



CERAMIC KERAMIK



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Ceramic inserts**Keramik-Wendeschnidplatten**

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Ceramic inserts Keramik-Wendeschneidplatten

USE CLASSIFICATION

- Continuous
- Slight interruption
- ✱ Interruption

AVAILABILITY

- Standard item
- Check availability

EINSATZBEREICH

- Ununterbrochen
- Leicht unterbrochen
- ✱ Unterbrochen

VERFÜGBARKEIT

- Standard-Artikel
- Verfügbarkeit prüfen

Material Werkstoff

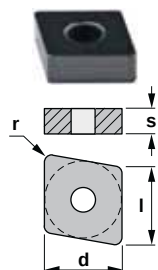
Grade
Sorte

Continuous
Ununterbrochen

Slight interruption
Leicht unterbrochen

Interruption
Unterbrochen

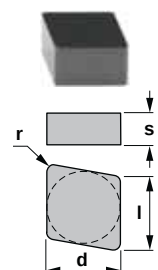
K	Cast iron Guß	CC2	●		
		CX6	●	●	●
		CW1	●	●	●
S	Heat-resistant alloys Hitzebeständige Legierungen	CX9	●	●	●
		CW1	●	●	●
H	Hard materials Harte Materialien	CC7	●		



CNGA

80° rhombic negative insert.
80° rhombische negative Wendeschneidplatte.

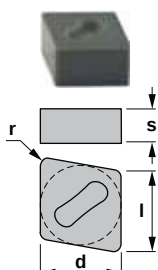
Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
CNGA 120404	12,90	4,76	12,70	0,4				●	
CNGA 120408	12,90	4,76	12,70	0,8	●			●	
CNGA 120412	12,90	4,76	12,70	1,2	●			●	



CNGN

80° rhombic negative insert.
80° rhombische negative Wendeschneidplatte.

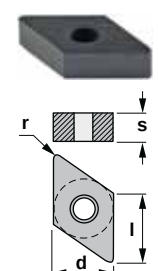
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CNGN 120408	12,90	4,76	12,70	0,8			●		●
CNGN 120412	12,90	4,76	12,70	1,2			●		●
CNGN 120708	12,90	7,94	12,70	0,8			●		●
CNGN 120712	12,90	7,94	12,70	1,2			●		●
CNGN 120716	12,90	7,94	12,70	1,6					●



CNGX

80° rhombic negative insert.
80° rhombische negative Wendeschneidplatte.

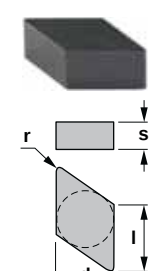
Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
CNGX 120708	12,90	7,94	12,70	0,8	●	●			
CNGX 120712	12,90	7,94	12,70	1,2	●	●			
CNGX 120716	12,90	7,94	12,70	1,6	●	●			
CNGX 160712	16,10	7,94	15,87	1,2	●				
CNGX 160716	16,10	7,94	15,87	1,6	●	●			



DNGA

55° rhombic negative insert.
55° rhombische negative Wendeschneidplatte.

Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
DNGA 150404	12,90	4,76	12,70	0,4				●	
DNGA 150408	12,90	4,76	12,70	0,8	●			●	
DNGA 150412	12,90	4,76	12,70	1,2	●			●	



DNGN

55° rhombic negative insert.
55° rhombische negative Wendeschneidplatte.

Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
DNGN 150708	15,50	7,94	12,70	0,8			●		●
DNGN 150712	15,50	7,94	12,70	1,2			●		●
DNGN 150716	15,50	7,94	12,70	1,6			●		

Ceramic inserts Keramik-Wendeschnidplatten

USE CLASSIFICATION

- Continuous
- Slight interruption
- ✱ Interruption

AVAILABILITY

- Standard item
- Check availability

EINSATZBEREICH

- Ununterbrochen
- Leicht unterbrochen
- ✱ Unterbrochen

VERFÜGBARKEIT

- Standard-Artikel
- Verfügbarkeit prüfen

Material Werkstoff

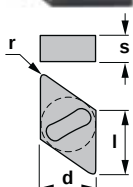
Grade
Sorte

Continuous
Ununterbrochen

Slight interruption
Leicht unterbrochen

Interruption
Unterbrochen

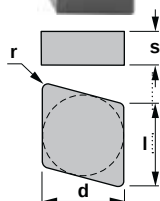
K	Cast iron Guß	CC2	Continuous		
		CX6	Continuous	Continuous	Continuous
		CW1	Continuous	Continuous	Continuous
S	Heat-resistant alloys Hitzebeständige Legierungen	CX9	Continuous	Continuous	Continuous
		CW1	Continuous	Continuous	Continuous
H	Hard materials Harte Materialien	CC7	Continuous		



DNGX

55° rhombic negative insert.
55° rhombische negative Wendschneidplatte.

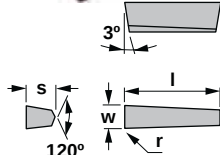
Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
DNGX 120708	12,20	7,94	10,00	0,8	●				
DNGX 120712	12,20	7,94	10,00	1,2	●				
DNGX 120716	12,20	7,94	10,00	1,6	●				
DNGX 150708	15,50	7,94	12,70	0,8	●				
DNGX 150712	15,50	7,94	12,70	1,2	●	●			
DNGX 150716	15,50	7,94	12,70	1,6	●	●			



ENGN

75° rhombic negative insert.
75° rhombische negative Wendschneidplatte.

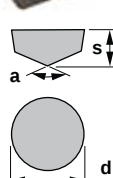
Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
ENGN 130708	13,15	7,94	12,70	0,8			●		
ENGN 130712	13,15	7,94	12,70	1,2			●		
ENGN 130716	13,15	7,94	12,70	1,6			●		
ENGN 130720	13,15	7,94	12,70	2,0			●		



GWG

Positive insert.
Positive Wendschneidplatte.

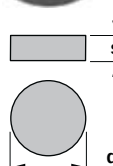
Reference / Bezeichnung	l	s	w	r	CX6	CX9	CC2	CC7	CW1
GWG 04 M	12,00	5,00	4,00	0,5	○				
GWG 05 M	12,00	5,00	5,00	0,8	○				
GWG 06 M	15,00	7,50	6,00	0,8	○				
GWG 07	15,00	7,50	7,00	0,8	○				
GWG 08	15,00	7,50	8,00	0,8	○				
GWG 10	15,00	7,50	10,00	0,8	○				



RCGX

Round positive insert.
Runde positive Wendschneidplatte.

Reference / Bezeichnung	s	d	a	CX6	CX9	CC2	CC7	CW1
RCGX 060700	7,94	6,35	120°			●		●
RCGX 090700	7,94	9,52	120°		●	●		●
RCGX 120700	7,94	12,70	120°		●	●		●
RCGX 151000	10,00	15,87	120°			●		●
RCGX 191000	10,00	19,05	120°		●	●		●
RCGX 251200	12,00	25,40	140°			●		



RNGN

Round negative insert.
Runde negative Wendschneidplatte.

Reference / Bezeichnung	s	d	CX6	CX9	CC2	CC7	CW1
RNGN 120400	4,76	12,70		●		●	●
RNGN 120700	7,94	12,70		●		●	●

Ceramic inserts Keramik-Wendeschneidplatten

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AVAILABILITY

- Standard item
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EINSATZBEREICH

- Ununterbrochen
- ◐ Leicht unterbrochen
- ✱ Unterbrochen

VERFÜGBARKEIT

- Standard-Artikel
- Verfügbarkeit prüfen

Material Werkstoff

Grade
Sorte

Continuous
Ununterbrochen

Slight interruption
Leicht unterbrochen

Interruption
Unterbrochen

K

Cast iron
Guß

CC2

CX6

CW1

S

Heat-resistant alloys
Hitzebeständige Legierungen

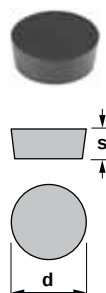
CX9

CW1

H

Hard materials
Harte Materialien

CC7



RPGN

Round negative insert.
Runde negative Wendeschneidplatte.

Reference / Bezeichnung

s

d

CX6

CX9

CC2

CC7

CW1

RPGN 060200

2,38

6,35

RPGN 090300

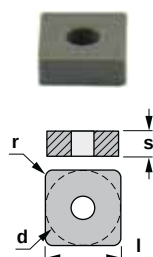
3,18

9,52

RPGN 120400

4,76

12,70



SNGA

Square negative insert.
Vierkantige negative Wendeschneidplatte.

Reference / Bezeichnung

l

s

d

r

CX6

CX9

CC2

CC7

CW1

SNGA 120408

12,70

4,76

12,70

0,8

SNGA 120412

12,70

4,76

12,70

1,2

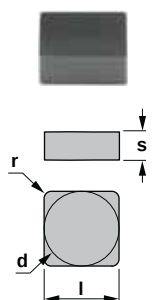
SNGA 120416

12,70

4,76

12,70

1,6



SNGN

Square negative insert.
Vierkantige negative Wendeschneidplatte.

Reference / Bezeichnung

l

s

d

r

CX6

CX9

CC2

CC7

CW1

SNGN 120404

12,70

4,76

12,70

0,4

SNGN 120408

12,70

4,76

12,70

0,8

SNGN 120412

12,70

4,76

12,70

1,2

SNGN 120416

12,70

4,76

12,70

1,6

SNGN 120420

12,70

4,76

12,70

2,0

SNGN 120424

12,70

4,76

12,70

2,4

SNGN 120708

12,70

7,94

12,70

0,8

SNGN 120712

12,70

7,94

12,70

1,2

SNGN 120716

12,70

7,94

12,70

1,6

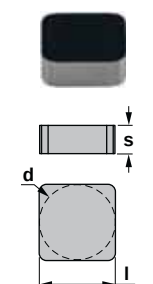
SNGN 120720

12,70

7,94

12,70

2,0



SNGN

Square negative insert.
Vierkantige negative Wendeschneidplatte.

Reference / Bezeichnung

l

s

d

CX6

CX9

CC2

CC7

CW1

SNGN 1204ENT

12,70

4,76

12,70

Ceramic inserts Keramik-Wendeschneidplatten

USE CLASSIFICATION

- Continuous
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AVAILABILITY

- Standard item
- Check availability

EINSATZBEREICH

- Ununterbrochen
- Leicht unterbrochen
- ✱ Unterbrochen

VERFÜGBARKEIT

- Standard-Artikel
- Verfügbarkeit prüfen

Material Werkstoff

Grade
Sorte

Continuous
Ununterbrochen

Slight interruption
Leicht unterbrochen

Interruption
Unterbrochen

K

Cast iron
Guß

CC2

CX6

CW1

S

Heat-resistant alloys
Hitzebeständige Legierungen

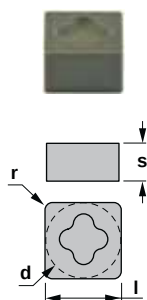
CX9

CW1

H

Hard materials
Harte Materialien

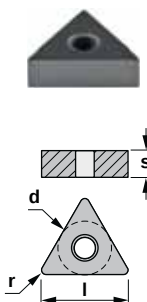
CC7



SNGX

Square negative insert.
Vierkantige negative Wendeschneidplatte.

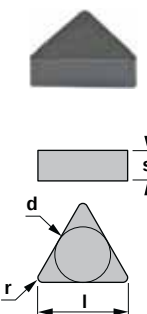
Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
SNG□ 120708	12,70	7,94	12,70	0,8	●				
SNG□ 120712	12,70	7,94	12,70	1,2	●				
SNG□ 120716	12,70	7,94	12,70	1,6	●				
SNG□ 150708	15,87	7,94	15,87	0,8	○				
SNG□ 150712	15,87	7,94	15,87	1,2	●	●			
SNG□ 150716	15,87	7,94	15,87	1,6	●	●			



TNGA

Triangular negative insert.
Dreikantige negative Wendeschneidplatte.

Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
TNGA 160404	16,50	4,76	9,52	0,4				●	
TNGA 160408	16,50	4,76	9,52	0,8				●	
TNGA 160412	16,50	4,76	9,52	1,2				●	
TNGA 160416	16,50	4,76	9,52	1,6				○	



TNGN

Triangular negative insert.
Dreikantige negative Wendeschneidplatte.

Reference / Bezeichnung	l	s	d	r	CX6	CX9	CC2	CC7	CW1
TNGN 160408	16,50	4,76	9,52	0,8			●		
TNGN 160412	16,50	4,76	9,52	1,2			●		
TNGN 160416	16,50	4,76	9,52	1,6			●		
TNGN 160708	16,50	7,94	9,52	0,8			●		
TNGN 160712	16,50	7,94	9,52	1,2			○		

Ceramic inserts Keramik-Wendeschneidplatten

USE CLASSIFICATION

- Continuous
- Slight interruption
- ✱ Interruption

AVAILABILITY

- Standard item
- Check availability

EINSATZBEREICH

- Ununterbrochen
- Leicht unterbrochen
- ✱ Unterbrochen

VERFÜGBARKEIT

- Standard-Artikel
- Verfügbarkeit prüfen

Material Werkstoff

Grade
Sorte

Continuous
Ununterbrochen

Slight interruption
Leicht unterbrochen

Interruption
Unterbrochen

K

Cast iron
Guß

CC2

CX6

CW1

S

Heat-resistant alloys
Hitzebeständige Legierungen

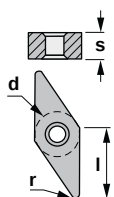
CX9

CW1

H

Hard materials
Harte Materialien

CC7



VNGA

35° rhombic negative insert.
35° rhombische negative Wendeschneidplatte.

Reference / Bezeichnung

	l	s	d	r
□ NGA 160404	16,50	4,76	9,52	0,4
□ NGA 160408	16,50	4,76	9,52	0,8
□ NGA 160412	16,50	4,76	9,52	1,2

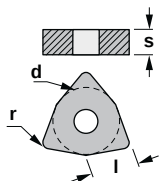
CX6

CX9

CC2

CC7

CW1



WNGA

80° trigon negative insert.
80° trigon negative Wendeschneidplatte.

Reference / Bezeichnung

	l	s	d	r
□ NGA 080408	8,14	4,76	12,70	0,8
□ NGA 080412	8,14	4,76	12,70	1,2

CX6

CX9

CC2

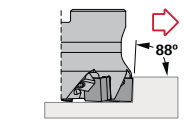
CC7

CW1



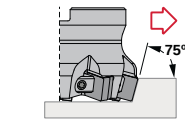
Ceramic milling cutters Fräser für Keramik-Wendeschnidplatten

1242.90 88°
Square and facing 88°
Eck- und Planfräser 88°



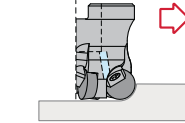
Page
Seite D10 SN.. 1204..

1442.90 75°
Facing 75°
Planfräser 75°



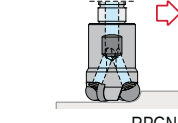
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5540.90
Facing and copying
Plan- und Kopierfräser



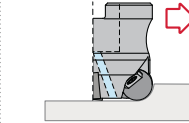
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Plan- und Kopierfräser



Page
Seite D13 RPGN 0602..
RPGN 1204..

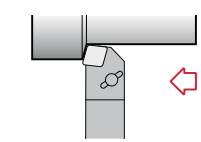
5542.90
Facing and copying
Plan- und Kopierfräser



Page
Seite D14 RGN 1207..

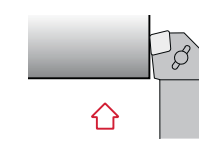
Toolholders Klemmhalter

CCBN 75°



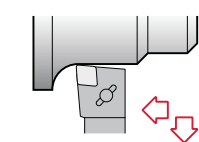
Page
Seite D16 CNG.. 1204..
CNG.. 1207..
CNG.. 1607..

CCKN 75°



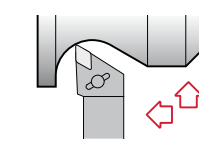
Page
Seite D17 CNG.. 1204..
CNG.. 1207..

CCLN 95°



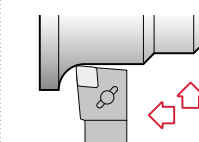
Page
Seite D18 CNG.. 1204..
CNG.. 1207..
CNG.. 1607..

CDJN 93°



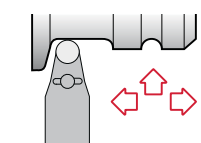
Page
Seite D19 DNG.. 1204..
DNG.. 1207..
DNG.. 1507..

CELN 97°30'



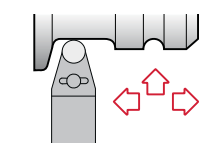
Page
Seite D20 ENGN 1307..

CRDC



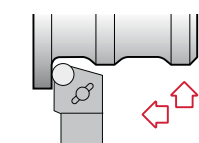
Page
Seite D21 RCGX 0607..
RCGX 2512..

CRDN



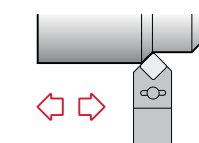
Page
Seite D22 RGN 1204..
RGN 2507..

CRSN



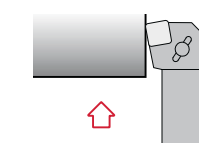
Page
Seite D23 RGN 1204..
RGN 1207..

CSDN 45°



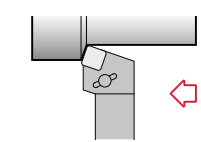
Page
Seite D24 SNG.. 1204..
SNG.. 1207..
SNG.. 1507..

CSKN 75°



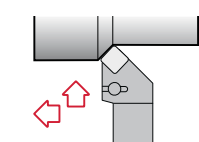
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Seite D25 SNG.. 1204..
SNG.. 1207..
SNG.. 1507..

CSRN 75°



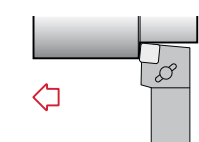
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Seite D26 SNG.. 1204..
SNG.. 1207..
SNG.. 1507..

CSSN 45°



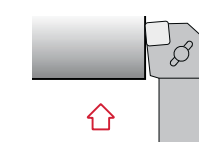
Page
Seite D27 SNG.. 1204..
SNG.. 1207..
SNG.. 1507..

CSXN 85°



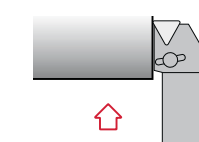
Page
Seite D28 SNG.. 1204..
SNG.. 1207..
SNG.. 1507..

CSYN 85°



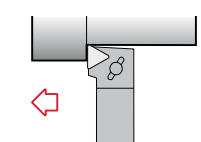
Page
Seite D29 SNG.. 1204..
SNG.. 1207..
SNG.. 1507..

CTFN 90°



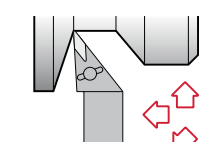
Page
Seite D30 TNGN 1604..
TNGN 1607..

CTGN 90°



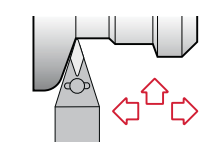
Page
Seite D31 TNGN 1604..
TNGN 1607..

CVJN 93°



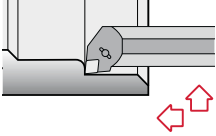
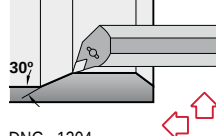
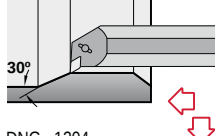
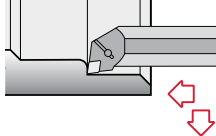
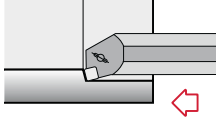
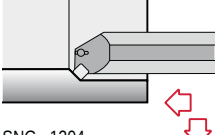
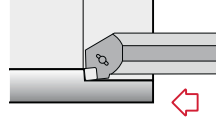
Page
Seite D32 VNG.. 1604..
VNG.. 1607..

CVVN 62°30'

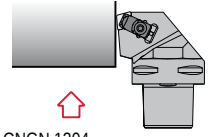
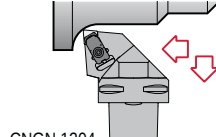
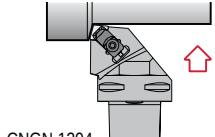
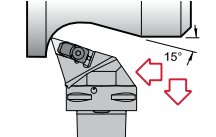
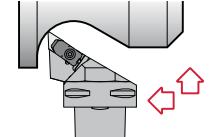
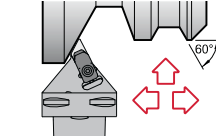
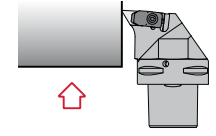
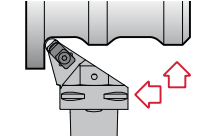
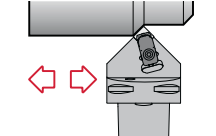
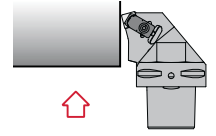
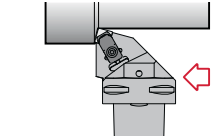
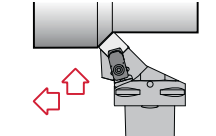


Page
Seite D33 VNG.. 1604..
VNG.. 1607..

Boring bars Bohrstangen

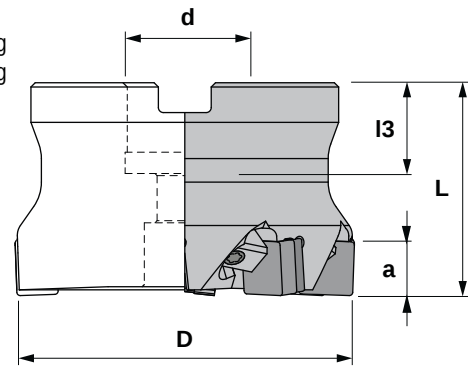
CCLN 95°  Page Seite D34 CNG.. 1204.. CNG.. 1207..	CDQN 107°30'  DNG.. 1204.. DNG.. 1507.. Page Seite D35	CDUN 93°  DNG.. 1204.. DNG.. 1507.. Page Seite D36	CELN 97°30'  Page Seite D37 ENGN 1307..	CSKN 75°  Page Seite D38 SNG.. 1204.. SNG.. 1207..
CSSN 45°  SNG.. 1204.. SNG.. 1207.. SNG.. 1507.. Page Seite D39	CSYN 85°  Page Seite D40 SNG.. 1204.. SNG.. 1207..			

Top clamp ceramic PSC PSC Keramikhalter mit oberer Klemmung

CCKN 75°  CNGN 1204.. CNGN 1907.. Page Seite D42	CCLN 95°  CNGN 1204.. CNGN 1907.. Page Seite D43	CCRN 75°  CNGN 1204.. CNGN 1907.. Page Seite D44	CDHN 107°30'  Page Seite D45 DNGN 1507..	CDJN 93°  Page Seite D46 DNGN 1507..
CDNN 63°  DNGN 1507.. Page Seite D47	CDUN 93°  Page Seite D48 DNGN 1507..	CRSN  Page Seite D49 RNGN 1204.. RNGN 1207..	CSDN 45°  SNGN 1204.. SNGN 1207.. Page Seite D50	CSKN 75°  Page Seite D51 SNGN 1204.. SNGN 1207..
CSRN 75°  Page Seite D52 SNGN 1204.. SNGN 1207..	CSSN 45°  Page Seite D53 SNGN 1204.. SNGN 1207..			

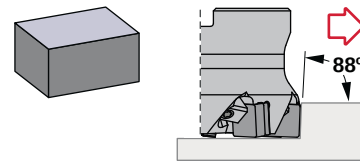
**Characteristics:**

Negative milling cutter with 88° entering angle. Its strong inserts accept high cutting depths and high feed per teeth. First option for cast iron milling.

**Eigenschaften:**

Negativer Fräser mit 88° Einstellwinkel. Seine starken Wendeschneidplatten akzeptieren einen hohen Vorschub pro Zahn.

Erste Wahl zum Fräsen von Guß.



1242.90 88°

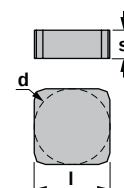
Reference Bezeichnung		D	L	l3	a	d	Insert size Wendeschneidplatte	
1242.90.063	6	63	50	22	12	27	SN 1204	0,980
1242.90.080	8	80	50	22	12	27	SN 1204	1,240
1242.90.100	10	100	50	25	12	32	SN 1204	1,920
1242.90.125	12	125	63	29	12	40	SN 1204	3,360

Reference Bezeichnung								Nm
1242.90.063	1630	3212	6226	1266	5515	□	912,10	3,0
1242.90.080	1630	3212	6226	1266	5515	□	912,12	3,0
1242.90.100	1630	3212	6226	1266	□	5615	912,16	3,0
1242.90.125	1630	3212	6226	1266	□	5615	□	3,0

SN..

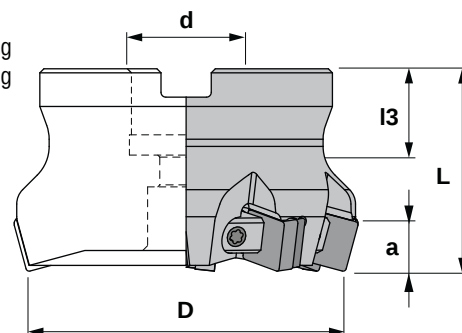
Square negative inserts.
Vierkantige negative Wendeschneidplatten. D05

Reference / Bez.	l	s	d
SN 1204	12,70	4,76	12,70

**SNGN****SNGN**

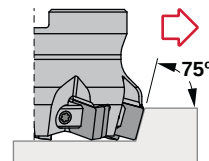
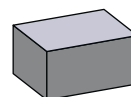
**Characteristics:**

Negative milling cutter with 75° entering angle. Its strong inserts accept high cutting depths and high feed per teeth. First option for cast iron milling.

**Eigenschaften:**

Negativer Fräser mit 75° Einstellwinkel. Seine starken Wendeschneidplatten akzeptieren einen hohen Vorschub pro Zahn.

Erste Wahl zum Fräsen von Guß.



1442.90 75°

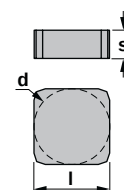
Reference Bezeichnung		D	L	l3	a	d	Insert size Wendeschneidplatte	
1442.90.063	6	63	50	22	11	27	SN 1204	0,980
1442.90.080	8	80	50	22	11	27	SN 1204	1,240
1442.90.100	10	100	50	25	11	32	SN 1204	1,920
1442.90.125	12	125	63	29	11	40	SN 1204	3,360

Reference Bezeichnung							Nm
1442.90.063	1630	3212	6226	1266	5515	□	3.0
1442.90.080	1630	3212	6226	1266	5515	□	3.0
1442.90.100	1630	3212	6226	1266	□	5615	3.0
1442.90.125	1630	3212	6226	1266	□	5615	3.0

SN..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. D05

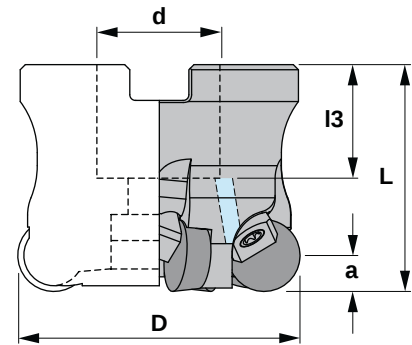
Reference / Bez.	l	s	d
SN 1204	12,70	4,76	12,70

**SNGN****SNGN**

**Characteristics:**

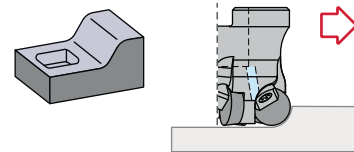
Round insert cutter for slot milling, peripheral milling, ramp milling and drilling, pocket milling and copy milling.

It can be used in only one pass (roughing and finishing).

**Eigenschaften:**

Fräser mit runden Wendeschneidplatten zum Nutenfräsen, Zirkularfräsen (Bohrlocherweiterung), Stufenfräsen, Bohren, Taschenfräsen und Kopierfräsen.

Für allgemeine Bearbeitungen mit nur einem Durchgang (Schruppen und Schlichten).



5540.90



Reference Bezeichnung		D	L	l3	a	d	Insert size Wendeschneidplatte	
5540.90.040	4	40	40	18	6,35	16	RPGN 1204	0,200
5540.90.050	5	50	40	20	6,35	22	RPGN 1204	0,330

Reference Bezeichnung					Nm
5540.90.040	1058	6226	1166	5515	3.0
5540.90.050	912,10	6226	1166	5515	3.0

RPGN

Round negative insert.
Runde negative Wendeschneidplatte. D05

Reference / Bez.

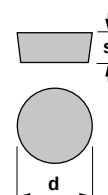
s

d

RPGN 1204

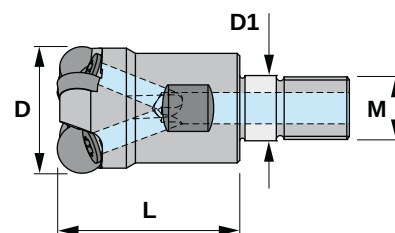
4,76

12,70

**RPGN**

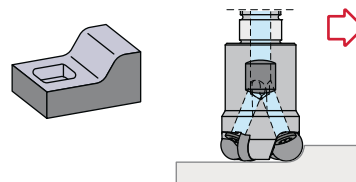
**Characteristics:**

Round insert end mill for slot milling, peripheral milling, ramp milling and drilling, pocket milling and copy milling. It can be used in only one pass (roughing and finishing)

**Eigenschaften:**

Modularfräser mit runden Wendeschneidplatten zum Nutenfräsen, Zirkularfräsen (Bohrlocherweiterung), Stufenfräsen, Bohren, Taschenfräsen und Kopierfräsen.

Für allgemeine Bearbeitungen mit nur einem Durchgang (Schruppen und Schlichten).


55²₄0.06

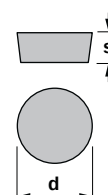
Reference Bezeichnung		L	M	D	D1	Insert size Wendeschneidplatte	
5520.06.016	2	23	□ 8	16	8,5	RPGN 0602	0,030
5520.06.020	3	30	□ 10	20	10,5	RPGN 0602	0,060
5530.06.025	3	35	□ 12	25	12,5	RPGN 0903	0,100
5530.06.032	4	43	□ 16	32	16,5	RPGN 0903	0,210
5540.06.032	3	43	□ 16	32	16,5	RPGN 1204	0,220

Reference Bezeichnung			Nm
5520.06.016	1240	5515	3.0
5520.06.020	1240	5515	3.0
5530.06.025	1250	5520	4.0
5530.06.032	1250	5520	4.0
5540.06.032	1260	5525	5.0

RPGN

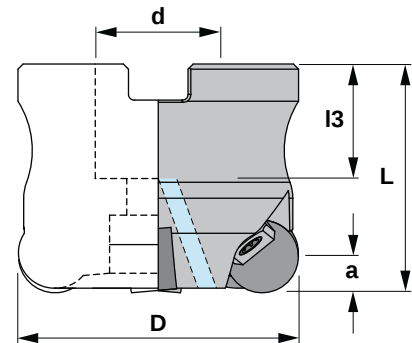
Round negative insert.
Runde negative Wendeschneidplatte. D05

Reference / Bez.	s	d
RPGN 0602	2,38	6,35
RPGN 0903	3,18	9,52
RPGN 1204	4,76	12,70

**RPGN**

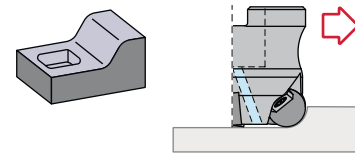
**Characteristics:**

Round negative insert cutter for slot milling, peripheral milling, ramp milling and drilling, pocket milling and copy milling. It can be used in only one pass (roughing and finishing).

**Eigenschaften:**

Fräser mit runden negativen Wendeschneidplatten zum Nutenfräsen, Zirkularfräsen (Bohrlocherweiterung), Stufenfräsen, Bohren, Taschenfräsen und Kopierfräsen.

Für allgemeine Bearbeitungen mit nur einem Durchgang (Schruppen und Schlichten).



5542.90

Reference Bezeichnung		D	L	l3	a	d	Insert size Wendeschneidplatte	 Kg
5542.90.050	4	50	40	20	6,35	22	RNGN 1207 	0,350
5542.90.063	5	63	50	20	6,35	22	RNGN 1207 	0,800
5542.90.080	6	80	50	22	6,35	27	RNGN 1207 	1,250

Reference Bezeichnung					Nm
5542.90.050	912,10	6226	1166	5515	3,0
5542.90.063	912,10	6226	1266	5515	3,0
5542.90.080	912,12	6226	1266	5515	3,0

RNGN

Round negative insert.
Runde negative Wendeschneidplatte.  D04

Reference / Bez.

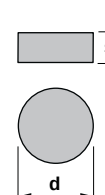
s

d

RNGN 1207 

7,94

12,70

**RNGN**



Ceramic milling cutters

Ceramic inserts run faster than carbide inserts, so productivity is highly increased in high-temperature machining.

Fräser für Keramik-Wendeschneidplatten

Die Keramik-Wendeschneidplatten arbeiten schneller als die Hartmetall-Wendeschneidplatten. Auf dieser Weise erhöht sich die Produktivität bei hohen Temperaturen.

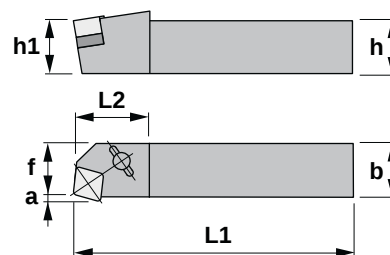




Characteristics:

Toolholder for external turning applications equipped with rhombic negative inserts (angle 80°).

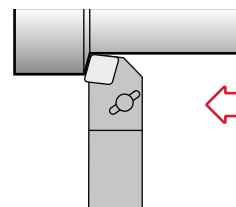
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außendrehen mit einer rhombischen negativen Wendeschneidplatte (80° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



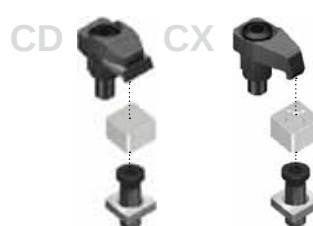
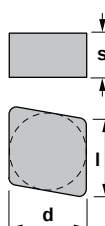
CCBN 75°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	 Kg
□□□N R□□2525 □12□4□□	25	25	150	34	22	3,10	□NGN 1204□□	0,750
□□□N R□□2525 □12□7□□	25	25	150	34	22	3,10	□NGN 1207□□	0,750
□□□N R□□3225 P12□4□□	32	25	170	34	22	3,10	□NGN 1204□□	1,050
□□□N R□□3225 P12□7□□	32	25	170	34	22	3,10	□NGN 1207□□	1,050
□□□N R□□2525 □16□□□	25	25	150	34	27	3,82	□NGN 1607□□	0,750
□□□N R□□3225 P16□□□	32	25	170	34	27	3,82	□NGN 1607□□	1,050
□□□N R□□2525 □12□4□□	25	25	150	34	22	3,10	□NG□ 1204□□	0,750
□□□N R□□2525 □12□7□□	25	25	150	34	22	3,10	□NG□ 1207□□	0,750
□□□N R□□3225 P12□4□□	32	25	170	34	22	3,10	□NG□ 1204□□	1,050
□□□N R□□3225 P12□7□□	32	25	170	34	22	3,10	□NG□ 1207□□	1,050
□□□N R□□2525 □16□□□	25	25	150	34	27	3,82	□NG□ 1607□□	0,750
□□□N R□□3225 P16□□□	32	25	170	34	27	3,82	□NG□ 1607□□	1,050

Reference Bezeichnung							Nm
□□□N R□□2525 □12□4□□	□□SN 454	1160	9414	2417	□	5004	3:5
□□□N R□□2525 □12□7□□	□□SN 434	1160	9414	2417	□	5004	3:5
□□□N R□□3225 P12□4□□	□□SN 454	1160	9414	2417	□	5004	3:5
□□□N R□□3225 P12□7□□	□□SN 434	1160	9414	2417	□	5004	3:5
□□□N R□□2525 □16□□□	□□SN 533	1180	9414	2417	□	5004	3:5
□□□N R□□3225 P16□□□	□□SN 533	1180	9414	2417	□	5004	3:5
□□□N R□□2525 □12□4□□	□□SN 454	1160	□	□	2471	5004	3:5
□□□N R□□2525 □12□7□□	□□SN 434	1160	□	□	2471	5004	3:5
□□□N R□□3225 P12□4□□	□□SN 454	1160	□	□	2471	5004	3:5
□□□N R□□3225 P12□7□□	□□SN 434	1160	□	□	2471	5004	3:5
□□□N R□□2525 □16□□□	□□SN 533	1180	□	□	2415	5004	3:5
□□□N R□□3225 P16□□□	□□SN 533	1180	□	□	2415	5004	3:5

CNG.. 80° rhombic negative inserts. D03

Reference / Bez.	l	s	d
□NG□1204□□	12,90	4,76	12,70
□NG□1207□□	12,90	7,94	12,70
□NG□1607□□	16,10	7,94	15,88



CNGN



CNGX

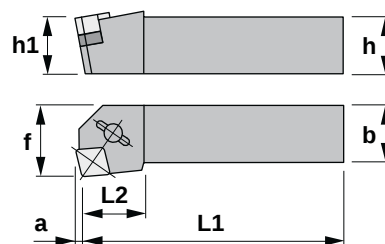




Characteristics:

Toolholder for face turning applications equipped with rhombic negative inserts (angle 80°).

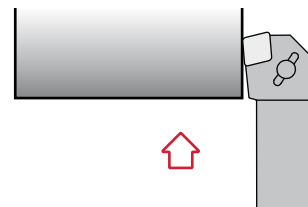
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Plandrehen mit einer rhombischen negativen Wendeschneidplatte (80° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



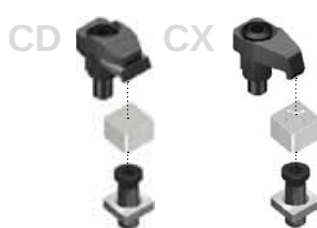
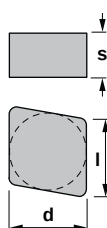
CCKN 75°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	 Kg
□□□N R□□2525 □12□4□□	25	25	150	29	32	3,10	□NGN 1204□□	0,750
□□□N R□□2525 □12□7□□	25	25	150	29	32	3,10	□NGN 1207□□	0,750
□□□N R□□3225 P12□4□□	32	25	170	29	32	3,10	□NGN 1204□□	1,050
□□□N R□□3225 P12□7□□	32	25	170	29	32	3,10	□NGN 1207□□	1,050
□□□N R□□2525 □12□4□□	25	25	150	29	32	3,10	□NG□ 1204□□	0,750
□□□N R□□2525 □12□7□□	25	25	150	29	32	3,10	□NG□ 1207□□	0,750
□□□N R□□3225 P12□4□□	32	25	170	29	32	3,10	□NG□ 1204□□	1,050
□□□N R□□3225 P12□7□□	32	25	170	29	32	3,10	□NG□ 1207□□	1,050

Reference Bezeichnung							Nm
□□□N R□□2525 □12□4□□	□□SN 454	1160	9414	2417	□	5004	3,5
□□□N R□□2525 □12□7□□	□□SN 434	1160	9414	2417	□	5004	3,5
□□□N R□□3225 P12□4□□	□□SN 454	1160	9414	2417	□	5004	3,5
□□□N R□□3225 P12□7□□	□□SN 434	1160	9414	2417	□	5004	3,5
□□□N R□□2525 □12□4□□	□□SN 454	1160	□	□	2471	5004	3,5
□□□N R□□2525 □12□7□□	□□SN 434	1160	□	□	2471	5004	3,5
□□□N R□□3225 P12□4□□	□□SN 454	1160	□	□	2471	5004	3,5
□□□N R□□3225 P12□7□□	□□SN 434	1160	□	□	2471	5004	3,5

CNG.. 80° rhombic negative inserts. 80° rhombische negative Wendeschneidplatten. D03

Reference / Bez.	l	s	d
□NG□1204□□	12,90	4,76	12,70
□NG□1207□□	12,90	7,94	12,70



CNGN



CNGX

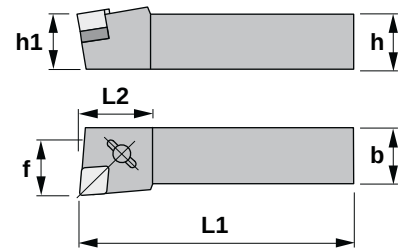




Characteristics:

Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80°).

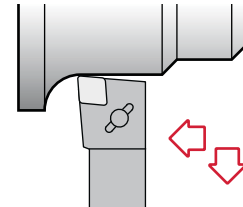
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



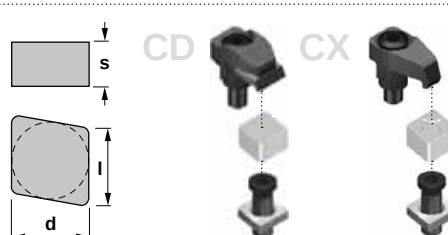
CCLN 95°

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
□□□N R□□2525 □12□4□□	25	25	150	34	32	□NGN 1204□□	0,750
□□□N R□□2525 □12□7□□	25	25	150	34	32	□NGN 1207□□	0,750
□□□N R□□3225 P12□4□□	32	25	170	34	32	□NGN 1204□□	1,050
□□□N R□□3225 P12□7□□	32	25	170	34	32	□NGN 1207□□	1,050
□□□N R□□2525 □16□□□	25	25	150	34	32	□NGN 1607□□	0,750
□□□N R□□3225 P16□□□	32	25	170	38	32	□NGN 1607□□	1,050
□□□N R□□2525 □12□4□□	25	25	150	34	32	□NG□ 1204□□	0,750
□□□N R□□2525 □12□7□□	25	25	150	34	32	□NG□ 1207□□	0,750
□□□N R□□3225 P12□4□□	32	25	170	34	32	□NG□ 1204□□	1,050
□□□N R□□3225 P12□7□□	32	25	170	34	32	□NG□ 1207□□	1,050
□□□N R□□2525 □16□□□	25	25	150	34	32	□NG□ 1607□□	0,750
□□□N R□□3225 P16□□□	32	25	170	38	32	□NG□ 1607□□	1,050

Reference Bezeichnung							Nm
□□□N R□□2525 □12□4□□	□□SN 454	1160	9414	2417	□	5004	3,5
□□□N R□□2525 □12□7□□	□□SN 434	1160	9414	2417	□	5004	3,5
□□□N R□□3225 P12□4□□	□□SN 454	1160	9414	2417	□	5004	3,5
□□□N R□□3225 P12□7□□	□□SN 434	1160	9414	2417	□	5004	3,5
□□□N R□□2525 □16□□□	□□SN 533	1180	9414	2417	□	5004	3,5
□□□N R□□3225 P16□□□	□□SN 533	1180	9414	2417	□	5004	3,5
□□□N R□□2525 □12□4□□	□□SN 454	1160	□	□	2415	5004	3,5
□□□N R□□2525 □12□7□□	□□SN 434	1160	□	□	2415	5004	3,5
□□□N R□□3225 P12□4□□	□□SN 454	1160	□	□	2415	5004	3,5
□□□N R□□3225 P12□7□□	□□SN 434	1160	□	□	2415	5004	3,5
□□□N R□□2525 □16□□□	□□SN 533	1180	□	□	2432	5004	3,5
□□□N R□□3225 P16□□□	□□SN 533	1180	□	□	2432	5004	3,5

CNG.. 80° rhombic negative inserts. D03

Reference / Bez.	l	s	d
□NG□1204□□	12,90	4,76	12,70
□NG□1207□□	12,90	7,94	12,70
□NG□1607□□	16,10	7,94	15,88



CNGN



CNGX

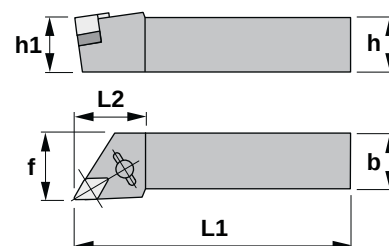




Characteristics:

Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°).

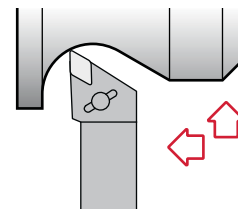
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Drehen und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



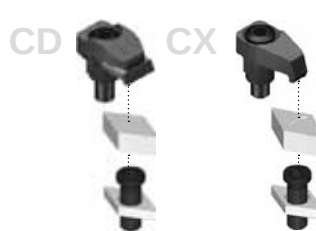
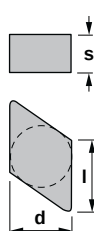
CDJN 93°

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	 Kg
□□□N R□□2525 □12□4□□	25	25	150	34	32	□NGN 1204□□	0,750
□□□N R□□2525 □12□7□□	25	25	150	34	32	□NGN 1207□□	0,750
□□□N R□□3225 P12□4□□	32	25	170	34	32	□NGN 1204□□	1,050
□□□N R□□3225 P12□7□□	32	25	170	34	32	□NGN 1207□□	1,050
□□□N R□□2525 □15□□□	25	25	150	38	32	□NGN 1507□□	0,750
□□□N R□□3225 P15□□□	32	25	170	38	32	□NGN 1507□□	1,050
□□□N R□□2525 □12□4□□	25	25	150	34	32	□NG□ 1204□□	0,750
□□□N R□□2525 □12□7□□	25	25	150	34	32	□NG□ 1207□□	0,750
□□□N R□□3225 P12□4□□	32	25	170	34	32	□NG□ 1204□□	1,050
□□□N R□□3225 P12□7□□	32	25	170	34	32	□NG□ 1207□□	1,050
□□□N R□□2525 □15□□□	25	25	150	38	32	□NG□ 1507□□	0,750
□□□N R□□3225 P15□□□	32	25	170	38	32	□NG□ 1507□□	1,050

Reference Bezeichnung							Nm
□□□N R□□2525 □12□4□□	□□SN 354	1150	9416	2413	□	5004	3,5
□□□N R□□2525 □12□7□□	□□SN 334	1150	9416	2413	□	5004	3,5
□□□N R□□3225 P12□4□□	□□SN 354	1150	9416	2413	□	5004	3,5
□□□N R□□3225 P12□7□□	□□SN 334	1150	9416	2413	□	5004	3,5
□□□N R□□2525 □15□□□	□□SN 434	1160	9416	2417	□	5004	3,5
□□□N R□□3225 P15□□□	□□SN 434	1160	9416	2417	□	5004	3,5
□□□N R□□2525 □12□4□□	□□SN 354	1150	□	□	2415	5004	3,5
□□□N R□□2525 □12□7□□	□□SN 334	1150	□	□	2415	5004	3,5
□□□N R□□3225 P12□4□□	□□SN 354	1150	□	□	2415	5004	3,5
□□□N R□□3225 P12□7□□	□□SN 334	1150	□	□	2415	5004	3,5
□□□N R□□2525 □15□□□	□□SN 434	1160	□	□	2432	5004	3,5
□□□N R□□3225 P15□□□	□□SN 434	1160	□	□	2432	5004	3,5

DNG.. 55° rhombic negative inserts. 55° rhombische negative Wendeschneidplatten. D03-04

Reference / Bez.	l	s	d
□NG□1204□□	12,20	4,76	10,00
□NG□1207□□	12,20	7,94	10,00
□NG□1507□□	15,50	7,94	12,70



DNGN



DNGX

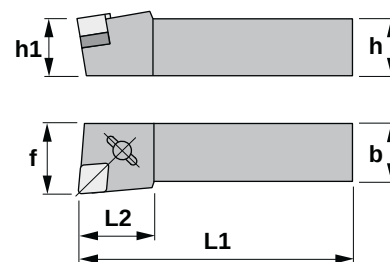




Characteristics:

Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 75°).

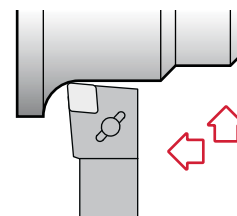
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (75° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CELN 97°30'

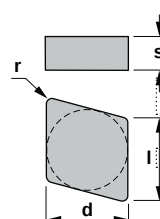
Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
□E□N R□□2020 □13□□□	20	20	125	34	25	ENG 1307□□	0,400
□E□N R□□2525 □13□□□	25	25	150	34	32	ENG 1307□□	0,750
□E□N R□□3225 P13□□□	32	25	170	34	32	ENG 1307□□	1,050

Reference Bezeichnung						Nm
□E□N R□□2020 □13□□□	ESN 432	1161	9414	2417	5004	3,5
□E□N R□□2525 □13□□□	ESN 432	1160	9414	2417	5004	3,5
□E□N R□□3225 P13□□□	ESN 432	1160	9414	2417	5004	3,5

ENG 1307

75° rhombic negative insert.
75° rhombische negative Wendeschneidplatte. D04

Reference / Bez.	l	s	d
ENG 1307□□	13,12	7,94	12,70



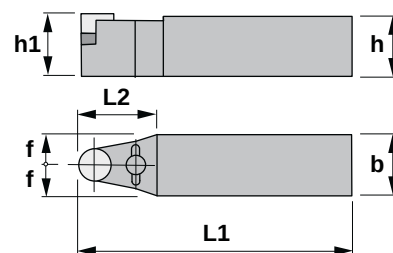
ENG 1307



**Characteristics:**

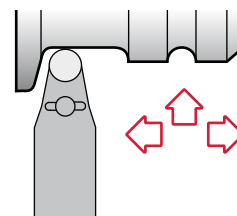
Profiling toolholder equipped with round positive insert.

For general applications, roughing, semi-finishing and finishing.

**Eigenschaften:**

Klemhalter zum Profildrehen mit einer runden positiven Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CRDC

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	kg
□R□□ N 2525 □06	25	25	150	28	12,5	R□G□ 0607□□	0,750
□R□□ N 2525 □09	25	25	150	20	12,5	R□G□ 0907□□	0,750
□R□□ N 3225 P09	32	25	170	20	12,5	R□G□ 0907□□	0,750
□R□□ N 2525 □12	25	25	150	25	12,5	R□G□ 1207□□	0,750
□R□□ N 3225 P12	32	25	170	25	12,5	R□G□ 1207□□	1,050
□R□□ N 2525 □15	25	25	150	30	12,5	R□G□ 1507□□	0,750
□R□□ N 3225 P15	32	25	170	30	12,5	R□G□ 1507□□	1,050
□R□□ N 3225 P19	32	25	170	42	12,5	R□G□ 1910□□	1,050
□R□□ N 3232 P19	32	32	170	42	16,0	R□G□ 1910□□	1,300
□R□□ N 3232 P25	32	32	170	45	16,0	R□G□ 2512□□	1,300

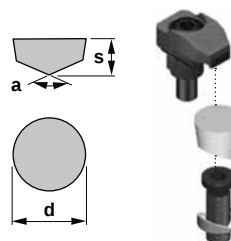
Reference Bezeichnung										Nm
□R□□ N 2525 □06	3806	□	□	1392	2120	1335	□ 5515	3807	3808	3:0
□R□□ N 2525 □09	3849	□	□	1335	2121	1250	□ 5520	□	□	4:0
□R□□ N 3225 P09	3849	□	□	1335	2121	1250	□ 5520	□	□	4:0
□R□□ N 2525 □12	3852	□	□	1350	2122	1260	□ 5525	□	□	5:0
□R□□ N 3225 P12	3852	□	□	1350	2122	1260	□ 5525	□	□	5:0
□R□□ N 2525 □15	□	3817	□	1230	2□ 2414	□ 5004	□	□	□	3:5
□R□□ N 3225 P15	□	3817	□	1230	2□ 2414	□ 5004	□	□	□	3:5
□R□□ N 3225 P19	□	3819	□	1230	2□ 2414	□ 5004	□	□	□	3:5
□R□□ N 3232 P19	□	3819	9414	1230	2□ 2414	□ 5004	□	□	□	3:5
□R□□ N 3232 P25	□	3835	9414	1230	2□ 2417	□ 5004	□	□	□	3:5

RCGX 0606.. RCGX 0604..
inserts inserts
Wendeplatten Wendeplatten

RCGX

Round positive insert with 7° clearance.
Runde positive Wendeschneidplatte mit 7° Freiwinkel. ⓘ D04

Reference / Bez.	a	s	d
R□G□ 0607□□	120□	7,94	6,35
R□G□ 0907□□	120□	7,94	9,52
R□G□ 1207□□	120□	7,94	12,70
R□G□ 1507□□	120□	7,94	15,87
R□G□ 1910□□	120□	10,00	19,05
R□G□ 1910□□	120□	10,00	19,05
R□G□ 2512□□	140□	12,00	25,40



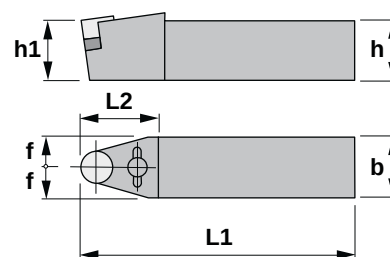
RCGX





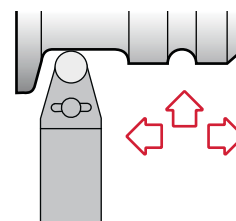
Characteristics:

Profiling multipurpose turning toolholder equipped with round negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Klemmhalter zum Profildrehen mit einer runden negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CRDN

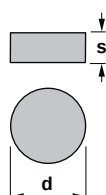
Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
□R□N N 2525 □12□4□□	25	25	150	34	12,5	RNGN 1204□□	0,750
□R□N N 2525 □12□7□□	25	25	150	34	12,5	RNGN 1207□□	0,750
□R□N N 3225 P12□4□□	32	25	170	34	12,5	RNGN 1204□□	1,050
□R□N N 3225 P12□7□□	32	25	170	34	12,5	RNGN 1207□□	1,050
□R□N N 2525 □15□7□□	25	25	150	34	12,5	RNGN 1507□□	0,750
□R□N N 3225 P15□7□□	32	25	170	42	12,5	RNGN 1507□□	1,050
□R□N N 3225 P19□7□□	32	25	170	42	12,5	RNGN 1907□□	1,050
□R□N N 3232 P25□7□□	32	32	170	42	16,0	RNGN 2507□□	1,300

Reference Bezeichnung						Nm
□R□N N 2525 □12□4□□	□RSN 45	1160	2413	9414	5004	3,5
□R□N N 2525 □12□7□□	□RSN 43	1160	2413	9414	5004	3,5
□R□N N 3225 P12□4□□	□RSN 45	1160	2413	9414	5004	3,5
□R□N N 3225 P12□7□□	□RSN 43	1160	2413	9414	5004	3,5
□R□N N 2525 □15□7□□	□RSN 53	1180	2417	9414	5004	3,5
□R□N N 3225 P15□7□□	□RSN 53	1180	2417	9414	5004	3,5
□R□N N 3225 P19□7□□	3919	1182	2417	9414	5004	3,5
□R□N N 3232 P25□7□□	3925	1192	2417	9414	5004	3,5

RNGN

Round negative insert.
Runde negative Wendeschneidplatte. D04

Reference / Bez.	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



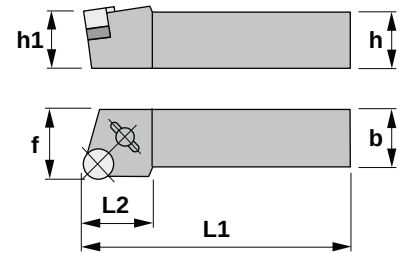
RNGN





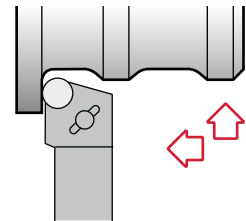
Characteristics:

Profiling multipurpose turning toolholder equipped with round negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Klemmhalter zum Profildrehen mit einer runden negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CRSN

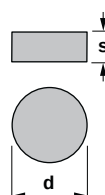
Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	Kg
□RSN R□□2525 □12□4□□	25	25	150	34	32	RNGN 1204□□	0,750
□RSN R□□2525 □12□7□□	25	25	150	34	32	RNGN 1207□□	0,750
□RSN R□□3225 P12□4□□	32	25	170	34	32	RNGN 1204□□	1,050
□RSN R□□3225 P12□7□□	32	25	170	34	32	RNGN 1207□□	1,050

Reference Bezeichnung						Nm
□RSN R□□2525 □12□4□□	□RSN 45	1160	2413	9414	5004	3,5
□RSN R□□2525 □12□7□□	□RSN 43	1160	2413	9414	5004	3,5
□RSN R□□3225 P12□4□□	□RSN 45	1160	2413	9414	5004	3,5
□RSN R□□3225 P12□7□□	□RSN 43	1160	2413	9414	5004	3,5

RNGN

Round negative insert.
Runde negative Wendeschneidplatte. D04

Reference / Bez.	s	d
RNGN 1204□□	4,76	12,70
RNGN 1207□□	7,94	12,70



RNGN

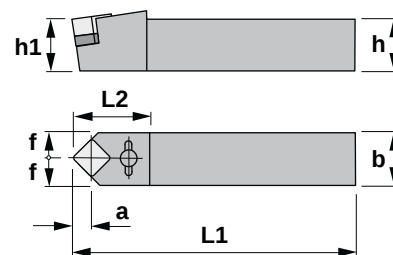




Characteristics:

Toolholder for external turning and chamfering applications equipped with square negative inserts.

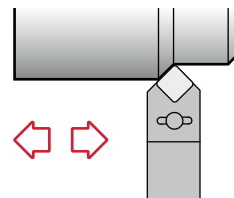
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Außendreien und Abschrägen mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



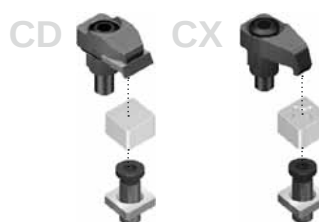
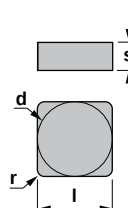
CSDN 45°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	kg
□S□N N 2525 □12□4□□	25	25	150	42	12,5	8,32	SNGN 1204□□	0,750
□S□N N 2525 □12□7□□	25	25	150	42	12,5	8,32	SNGN 1207□□	0,750
□S□N N 3225 P12□4□□	32	25	170	42	12,5	8,32	SNGN 1204□□	1,050
□S□N N 3225 P12□7□□	32	25	170	42	12,5	10,23	SNGN 1207□□	1,050
□S□N N 2525 □15□□□	25	25	150	42	12,5	8,32	SNGN 1507□□	0,750
□S□N N 3225 P15□□□	32	25	170	42	12,5	10,23	SNGN 1507□□	1,050
□S□N N 2525 □12□4□□	25	25	150	42	12,5	8,32	SNG□ 1204□□	0,750
□S□N N 2525 □12□7□□	25	25	150	42	12,5	8,32	SNG□ 1207□□	0,750
□S□N N 3225 P12□4□□	32	25	170	42	12,5	8,32	SNG□ 1204□□	1,050
□S□N N 3225 P12□7□□	32	25	170	42	12,5	8,32	SNG□ 1207□□	1,050
□S□N N 2525 □15□□□	25	25	150	42	12,5	10,23	SNG□ 1507□□	0,750
□S□N N 3225 P15□□□	32	25	170	42	12,5	10,23	SNG□ 1507□□	1,050

Reference Bezeichnung							Nm
□S□N N 2525 □12□4□□	□SSN 454	1160	9414	2417	□	5004	3,5
□S□N N 2525 □12□7□□	□SSN 434	1160	9414	2417	□	5004	3,5
□S□N N 3225 P12□4□□	□SSN 454	1160	9414	2417	□	5004	3,5
□S□N N 3225 P12□7□□	□SSN 434	1160	9414	2417	□	5004	3,5
□S□N N 2525 □15□□□	□SSN 534	1180	9414	2417	□	5004	3,5
□S□N N 3225 P15□□□	□SSN 534	1180	9414	2417	□	5004	3,5
□S□N N 2525 □12□4□□	□SSN 454	1160	□	□	2415	5004	3,5
□S□N N 2525 □12□7□□	□SSN 434	1160	□	□	2415	5004	3,5
□S□N N 3225 P12□4□□	□SSN 454	1160	□	□	2415	5004	3,5
□S□N N 3225 P12□7□□	□SSN 434	1160	□	□	2415	5004	3,5
□S□N N 2525 □15□□□	□SSN 534	1180	□	□	2415	5004	3,5
□S□N N 3225 P15□□□	□SSN 534	1180	□	□	2415	5004	3,5

SNG.. Square negative inserts. Vierkantige negative Wendeschneidplatten. i D05-06

Reference / Bez.	l	s	d
SNG□1204□□	12,70	4,76	12,70
SNG□1207□□	12,70	7,94	12,70
SNG□1507□□	15,87	7,94	15,87



SNGN



SNGX

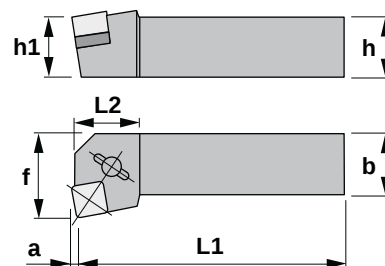




Characteristics:

Toolholder for face turning applications equipped with square negative inserts and strong cutting edges.

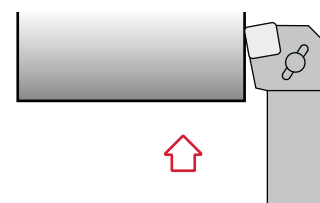
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Plandrehen mit einer vierkantigen negativen Wendeschneidplatte mit verstärkten Schnittkanten.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



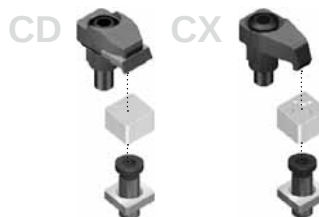
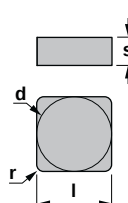
CSKN 75°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	kg
□S□N R□□2525 □12□4□□	25	25	150	34	32	3,06	SNGN 1204□□	0,750
□S□N R□□2525 □12□7□□	25	25	150	34	32	3,06	SNGN 1207□□	0,750
□S□N R□□3225 P12□4□□	32	25	170	34	32	3,06	SNGN 1204□□	1,050
□S□N R□□3225 P12□7□□	32	25	170	34	32	3,06	SNGN 1207□□	1,050
□S□N R□□2525 □15□□□	25	25	150	34	32	3,77	SNGN 1507□□	0,750
□S□N R□□3225 P15□□□	32	25	170	34	32	3,77	SNGN 1507□□	1,050
□S□N R□□2525 □12□4□□	25	25	150	34	32	3,06	SNG□ 1204□□	0,750
□S□N R□□2525 □12□7□□	25	25	150	34	32	3,06	SNG□ 1207□□	0,750
□S□N R□□3225 P12□4□□	32	25	170	34	32	3,06	SNG□ 1207□□	1,050
□S□N R□□3225 P12□7□□	32	25	170	34	32	3,06	SNG□ 1207□□	1,050
□S□N R□□2525 □15□□□	25	25	150	34	32	3,77	SNG□ 1507□□	0,750
□S□N R□□3225 P15□□□	32	25	170	34	32	3,77	SNG□ 1507□□	1,050
□S□N R□□4040 P15□□□	40	40	170	34	50	3,77	SNG□ 1507□□	1,300

Reference Bezeichnung							Nm
□S□N R□□2525 □12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
□S□N R□□2525 □12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
□S□N R□□3225 P12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
□S□N R□□3225 P12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
□S□N R□□2525 □15□□□	SSN 534	1180	9414	2417	□	5004	3,5
□S□N R□□3225 P15□□□	SSN 534	1180	9414	2417	□	5004	3,5
□S□N R□□2525 □12□4□□	SSN 454	1160	□	□	2415	5004	3,5
□S□N R□□2525 □12□7□□	SSN 434	1160	□	□	2415	5004	3,5
□S□N R□□3225 P12□4□□	SSN 454	1160	□	□	2415	5004	3,5
□S□N R□□3225 P12□7□□	SSN 434	1160	□	□	2415	5004	3,5
□S□N R□□2525 □15□□□	SSN 534	1180	□	□	2415	5004	3,5
□S□N R□□3225 P15□□□	SSN 534	1180	□	□	2415	5004	3,5
□S□N R□□4040 P15□□□	SSN 534	1180	□	□	2415	5004	3,5

SNG.. Square negative inserts. Vierkantige negative Wendeschneidplatten. D05-06

Reference / Bez.	l	s	d
SNG□□1204□□	12,70	4,76	12,70
SNG□□1207□□	12,70	7,94	12,70
SNG□□1507□□	15,87	7,94	15,87



SNGN



SNGX

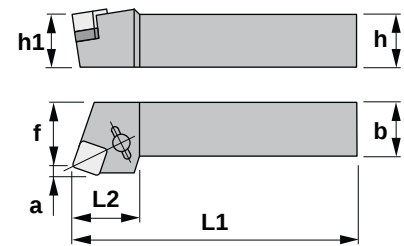




Characteristics:

Toolholder for external turning applications equipped with square negative inserts.

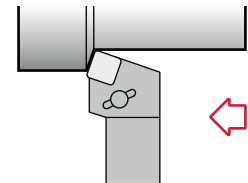
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außendreien mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



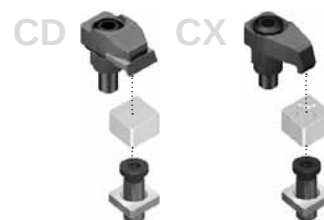
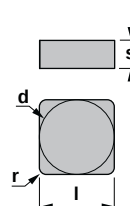
CSRN 75°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	Kg
□SRN R□2525 □12□4□□	25	25	150	34	27	3,06	SNGN 1204□□	0,750
□SRN R□2525 □12□7□□	25	25	150	34	27	3,06	SNGN 1207□□	0,750
□SRN R□3225 P12□4□□	32	25	170	34	27	3,06	SNGN 1204□□	1,050
□SRN R□3225 P12□7□□	32	25	170	34	27	3,06	SNGN 1207□□	1,050
□SRN R□2525 □15□□□	25	25	150	34	27	3,77	SNGN 1507□□	0,750
□SRN R□3225 P15□□□	32	25	170	38	27	3,77	SNGN 1507□□	1,050
□SRN R□3232 P19□□□	32	32	170	42	35	4,50	SNGN 1907□□	1,150
□SRN R□4040 P19□□□	40	40	170	42	43	4,50	SNGN 1907□□	1,300
□SRN R□2525 □12□4□□	25	25	150	34	27	3,06	SNG□1204□□	0,750
□SRN R□2525 □12□7□□	25	25	150	34	27	3,06	SNG□1207□□	0,750
□SRN R□3225 P12□4□□	32	25	170	34	27	3,06	SNG□1204□□	1,050
□SRN R□3225 P12□7□□	32	25	170	34	27	3,06	SNG□1207□□	1,050
□SRN R□2525 □15□□□	25	25	150	34	27	3,77	SNG□1507□□	0,750
□SRN R□3225 P15□□□	32	25	170	38	27	3,77	SNG□1507□□	1,050

Reference Bezeichnung							Nm
□SRN R□2525 □12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
□SRN R□2525 □12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
□SRN R□3225 P12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
□SRN R□3225 P12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
□SRN R□2525 □15□□□	SSN 534	1180	9414	2417	□	5004	3,5
□SRN R□3225 P15□□□	SSN 534	1180	9414	2417	□	5004	3,5
□SRN R□3232 P19□□□	3519	1182	9414	2417	□	5004	3,5
□SRN R□4040 P19□□□	3519	1182	9414	2417	□	5004	3,5
□SRN R□2525 □12□4□□	SSN 454	1160	□	□	2415	5004	3,5
□SRN R□2525 □12□7□□	SSN 434	1160	□	□	2415	5004	3,5
□SRN R□3225 P12□4□□	SSN 454	1160	□	□	2415	5004	3,5
□SRN R□3225 P12□7□□	SSN 434	1160	□	□	2415	5004	3,5
□SRN R□2525 □15□□□	SSN 534	1180	□	□	2415	5004	3,5
□SRN R□3225 P15□□□	SSN 534	1180	□	□	2415	5004	3,5

SNG.. Square negative inserts. Vierkantige negative Wendeschneidplatten. D05-06

Reference / Bez.	l	s	d
SNG□1204□□	12,70	4,76	12,70
SNG□1207□□	12,70	7,94	12,70
SNG□1507□□	15,87	7,94	15,87



SNGN



SNGX

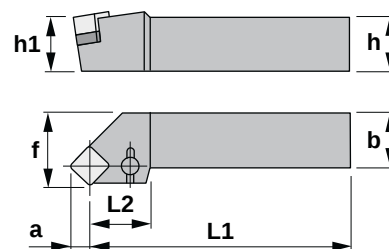




Characteristics:

Toolholder for external turning and chamfering applications equipped with square negative inserts.

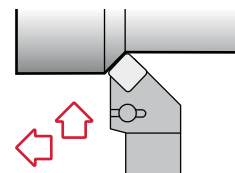
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außendrehen und Abschrägen mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



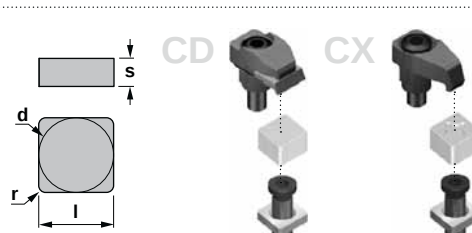
CSSN 45°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	 kg
□SSN R□2525 □12□4□□	25	25	150	35	32	8,32	SNGN 1204□□	0,750
□SSN R□2525 □12□7□□	25	25	150	35	32	8,32	SNGN 1207□□	0,750
□SSN R□3225 P12□4□□	32	25	170	35	32	8,32	SNGN 1204□□	1,050
□SSN R□3225 P12□7□□	32	25	170	35	32	8,32	SNGN 1207□□	1,050
□SSN R□2525 □15□□□	25	25	150	37	32	10,23	SNGN 1507□□	0,750
□SSN R□3225 P15□□□	32	25	170	37	32	10,23	SNGN 1507□□	1,050
□SSN R□3232 P19□□□	32	32	170	37	40	12,50	SNGN 1907□□	1,150
□SSN R□4040 P19□□□	40	40	170	37	50	12,50	SNGN 1907□□	1,300
□SSN R□2525 □12□4□□	25	25	150	35	32	8,32	SNG□ 1204□□	0,750
□SSN R□2525 □12□7□□	25	25	150	35	32	8,32	SNG□ 1207□□	0,750
□SSN R□3225 P12□4□□	32	25	170	35	32	8,32	SNG□ 1204□□	1,050
□SSN R□3225 P12□7□□	32	25	170	35	32	8,32	SNG□ 1207□□	1,050
□SSN R□2525 □15□□□	25	25	150	37	32	10,23	SNG□ 1507□□	0,750
□SSN R□3225 P15□□□	32	25	170	37	32	10,23	SNG□ 1507□□	1,050

Reference Bezeichnung							Nm
□SSN R□2525 □12□4□□	□SSN 454	1160	9414	2417	□	5004	3,5
□SSN R□2525 □12□7□□	□SSN 434	1160	9414	2417	□	5004	3,5
□SSN R□3225 P12□4□□	□SSN 454	1160	9414	2417	□	5004	3,5
□SSN R□3225 P12□7□□	□SSN 434	1160	9414	2417	□	5004	3,5
□SSN R□2525 □15□□□	□SSN 534	1180	9414	2417	□	5004	3,5
□SSN R□3225 P15□□□	□SSN 534	1180	9414	2417	□	5004	3,5
□SSN R□3232 P19□□□	3519	1182	9414	2417	□	5004	3,5
□SSN R□4040 P19□□□	3519	1182	9414	2417	□	5004	3,5
□SSN R□2525 □12□4□□	□SSN 454	1160	□	□	2415	5004	3,5
□SSN R□2525 □12□7□□	□SSN 434	1160	□	□	2415	5004	3,5
□SSN R□3225 P12□4□□	□SSN 454	1160	□	□	2415	5004	3,5
□SSN R□3225 P12□7□□	□SSN 434	1160	□	□	2415	5004	3,5
□SSN R□2525 □15□□□	□SSN 534	1180	□	□	2415	5004	3,5
□SSN R□3225 P15□□□	□SSN 534	1180	□	□	2415	5004	3,5

SNG.. Square negative inserts. Vierkantige negative Wendeschneidplatten. D05-06

Reference / Bez.	l	s	d
SNG□1204□□	12,70	4,76	12,70
SNG□1207□□	12,70	7,94	12,70
SNG□1507□□	15,87	7,94	15,87



SNGN

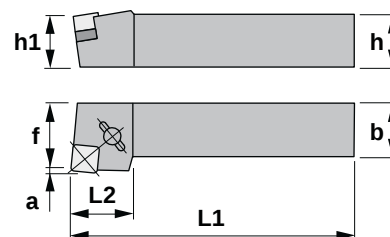
SNGX




Characteristics:

Toolholder for external turning applications equipped with square negative inserts.

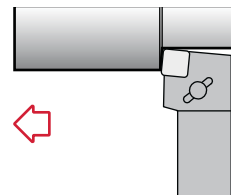
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Außendrehen mit einer vierkantigen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



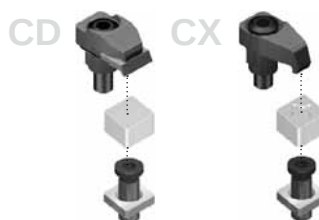
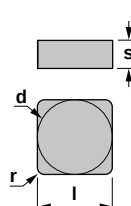
CSXN 85°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	KG
□S□N R□2525 □12□4□□	25	25	150	30	32	1,03	SNGN 1204□□	0,750
□S□N R□2525 □12□7□□	25	25	150	30	32	1,03	SNGN 1207□□	0,750
□S□N R□3225 P12□4□□	32	25	170	30	32	1,03	SNGN 1204□□	1,050
□S□N R□3225 P12□7□□	32	25	170	30	32	1,03	SNGN 1207□□	1,050
□S□N R□2525 □15□□□	25	25	150	33	32	1,38	SNGN 1507□□	0,750
□S□N R□3225 P15□□□	32	25	170	33	32	1,38	SNGN 1507□□	1,050
□S□N R□2525 □12□4□□	25	25	150	30	32	1,03	SNG□ 1204□□	0,750
□S□N R□2525 □12□7□□	25	25	150	30	32	1,03	SNG□ 1207□□	0,750
□S□N R□3225 P12□4□□	32	25	170	30	32	1,03	SNG□ 1204□□	1,050
□S□N R□3225 P12□7□□	32	25	170	30	32	1,03	SNG□ 1207□□	1,050
□S□N R□2525 □15□□□	25	25	150	33	32	1,38	SNG□ 1507□□	0,750
□S□N R□3225 P15□□□	32	25	170	33	32	1,38	SNG□ 1507□□	1,050

Reference Bezeichnung							Nm
□S□N R□2525 □12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
□S□N R□2525 □12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
□S□N R□3225 P12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
□S□N R□3225 P12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
□S□N R□2525 □15□□□	SSN 534	1180	9414	2417	□	5004	3,5
□S□N R□3225 P15□□□	SSN 534	1180	9414	2417	□	5004	3,5
□S□N R□2525 □12□4□□	SSN 454	1160	□	□	2415	5004	3,5
□S□N R□2525 □12□7□□	SSN 434	1160	□	□	2415	5004	3,5
□S□N R□3225 P12□4□□	SSN 454	1160	□	□	2415	5004	3,5
□S□N R□3225 P12□7□□	SSN 434	1160	□	□	2415	5004	3,5
□S□N R□2525 □15□□□	SSN 534	1180	□	□	2415	5004	3,5
□S□N R□3225 P15□□□	SSN 534	1180	□	□	2415	5004	3,5

SNG.. Square negative inserts. Vierkantige negative Wendeschneidplatten. i D05-06

Reference / Bez.	l	s	d
SNG□1204□□	12,70	4,76	12,70
SNG□1207□□	12,70	7,94	12,70
SNG□1507□□	15,87	7,94	15,87



SNGN



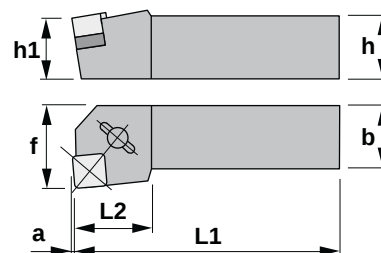
SNGX





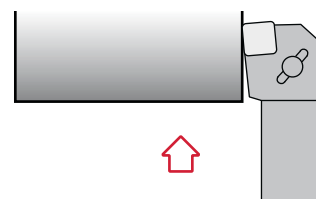
Characteristics:

Toolholder for front turning applications equipped with square negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Plandrehen mit einer vierkantigen negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



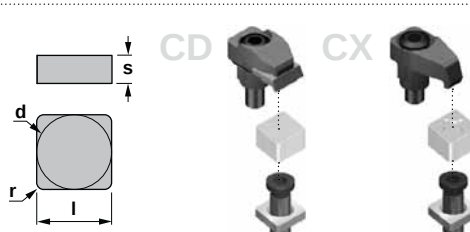
CSYN 85°

Reference Bezeichnung	h=h1	b	L1	L2	f	a	Insert size Wendeschneidplatte	Kg
□S□N R□□2525 □12□4□□	25	25	150	27	32	1,03	SNGN 1204□□	0,750
□S□N R□□2525 □12□7□□	25	25	150	27	32	1,03	SNGN 1207□□	0,750
□S□N R□□3225 P12□4□□	32	25	170	27	32	1,03	SNGN 1204□□	1,050
□S□N R□□3225 P12□7□□	32	25	170	27	32	1,03	SNGN 1207□□	1,050
□S□N R□□2525 □15□□□	25	25	150	27	32	1,38	SNGN 1507□□	0,750
□S□N R□□3225 P15□□□	32	25	170	27	32	1,38	SNGN 1507□□	1,050
□S□N R□□2525 □12□4□□	25	25	150	27	32	1,03	SNG□ 1204□□	0,750
□S□N R□□2525 □12□7□□	25	25	150	27	32	1,03	SNG□ 1207□□	0,750
□S□N R□□3225 P12□4□□	32	25	170	27	32	1,03	SNG□ 1204□□	1,050
□S□N R□□3225 P12□7□□	32	25	170	27	32	1,03	SNG□ 1207□□	1,050
□S□N R□□2525 □15□□□	25	25	150	27	32	1,38	SNG□ 1507□□	0,750
□S□N R□□3225 P15□□□	32	25	170	27	32	1,38	SNG□ 1507□□	1,050

Reference Bezeichnung							Nm
□S□N R□□2525 □12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
□S□N R□□2525 □12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
□S□N R□□3225 P12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
□S□N R□□3225 P12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
□S□N R□□2525 □15□□□	SSN 534	1180	9414	2417	□	5004	3,5
□S□N R□□3225 P15□□□	SSN 534	1180	9414	2417	□	5004	3,5
□S□N R□□2525 □12□4□□	SSN 454	1160	□	□	2415	5004	3,5
□S□N R□□2525 □12□7□□	SSN 434	1160	□	□	2415	5004	3,5
□S□N R□□3225 P12□4□□	SSN 454	1160	□	□	2415	5004	3,5
□S□N R□□3225 P12□7□□	SSN 434	1160	□	□	2415	5004	3,5
□S□N R□□2525 □15□□□	SSN 534	1180	□	□	2415	5004	3,5
□S□N R□□3225 P15□□□	SSN 534	1180	□	□	2415	5004	3,5

SNG.. Square negative inserts. Vierkantige negative Wendeschneidplatten. D05-06

Reference / Bez.	l	s	d
SNG□□1204□□	12,70	4,76	12,70
SNG□□1207□□	12,70	7,94	12,70
SNG□□1507□□	15,87	7,94	15,87



SNGN



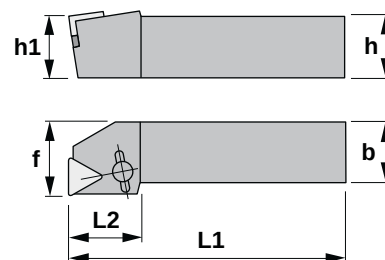
SNGX





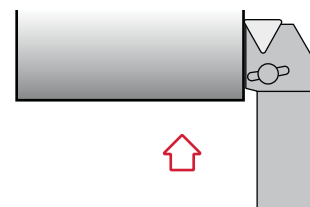
Characteristics:

Toolholder for face turning applications equipped with triangular negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Plandrehen mit einer dreikantigen negativen Wendeschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CTFN 90°

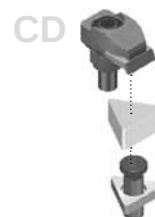
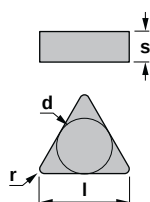
Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	 Kg
□T□N R□□2525 □16□4□□	25	25	150	29	32	TNGN 1604□□	0,750
□T□N R□□2525 □16□7□□	25	25	150	29	32	TNGN 1607□□	0,750
□T□N R□□3225 P16□4□□	32	25	170	29	32	TNGN 1604□□	1,050
□T□N R□□3225 P16□7□□	32	25	170	29	32	TNGN 1607□□	1,050

Reference Bezeichnung						Nm
□T□N R□□2525 □16□4□□	□TSN 342	1150	9416	2413	5004	3,5
□T□N R□□2525 □16□7□□	□TSN 324	1150	9416	2413	5004	3,5
□T□N R□□3225 P16□4□□	□TSN 342	1150	9416	2417	5004	3,5
□T□N R□□3225 P16□7□□	□TSN 324	1150	9416	2417	5004	3,5

TNGN

Triangular negative insert.
Dreikantige negative Wendeschneidplatte.  D06

Reference / Bez.	l	s	d
TNGN 1604□□	16,50	4,76	9,52
TNGN 1607□□	16,50	7,94	9,52



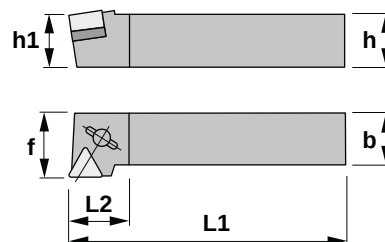
TNGN





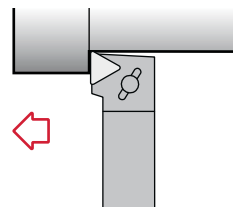
Characteristics:

Toolholder for external turning applications equipped with triangular negative inserts. For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Außendrehen mit einer dreikantigen negativen Wendschneidplatte. Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CTGN 90°

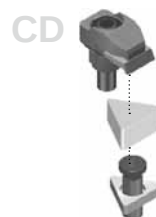
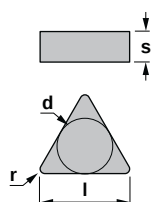
Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendschneidplatte	 Kg
□TGN R□□2525 □16□4□□	25	25	150	20	32	TNGN 1604□□	0,750
□TGN R□□2525 □16□7□□	25	25	150	20	32	TNGN 1607□□	0,750
□TGN R□□3225 P16□4□□	32	25	170	20	32	TNGN 1604□□	1,050
□TGN R□□3225 P16□7□□	32	25	170	20	32	TNGN 1607□□	1,050

Reference Bezeichnung						Nm
□TGN R□□2525 □16□4□□	□TSN 342	1150	9416	2413	5004	3,5
□TGN R□□2525 □16□7□□	□TSN 324	1150	9416	2413	5004	3,5
□TGN R□□3225 P16□4□□	□TSN 342	1150	9416	2413	5004	3,5
□TGN R□□3225 P16□7□□	□TSN 324	1150	9416	2413	5004	3,5

TNGN

Triangular negative insert.
Dreikantige negative Wendschneidplatte.  D06

Reference / Bez.	l	s	d
TNGN 1604□□	16,50	4,76	9,52
TNGN 1607□□	16,50	7,94	9,52



TNGN

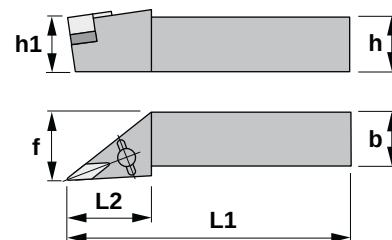




Characteristics:

External turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 35°).

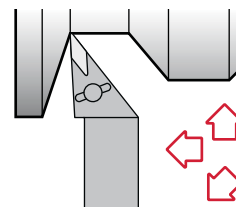
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemhalter zum Außen- und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (35° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CVJN 93°

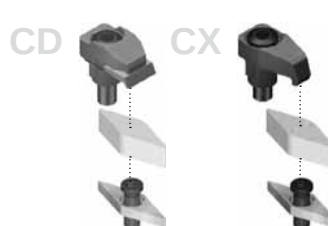
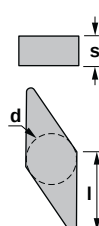
Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	
□□□N R□□2525 □16□4□□	25	25	150	41	32	□NG□1604□□	0,750
□□□N R□□2525 □16□7□□	25	25	150	41	32	□NG□1607□□	0,750
□□□N R□□3225 P16□4□□	32	25	170	41	32	□NG□1604□□	1,050
□□□N R□□3225 P16□7□□	32	25	170	41	32	□NG□1607□□	1,050
□□□N R□□2525 □16□4□□	25	25	150	41	32	□NG□1604□□	0,750
□□□N R□□2525 □16□7□□	25	25	150	41	32	□NG□1607□□	0,750
□□□N R□□3225 P16□4□□	32	25	170	41	32	□NG□1604□□	1,050
□□□N R□□3225 P16□7□□	32	25	170	41	32	□NG□1607□□	1,050

Reference Bezeichnung							Nm
□□□N R□□2525 □16□4□□	□□SN 342	1150	9416	2417	□	5004	3,5
□□□N R□□2525 □16□7□□	□□SN 322	1150	9416	2417	□	5004	3,5
□□□N R□□3225 P16□4□□	□□SN 342	1150	9416	2417	□	5004	3,5
□□□N R□□3225 P16□7□□	□□SN 322	1150	9416	2417	□	5004	3,5
□□□N R□□2525 □16□4□□	□□SN 342	1150	□	□	2428	5004	3,5
□□□N R□□2525 □16□7□□	□□SN 322	1150	□	□	2428	5004	3,5
□□□N R□□3225 P16□4□□	□□SN 342	1150	□	□	2428	5004	3,5
□□□N R□□3225 P16□7□□	□□SN 322	1150	□	□	2428	5004	3,5

VNG..

35° rhombic negative inserts.
35° rhombische negative Wendeschneidplatten.

Reference / Bez.	l	s	d
□NG□1604□□	16,50	4,76	9,52
□NG□1607□□	16,50	7,94	9,52



VNGN



VNGX

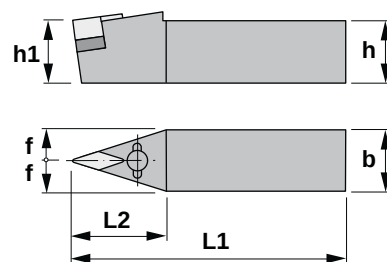




Characteristics:

External turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 35°).

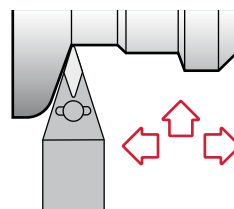
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Klemmhalter zum Außen- und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (35° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CVVN 62°30'

Reference Bezeichnung	h=h1	b	L1	L2	f	Insert size Wendeschneidplatte	
□□□N N 2525 □ 16 □ 4 □ □	25	25	150	45	12,5	□NG□ 1604 □ □	0,750
□□□N N 2525 □ 16 □ 7 □ □	25	25	150	45	12,5	□NG□ 1607 □ □	0,750
□□□N N 3225 P16 □ 4 □ □	32	25	170	45	12,5	□NG□ 1604 □ □	1,050
□□□N N 3225 P16 □ 7 □ □	32	25	170	45	12,5	□NG□ 1607 □ □	1,050
□□□N N 2525 □ 16 □ 4 □ □	25	25	150	45	12,5	□NG□ 1604 □ □	0,750
□□□N N 2525 □ 16 □ 7 □ □	25	25	150	45	12,5	□NG□ 1607 □ □	0,750
□□□N N 3225 P16 □ 4 □ □	32	25	170	45	12,5	□NG□ 1604 □ □	1,050
□□□N N 3225 P16 □ 7 □ □	32	25	170	45	12,5	□NG□ 1607 □ □	1,050

Reference Bezeichnung							Nm
□□□N N 2525 □ 16 □ 4 □ □	□□SN 342	1150	9416	2417	□	5004	3,5
□□□N N 2525 □ 16 □ 7 □ □	□□SN 322	1150	9416	2417	□	5004	3,5
□□□N N 3225 P16 □ 4 □ □	□□SN 342	1150	9416	2417	□	5004	3,5
□□□N N 3225 P16 □ 7 □ □	□□SN 322	1150	9416	2417	□	5004	3,5
□□□N N 2525 □ 16 □ 4 □ □	□□SN 342	1150	□	□	2428	5004	3,5
□□□N N 2525 □ 16 □ 7 □ □	□□SN 322	1150	□	□	2428	5004	3,5
□□□N N 3225 P16 □ 4 □ □	□□SN 342	1150	□	□	2428	5004	3,5
□□□N N 3225 P16 □ 7 □ □	□□SN 322	1150	□	□	2428	5004	3,5

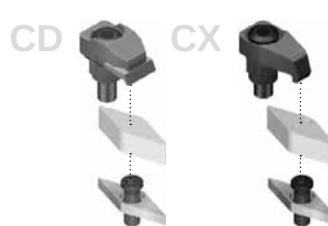
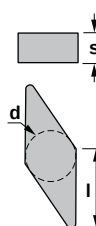
VNG..

35° rhombic negative inserts.
35° rhombische negative Wendeschneidplatten.

Reference / Bez.

l s d

□NG□ 1604 □ □	16,50	4,76	9,52
□NG□ 1607 □ □	16,50	7,94	9,52



VNGN



VNGX

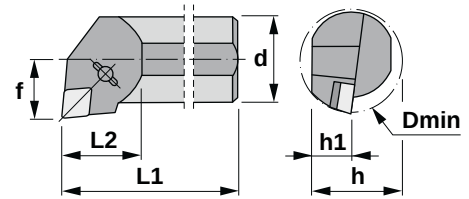




Characteristics:

Multipurpose boring bar equipped with rhombic negative double-sided insert (angle 80°).

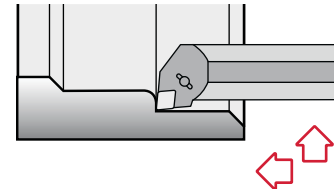
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Multifunktions-Bohrstange mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



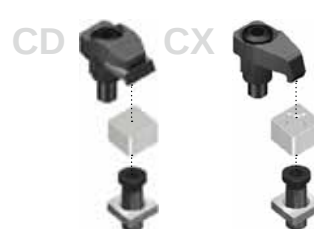
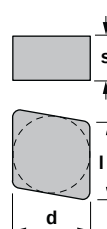
CCLN 95°

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	kg
S32S □□□N R□□12□7□□	32	15,0	250	40	22	30	40	□NGN 1207□□	1,450
S40T □□□N R□□12□4□□	40	18,5	300	35	27	37	70	□NGN 1204□□	2,700
S40T □□□N R□□12□7□□	40	18,5	300	35	27	37	70	□NGN 1207□□	2,700
S50□ □□□N R□□12□4□□	50	23,5	350	38	32	47	70	□NGN 1204□□	4,950
S50□ □□□N R□□12□7□□	50	23,5	350	38	32	47	70	□NGN 1207□□	4,950
S32S □□□N R□□12□7□□	32	15,0	250	40	22	30	40	□NG□ 1207□□	1,450
S40T □□□N R□□12□4□□	40	18,5	300	35	27	37	70	□NG□ 1204□□	2,700
S40T □□□N R□□12□7□□	40	18,5	300	35	27	37	70	□NG□ 1207□□	2,700
S50□ □□□N R□□12□4□□	50	23,5	350	38	32	47	70	□NG□ 1204□□	4,950
S50□ □□□N R□□12□7□□	50	23,5	350	38	32	47	70	□NG□ 1207□□	4,950

Reference Bezeichnung							Nm
S32S □□□N R□□12□7□□	□	□	9414	2417	□	5004	3,5
S40T □□□N R□□12□4□□	□SN 454	1161	9414	2417	□	5004	3,5
S40T □□□N R□□12□7□□	□SN 434	1161	9414	2417	□	5004	3,5
S50□ □□□N R□□12□4□□	□SN 454	1160	9414	2417	□	5004	3,5
S50□ □□□N R□□12□7□□	□SN 434	1160	9414	2417	□	5004	3,5
S32S □□□N R□□12□7□□	□	□	□	□	2415	5004	3,5
S40T □□□N R□□12□4□□	□SN 454	1161	□	□	2415	5004	3,5
S40T □□□N R□□12□7□□	□SN 434	1161	□	□	2415	5004	3,5
S50□ □□□N R□□12□4□□	□SN 454	1160	□	□	2415	5004	3,5
S50□ □□□N R□□12□7□□	□SN 434	1160	□	□	2415	5004	3,5

CNG.. 80° rhombic negative inserts. 80° rhombische negative Wendeschneidplatten. D03

Reference / Bez.	l	s	d
□NG□1204□□	12,90	4,76	12,70
□NG□1207□□	12,90	7,94	12,70



CNGN



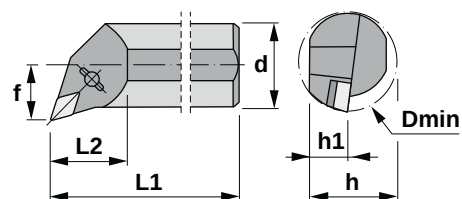
CNGX



**Characteristics:**

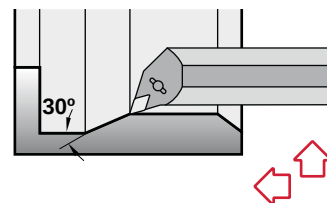
Profiling boring bar equipped with rhombic negative double-sided insert (angle 55°).

For general applications, roughing, semi-finishing and finishing.

**Eigenschaften:**

Bohrstange zum Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



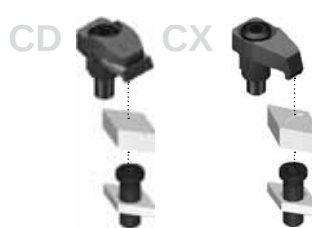
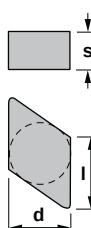
CDQN 107°30'

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	Kg
S32S □□□N R□□12□7□□	32	15,0	250	40	22	30	50	□NGN 1207□□	1,450
S40T □□□N R□□12□4□□	40	18,5	300	35	27	37	70	□NGN 1204□□	2,700
S40T □□□N R□□12□7□□	40	18,5	300	35	27	37	70	□NGN 1207□□	2,700
S50□ □□□N R□□15□□□	50	23,5	350	38	32	47	70	□NGN 1507□□	4,950
S32S □□□N R□□12□7□□	32	15,0	250	40	22	30	50	□NG□ 1207□□	1,450
S40T □□□N R□□12□4□□	40	18,5	300	35	27	37	70	□NG□ 1204□□	2,700
S40T □□□N R□□12□7□□	40	18,5	300	35	27	37	70	□NG□ 1207□□	2,700
S50□ □□□N R□□15□□□	50	23,5	350	38	32	47	70	□NG□ 1507□□	4,950

Reference Bezeichnung							Nm
S32S □□□N R□□12□7□□	□	□	9414	2413	□	5004	3,5
S40T □□□N R□□12□4□□	□SN 354	1151	9414	2413	□	5004	3,5
S40T □□□N R□□12□7□□	□SN 334	1151	9414	2413	□	5004	3,5
S50□ □□□N R□□15□□□	□SN 432	1160	9414	2417	□	5004	3,5
S32S □□□N R□□12□7□□	□	□	□	□	2415	5004	3,5
S40T □□□N R□□12□4□□	□SN 354	1151	□	□	2415	5004	3,5
S40T □□□N R□□12□7□□	□SN 334	1151	□	□	2415	5004	3,5
S50□ □□□N R□□15□□□	□SN 432	1160	□	□	2432	5004	3,5

DNG.. 55° rhombic negative inserts. D03-04

Reference / Bez.	l	s	d
□NG□1204□□	12,20	4,76	10,00
□NG□1207□□	12,20	7,94	10,00
□NG□1507□□	15,50	7,94	12,70

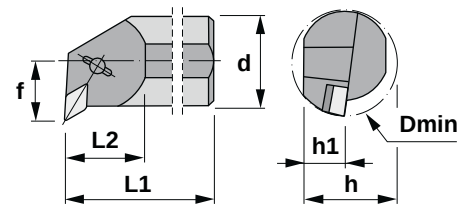
**DNGN****DNGX**



Characteristics:

Profiling boring bar equipped with rhombic negative double-sided insert (angle 55°).

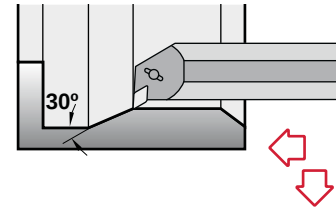
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Bohrstange zum Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



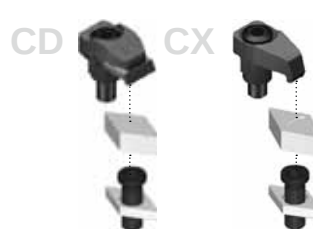
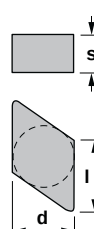
CDUN 93°

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	
S32S □□□N R□12□7□□	32	15,0	250	40	22	30	40	□NGN 1207□	1,450
S40T □□□N R□12□4□□	40	18,5	300	50	27	37	70	□NGN 1204□	2,700
S40T □□□N R□12□7□□	40	18,5	300	50	27	37	70	□NGN 1207□	2,700
S50□ □□□N R□15□□□	50	23,5	350	50	32	47	70	□NGN 1507□	4,950
S32S □□□N R□12□7□□	32	15,0	250	40	22	30	40	□NG□ 1207□	1,450
S40T □□□N R□12□4□□	40	18,5	300	50	27	37	70	□NG□ 1204□	2,700
S40T □□□N R□12□7□□	40	18,5	300	50	27	37	70	□NG□ 1207□	2,700
S50□ □□□N R□15□□□	50	23,5	350	50	32	47	70	□NG□ 1507□	4,950

Reference Bezeichnung							Nm
S32S □□□N R□12□7□□	□	□	9416	2413	□	5004	3,5
S40T □□□N R□12□4□□	□SN 354	1151	9416	2413	□	5004	3,5
S40T □□□N R□12□7□□	□SN 334	1151	9416	2413	□	5004	3,5
S50□ □□□N R□15□□□	□SN 432	1160	9416	2417	□	5004	3,5
S32S □□□N R□12□7□□	□	□	□	□	2415	5004	3,5
S40T □□□N R□12□4□□	□SN 354	1151	□	□	2415	5004	3,5
S40T □□□N R□12□7□□	□SN 334	1151	□	□	2415	5004	3,5
S50□ □□□N R□15□□□	□SN 432	1160	□	□	2432	5004	3,5

DNG.. 55° rhombic negative inserts. D03-04

Reference / Bez.	l	s	d
□NG□1204□	12,20	4,76	10,00
□NG□1207□	12,20	7,94	10,00
□NG□1507□	15,50	7,94	12,70



DNGN



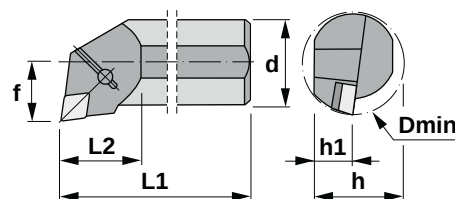
DNGX



**Characteristics:**

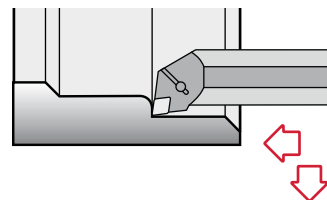
Multipurpose boring bar equipped with rhombic negative double-sided insert (angle 75°).

For general applications, roughing, semi-finishing and finishing.

**Eigenschaften:**

Multifunktions-Bohrstange mit einer doppelseitigen rhombischen Wendeschneidplatte (75° Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CELN 97°30'

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	 Kg
S40T □E□N R□□13□□	40	18,5	300	32	27	37	50	ENGN 1307□□	2,700
S50□ □E□N R□□13□□	50	23,5	350	32	35	47	63	ENGN 1307□□	4,950

Reference Bezeichnung						Nm
S40T □E□N R□□13□□	ESN 432	1161	9414	2417	5004	3:5
S50□ □E□N R□□13□□	ESN 432	1160	9414	2417	5004	3:5

ENGN

75° rhombic negative insert.
75° rhombische negative Wendeschneidplatte.  D04

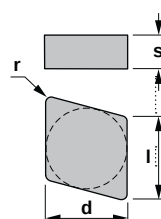
Reference / Bez.**l****s****d**

ENGN 1307□□

13,12

7,94

12,70

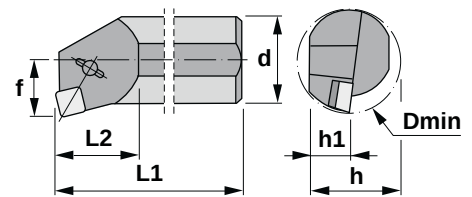
**ENGN**



Characteristics:

Boring bar for internal turning applications equipped with square negative inserts.

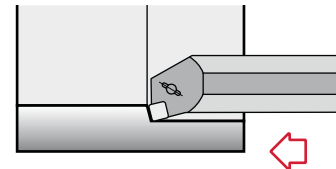
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Bohrstange zum Innendrehen mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CSKN 75°

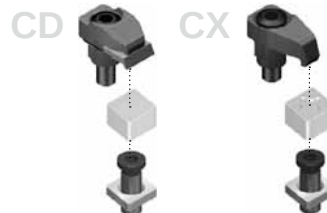
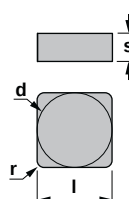
Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	Kg
S32S □S□N R□□12□7□□	32	15,0	250	40	22	30	40	SNGN 1207□□	1,450
S40T □S□N R□□12□4□□	40	18,5	300	67	27	37	70	SNGN 1204□□	2,700
S40T □S□N R□□12□7□□	40	18,5	300	67	27	37	70	SNGN 1207□□	2,700
S50□ □S□N R□□12□4□□	50	23,5	350	67	35	47	70	SNGN 1204□□	4,950
S50□ □S□N R□□12□7□□	50	23,5	350	67	35	47	70	SNGN 1207□□	4,950
S32S □S□N R□□12□7□□	32	15,0	250	40	22	30	40	SNG□ 1207□□	1,450
S40T □S□N R□□12□4□□	40	18,5	300	67	27	37	70	SNG□ 1204□□	2,700
S40T □S□N R□□12□7□□	40	18,5	300	67	27	37	70	SNG□ 1207□□	2,700
S50□ □S□N R□□12□4□□	50	23,5	350	67	35	47	70	SNG□ 1204□□	4,950
S50□ □S□N R□□12□7□□	50	23,5	350	67	35	47	70	SNG□ 1207□□	4,950

Reference Bezeichnung							Nm
S32S □S□N R□□12□7□□	□	□	9414	2417	□	5004	3:5
S40T □S□N R□□12□4□□	SSN 454	1161	9414	2417	□	5004	3:5
S40T □S□N R□□12□7□□	SSN 434	1161	9414	2417	□	5004	3:5
S50□ □S□N R□□12□4□□	SSN 454	1160	9414	2417	□	5004	3:5
S50□ □S□N R□□12□7□□	SSN 434	1160	9414	2417	□	5004	3:5
S32S □S□N R□□12□7□□	□	□	□	□	2415	5004	3:5
S40T □S□N R□□12□4□□	SSN 454	1161	□	□	2415	5004	3:5
S40T □S□N R□□12□7□□	SSN 434	1161	□	□	2415	5004	3:5
S50□ □S□N R□□12□4□□	SSN 454	1160	□	□	2415	5004	3:5
S50□ □S□N R□□12□7□□	SSN 434	1160	□	□	2415	5004	3:5

SNG..

Square negative inserts.
Vierkantige negative WSP. D05-06

Reference / Bez.	l	s	d
SNG□□1204□□	12,70	4,76	12,70
SNG□□1207□□	12,70	7,94	12,70



SNGN



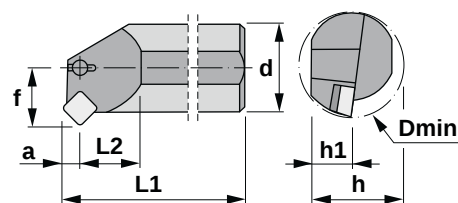
SNGX



**Characteristics:**

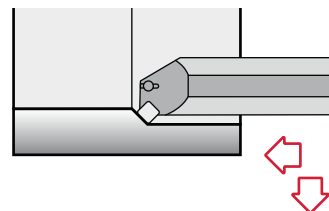
Boring bar for internal turning and chamfering applications equipped with square negative inserts.

For general applications, roughing, semi-finishing and finishing.

**Eigenschaften:**

Bohrstange zum Innendrehen und Abschrägen mit einer vierkantigen negativen Wendeschneidplatte.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CSSN 45°

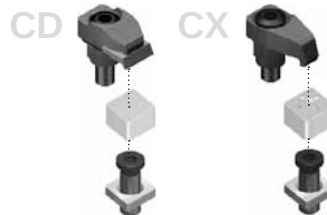
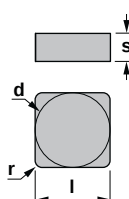
Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	Kg
S32S □SSN R□12□7□□	32	15,0	250	40	22	30	40	SNGN 1207□□	1,450
S40T □SSN R□12□4□□	40	18,5	300	50	27	37	70	SNGN 1204□□	2,700
S40T □SSN R□12□7□□	40	18,5	300	50	27	37	70	SNGN 1207□□	2,700
S50□ □SSN R□15□□□	50	23,5	350	50	32	47	70	SNGN 1507□□	4,950
S32S □SSN R□12□7□□	32	15,0	250	40	22	30	40	SNG□ 1207□□	1,450
S40T □SSN R□12□4□□	40	18,5	300	50	27	37	70	SNG□ 1204□□	2,700
S40T □SSN R□12□7□□	40	18,5	300	50	27	37	70	SNG□ 1207□□	2,700
S50□ □SSN R□15□□□	50	23,5	350	50	32	47	70	SNG□ 1507□□	4,950

Reference Bezeichnung							Nm
S32S □SSN R□12□7□□	□	□	9414	2417	□	5004	3,5
S40T □SSN R□12□4□□	SSN 454	1161	9414	2417	□	5004	3,5
S40T □SSN R□12□7□□	SSN 434	1161	9414	2417	□	5004	3,5
S50□ □SSN R□15□□□	SSN 534	1180	9414	2417	□	5004	3,5
S32S □SSN R□12□7□□	□	□	□	□	2415	5004	3,5
S40T □SSN R□12□4□□	SSN 454	1161	□	□	2415	5004	3,5
S40T □SSN R□12□7□□	SSN 434	1161	□	□	2415	5004	3,5
S50□ □SSN R□15□□□	SSN 534	1180	□	□	2415	5004	3,5

SNG..

Square negative inserts.
Vierkantige negative WSP. D05-06

Reference / Bez.	l	s	d
SNG□1204□□	12,70	4,76	12,70
SNG□1207□□	12,70	7,94	12,70
SNG□1507□□	15,87	7,94	15,87

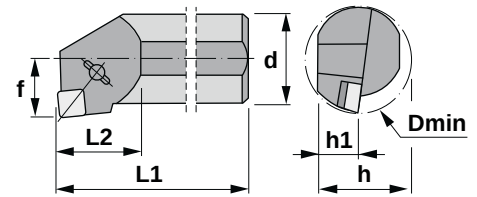
**SNGN****SNGX**



Characteristics:

Boring bar for internal turning applications equipped with square negative inserts.

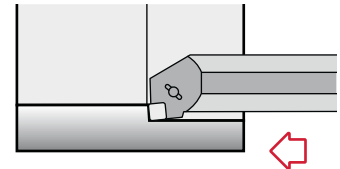
For general applications, roughing, semi-finishing and finishing.



Eigenschaften:

Bohrstange zum Innendrehen mit einer vierkantigen negativen Wendeschneidplatte mit verstärkten Schnittkanten.

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten geeignet.



CSYN 85°

Reference Bezeichnung	d	h1	L1	L2	f	h	Dmin	Insert size Wendeschneidplatte	kg
S32S □S□N R□12□7□□	32	15,0	250	40	22	30	40	SNGN 1207□□	1,450
S40T □S□N R□12□4□□	40	18,5	300	67	27	37	70	SNGN 1204□□	2,700
S40T □S□N R□12□7□□	40	18,5	300	67	27	37	70	SNGN 1207□□	2,700
S50□ □S□N R□12□4□□	50	23,5	350	67	35	47	70	SNGN 1204□□	4,950
S50□ □S□N R□12□7□□	50	23,5	350	67	35	47	70	SNGN 1207□□	4,950
S32S □S□N R□12□7□□	32	15,0	250	40	22	30	40	SNG□ 1207□□	1,450
S40T □S□N R□12□4□□	40	18,5	300	67	27	37	70	SNG□ 1204□□	2,700
S40T □S□N R□12□7□□	40	18,5	300	67	27	37	70	SNG□ 1207□□	2,700
S50□ □S□N R□12□4□□	50	23,5	350	67	35	47	70	SNG□ 1204□□	4,950
S50□ □S□N R□12□7□□	50	23,5	350	67	35	47	70	SNG□ 1207□□	4,950

Reference Bezeichnung							Nm
S32S □S□N R□12□7□□	□	□	9414	2417	□	5004	3,5
S40T □S□N R□12□4□□	SSN 454	1161	9414	2417	□	5004	3,5
S40T □S□N R□12□7□□	SSN 434	1161	9414	2417	□	5004	3,5
S50□ □S□N R□12□4□□	SSN 454	1160	9414	2417	□	5004	3,5
S50□ □S□N R□12□7□□	SSN 434	1160	9414	2417	□	5004	3,5
S32S □S□N R□12□7□□	□	□	□	□	2415	5004	3,5
S40T □S□N R□12□4□□	SSN 454	1161	□	□	2415	5004	3,5
S40T □S□N R□12□7□□	SSN 434	1161	□	□	2415	5004	3,5
S50□ □S□N R□12□4□□	SSN 454	1160	□	□	2415	5004	3,5
S50□ □S□N R□12□7□□	SSN 434	1160	□	□	2415	5004	3,5

SNG..

Square negative inserts.
Vierkantige negative WSP. **i** D05-06

Reference / Bez.

l

s

d

SNG□1204□□

12,70

4,76

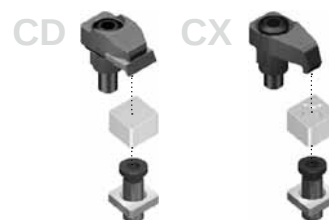
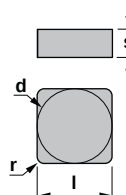
12,70

SNG□1207□□

12,70

7,94

12,70



SNGN

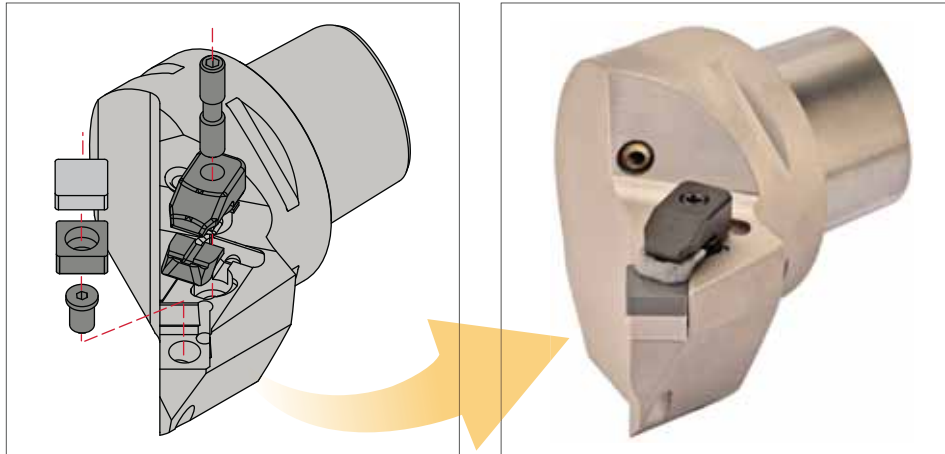


SNGX



(C) Top clamp / Obere Klemmung

This classic negative insert clamping system is designed to hold ceramic flat negative inserts, both with additional or sintered chipbreaker. Diese klassische Klemmung für negativen Wendeschneidplatten wurde so entwickelt, damit gesinterte und zusätzliche Spannbrecher mit flachen negativen Keramik-Wendeschneidplatten eingesetzt werden können.



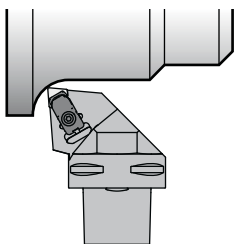
*All clamping systems
in the same body.*

*Alle Klemmsysteme
in dem gleichen Körper.*



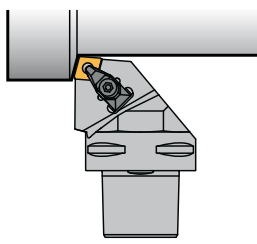
**Top clamp
Obere Klemmung**

C



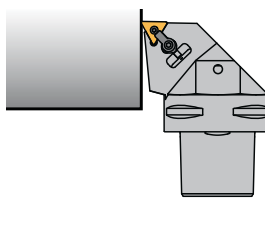
Dimple Lock

D



**Double lock
Doppelte Klemmung**

M

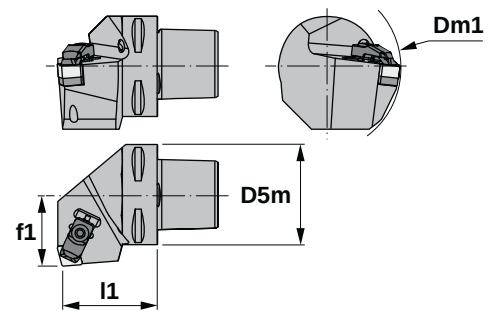


**Characteristics:**

Toolholder for face turning applications equipped with rhombic negative inserts (angle 80°).

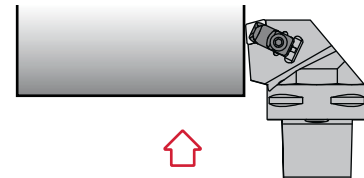
PSC with internal coolant.

- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemmhalter zum Plandrehen mit einer rhombischen negativen Wendeschneidplatte (80° Winkel). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CCKN 75°

Reference Bezeichnung	D5m	Dm1 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	kg
PS 40 □ □ □ NR 27050 12 4	40	110	27	50	6°	6°	□ NGN 1204 □	0,420
PS 40 □ □ □ NR 27050 12 7	40	110	27	50	6°	6°	□ NGN 1207 □	0,420
PS 50 □ □ □ NR 35060 12 4	50	110	35	60	6°	6°	□ NGN 1204 □	0,800
PS 50 □ □ □ NR 35060 12 7	50	110	35	60	6°	6°	□ NGN 1207 □	0,800
PS 63 □ □ □ NR 45065 12 4	63	110	45	65	6°	6°	□ NGN 1204 □	1,100
PS 63 □ □ □ NR 45065 12 7	63	110	45	65	6°	6°	□ NGN 1207 □	1,100
PS 40 □ □ □ NR 27050 16	40	125	27	50	6°	6°	□ NGN 1607 □	0,420
PS 50 □ □ □ NR 35060 16	50	125	35	60	6°	6°	□ NGN 1607 □	0,800
PS 63 □ □ □ NR 45065 16	63	125	45	65	6°	6°	□ NGN 1607 □	1,100
PS 63 □ □ □ NR 45065 19	63	125	45	65	6°	6°	□ NGN 1907 □	1,100
PS 80 □ □ □ NR 55080 19	80	125	55	80	6°	6°	□ NGN 1907 □	2,740

Reference Bezeichnung							Nm
PS 40 □ □ □ NR 27050 12 4	1766	□ SN 442	9414	2713	1086	5003	3,0
PS 40 □ □ □ NR 27050 12 7	1766	□ SN 422	9414	2713	1086	5003	3,0
PS 50 □ □ □ NR 35060 12 4	1766	□ SN 442	9414	2713	1086	5003	3,0
PS 50 □ □ □ NR 35060 12 7	1766	□ SN 422	9414	2713	1086	5003	3,0
PS 63 □ □ □ NR 45065 12 4	1766	□ SN 442	9414	2713	1086	5003	3,0
PS 63 □ □ □ NR 45065 12 7	1766	□ SN 422	9414	2713	1086	5003	3,0
PS 40 □ □ □ NR 27050 16	1768	□ SN 523	9414	2713	1086	5003	3,0
PS 50 □ □ □ NR 35060 16	1768	□ SN 523	9414	2713	1086	5003	3,0
PS 63 □ □ □ NR 45065 16	1768	□ SN 523	9414	2713	1086	5003	3,0
PS 63 □ □ □ NR 45065 19	1770	□ SN 623	9414	2713	1086	5003	3,0
PS 80 □ □ □ NR 55080 19	1770	□ SN 623	9414	2713	1086	5003	3,0

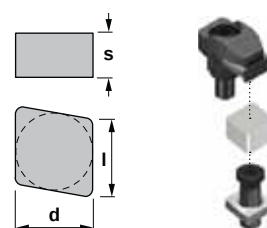
CNGN

80° rhombic negative insert.
80° rhombische negative Wendeschneidplatte. **i** D03

Reference / Bez.

l s d

□ NGN 1204 □	12,90	4,76	12,70
□ NGN 1207 □	12,90	7,94	12,70
□ NGN 1607 □	16,10	7,94	15,88
□ NGN 1907 □	19,30	7,94	19,05

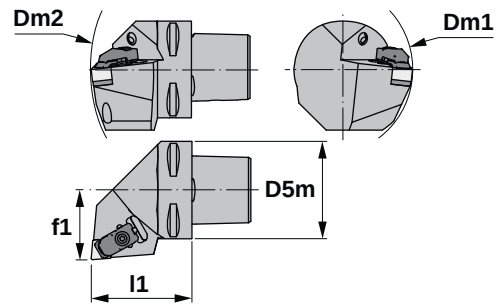
**CNGN**

**Characteristics:**

Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80°).

PSC with internal coolant.

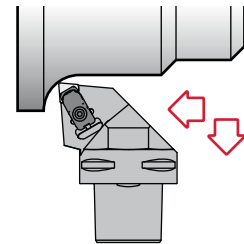
- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80° Winkel).

PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CCLN 95°

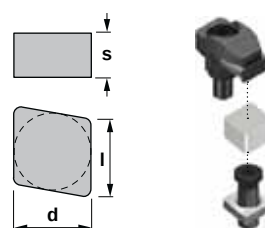
Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	 Kg
PS□40□□□NR□27050□12□4	40	110	140	27	50	6□	6□	□NGN 1204□	0,420
PS□40□□□NR□27050□12□7	40	110	140	27	50	6□	6□	□NGN 1207□	0,420
PS□50□□□NR□35060□12□4	50	110	165	35	60	6□	6□	□NGN 1204□	0,800
PS□50□□□NR□35060□12□7	50	110	165	35	60	6□	6□	□NGN 1207□	0,800
PS□63□□□NR□45065□12□4	63	110	190	45	65	6□	6□	□NGN 1204□	1,100
PS□63□□□NR□45065□12□7	63	110	190	45	65	6□	6□	□NGN 1207□	1,100
PS□63□□□NR□45065□16	63	125	190	45	65	6□	6□	□NGN 1607□	1,100
PS□80□□□NR□55080□16	80	125	250	55	80	6□	6□	□NGN 1607□	2,740

Reference Bezeichnung						Nm
PS□40□□□NR□27050□12□4	1766	□SN□442	9414	2713	1086 5003	3,0
PS□40□□□NR□27050□12□7	1766	□SN□422	9414	2713	1086 5003	3,0
PS□50□□□NR□35060□12□4	1766	□SN□442	9414	2713	1086 5003	3,0
PS□50□□□NR□35060□12□7	1766	□SN□422	9414	2713	1086 5003	3,0
PS□63□□□NR□45065□12□4	1766	□SN□442	9414	2713	1086 5003	3,0
PS□63□□□NR□45065□12□7	1766	□SN□422	9414	2713	1086 5003	3,0
PS□63□□□NR□45065□16	1768	□SN□523	9414	2713	1086 5003	3,0
PS□80□□□NR□55080□16	1768	□SN□523	9414	2713	1086 5003	3,0

CNGN

80° rhombic negative insert.
80° rhombische negative Wendeschneidplatte.  D03

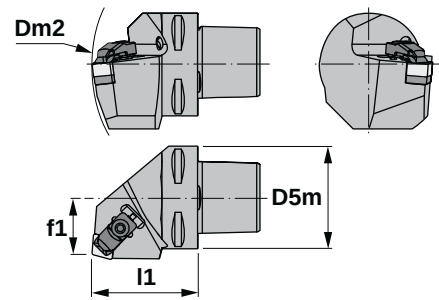
Reference / Bez.	l	s	d
□NGN 1204□	12,90	4,76	12,70
□NGN 1207□	12,90	7,94	12,70
□NGN 1607□	16,10	7,94	15,88
□NGN 1907□	19,30	7,94	19,05

**CNGN**

**Characteristics:**

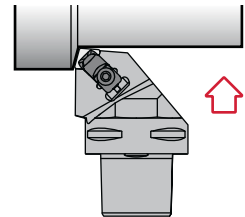
Multipurpose toolholder equipped with rhombic negative double-sided insert (angle 80°). PSC with internal coolant.

- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Multifunktions-Klemmhalter mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (80° Winkel). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CCRN 75°

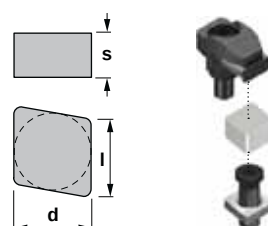
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	
PS□40□□RNR□22050□12□4	40	140	22	50	6□	6□	□NGN 1204□	0,420
PS□40□□RNR□22050□12□7	40	140	22	50	6□	6□	□NGN 1207□	0,420
PS□50□□RNR□27060□12□4	50	165	27	60	6□	6□	□NGN 1204□	0,800
PS□50□□RNR□27060□12□7	50	165	27	60	6□	6□	□NGN 1207□	0,800
PS□63□□RNR□35065□12□4	63	190	35	65	6□	6□	□NGN 1204□	1,400
PS□63□□RNR□35065□12□7	63	190	35	65	6□	6□	□NGN 1207□	1,400
PS□50□□RNR□27060□16	50	165	27	60	6□	6□	□NGN 1607□	0,800
PS□63□□RNR□35065□16	63	190	35	65	6□	6□	□NGN 1607□	1,400
PS□80□□RNR□55080□16	80	250	55	80	6□	6□	□NGN 1607□	2,740
PS□50□□RNR□27060□19	50	165	27	60	6□	6□	□NGN 1907□	0,800
PS□63□□RNR□35065□19	63	190	35	65	6□	6□	□NGN 1907□	1,400
PS□80□□RNR□55080□19	80	250	55	80	6□	6□	□NGN 1907□	2,740

Reference Bezeichnung						Nm
PS□40□□RNR□22050□12□4	1766	□SN□442	9414	2713	1086 5003	3:0
PS□40□□RNR□22050□12□7	1766	□SN□422	9414	2713	1086 5003	3:0
PS□50□□RNR□27060□12□4	1766	□SN□442	9414	2713	1086 5003	3:0
PS□50□□RNR□27060□12□7	1766	□SN□422	9414	2713	1086 5003	3:0
PS□63□□RNR□35065□12□4	1766	□SN□442	9414	2713	1086 5003	3:0
PS□63□□RNR□35065□12□7	1766	□SN□422	9414	2713	1086 5003	3:0
PS□50□□RNR□27060□16	1768	□SN□523	9414	2713	1086 5003	3:0
PS□63□□RNR□35065□16	1768	□SN□523	9414	2713	1086 5003	3:0
PS□80□□RNR□55080□16	1768	□SN□523	9414	2713	1086 5003	3:0
PS□50□□RNR□27060□19	1770	□SN□623	9414	2713	1086 5003	3:0
PS□63□□RNR□35065□19	1770	□SN□623	9414	2713	1086 5003	3:0
PS□80□□RNR□55080□19	1770	□SN□623	9414	2713	1086 5003	3:0

CNGN

80° rhombic negative insert.
80° rhombische negative Wendeschneidplatte.  D03

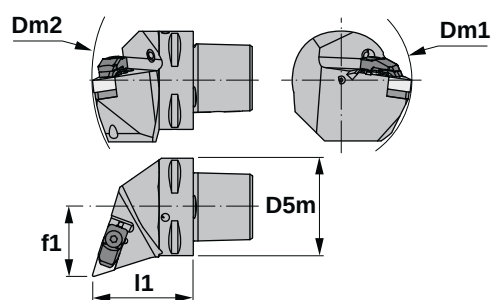
Reference / Bez.	l	s	d
□NGN 1204□	12,90	4,76	12,70
□NGN 1207□	12,90	7,94	12,70
□NGN 1607□	16,10	7,94	15,88
□NGN 1907□	19,30	7,94	19,05

**CNGN**

**Characteristics:**

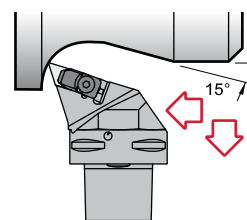
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°).
PSC with internal coolant.

- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemmhalter zum Drehen und Kopierdrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (Winkel 55°).
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CDHN 107° 30'

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ 1)	λ_s 2)	Insert size Wendeschneidplatte	Kg
PS 40 NR 27055 15	40	110	145	27	50	6°	7°	NGN 1507	0,430
PS 50 NR 35060 15	50	110	165	35	60	6°	7°	NGN 1507	0,800
PS 63 NR 45065 15	63	110	190	45	65	6°	7°	NGN 1507	1,100
PS 80 NR 55080 15	80	110	250	55	80	6°	7°	NGN 1507	2,740

Reference Bezeichnung							Nm
PS 40 NR 27055 15	1766	SN 422	9416	2717	1086	5003	3:0
PS 50 NR 35060 15	1766	SN 422	9416	2717	1086	5003	3:0
PS 63 NR 45065 15	1766	SN 422	9416	2717	1086	5003	3:0
PS 80 NR 55080 15	1766	SN 422	9416	2717	1086	5003	3:0

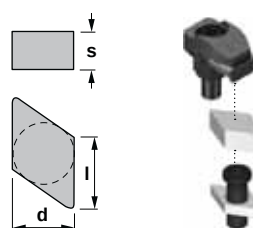
DNGN

55° rhombic negative insert.
55° rhombische negative Wendeschneidplatte. D03

Reference / Bez.

l s d

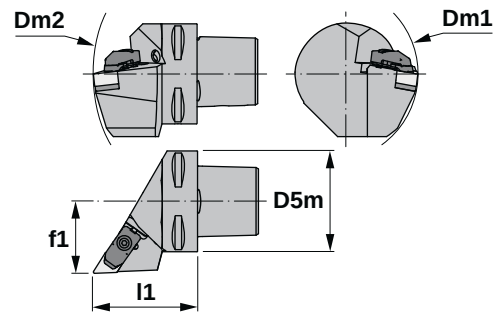
NGN 1507 15,50 7,94 12,70

**DNGN**

**Characteristics:**

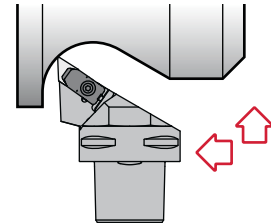
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°). PSC with internal coolant.

- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemmhalter zum Drehen und Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (55° Winkel). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CDJN 93°

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	 Kg
PS□40□□□NR□27055□15	40	110	145	27	50	□6□	□7□	□NGN 1507□	0,430
PS□50□□□NR□35060□15	50	110	165	35	60	□6□	□7□	□NGN 1507□	0,800
PS□63□□□NR□45065□15	63	110	190	45	65	□6□	□7□	□NGN 1507□	1,100
PS□80□□□NR□55080□15	80	110	250	55	80	□6□	□7□	□NGN 1507□	2,740

Reference Bezeichnung							Nm
PS□40□□□NR□27055□15	1766	□□SN 422	9416	2717	1086	5003	3,0
PS□50□□□NR□35060□15	1766	□□SN 422	9416	2717	1086	5003	3,0
PS□63□□□NR□45065□15	1766	□□SN 422	9416	2717	1086	5003	3,0
PS□80□□□NR□55080□15	1766	□□SN 422	9416	2717	1086	5003	3,0

DNGN

55° rhombic negative insert.
55° rhombische negative Wendeschneidplatte.  D03

Reference / Bez.

l

s

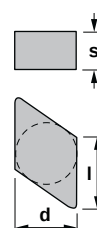
d

□NGN 1507□

15,50

7,94

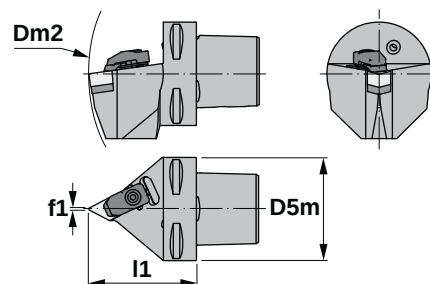
12,70

**DNGN**

**Characteristics:**

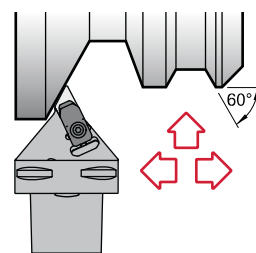
Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°). PSC with internal coolant.

- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemmhalter zum Profildrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (Winkel 55°). PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CDNN 63°

Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PS□40□□NNN00055□15	40	145	0,5	50	□5□	□9□	□NGN 1507□	0,370
PS□50□□NNN00060□15	50	165	0,5	60	□5□	□9□	□NGN 1507□	0,750
PS□63□□NNN00065□15	63	190	0,5	65	□5□	□9□	□NGN 1507□	1,070
PS□80□□NNN00080□15	80	250	0,5	80	□5□	□9□	□NGN 1507□	2,320

Reference Bezeichnung							Nm
PS□40□□NNN00055□15	1766	□SN 422	9416	2717	1086	5003	3,0
PS□50□□NNN00060□15	1766	□SN 422	9416	2717	1086	5003	3,0
PS□63□□NNN00065□15	1766	□SN 422	9416	2717	1086	5003	3,0
PS□80□□NNN00080□15	1766	□SN 422	9416	2717	1086	5003	3,0

DNGN

55° rhombic negative insert.
55° rhombische negative Wendeschneidplatte. D03

Reference / Bez.

l

s

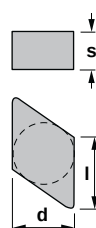
d

□NGN 1507□

15,50

7,94

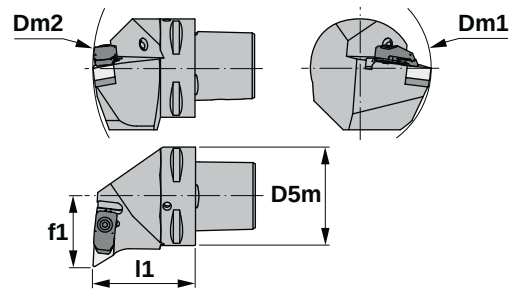
12,70

**DNGN**

**Characteristics:**

Turning and profiling toolholder equipped with rhombic negative double-sided insert (angle 55°). PSC with internal coolant.

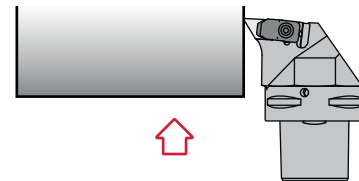
- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemmhalter zum Drehen und Kopierdrehen mit einer doppelseitigen rhombischen negativen Wendeschneidplatte (Winkel 55°).

PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CDUN 93°

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	
PS□40□□□NR□27050□15	40	110	140	27	50	6□	7□	□NGN 1507□	0,420
PS□50□□□NR□35060□15	50	110	165	35	60	6□	7□	□NGN 1507□	0,800
PS□63□□□NR□45065□15	63	110	190	45	65	6□	7□	□NGN 1507□	1,100
PS□80□□□NR□55080□15	80	110	250	55	80	6□	7□	□NGN 1507□	2,740

Reference Bezeichnung							Nm
PS□40□□□NR□27050□15	1766	□SN□422	9416	2717	1086	5003	3,0
PS□50□□□NR□35060□15	1766	□SN□422	9416	2717	1086	5003	3,0
PS□63□□□NR□45065□15	1766	□SN□422	9416	2717	1086	5003	3,0
PS□80□□□NR□55080□15	1766	□SN□422	9416	2717	1086	5003	3,0

DNGN

55° rhombic negative insert.
55° rhombische negative Wendeschneidplatte.  D03

Reference / Bez.

l

s

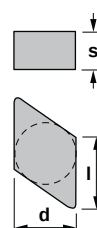
d

□NGN 1507□

15,50

7,94

12,70

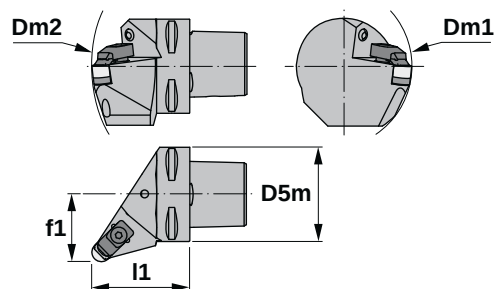
**DNGN**

**Characteristics:**

Profiling multipurpose turning toolholder equipped with round negative insert.

PSC with internal coolant.

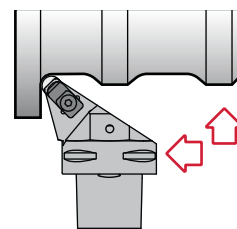
- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Multifunktions-Klemmhalter zum Profildrehen mit einer runden negativen Wendeschneidplatte.

PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CRSN

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PS□40□□RSNR□□27050□12□4	40	110	140	27	50	□6□	□6□	RNGN 1204□□	0,420
PS□40□□RSNR□□27050□12□7	40	110	140	27	50	□6□	□6□	RNGN 1207□□	0,420
PS□50□□RSNR□□35060□12□4	50	110	165	35	60	□6□	□6□	RNGN 1204□□	0,800
PS□50□□RSNR□□35060□12□7	50	110	165	35	60	□6□	□6□	RNGN 1207□□	0,800
PS□63□□RSNR□□45065□12□4	63	110	190	45	65	□6□	□6□	RNGN 1204□□	1,100
PS□63□□RSNR□□45065□12□7	63	110	190	45	65	□6□	□6□	RNGN 1207□□	1,100

Reference Bezeichnung							Nm
PS□40□□RSNR□□27050□12□4	1766	□RSN 44	9414	2713	1086	5003	3,0
PS□40□□RSNR□□27050□12□7	1766	□RSN 42	9414	2713	1086	5003	3,0
PS□50□□RSNR□□35060□12□4	1766	□RSN 44	9414	2713	1086	5003	3,0
PS□50□□RSNR□□35060□12□7	1766	□RSN 42	9414	2713	1086	5003	3,0
PS□63□□RSNR□□45065□12□4	1766	□RSN 44	9414	2713	1086	5003	3,0
PS□63□□RSNR□□45065□12□7	1766	□RSN 42	9414	2713	1086	5003	3,0

RNGN

Round negative insert.
Runde negative Wendeschneidplatte. D04

Reference / Bez.

s

d

RNGN 1204□□

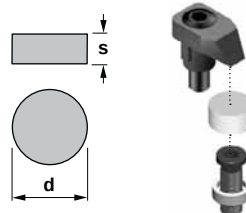
4,76

12,70

RNGN 1207□□

7,94

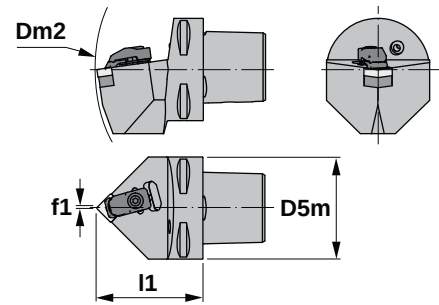
12,70

**RNGN**

**Characteristics:**

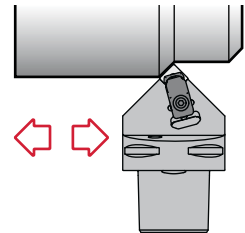
Toolholder for external turning and chamfering applications equipped with square negative insert.
PSC with internal coolant.

- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemmhalter zum Außendrehen und Abschrägen mit einer vierkantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CSDN 45°

Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	 Kg
PS□40□□S□NN00050□12□4	40	140	0,3	50	6□	6□	SNGN 1204□□	0,350
PS□40□□S□NN00050□12□7	40	140	0,3	50	6□	6□	SNGN 1207□□	0,350
PS□50□□S□NN00060□12□4	50	165	0,3	60	6□	6□	SNGN 1204□□	0,750
PS□50□□S□NN00060□12□7	50	165	0,3	60	6□	6□	SNGN 1207□□	0,750
PS□63□□S□NN00065□12□4	63	190	0,3	65	6□	6□	SNGN 1204□□	1,070
PS□63□□S□NN00065□12□7	63	190	0,3	65	6□	6□	SNGN 1207□□	1,070

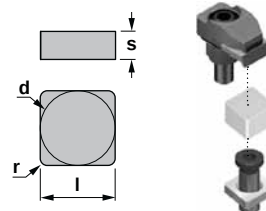
Reference Bezeichnung							Nm
PS□40□□S□NN00050□12□4	1766	SSN□442	9414	2713	1086	5003	3,0
PS□40□□S□NN00050□12□7	1766	SSN□422	9414	2713	1086	5003	3,0
PS□50□□S□NN00060□12□4	1766	SSN□442	9414	2713	1086	5003	3,0
PS□50□□S□NN00060□12□7	1766	SSN□422	9414	2713	1086	5003	3,0
PS□63□□S□NN00065□12□4	1766	SSN□442	9414	2713	1086	5003	3,0
PS□63□□S□NN00065□12□7	1766	SSN□422	9414	2713	1086	5003	3,0

SNGN

Square negative insert.
Vierkantige negative Wendeschneidplatte.  D05

Reference / Bez.

	l	s	d
SNGN 1204□□	12,70	4,76	12,70
SNGN 1207□□	12,70	7,94	12,70

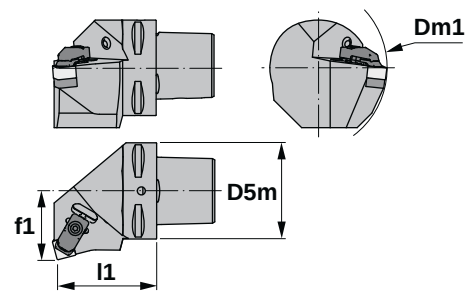
**SNGN**

**Characteristics:**

Toolholder for face turning applications equipped with square negative insert and strong cutting edges.

PSC with internal coolant.

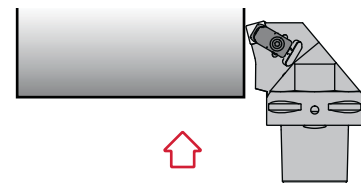
- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemmhalter zum Plandrehen mit einer vierkantigen negativen Wendeschneidplatte mit verstärkten Schnittkanten.

PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CSKN 75°

Reference Bezeichnung	D5m	Dm1 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	 Kg
PS 40 S NR 27050 12 4	40	110	27	50	6°	6°	SNGN 1204	0,420
PS 40 S NR 27050 12 7	40	110	27	50	6°	6°	SNGN 1207	0,420
PS 50 S NR 35060 12 4	50	110	35	60	6°	6°	SNGN 1204	0,800
PS 50 S NR 35060 12 7	50	110	35	60	6°	6°	SNGN 1207	0,800
PS 63 S NR 45065 12 4	63	110	45	65	6°	6°	SNGN 1204	1,100
PS 63 S NR 45065 12 7	63	110	45	65	6°	6°	SNGN 1207	1,100

Reference Bezeichnung							Nm
PS 40 S NR 27050 12 4	1766	SSN 442	9414	2713	1086	5003	3,0
PS 40 S NR 27050 12 7	1766	SSN 422	9414	2713	1086	5003	3,0
PS 50 S NR 35060 12 4	1766	SSN 442	9414	2713	1086	5003	3,0
PS 50 S NR 35060 12 7	1766	SSN 422	9414	2713	1086	5003	3,0
PS 63 S NR 45065 12 4	1766	SSN 442	9414	2713	1086	5003	3,0
PS 63 S NR 45065 12 7	1766	SSN 422	9414	2713	1086	5003	3,0

SNGN

Square negative insert.
Vierkantige negative Wendeschneidplatte.  D05

Reference / Bez.

l

s

d

SNGN 1204

12,70

4,76

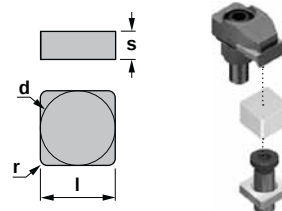
12,70

SNGN 1207

12,70

7,94

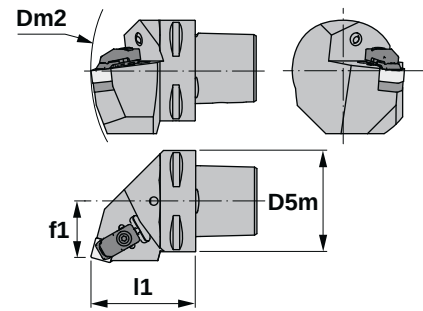
12,70

**SNGN**

**Characteristics:**

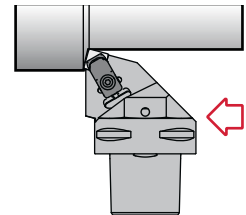
Toolholder for external turning applications equipped with square negative insert.
PSC with internal coolant.

- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemmhalter zum Außendrehen mit einer vierkantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CSRN 75°

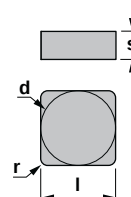
Reference Bezeichnung	D5m	Dm2 min.	f1	l1	γ^1	λ_s^2	Insert size Wendeschneidplatte	
PS 40 SRNR 22050 12 4	40	140	22	50	6°	6°	SNGN 1204	0,420
PS 40 SRNR 22050 12 7	40	140	22	50	6°	6°	SNGN 1207	0,420
PS 50 SRNR 27060 12 4	50	165	27	60	6°	6°	SNGN 1204	0,800
PS 50 SRNR 27060 12 7	50	165	27	60	6°	6°	SNGN 1207	0,800
PS 63 SRNR 35065 12 4	63	190	35	65	6°	6°	SNGN 1204	1,400
PS 63 SRNR 35065 12 7	63	190	35	65	6°	6°	SNGN 1207	1,400

Reference Bezeichnung							Nm
PS 40 SRNR 22050 12 4	1766	SSN 442	9414	2713	1086	5003	3,0
PS 40 SRNR 22050 12 7	1766	SSN 422	9414	2713	1086	5003	3,0
PS 50 SRNR 27060 12 4	1766	SSN 442	9414	2713	1086	5003	3,0
PS 50 SRNR 27060 12 7	1766	SSN 422	9414	2713	1086	5003	3,0
PS 63 SRNR 35065 12 4	1766	SSN 442	9414	2713	1086	5003	3,0
PS 63 SRNR 35065 12 7	1766	SSN 422	9414	2713	1086	5003	3,0

SNGN

Square negative insert.
Vierkantige negative Wendeschneidplatte.  D05

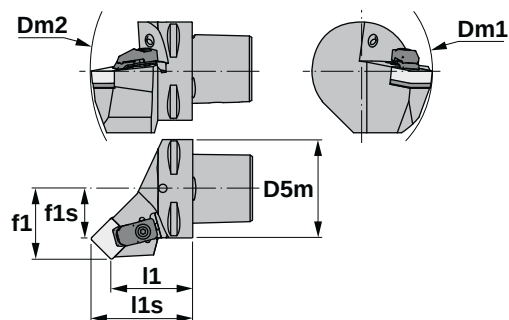
Reference / Bez.	l	s	d
SNGN 1204	12,70	4,76	12,70
SNGN 1207	12,70	7,94	12,70

**SNGN**

**Characteristics:**

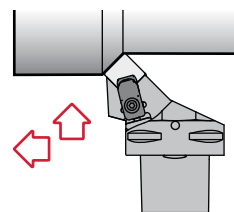
Toolholder for external turning and chamfering applications equipped with square negative insert.
PSC with internal coolant.

- 1) γ = Rake angle
(valid with a flat insert).
2) λ_s = Angle of inclination.

**Eigenschaften:**

Klemhalter zum Außendrehen und Abschrägen mit einer vierkantigen negativen Wendeschneidplatte.
PSC mit Innenkühlung.

- 1) γ = Spanwinkel (Gültig nur mit flachen Wendeschneidplatte).
2) λ_s = Neigungswinkel.



CSSN 45°

Reference Bezeichnung	D5m	Dm1 min.	Dm2 min.	f1	f1s	l1	l1s	γ^1	λ_s^2	Insert size Wendeschneidplatte	Kg
PS□40□SSNR□27042□12□4	40	110	140	27	18,7	42	50,3	8□	10□	SNGN 1204□	0,350
PS□40□SSNR□27042□12□7	40	110	140	27	18,7	42	50,3	8□	10□	SNGN 1207□	0,350
PS□50□SSNR□35052□12□4	50	110	165	35	26,7	52	60,3	8□	10□	SNGN 1204□	0,700
PS□50□SSNR□35052□12□7	50	110	165	35	26,7	52	60,3	8□	10□	SNGN 1207□	0,700
PS□63□SSNR□45056□12□4	63	110	190	45	36,7	56	64,3	8□	10□	SNGN 1204□	1,120
PS□63□SSNR□45056□12□7	63	110	190	45	36,7	56	64,3	8□	10□	SNGN 1207□	1,120

Reference Bezeichnung							Nm
PS□40□SSNR□27042□12□4	1766	SSN□442	9414	2713	1086	5003	3,0
PS□40□SSNR□27042□12□7	1766	SSN□422	9414	2713	1086	5003	3,0
PS□50□SSNR□35052□12□4	1766	SSN□442	9414	2713	1086	5003	3,0
PS□50□SSNR□35052□12□7	1766	SSN□422	9414	2713	1086	5003	3,0
PS□63□SSNR□45056□12□4	1766	SSN□442	9414	2713	1086	5003	3,0
PS□63□SSNR□45056□12□7	1766	SSN□422	9414	2713	1086	5003	3,0

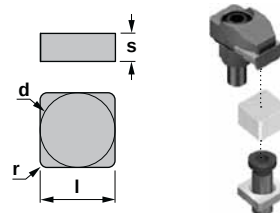
SNGN

Square negative insert.
Vierkantige negative Wendeschneidplatte. D05

Reference / Bez.

l s d

SNGN 1204□	12,70	4,76	12,70
SNGN 1207□	12,70	7,94	12,70

**SNGN**