002	503	288	190	505
<b>PCLN R/L 25CA-16</b>	816	170	503	366	415	120	158	005	504	290	191	526

REF.	l	s	d
<b>CN.. 1204..</b>	12,90	4,76	12,70
<b>CN.. 1606..</b>	16,10	6,35	15,88



For more information see page: A.39,40

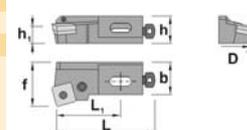
Threading

Drills

**PSKN 75°**



REF.	D	h	h1	L	L1	f	b	SNM..
<b>PSKN R/L 12CA-12</b>	50	20	12	55	35	20	16	1204..
<b>PSKN R/L 16CA-12</b>	60	25	16	63	38	25	20	1204..
<b>PSKN R/L 20CA-12</b>	70	30	20	70	40	25	20	1204..
<b>PSKN R/L 25CA-15</b>	100	35	25	100	50	32	25	1506..

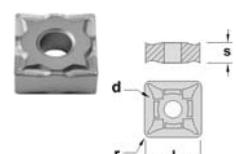


Cartridges

Brazed tools

REF.												
<b>PSKN R/L 12CA-12</b>	832	171	525	-	-	118	157	-	525	286	186	504
<b>PSKN R/L 16CA-12</b>	842	173	503	313	412	119	156	002	525	288	190	505
<b>PSKN R/L 20CA-12</b>	812	163	503	313	412	119	156	002	503	288	190	505
<b>PSKN R/L 25CA-15</b>	816	170	503	355	415	120	158	005	504	290	191	526

REF.	l	s	d
<b>SNM.. 1204..</b>	12,70	4,76	12,70
<b>SNM.. 1506..</b>	15,88	6,35	15,88



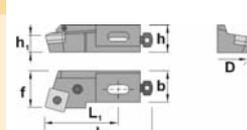
For more information see page: A.49,50

Milling cutters

**PSRN 75°**



REF.	D	h	h1	L	L1	f	b	SNM..
<b>PSRN R/L 16CA-12</b>	60	25	16	63	38	25	25	1204..
<b>PSRN R/L 20CA-12</b>	70	30	20	70	40	25	25	1204..

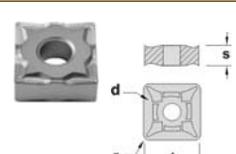


Solid carbide

Boring heads

REF.												
<b>PSRN R/L 16CA-12</b>	842	173	503	313	412	119	157	002	525	288	190	505
<b>PSRN R/L 20CA-12</b>	812	163	503	313	412	119	156	002	503	288	190	505

REF.	l	s	d
<b>SNM.. 1204..</b>	12,70	4,76	12,70



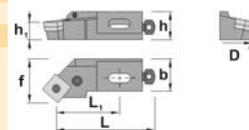
For more information see page: A.49,50

Arbors & adaptors

**PSSN 45°**



REF.	D	h	h1	L	L1	f	b	SNM..
<b>PSSN R/L 12CA-12</b>	50	20	12	47	27	20	16	1204..
<b>PSSN R/L 16CA-12</b>	60	25	16	53	28	25	20	1204..
<b>PSSN R/L 20CA-12</b>	70	30	20	60	30	25	20	1204..



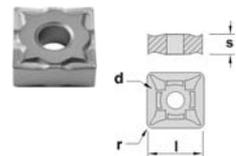
REF.



<b>PSSN R/L 12CA-12</b>	832	171	525	-	-	118	157	-	525	286	186	504
<b>PSSN R/L 16CA-12</b>	842	173	503	313	412	119	157	002	525	288	190	505
<b>PSSN R/L 20CA-12</b>	812	163	503	313	412	119	156	002	503	288	190	505

REF.

l	s	d	
<b>SNM.. 1204..</b>	12,70	4,76	12,70

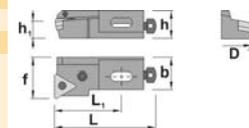


For more information see page: A.49,50

**PTFN 90°**



REF.	D	h	h1	L	L1	f	b	TNM..
<b>PTFN R/L 12CA-16</b>	50	20	12	55	35	20	16	1604..
<b>PTFN R/L 16CA-16</b>	60	25	16	63	38	25	20	1604..
<b>PTFN R/L 20CA-22</b>	70	30	20	70	40	25	20	2204..
<b>PTFN R/L 25CA-22</b>	100	35	25	100	50	32	25	2204..



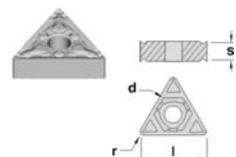
REF.



<b>PTFN R/L 12CA-16</b>	836	161	502	-	-	118	157	-	525	286	186	504
<b>PTFN R/L 16CA-16</b>	809	162	525	336	409	119	157	009	525	288	190	505
<b>PTFN R/L 20CA-22</b>	812	163	503	323	412	119	156	002	503	288	190	505
<b>PTFN R/L 25CA-22</b>	812	163	503	323	412	120	158	002	504	290	191	526

REF.

l	s	d	
<b>TNM.. 1604..</b>	16,50	4,76	9,52
<b>TNM.. 2204..</b>	22,00	4,76	12,70

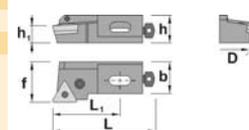


For more information see page: A.52,53,54

**PTGN 90°**



REF.	D	h	h1	L	L1	f	b	TNM..
<b>PTGN R/L 12CA-16</b>	50	20	12	55	35	20	16	1604..
<b>PTGN R/L 16CA-16</b>	60	25	16	63	38	25	20	1604..
<b>PTGN R/L 20CA-22</b>	70	30	20	70	40	25	20	2204..



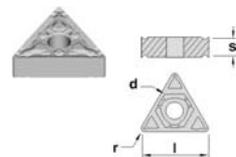
REF.



<b>PTGN R/L 12CA-16</b>	836	161	502	-	-	118	157	-	525	286	186	504
<b>PTGN R/L 16CA-16</b>	809	162	525	336	409	119	156	009	525	288	190	505
<b>PTGN R/L 20CA-22</b>	812	163	503	323	412	119	156	002	503	288	190	505

REF.

l	s	d	
<b>TNM.. 1604..</b>	16,50	4,76	9,52
<b>TNM.. 2204..</b>	22,00	4,76	12,70

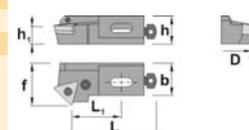


For more information see page: A.52,53,54

**PTSN 45°**



REF.	D	h	h1	L	L1	f	b	TNM..
<b>PTSN R/L 12CA-16</b>	50	20	12	47	27	20	16	1604..
<b>PTSN R/L 16CA-16</b>	60	25	16	53	28	25	20	1604..
<b>PTSN R/L 20CA-22</b>	70	30	20	60	30	25	20	2204..
<b>PTSN R/L 25CA-22</b>	100	35	25	67	37	32	25	2204..



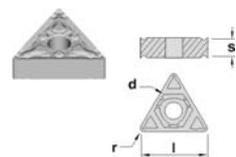
REF.



<b>PTSN R/L 12CA-16</b>	836	161	502	-	-	118	157	-	525	286	186	504
<b>PTSN R/L 16CA-16</b>	809	162	525	336	409	119	156	009	525	288	190	505
<b>PTSN R/L 20CA-22</b>	812	163	503	323	412	119	156	002	503	288	190	505
<b>PTSN R/L 25CA-22</b>	812	163	503	323	412	120	158	002	504	290	191	526

REF.

l	s	d	
<b>TNM.. 1604..</b>	16,50	4,76	9,52
<b>TNM.. 2204..</b>	22,00	4,76	12,70



For more information see page: A.52,53,54

Inserts

Turning

Automatic lathes

Ceramic tools

Parting & grooving

Threading

Drills

Cartridges

Brazed tools

Milling cutters

Solid carbide

Boring heads

Arbors & adaptors

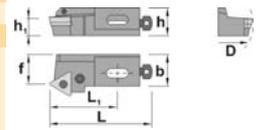


Inserts

**PTTN 60°**



REF.	D	h	h1	L	L1	f	b	TNM..
<b>PTTN R/L 12CA-16</b>	50	20	12	55	55	13	16	1604..
<b>PTTN R/L 16CA-16</b>	60	25	16	63	38	15	20	1604..
<b>PTTN R/L 20CA-22</b>	70	30	20	70	40	15	20	2204..



Turning

Automatic lathes

REF.

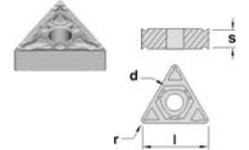


<b>PTTN R/L 12CA-16</b>	836	161	502	-	-	118	157	-	525	286	186	504
<b>PTTN R/L 16CA-16</b>	809	162	525	336	409	119	156	009	525	288	190	505
<b>PTTN R/L 20CA-22</b>	812	163	503	323	412	119	156	002	503	288	190	505

REF.

l s d

<b>TNM.. 1604..</b>	16,50	4,76	9,52
<b>TNM.. 2204..</b>	22,00	4,76	12,70



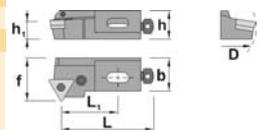
For more information see page: A.52,53,54

Ceramic tools

**PTWN 30°**



REF.	D	h	h1	L	L1	f	b	TNM..
<b>PTWN R/L 12CA-16</b>	50	20	12	47	27	20	16	1604..
<b>PTWN R/L 16CA-16</b>	60	25	16	53	28	25	20	1604..
<b>PTWN R/L 20CA-22</b>	70	30	20	60	30	25	20	2204..



Parting & grooving

Threading

REF.

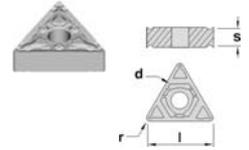


<b>PTWN R/L 12CA-16</b>	836	161	502	-	-	118	157	-	525	286	186	504
<b>PTWN R/L 16CA-16</b>	809	162	525	336	409	119	156	009	525	288	190	505
<b>PTWN R/L 20CA-22</b>	812	163	503	323	412	119	156	002	503	288	190	505

REF.

l s d

<b>TNM.. 1604..</b>	16,50	4,76	9,52
<b>TNM.. 2204..</b>	22,00	4,76	12,70



For more information see page: A.52,53,54

Drills

Cartridges

Brazed tools

Milling cutters

Solid carbide

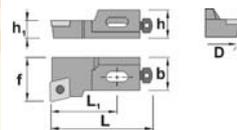
Boring heads

Arbors & adaptors

**SCFC 90°**



REF.	D	h	h1	L	L1	f	b	CC..
<b>SCFC R/L 06CA-06</b>	20	6	6	25	15	10	6	0602..
<b>SCFC R/L 08CA-06</b>	25	8	8	27	16	12	7	0602..
<b>SCFC R/L 10CA-09</b>	30	14	10	42	24	14	10	09T3..
<b>SCFC R/L 12CA-12</b>	40	16	12	47	35	20	14	1204..



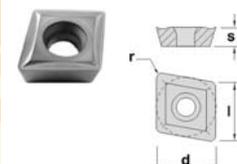
REF.



<b>SCFC R/L 06CA-06</b>	155	507	116	153	515	293	183	502
<b>SCFC R/L 08CA-06</b>	155	507	116	153	515	294	184	525
<b>SCFC R/L 10CA-09</b>	138	515	118	154	502	286	186	504
<b>SCFC R/L 12CA-12</b>	150	520	118	157	525	286	186	504

REF.

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

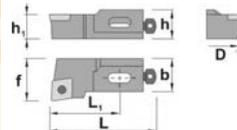


For more information see page: A.38

**SCLC 95°**



REF.	D	h	h1	L	L1	f	b	CC..
<b>SCLC R/L 06CA-06</b>	20	6	6	25	15	10	6	0602..
<b>SCLC R/L 08CA-06</b>	25	8	8	27	16	12	7	0602..
<b>SCLC R/L 10CA-09</b>	30	14	10	44	24	14	10	09T3..
<b>SCLC R/L 12CA-12</b>	40	16	12	47	35	20	14	1204..



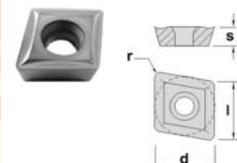
REF.



<b>SCLC R/L 06CA-06</b>	155	507	116	153	515	293	183	502
<b>SCLC R/L 08CA-06</b>	155	507	116	153	515	294	184	525
<b>SCLC R/L 10CA-09</b>	138	515	118	154	502	286	186	504
<b>SCLC R/L 12CA-12</b>	150	520	118	157	525	286	186	504

REF.

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

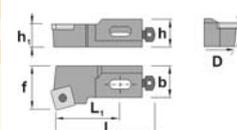


For more information see page: A.38

**SSKC 75°**



REF.	D	h	h1	L	L1	f	b	SC..
<b>SSKC R/L 10CA-09</b>	30	14	10	50	30	14	10,0	09T3..
<b>SSKC R/L 12CA-12</b>	40	16	12	55	35	20	14,0	1204..
<b>SSKC R/L 16CA-12</b>	50	20	16	63	38	25	17,5	1204..



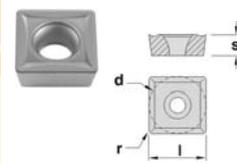
REF.



<b>SSKC R/L 10CA-09</b>	140	515	118	154	502	286	192	504
<b>SSKC R/L 12CA-12</b>	150	520	118	157	525	286	186	504
<b>SSKC R/L 16CA-12</b>	150	520	119	157	525	288	190	505

REF.

l	s	d	
<b>SC.. 09T3..</b>	9,52	3,97	9,52
<b>SC.. 1204..</b>	12,70	4,76	12,70

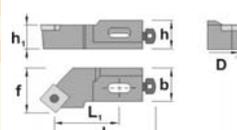


For more information see page: A.47,48

**SSSC 45°**



REF.	D	h	h1	L	L1	f	b	SC..
<b>SSSC R/L 10CA-09</b>	30	14	10	44	24	14	10,0	09T3..
<b>SSSC R/L 12CA-12</b>	40	16	12	47	27	20	14,0	1204..
<b>SSSC R/L 16CA-12</b>	50	20	16	53	28	25	17,5	1204..



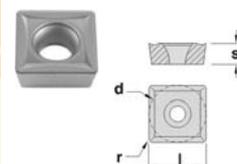
REF.



<b>SSSC R/L 10CA-09</b>	140	515	118	154	502	286	192	504
<b>SSSC R/L 12CA-12</b>	150	520	118	157	525	286	186	504
<b>SSSC R/L 16CA-12</b>	150	520	119	157	525	288	190	505

REF.

l	s	d	
<b>SC.. 09T3..</b>	9,52	3,97	9,52
<b>SC.. 1204..</b>	12,70	4,76	12,70



For more information see page: A.47,48

Inserts

Turning

Automatic lathes

Ceramic tools

Parting & grooving

Threading

Drills

Cartridges

Brazed tools

Milling cutters

Solid carbide

Boring heads

Arbors & adaptors

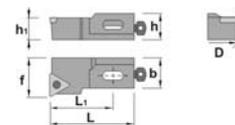


Inserts

**STFC 90°**



REF.	D	h	h1	L	L1	f	b	TC..
<b>STFC R/L 08CA-11</b>	25	8	8	36	15	10	7,0	1102..
<b>STFC R/L 10CA-11</b>	30	14	10	50	30	14	10,0	1102..
<b>STFC R/L 12CA-16</b>	40	16	12	55	35	20	14,0	16T3..
<b>STFC R/L 16CA-16</b>	50	20	16	63	38	25	17,5	16T3..

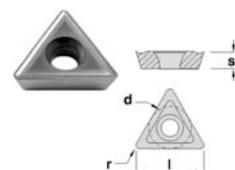


Turning

Automatic lathes

REF.								
<b>STFC R/L 08CA-11</b>	125	507	116	153	515	294	184	525
<b>STFC R/L 10CA-11</b>	125	507	118	154	502	286	192	504
<b>STFC R/L 12CA-16</b>	140	515	118	157	525	286	186	504
<b>STFC R/L 16CA-16</b>	140	515	119	157	525	288	190	505

REF.	l	s	d
<b>TC.. 1102..</b>	11,00	2,38	6,35
<b>TC.. 16T3..</b>	16,50	3,97	9,52



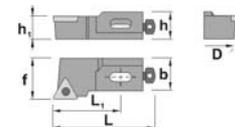
For more information see page: A.51,52

Ceramic tools

**STGC 90°**



REF.	D	h	h1	L	L1	f	b	TC..
<b>STGC R/L 10CA-11</b>	30	14	10	50	30	14	10,0	1102..
<b>STGC R/L 12CA-16</b>	40	16	12	55	35	20	14,0	16T3..
<b>STGC R/L 16CA-16</b>	50	20	16	63	38	25	17,5	16T3..

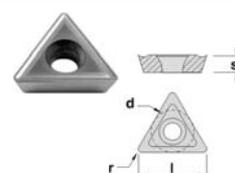


Parting & grooving

Threading

REF.								
<b>STGC R/L 10CA-11</b>	125	507	118	154	502	286	192	504
<b>STGC R/L 12CA-16</b>	140	515	118	157	525	286	186	504
<b>STGC R/L 16CA-16</b>	140	515	119	157	525	288	190	505

REF.	l	s	d
<b>TC.. 1102..</b>	11,00	2,38	6,35
<b>TC.. 16T3..</b>	16,50	3,97	9,52



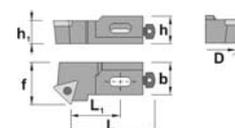
For more information see page: A.51,52

Drills

**STSC 45°**



REF.	D	h	h1	L	L1	f	b	TC..
<b>STSC R/L 08CA-11</b>	25	8	8	27	16	10	7,0	1102..
<b>STSC R/L 10CA-11</b>	30	14	10	44	24	14	10,0	1102..
<b>STSC R/L 12CA-16</b>	40	16	12	47	27	20	14,0	16T3..
<b>STSC R/L 16CA-16</b>	50	20	16	53	28	25	17,5	16T3..

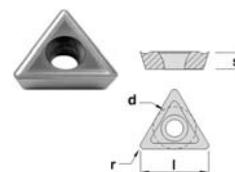


Cartridges

Brazed tools

REF.								
<b>STSC R/L 08CA-11</b>	125	507	116	153	515	294	184	525
<b>STSC R/L 10CA-11</b>	125	507	118	154	502	286	192	504
<b>STSC R/L 12CA-16</b>	140	515	118	157	525	286	186	504
<b>STSC R/L 16CA-16</b>	140	515	119	157	525	288	190	505

REF.	l	s	d
<b>TC.. 1102..</b>	11,00	2,38	6,35
<b>TC.. 16T3..</b>	16,50	3,97	9,52



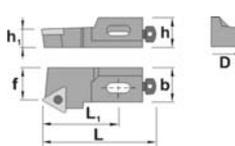
For more information see page: A.51,52

Milling cutters

**STTC 60°**



REF.	D	h	h1	L	L1	f	b	TC..
<b>STTC R/L 08CA-11</b>	25	8	8	27	15	6	7,0	1102..
<b>STTC R/L 10CA-11</b>	30	14	10	50	30	9	10,0	1102..
<b>STTC R/L 12CA-16</b>	40	16	12	55	35	13	14,0	16T3..
<b>STTC R/L 16CA-16</b>	50	20	16	63	38	15	17,5	16T3..

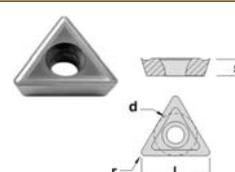


Solid carbide

Boring heads

REF.								
<b>STTC R/L 08CA-11</b>	125	507	116	153	515	294	184	525
<b>STTC R/L 10CA-11</b>	125	507	118	154	502	286	192	504
<b>STTC R/L 12CA-16</b>	140	515	118	157	525	286	186	504
<b>STTC R/L 16CA-16</b>	140	515	119	157	525	288	190	505

REF.	l	s	d
<b>TC.. 1102..</b>	11,00	2,38	6,35
<b>TC.. 16T3..</b>	16,50	3,97	9,52



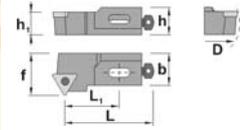
For more information see page: A.51,52

Arbors & adaptors

**STWC 60°**

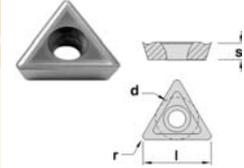


REF.	D	h	h1	L	L1	f	b	TC..
<b>STWC R/L 08CA-11</b>	25	8	8	27	16	10	7,0	1102..
<b>STWC R/L 10CA-11</b>	30	14	10	44	24	14	10,0	1102..
<b>STWC R/L 12CA-16</b>	40	16	12	47	27	20	14,0	16T3..
<b>STWC R/L 16CA-16</b>	50	20	16	53	28	25	17,5	16T3..



REF.								
<b>STWC R/L 08CA-11</b>	125	507	116	153	515	294	184	525
<b>STWC R/L 10CA-11</b>	125	507	118	154	502	286	192	504
<b>STWC R/L 12CA-16</b>	140	515	118	157	525	286	186	504
<b>STWC R/L 16CA-16</b>	140	515	119	157	525	288	190	505

REF.	l	s	d
<b>TC.. 1102..</b>	11,00	2,38	6,35
<b>TC.. 16T3..</b>	16,50	3,97	9,52



For more information see page: A.51,52

Inserts

Turning

Automatic lathes

Ceramic tools

Parting & grooving

Threading

Drills

Cartridges

Brazed tools

Milling cutters

Solid carbide

Boring heads

Arbors & adaptors