

Technical information
Information technique
Technische Auskunft

E02

Applications
Applications
Anwendungen

E03

Toolholders
Porte-outils
Klemmhalter

E04

Boring bars
Barres d'alésage
Bohrstangen

E10

Inserts

Turning

Automatic
lathes

Ceramic
tools

Parting &
grooving

Threading

Drills

Cartridges

Brazed
tools

Milling
cutters

Solid
carbide

Boring
heads

Arbors &
adaptors

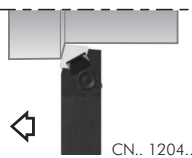
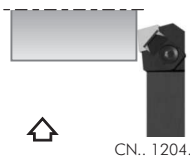
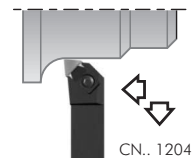
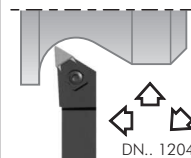
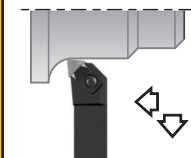
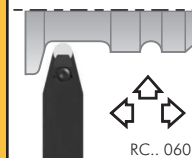
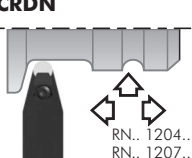
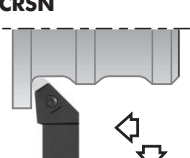
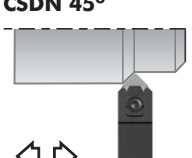
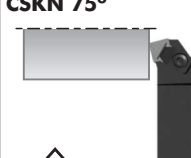
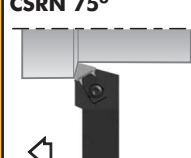
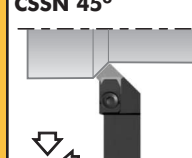
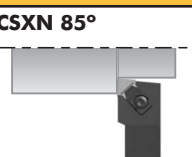

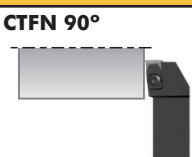
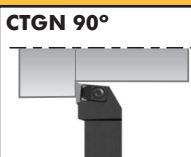
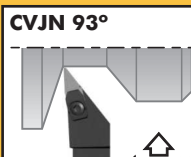
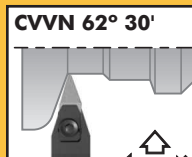
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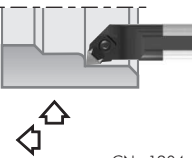
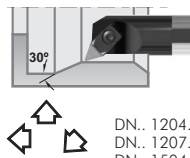
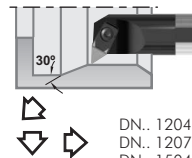
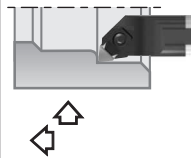
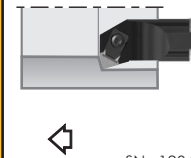
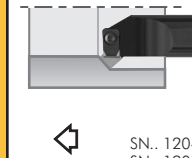
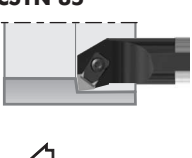
CD



Toolholders - Porte-outils - Klemmhalter

<p>CCBN 75°</p>  <p>Page E.04</p> <p>CN.. 1204.. CN.. 1207.. CN.. 1607..</p>	<p>CCKN 75°</p>  <p>Page E.04</p> <p>CN.. 1204.. CN.. 1207.. CN.. 1607..</p>	<p>CCLN 95°</p>  <p>Page E.04</p> <p>CN.. 1204.. CN.. 1207.. CN.. 1607..</p>	<p>CDJN 93°</p>  <p>Page E.05</p> <p>DN.. 1204.. DN.. 1207.. DN.. 1607..</p>	<p>CELN 97° 30'</p>  <p>Page E.05</p> <p>EN.. 1307..</p>	<p>CRDC</p>  <p>Page E.05</p> <p>RC.. 0607.. RC.. 1907..</p>
<p>CRDN</p>  <p>Page E.06</p> <p>RN.. 1204.. RN.. 1207.. RN.. 1507.. RN.. 1907.. RN.. 2507..</p>	<p>CRSN</p>  <p>Page E.06</p> <p>RN.. 1204.. RN.. 1207..</p>	<p>CSDN 45°</p>  <p>Page E.06</p> <p>SN.. 120.. SN.. 1507..</p>	<p>CSKN 75°</p>  <p>Page E.07</p> <p>SN.. 1204.. SN.. 1507..</p>	<p>CSRN 75°</p>  <p>Page E.07</p> <p>SN.. 120.. SN.. 1507..</p>	<p>CSSN 45°</p>  <p>Page E.07</p> <p>SN.. 1204.. SN.. 1507..</p>
<p>CSXN 85°</p>  <p>Page E.08</p> <p>SN.. 120.. SN.. 1507..</p>	<p>CSYN 85°</p>  <p>Page E.08</p> <p>SN.. 120.. SN.. 1507..</p>	<p>CTFN 90°</p>  <p>Page E.08</p> <p>TN.. 1604.. TN.. 1607..</p>	<p>CTGN 90°</p>  <p>Page E.09</p> <p>TN.. 1604.. TN.. 1607..</p>	<p>CVJN 93°</p>  <p>Page E.09</p> <p>VN.. 1604.. VN.. 1607..</p>	<p>CVVN 62° 30'</p>  <p>Page E.09</p> <p>VN.. 1604.. VN.. 1607..</p>

Boring bars - Barres d'alésage - Bohrstangen

<p>CCLN 95°</p>  <p>Page E.10</p> <p>CN.. 1204.. CN.. 1207..</p>	<p>CDQN 107° 30'</p>  <p>Page E.10</p> <p>DN.. 1204.. DN.. 1207.. DN.. 1504.. DN.. 1507..</p>	<p>CDUN 93°</p>  <p>Page E.10</p> <p>DN.. 1204.. DN.. 1207.. DN.. 1504.. DN.. 1507..</p>	<p>CELN 97° 30'</p>  <p>Page E.11</p> <p>EN.. 1307..</p>	<p>CSKN 75°</p>  <p>Page E.11</p> <p>SN.. 1204.. SN.. 1207..</p>	<p>CSSN 45°</p>  <p>Page E.11</p> <p>SN.. 1204.. SN.. 1207.. SN.. 1507..</p>
<p>CSYN 85°</p>  <p>Page E.12</p> <p>SN.. 1204.. SN.. 1207..</p>					

Inserts

Turning

Automatic lathes

Ceramic tools

Parting & grooving

Threading

Drills

Cartridges

Brazed tools

Milling cutters

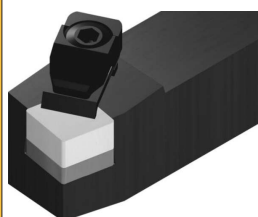
Solid carbide

Boring heads

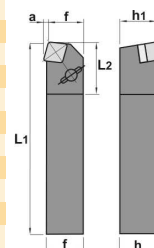
Arbors & adaptors

Inserts

CCBN 75°



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CCBN R/L 2525 M12-7CD	25	25	150	32	22	3,10	1207..	ICSN-434	470	944	247	-	504
CCBN R/L 3225 P12-4CD	32	25	170	32	22	3,10	1204..	ICSN-454	470	944	247	-	504
CCBN R/L 3225 P12-7CD	32	25	170	32	22	3,10	1207..	ICSN-434	470	944	247	-	504
CCBN R/L 2525 M16-CD	25	25	150	35	27	3,82	1607..	ICSN-533	472	944	247	-	504
CCBN R/L 3225 P16-CD	32	25	170	35	27	3,82	1607..	ICSN-533	472	944	247	-	504
CCBN R/L 2525 M12-4CX	25	25	150	32	22	3,10	1204..	ICSN-454	470	-	-	271	504
CCBN R/L 2525 M12-7CX	25	25	150	32	22	3,10	1207..	ICSN-434	470	-	-	271	504
CCBN R/L 3225 P12-4CX	32	25	170	32	22	3,10	1204..	ICSN-454	470	-	-	271	504
CCBN R/L 3225 P12-7CX	32	25	170	32	22	3,10	1207..	ICSN-434	470	-	-	271	504
CCBN R/L 2525 M16-CX	25	25	150	35	27	3,82	1607..	ICSN-533	472	-	-	245	504
CCBN R/L 3225 P16-CX	32	25	170	35	27	3,82	1607..	ICSN-533	472	-	-	245	504



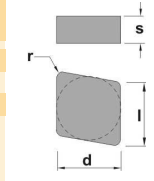
Turning

Automatic lathes

Ceramic tools



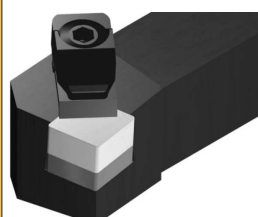
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CN.. 1207..	12,90	7,94	12,70
CN.. 1607..	16,10	7,94	15,88



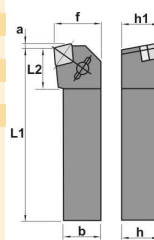
For more information see page: A.76

Parting & grooving

CCKN 75°



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CCKN R/L 2525 M12-7CD	25	25	150	29	32	3,10	1207..	ICSN-434	470	944	247	-	504
CCKN R/L 3225 P12-4CD	32	25	170	29	32	3,10	1204..	ICSN-454	470	944	247	-	504
CCKN R/L 3225 P12-7CD	32	25	170	29	32	3,10	1207..	ICSN-434	470	944	247	-	504
CCKN R/L 2525 M12-4CX	25	25	150	29	32	3,10	1204..	ICSN-454	470	-	-	271	504
CCKN R/L 2525 M12-7CX	25	25	150	29	32	3,10	1207..	ICSN-434	470	-	-	271	504
CCKN R/L 3225 P12-4CX	32	25	170	29	32	3,10	1204..	ICSN-454	470	-	-	271	504
CCKN R/L 3225 P12-7CX	32	25	170	29	32	3,10	1207..	ICSN-434	470	-	-	271	504



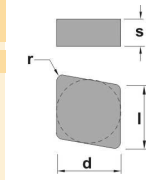
Threading

Drills

Cartridges



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CN.. 1207..	12,90	7,94	12,70

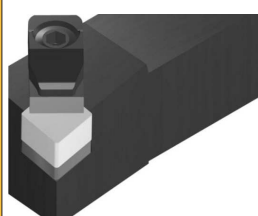


For more information see page: A.76

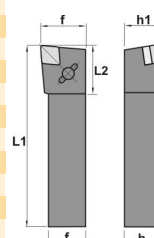
Brazed tools

Milling cutters

CCLN 95°



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CCLN R/L 2525 M12-7CD	25	25	150	35	32	1207..	ICSN-434	470	944	247	-	504
CCLN R/L 3225 P12-4CD	32	25	170	35	32	1204..	ICSN-454	470	944	247	-	504
CCLN R/L 3225 P12-7CD	32	25	170	35	32	1207..	ICSN-434	470	944	247	-	504
CCLN R/L 2525 M16-CD	25	25	150	35	32	1607..	ICSN-533	472	944	247	-	504
CCLN R/L 3225 P16-CD	32	25	170	35	32	1607..	ICSN-533	472	944	247	-	504
CCLN R/L 2525 M12-4CX	25	25	150	35	32	1204..	ICSN-454	470	-	-	245	504
CCLN R/L 2525 M12-7CX	25	25	150	35	32	1207..	ICSN-434	470	-	-	245	504
CCLN R/L 3225 P12-4CX	32	25	170	35	32	1204..	ICSN-454	470	-	-	245	504
CCLN R/L 3225 P12-7CX	32	25	170	35	32	1207..	ICSN-434	470	-	-	245	504
CCLN R/L 2525 M16-CX	25	25	150	35	32	1607..	ICSN-533	472	-	-	252	504
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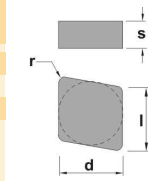
Solid carbide

Boring heads

Arbors & adaptors

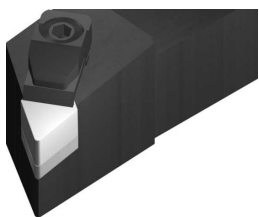


REF.	l	s	d
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CN.. 1207..	12,90	7,94	12,70
CN.. 1607..	16,10	7,94	15,88

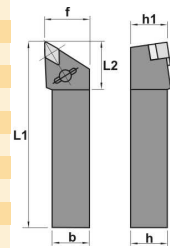


For more information see page: A.76

CDJN 93°



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CDJN R/L 2525 M12-7CD	25	25	150	38	32	1207..	370	130	946	243	-	504
CDJN R/L 3225 P12-4CD	32	25	170	38	32	1204..	379	130	946	243	-	504
CDJN R/L 3225 P12-7CD	32	25	170	38	32	1207..	370	130	946	243	-	504
CDJN R/L 2525 M15-CD	25	25	150	38	32	1507..	IDSN-432	470	946	247	-	504
CDJN R/L 3225 P15-CD	32	25	170	38	32	1507..	IDSN-432	470	946	247	-	504
CDJN R/L 2525 M12-4CX	25	25	150	38	32	1204..	379	130	-	-	245	504
CDJN R/L 2525 M12-7CX	25	25	150	38	32	1207..	370	130	-	-	245	504
CDJN R/L 3225 P12-4CX	32	25	170	38	32	1204..	379	130	-	-	245	504
CDJN R/L 3225 P12-7CX	32	25	170	38	32	1207..	370	130	-	-	245	504
CDJN R/L 2525 M15-CX	25	25	150	38	32	1507..	IDSN-432	470	-	-	252	504
CDJN R/L 3225 P15-CX	32	25	170	38	32	1507..	IDSN-432	470	-	-	252	504



Inserts

Turning

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Cartridges

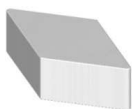
Brazed tools

Milling cutters

Solid carbide

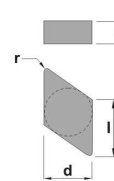
Boring heads

Arbors & adaptors

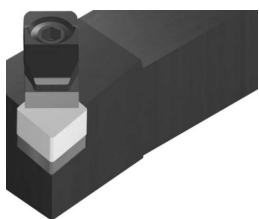


REF.	l	s	d
DN.. 1204..	13,05	4,76	10,70
DN.. 1207..	13,05	7,94	10,70
DN.. 1507..	15,50	7,94	12,70

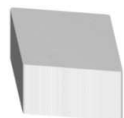
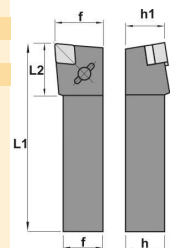
For more information see page: A.76



CELN 97° 30'

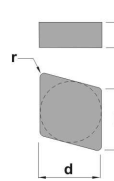


REF.	h=h1	b	L1	L2	f	EN..						
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CELN R/L 2525 M13-CD	25	25	150	32	32	1307..	IESN-432	470	944	243	-	504
CELN R/L 3225 P13-CD	32	25	170	32	32	1307..	IESN-432	470	944	243	-	504
CELN R/L 2020 K13-CX	20	20	125	32	25	1307..	IESN-432	470	-	-	245	504
CELN R/L 2525 M13-CX	25	25	150	32	32	1307..	IESN-432	470	-	-	245	504
CELN R/L 3225 P13-CX	32	25	170	32	32	1307..	IESN-432	470	-	-	245	504

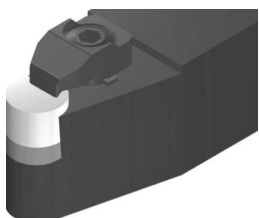


REF.	l	s	d
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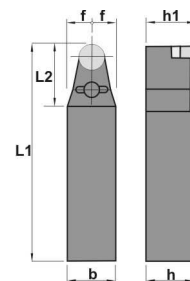
For more information see page: A.77



CRDC

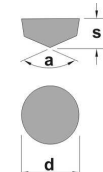


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CRDC N 2525 M09-CD	25	25	150	20	12,5	0907..	387	125	229	503		
CRDC N 3225 P09-CD	32	25	170	20	12,5	0907..	387	125	229	503		
CRDC N 2525 M12-CD	25	25	150	25	12,5	1207..	388	130	229	503		
CRDC N 3225 P12-CD	32	25	170	25	12,5	1207..	388	130	229	503		
CRDC N 2525 M15-CD	25	25	150	30	12,5	1510..	389	130 (x2)	244	504		
CRDC N 3225 P15-CD	32	25	170	30	12,5	1510..	389	130 (x2)	244	504		
CRDC N 3225 P19-CD	32	25	170	42	12,5	1910..	390	130 (x2)	244	504		
CRDC N 3232 P19-CD	32	32	170	42	16,0	1910..	390	130 (x2)	244	504		
CRDC N 3232 P25-CD	32	32	170	45	16,0	2512..	335	130 (x2)	247	504		



REF.	a	s	d
RCGX 0607..	120°	7,94	6,35
RCGX 0907..	120°	7,94	9,52
RCGX 1207..	120°	7,94	12,70
RCGX 1510..	120°	10,00	15,87
RCGX 1910..	120°	10,00	19,05
RCGX 2512..	140°	12,00	25,40

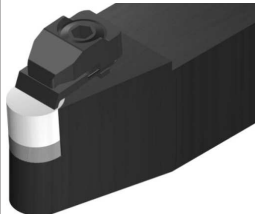
For more information...: A.77



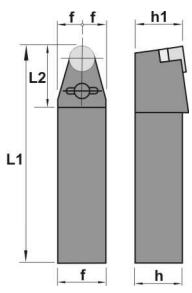
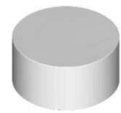


- Inserts
- Turning
- Automatic lathes
- Ceramic tools
- Parting & grooving
- Threading
- Drills
- Cartridges
- Brazed tools
- Milling cutters
- Solid carbide
- Boring heads
- Arbors & adaptors

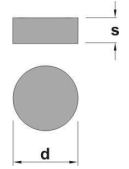
CRDN



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CRDN N 2525 M12-7CD	25	25	150	32	12,5	1207..	IRSN-43	470	243	944	504
CRDN N 3225 P12-4CD	32	25	170	32	12,5	1204..	IRSN-45	470	243	944	504
CRDN N 3225 P12-7CD	32	25	170	32	12,5	1207..	IRSN-43	470	243	944	504
CRDN N 2525 M15-7CD	25	25	150	32	12,5	1507..	IRSN-53	472	247	944	504
CRDN N 3225 P15-7CD	32	25	170	32	12,5	1507..	IRSN-53	472	247	944	504
CRDN N 3225 P19-7CD	32	25	170	32	12,5	1907..	390	478	247	944	504
CRDN N 3232 P25-7CD	32	32	170	32	16,0	2507..	IRSN-84	478	247	944	504

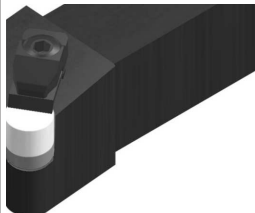



REF.	l	s	d
RNGN 1204..	-	4,76	12,70
RNGN 1207..	-	7,94	12,70
RNGN 1507..	-	7,94	15,88
RNGN 1907..	-	7,94	19,05
RNGN 2507..	-	7,94	25,40

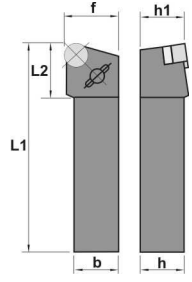
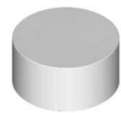


For more information see page: A.78

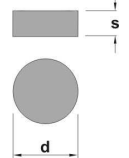
CRSN



REF.	h=h1	b	L1	L2	f	RNGN					
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CRSN R/L 2525 M12-7CD	25	25	150	28	32	1207..	IRSN-43	470	243	944	504
CRSN R/L 3225 P12-4CD	32	25	170	28	32	1204..	IRSN-45	470	243	944	504
CRSN R/L 3225 P12-7CD	32	25	170	28	32	1207..	IRSN-43	470	243	944	504





REF.	l	s	d
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RNGN 1207..	-	7,94	12,70

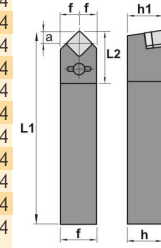



For more information see page: A.78

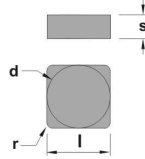
CSDN 45°



REF.	h=h1	b	L1	L2	f	a	SN..						
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CSDN N 2525 M12-7CD	25	25	150	35	12,5	8,32	1207..	ISSN-432	470	944	247	-	504
CSDN N 3225 P12-4CD	32	25	170	35	12,5	8,32	1204..	ISSN-452	470	944	247	-	504
CSDN N 3225 P12-7CD	32	25	170	35	12,5	8,32	1207..	ISSN-432	470	944	247	-	504
CSDN N 2525 M15-CD	25	25	150	38	12,5	10,23	1507..	ISSN-533	472	944	247	-	504
CSDN N 3225 P15-CD	32	25	170	38	12,5	10,23	1507..	ISSN-533	472	944	247	-	504
CSDN N 2525 M12-4CX	25	25	150	35	12,5	8,32	1204..	ISSN-452	470	-	-	245	504
CSDN N 2525 M12-7CX	25	25	150	35	12,5	8,32	1207..	ISSN-432	470	-	-	245	504
CSDN N 3225 P12-4CX	32	25	170	35	12,5	8,32	1204..	ISSN-452	470	-	-	245	504
CSDN N 3225 P12-7CX	32	25	170	35	12,5	8,32	1207..	ISSN-432	470	-	-	245	504
CSDN N 2525 M15-CX	25	25	150	38	12,5	10,23	1507..	ISSN-533	472	-	-	245	504
CSDN N 3225 P15-CX	32	25	170	38	12,5	10,23	1507..	ISSN-533	472	-	-	245	504

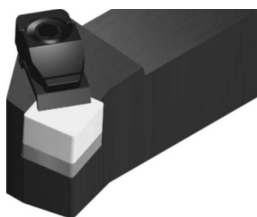



REF.	l	s	d
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SN.. 1207..	12,70	7,94	12,70
SN.. 1507..	15,87	7,94	15,87

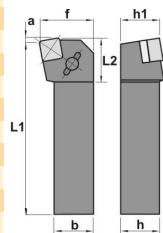


For more information see page: A.78

CSKN 75°



REF.	h=h1	b	L1	L2	f	a	SN..	[Icons: Drill, Tap, Mill, Turn, Groove]					
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CSKN R/L 2525 M12-7CD	25	25	150	27	32	3,06	1207..	ISSN-432	470	944	247	-	504
CSKN R/L 3225 P12-4CD	32	25	170	27	32	3,06	1204..	ISSN-452	470	944	247	-	504
CSKN R/L 3225 P12-7CD	32	25	170	27	32	3,06	1207..	ISSN-432	470	944	247	-	504
CSKN R/L 2525 M15-CD	25	25	150	28	32	3,77	1507..	ISSN-533	472	944	247	-	504
CSKN R/L 3225 P15-CD	32	25	170	28	32	3,77	1507..	ISSN-533	472	944	247	-	504
CSKN R/L 2525 M12-4CX	25	25	150	27	32	3,06	1204..	ISSN-452	470	-	-	245	504
CSKN R/L 2525 M12-7CX	25	25	150	27	32	3,06	1207..	ISSN-432	470	-	-	245	504
CSKN R/L 3225 P12-4CX	32	25	170	27	32	3,06	1207..	ISSN-452	470	-	-	245	504
CSKN R/L 3225 P12-7CX	32	25	170	27	32	3,06	1207..	ISSN-432	470	-	-	245	504
CSKN R/L 2525 M15-CX	25	25	150	28	32	3,77	1507..	ISSN-533	472	-	-	245	504
CSKN R/L 3225 P15-CX	32	25	170	28	32	3,77	1507..	ISSN-533	472	-	-	245	504
CSKN R/L 4040 P15-CX	40	40	170	28	50	3,77	1507..	ISSN-533	472	-	-	245	504



Inserts

Turning

Automatic lathes

Ceramic tools

Parting & grooving

Threading

Drills

Cartridges

Brazed tools

Milling cutters

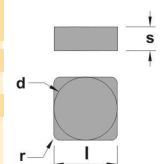
Solid carbide

Boring heads

Arbors & adaptors

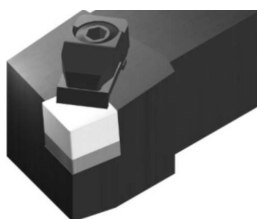


REF.	l	s	d
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SN.. 1207..	12,70	7,94	12,70
SN.. 1507..	15,87	7,94	15,87

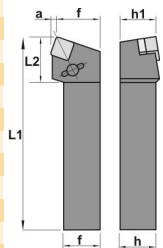


For more information see page: A.78

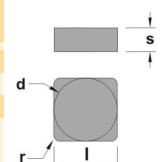
CSRN 75°



REF.	h=h1	b	L1	L2	f	a	SN..	[Icons: Drill, Tap, Mill, Turn, Groove]					
CSRN R/L 2525 M12-4CD	25	25	150	32	27	3,06	1204..	ISSN-452	470	944	247	-	504
CSRN R/L 2525 M12-7CD	25	25	150	32	27	3,06	1207..	ISSN-432	470	944	247	-	504
CSRN R/L 3225 P12-4CD	32	25	170	32	27	3,06	1204..	ISSN-452	470	944	247	-	504
CSRN R/L 3225 P12-7CD	32	25	170	32	27	3,06	1207..	ISSN-432	470	944	247	-	504
CSRN R/L 2525 M15-CD	25	25	150	34	27	3,77	1507..	ISSN-533	472	944	247	-	504
CSRN R/L 3225 P15-CD	32	25	170	34	27	3,77	1507..	ISSN-533	472	944	247	-	504
CSRN R/L 3232 P19-CD	32	32	170	34	27	4,50	1907..	ISSN-634	473	944	247	-	504
CSRN R/L 4040 P19-CD	40	40	170	34	27	4,50	1907..	ISSN-634	478	944	247	-	504
CSRN R/L 2525 M12-4CX	25	25	150	32	27	3,06	1204..	ISSN-452	470	-	-	245	504
CSRN R/L 2525 M12-7CX	25	25	150	32	27	3,06	1207..	ISSN-432	470	-	-	245	504
CSRN R/L 3225 P12-4CX	32	25	170	32	27	3,06	1204..	ISSN-452	470	-	-	245	504
CSRN R/L 3225 P12-7CX	32	25	170	32	27	3,06	1207..	ISSN-432	470	-	-	245	504
CSRN R/L 2525 M15-CX	25	25	150	34	27	3,77	1507..	ISSN-533	472	-	-	245	504
CSRN R/L 3225 P15-CX	32	25	170	34	27	3,77	1507..	ISSN-533	472	-	-	245	504

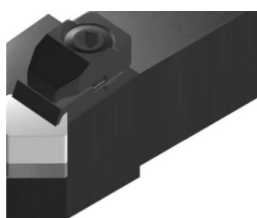


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SN.. 1207..	12,70	7,94	12,70
SN.. 1507..	15,87	7,94	15,87

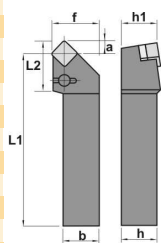


For more information see page: A.78

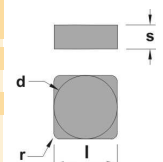
CSSN 45°



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CSSN R/L 2525 M12-7CD	25	25	150	35	32	8,32	1207..	ISSN-432	470	944	247	-	504
CSSN R/L 3225 P12-4CD	32	25	170	35	32	8,32	1204..	ISSN-452	470	944	247	-	504
CSSN R/L 3225 P12-7CD	32	25	170	35	32	8,32	1207..	ISSN-432	470	944	247	-	504
CSSN R/L 2525 M15-CD	25	25	150	37	32	10,23	1507..	ISSN-533	472	944	247	-	504
CSSN R/L 3225 P15-CD	32	25	170	37	32	10,23	1507..	ISSN-533	472	944	247	-	504
CSSN R/L 3232 P19-CD	32	32	170	37	32	12,50	1907..	ISSN-634	478	944	247	-	504
CSSN R/L 4040 P19-CD	40	40	170	37	32	12,50	1907..	ISSN-634	478	944	247	-	504
CSSN R/L 2525 M12-4CX	25	25	150	35	32	8,32	1204..	ISSN-452	470	-	-	245	504
CSSN R/L 2525 M12-7CX	25	25	150	35	32	8,32	1207..	ISSN-432	470	-	-	245	504
CSSN R/L 3225 P12-4CX	32	25	170	35	32	8,32	1204..	ISSN-452	470	-	-	245	504
CSSN R/L 3225 P12-7CX	32	25	170	35	32	8,32	1207..	ISSN-432	470	-	-	245	504
CSSN R/L 2525 M15-CX	25	25	150	37	32	10,23	1507..	ISSN-533	472	-	-	245	504
CSSN R/L 3225 P15-CX	32	25	170	37	32	10,23	1507..	ISSN-533	472	-	-	245	504



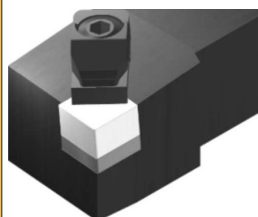
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SN.. 1207..	12,70	7,94	12,70
SN.. 1507..	15,87	7,94	15,87



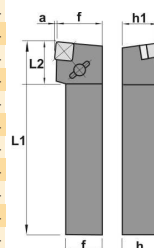
For more information see page: A.78

Inserts

CSXN 85°



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CSXN R/L 2525 M12-4CD	25	25	150	30	32	1,03	1204..	ISSN-452	470	944	247	-	504
CSXN R/L 2525 M12-7CD	25	25	150	30	32	1,03	1207..	ISSN-432	470	944	247	-	504
CSXN R/L 3225 P12-4CD	32	25	170	30	32	1,03	1204..	ISSN-452	470	944	247	-	504
CSXN R/L 3225 P12-7CD	32	25	170	30	32	1,03	1207..	ISSN-432	470	944	247	-	504
CSXN R/L 2525 M15-CD	25	25	150	33	32	1,38	1507..	ISSN-533	472	944	247	-	504
CSXN R/L 3225 P15-CD	32	25	170	33	32	1,38	1507..	ISSN-533	472	944	247	-	504
CSXN R/L 2525 M12-4CX	25	32	150	30	32	1,03	1204..	ISSN-452	470	-	-	245	504
CSXN R/L 2525 M12-7CX	25	40	150	30	32	1,03	1207..	ISSN-432	470	-	-	245	504
CSXN R/L 3225 P12-4CX	32	25	170	30	32	1,03	1204..	ISSN-452	470	-	-	245	504
CSXN R/L 3225 P12-7CX	32	25	170	30	32	1,03	1207..	ISSN-432	470	-	-	245	504
CSXN R/L 2525 M15-CX	25	25	150	33	32	1,38	1507..	ISSN-533	472	-	-	245	504
CSXN R/L 3225 P15-CX	32	25	170	33	32	1,38	1507..	ISSN-533	472	-	-	245	504



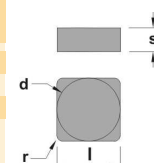
Turning

Automatic lathes

Ceramic tools



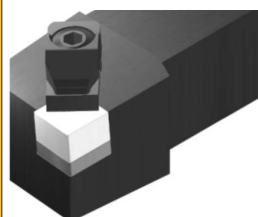
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SN.. 1207..	12,70	7,94	12,70
SN.. 1507..	15,87	7,94	15,87



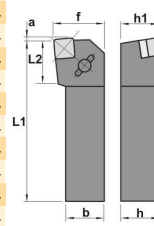
For more information see page: A.78

Parting & grooving

CSYN 85°



REF.	h=h1	b	L1	L2	f	α	SN..	ISSN-452 470 944 247 - 504					
CSYN R/L 2525 M12-4CD	25	25	150	27	32	1,03	1204..	ISSN-452	470	944	247	-	504
CSYN R/L 2525 M12-7CD	25	25	150	27	32	1,03	1207..	ISSN-432	470	944	247	-	504
CSYN R/L 3225 P12-4CD	32	25	170	27	32	1,03	1204..	ISSN-452	470	944	247	-	504
CSYN R/L 3225 P12-7CD	32	25	170	27	32	1,03	1207..	ISSN-432	470	944	247	-	504
CSYN R/L 2525 M15-CD	25	25	150	27	32	1,38	1507..	ISSN-533	472	944	247	-	504
CSYN R/L 3225 P15-CD	32	25	170	27	32	1,38	1507..	ISSN-533	472	944	247	-	504
CSYN R/L 2525 M12-4CX	25	32	150	27	32	1,03	1204..	ISSN-452	470	-	-	245	504
CSYN R/L 2525 M12-7CX	25	40	150	27	32	1,03	1207..	ISSN-432	470	-	-	245	504
CSYN R/L 3225 P12-4CX	32	25	170	27	32	1,03	1204..	ISSN-452	470	-	-	245	504
CSYN R/L 3225 P12-7CX	32	25	170	27	32	1,03	1207..	ISSN-432	470	-	-	245	504
CSYN R/L 2525 M15-CX	25	25	150	27	32	1,38	1507..	ISSN-533	472	-	-	245	504
CSYN R/L 3225 P15-CX	32	25	170	27	32	1,38	1507..	ISSN-533	472	-	-	245	504



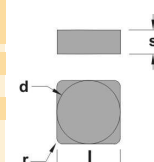
Threading

Drills

Cartridges



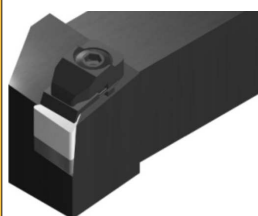
REF.	l	s	d
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SN.. 1207..	12,70	7,94	12,70
SN.. 1507..	15,87	7,94	15,87



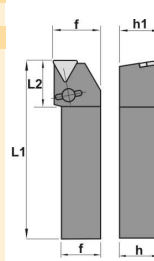
For more information see page: A.78

Brazed tools

CTFN 90°



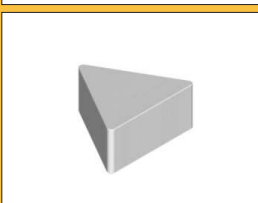
REF.	h=h1	b	L1	L2	f	TNGN	ITSN-342 465 946 243 504				
CTFN R/L 2525 M16-4CD	25	25	150	29	32	1604..	ITSN-342	465	946	243	504
CTFN R/L 2525 M16-7CD	25	25	150	29	32	1607..	ITSN-322	465	946	243	504
CTFN R/L 3225 P16-4CD	32	25	170	29	32	1604..	ITSN-342	465	946	243	504
CTFN R/L 3225 P16-7CD	32	25	170	29	32	1607..	ITSN-322	465	946	243	504



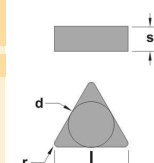
Milling cutters

Solid carbide

Boring heads



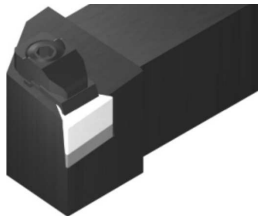
REF.	l	s	d
TNGN 1604..	16,50	4,76	9,52
TNGN 1607..	16,50	7,94	9,52



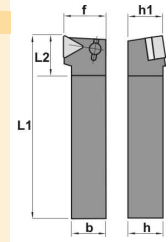
For more information see page: A.79

Arbors & adaptors

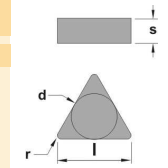
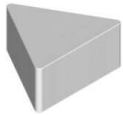
CTGN 90°



REF.	h=h1	b	L1	L2	f	TNGN	[Icons]				
CTGN R/L 2525 M16-4CD	25	25	150	20	32	1604..	ITSN-342	465	946	243	504
CTGN R/L 2525 M16-7CD	25	25	150	20	32	1607..	ITSN-322	465	946	243	504
CTGN R/L 3225 P16-4CD	32	25	170	20	32	1604..	ITSN-342	465	946	243	504
CTGN R/L 3225 P16-7CD	32	25	170	20	32	1607..	ITSN-322	465	946	243	504

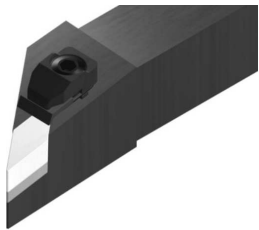


REF.	l	s	d
TNGN 1604..	16,50	4,76	9,52
TNGN 1607..	16,50	7,94	9,52

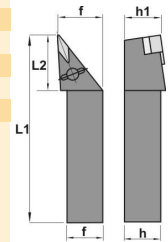


For more information see page: A.79

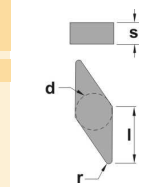
CVJN 93°



REF.	h=h1	b	L1	L2	f	VN..	[Icons]				
CVJN R/L 2525 M16-4CD	25	25	150	41	32	1604..	IVSN-342	465	946	247	- 504
CVJN R/L 2525 M16-7CD	25	25	150	41	32	1607..	IVSN-322	465	946	247	- 504
CVJN R/L 3225 P16-4CD	32	25	170	41	32	1604..	IVSN-342	465	946	247	- 504
CVJN R/L 3225 P16-7CD	32	25	170	41	32	1607..	IVSN-322	465	946	247	- 504
CVJN R/L 2525 M16-4CX	25	25	150	41	32	1604..	IVSN-342	465	-	-	248 504
CVJN R/L 2525 M16-7CX	25	25	150	41	32	1607..	IVSN-322	465	-	-	248 504
CVJN R/L 3225 P16-4CX	32	25	170	41	32	1604..	IVSN-342	465	-	-	248 504
CVJN R/L 3225 P16-7CX	32	25	170	41	32	1607..	IVSN-322	465	-	-	248 504

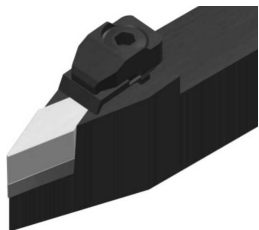


REF.	l	s	d
VN.. 1604..	16,50	4,76	9,52
VN.. 1607..	16,50	7,94	9,52

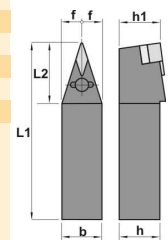


For more information see page: A.79

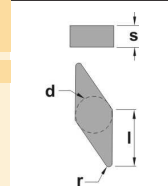
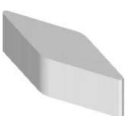
CVVN 62° 30'



REF.	h=h1	b	L1	L2	f	VN..	[Icons]				
CVVN N 2525 M16-4CD	25	25	150	45	12,5	1604..	IVSN-342	465	946	247	- 504
CVVN N 2525 M16-7CD	25	25	150	45	12,5	1607..	IVSN-322	465	946	247	- 504
CVVN N 3225 P16-4CD	32	25	170	45	12,5	1604..	IVSN-342	465	946	247	- 504
CVVN N 3225 P16-7CD	32	25	170	45	12,5	1607..	IVSN-322	465	946	247	- 504
CVVN N 2525 M16-4CX	25	25	150	45	12,5	1604..	IVSN-342	465	-	-	248 504
CVVN N 2525 M16-7CX	25	25	150	45	12,5	1607..	IVSN-322	465	-	-	248 504
CVVN N 3225 P16-4CX	32	25	170	45	12,5	1604..	IVSN-342	465	-	-	248 504
CVVN N 3225 P16-7CX	32	25	170	45	12,5	1607..	IVSN-322	465	-	-	248 504



REF.	l	s	d
VN.. 1604..	16,50	4,76	9,52
VN.. 1607..	16,50	7,94	9,52



For more information see page: A.79

Inserts

Turning

Automatic lathes

Ceramic tools

Parting & grooving

Threading

Drills

Cartridges

Brazed tools

Milling cutters

Solid carbide

Boring heads

Arbors & adaptors

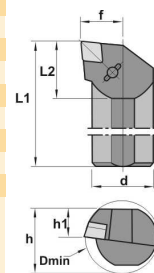


Inserts

CCLN 95°



REF.	d	h1	L1	L2	f	h	Dmin	CN..						
S32S CCLN R/L 12-7CD	32	15,0	250	40	22	30	40	1207..	-	-	944	247	-	504
S40T CCLN R/L 12-4CD	40	18,5	300	35	27	37	70	1204..	ICSN-454	471	944	247	-	504
S40T CCLN R/L 12-7CD	40	18,5	300	35	27	37	70	1207..	ICSN-434	471	944	247	-	504
S50U CCLN R/L 12-4CD	50	23,5	350	38	32	47	70	1204..	ICSN-454	470	944	247	-	504
S50U CCLN R/L 12-7CD	50	23,5	350	38	32	47	70	1207..	ICSN-434	470	944	247	-	504
S32S CCLN R/L 12-7CX	32	15,0	250	40	22	30	40	1207..	-	-	-	-	-	245
S40T CCLN R/L 12-4CX	40	18,5	300	35	27	37	70	1204..	ICSN-454	471	-	-	-	245
S40T CCLN R/L 12-7CX	40	18,5	300	35	27	37	70	1207..	ICSN-434	471	-	-	-	245
S50U CCLN R/L 12-4CX	50	23,5	350	38	32	47	70	1204..	ICSN-454	470	-	-	-	245
S50U CCLN R/L 12-7CX	50	23,5	350	38	32	47	70	1207..	ICSN-434	470	-	-	-	245



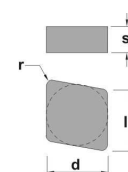
Turning

Automatic lathes

Ceramic tools



REF.	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1207..	12,90	7,94	12,70



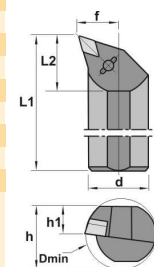
For more information see page: A.76

Parting & grooving

CDQN 107° 30'



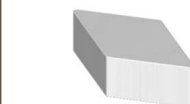
REF.	d	h1	L1	L2	f	h	Dmin	DN..						
S32S CDQN R/L 12-7CD	32	15,0	250	40	22	30	50	1207..	-	-	944	243	-	504
S40T CDQN R/L 12-4CD	40	18,5	300	35	27	37	70	1204..	379	130	944	243	-	504
S40T CDQN R/L 12-7CD	40	18,5	300	35	27	37	70	1207..	370	130	944	243	-	504
S50U CDQN R/L 15-4CD	50	23,5	350	38	32	47	70	1504..	IDSN-452	470	944	247	-	504
S50U CDQN R/L 15-7CD	50	23,5	350	38	32	47	70	1507..	IDSN-432	470	944	247	-	504
S32S CDQN R/L 12-7CX	32	15,0	250	40	22	30	50	1207..	-	-	-	-	-	245
S40T CDQN R/L 12-4CX	40	18,5	300	35	27	37	70	1204..	379	130	-	-	-	245
S40T CDQN R/L 12-7CX	40	18,5	300	35	27	37	70	1207..	370	130	-	-	-	245
S50U CDQN R/L 15-4CX	50	23,5	350	38	32	47	70	1504..	IDSN-452	470	-	-	-	252
S50U CDQN R/L 15-7CX	50	23,5	350	38	32	47	70	1507..	IDSN-432	470	-	-	-	252



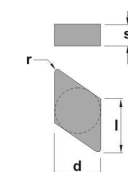
Threading

Drills

Cartridges



REF.	l	s	d
DN.. 1204..	13,05	4,76	10,70
DN.. 1207..	13,05	7,94	10,70
DN.. 1504..	15,50	4,76	12,70
DN.. 1507..	15,50	7,94	12,70



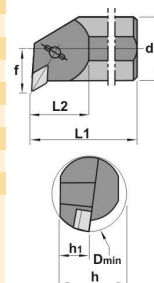
For more information see page: A.76

Brazed tools

CDUN 93°



REF.	d	h1	L1	L2	f	h	Dmin	DN..						
S32S CDUN R/L 12-7CD	32	15,0	250	40	22	30	40	1207..	-	-	946	243	-	504
S40T CDUN R/L 12-4CD	40	18,5	300	50	27	37	70	1204..	379	130	946	243	-	504
S40T CDUN R/L 12-7CD	40	18,5	300	50	27	37	70	1207..	370	130	946	243	-	504
S50U CDUN R/L 15-4CD	50	23,5	350	50	32	47	70	1504..	IDSN-452	470	946	247	-	504
S50U CDUN R/L 15-7CD	50	23,5	350	50	32	47	70	1507..	IDSN-432	470	946	247	-	504
S32S CDUN R/L 12-7CX	32	15,0	250	40	22	30	40	1207..	-	-	-	-	-	245
S40T CDUN R/L 12-4CX	40	18,5	300	50	27	37	70	1204..	379	130	-	-	-	245
S40T CDUN R/L 12-7CX	40	18,5	300	50	27	37	70	1207..	370	130	-	-	-	245
S50U CDUN R/L 15-4CX	50	23,5	350	50	32	47	70	1504..	IDSN-452	470	-	-	-	252
S50U CDUN R/L 15-7CX	50	23,5	350	50	32	47	70	1507..	IDSN-432	470	-	-	-	252

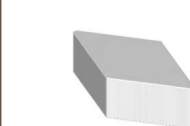


Milling cutters

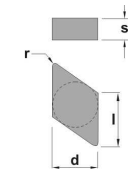
Solid carbide

Boring heads

Arbors & adaptors



REF.	l	s	d
DN.. 1204..	13,05	4,76	10,70
DN.. 1207..	13,05	7,94	10,70
DN.. 1504..	15,50	4,76	12,70
DN.. 1507..	15,50	7,94	12,70

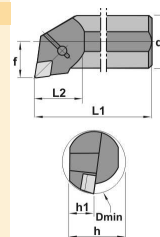


For more information see page: A.76

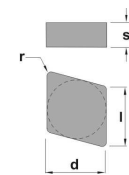
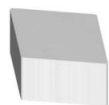
CELN 97° 30'



REF.	d	h1	L1	L2	f	h	Dmin	EN..
S40T CELN R/L 13-CD	40	18,5	300	32	27	37	50	1307..
S50U CELN R/L 13-CD	50	23,5	350	32	35	47	63	1307..
S40T CELN R/L 13-CX	40	18,5	300	32	27	37	50	1307..
S50U CELN R/L 13-CX	50	23,5	350	32	35	47	63	1307..



REF.	l	s	d
EN.. 1307..	13,12	7,94	12,70

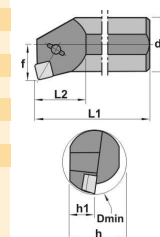


For more information see page: A.77

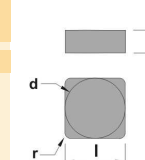
CSKN 75°



REF.	d	h1	L1	L2	f	h	Dmin	SN..
S32S CSKN R/L 12-7CD	32	15,0	250	40	22	30	40	1207..
S40T CSKN R/L 12-4CD	40	18,5	300	67	27	37	70	1204..
S40T CSKN R/L 12-7CD	40	18,5	300	67	27	37	70	1207..
S50U CSKN R/L 12-4CD	50	23,5	350	67	35	47	70	1204..
S50U CSKN R/L 12-7CD	50	23,5	350	67	35	47	70	1207..
S32S CSKN R/L 12-7CX	32	15,0	250	40	22	30	40	1207..
S40T CSKN R/L 12-4CX	40	18,5	300	67	27	37	70	1204..
S40T CSKN R/L 12-7CX	40	18,5	300	67	27	37	70	1207..
S50U CSKN R/L 12-4CX	50	23,5	350	67	35	47	70	1204..
S50U CSKN R/L 12-7CX	50	23,5	350	67	35	47	70	1207..



REF.	l	s	d
SN.. 1204..	12,70	4,76	12,70
SN.. 1207..	12,70	7,94	12,70

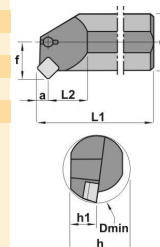


For more information see page: A.78

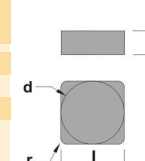
CSSN 45°



REF.	d	h1	L1	L2	f	h	Dmin	SN..
S32S CSSN R/L 12-7CD	32	15,0	250	40	22	30	40	1207..
S40T CSSN R/L 12-4CD	40	18,5	300	50	27	37	70	1204..
S40T CSSN R/L 12-7CD	40	18,5	300	50	27	37	70	1207..
S50U CSSN R/L 15-7CD	50	23,5	350	50	32	47	70	1507..
S32S CSSN R/L 12-7CX	32	15,0	250	40	22	30	40	1207..
S40T CSSN R/L 12-4CX	40	18,5	300	50	27	37	70	1204..
S40T CSSN R/L 12-7CX	40	18,5	300	50	27	37	70	1207..
S50U CSSN R/L 15-7CX	50	23,5	350	50	32	47	70	1507..



REF.	l	s	d
SN.. 1204..	12,70	4,76	12,70
SN.. 1207..	12,70	7,94	12,70
SN.. 1507..	15,87	7,94	15,87



For more information see page: A.78

Inserts

Turning

Automatic lathes

Ceramic tools

Parting & grooving

Threading

Drills

Cartridges

Brazed tools

Milling cutters

Solid carbide

Boring heads

Arbors & adaptors

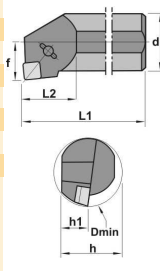


- Inserts
- Turning
- Automatic lathes
- Ceramic tools
- Parting & grooving
- Threading
- Drills
- Cartridges
- Brazed tools
- Milling cutters
- Solid carbide
- Boring heads
- Arbors & adaptors

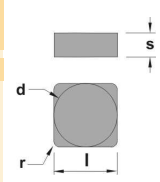
CSYN 85°



REF.	d	h1	L1	L2	f	h	Dmin	SN..	[Icons]					
S32S CSYN R/L 12-7CD	32	15,0	250	40	22	30	40	1207..	-	-	944	247	-	504
S40T CSYN R/L 12-4CD	40	18,5	300	67	27	37	70	1204..	ISSN-452	471	944	247	-	504
S40T CSYN R/L 12-7CD	40	18,5	300	67	27	37	70	1207..	ISSN-432	471	944	247	-	504
S50U CSYN R/L 12-4CD	50	23,5	350	67	35	47	70	1204..	ISSN-452	472	944	247	-	504
S50U CSYN R/L 12-7CD	50	23,5	350	67	35	47	70	1207..	ISSN-432	472	944	247	-	504
S32S CSYN R/L 12-7CX	32	15,0	250	40	22	30	40	1207..	-	-	-	-	245	504
S40T CSYN R/L 12-4CX	40	18,5	300	67	27	37	70	1204..	ISSN-452	471	-	-	245	504
S40T CSYN R/L 12-7CX	40	18,5	300	67	27	37	70	1207..	ISSN-432	471	-	-	245	504
S50U CSYN R/L 12-4CX	50	23,5	350	67	35	47	70	1204..	ISSN-452	472	-	-	245	504
S50U CSYN R/L 12-7CD	50	23,5	350	67	35	47	70	1207..	ISSN-432	472	-	-	245	504



REF.	l	s	d
SN.. 1204..	12,70	4,76	12,70
SN.. 1207..	12,70	7,94	12,70



For more information see page: A.78

