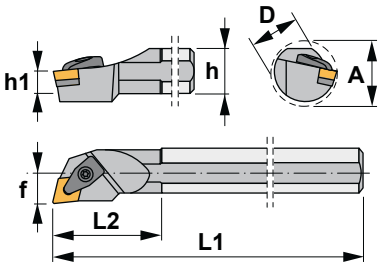
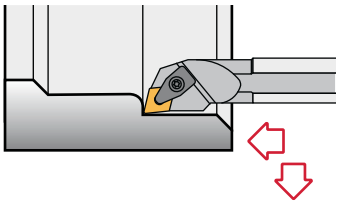
Characteristics:
Boring bar for internal turning applications equipped with rhombic negative inserts (angle 80º).
For low powered machines and small pieces choose boring bars Ref. SCLC (Page: A207).

Axial -5º
Radial -13.5º



Eigenschaften:
Bohrstange zum Innendrehen mit rhombischen negativen Wendeschneidplatten (80º Winkel).
Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen Bez. SCLC (Seite: A207).



DCLN 95°-N

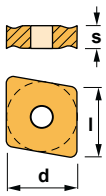
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T DCLN R/L 12-N	25	23	11,5	300	40	17	31	CN.. 1204..	0,700
S32U DCLN R/L 12-N	32	30	15,0	350	45	22	39	CN.. 1204..	2,050
S40V DCLN R/L 12-N	40	37	18,5	400	50	27	48	CN.. 1204..	3,750

Reference Bezeichnung							Nm
S25T DCLN R/L 12-N	ICSN-422	1766	2712	1696	4295	5004	3.5
S32U DCLN R/L 12-N	ICSN-422	1766	2712	1696	4295	5004	3.5
S40V DCLN R/L 12-N	ICSN-422	1766	2712	1696	4295	5004	3.5

CN..

80° rhombic negative inserts.
80º rhombische negative WSP. A32-34

Reference / Bez.	l	s	d
CN.. 1204..	12,90	4,76	12,70



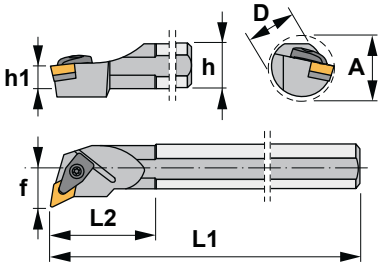
CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
				
CNMG-MFC	**CNMG-MHC**	**CNMG-RC**	**CNMG-TC**	**CNMM**
				

Characteristics:

Boring bar for internal turning and profiling applications equipped with rhombic negative inserts (angle 55º).

For low powered machines and small pieces choose boring bars Ref. SDUC (Page: A217).

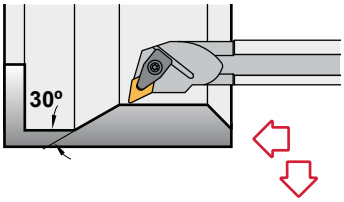
Axial -6º
Radial -14º



Eigenschaften:

Bohrstange zum Innen- und Profildrehen mit rhombischen negativen Wendeschneidplatten (55º Winkel).

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen SDUC (Seite: A217).



DDUN 93°-N

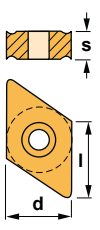
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S32U DDUN R/L 15-N	32	30	15,0	350	45	22	39	DN.. 1506..	2,050
S40V DDUN R/L 15-N	40	37	18,5	400	50	27	48	DN.. 1506..	3,750

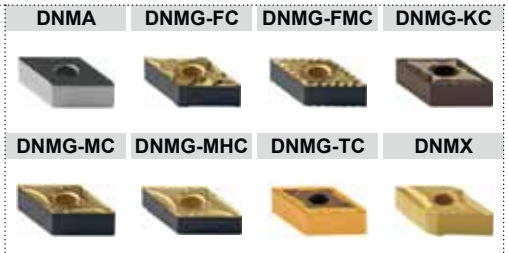
Reference Bezeichnung							Nm
S32U DDUN R/L 15-N	IDSN-432	1766	2712	1696	4295	5004	3.5
S40V DDUN R/L 15-N	IDSN-432	1766	2712	1696	4295	5004	3.5

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

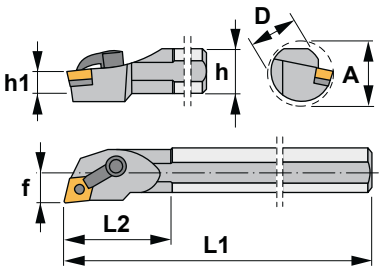
Reference / Bez.	l	s	d
DN.. 1506..	15,50	6,35	12,70



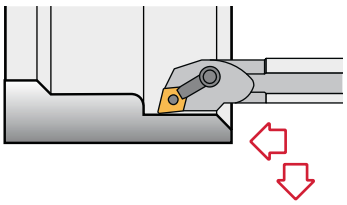


Characteristics:
Multipurpose boring bar equipped with rhombic negative double-sided insert (angle 80º).
For low powered machines and small pieces choose boring bars Ref. SCLC (Page: A207).

Axial -5º
Radial -13.5º



Eigenschaften:
Multifunktions-Bohrstange mit doppelseitigen rhombischen negativen Wendeschneidplatten (80º Winkel).
Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen SCLC (Seite: A207).



MCLN-K 95°

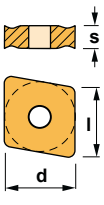
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T MCLN R/L 12-K	25	23	11,5	300	40	17	31	CN.. 1204..	0,700
S32U MCLN R/L 12-K	32	30	15,0	350	45	22	39	CN.. 1204..	2,050
S40V MCLN R/L 12-K	40	37	18,5	400	50	27	48	CN.. 1204..	3,750

Reference Bezeichnung							Nm
S25T MCLN R/L 12-K	2613	1186	5003	-	1686	5025	3.0
S32U MCLN R/L 12-K	2613	1086	5003	ICSN-432	1656	5025	3.0
S40V MCLN R/L 12-K	2613	1086	5003	ICSN-432	1656	5025	3.0

CN..

80° rhombic negative inserts.
80º rhombische negative WSP. A32-34

Reference / Bez.	l	s	d
CN.. 1204..	12,90	4,76	12,70



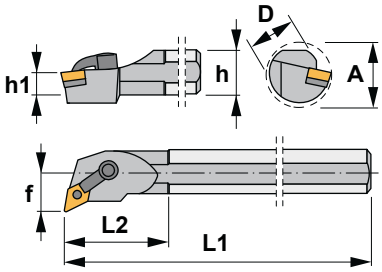
CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
CNMG-MFC	CNMG-MHC	CNMG-RC	CNMG-TC	CNMM

Characteristics:

Internal turning and profiling boring bar equipped with rhombic negative double-sided insert (angle 55º).

For low powered machines and small pieces choose boring bars Ref. SDUC (Page: A217).

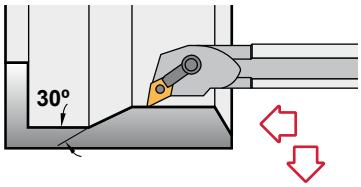
Axial -6º
Radial -12º



Eigenschaften:

Bohrstange zum Innen- und Profildrehen mit doppelseitigen rhombischen negativen Wendeschneidplatten (55º Winkel).

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen SDUC (Seite: A217).



MDUN-K 93°

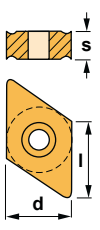
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T MDUN R/L 15-K	25	23	11,5	300	40	17	31	DN.. 1506..	0,700
S32U MDUN R/L 15-K	32	30	15,0	350	45	22	39	DN.. 1506..	2,050
S40V MDUN R/L 15-K	40	37	18,5	400	50	27	48	DN.. 1506..	3,750

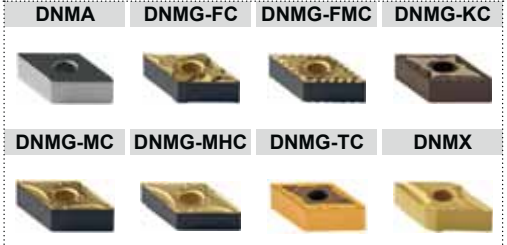
Reference Bezeichnung							Nm
S25T MDUN R/L 15-K	2614	1186	5003	-	1686	5025	3.0
S32U MDUN R/L 15-K	2614	1086	5003	IDSN-432	1666	5025	3.0
S40V MDUN R/L 15-K	2614	1086	5003	IDSN-432	1666	5025	3.0

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

Reference / Bez.	l	s	d
DN.. 1506..	15,50	6,35	12,70



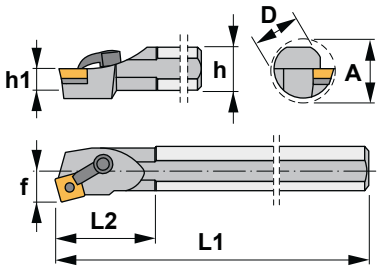


Characteristics:

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

For low powered machines and small pieces choose boring bars Ref. CSKP (Page: A201) or SSKC (Page: A223).

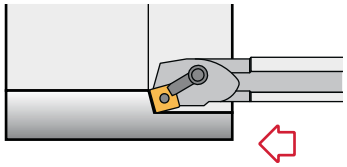
Axial -3.25º
Radial -11º



Eigenschaften:

Bohrstange zum Innendrehen mit vierkantigen negativen Wendeschneidplatten.

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen CSKP (Seite: A201) oder SSKC (Seite: A223).



MSKN-K 75°

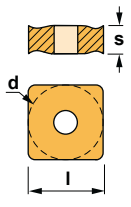
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S32U MSKN R/L 12-K	32	33	15,0	350	45	22	39	SNM.. 1204..	2,050
S40V MSKN R/L 12-K	40	37	18,5	400	50	27	48	SNM.. 1204..	3,750

Reference Bezeichnung							Nm
S32U MSKN R/L 12-K	2613	1086	5003	ISSN-432	1656	5025	3.0
S40V MSKN R/L 12-K	2613	1086	5003	ISSN-432	1656	5025	3.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

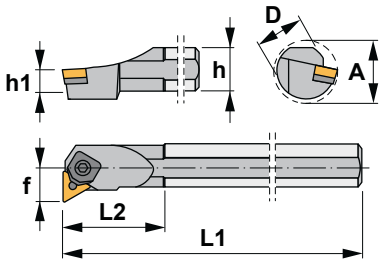
Reference / Bez.	l	s	d
SNM.. 1204..	12,70	4,76	12,70



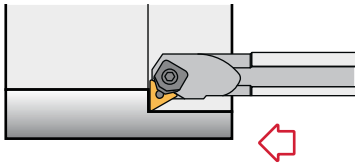
SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

Characteristics:
Internal turning and profiling boring bar equipped with triangular negative double-sided insert.
For low powered machines and small pieces choose boring bars Ref. CTFP (Page: A202) or STFC (page: A225).

Axial -6º
Radial -12º



Eigenschaften:
Bohrstange zum Innen- und Profildrehen mit doppelseitigen dreikantigen negativen Wendeschneidplatten.
Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen CTFP (Seite: A202) oder STFC (Seite: A225).



MTFN 90°

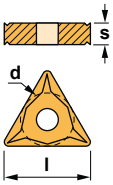
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T MTFN R/L 16	25	23	11,5	300	40	17	34	TNM.. 1604..	0,700
S32U MTFN R/L 16	32	30	15,0	350	45	22	39	TNM.. 1604..	2,050
S40V MTFN R/L 16	40	37	18,5	400	50	27	48	TNM.. 1604..	3,750
S50W MTFN R/L 16	50	47	23,5	450	60	35	61	TNM.. 1604..	6,500
S60Y MTFN R/L 16	60	57	28,5	600	75	43	80	TNM.. 1604..	12,600
S40V MTFN R/L 22	40	37	18,5	400	50	27	48	TNM.. 2204..	3,750
S50W MTFN R/L 22	50	47	23,5	450	60	35	61	TNM.. 2204..	6,500
S60Y MTFN R/L 22	60	57	28,5	600	75	43	80	TNM.. 2204..	12,600

Reference Bezeichnung						Nm
S25T MTFN R/L 16	2014	5005	3414	1644	1813	4.0
S32U MTFN R/L 16	2014	5005	3414	1644	1393	4.0
S40V MTFN R/L 16	2014	5005	3414	1644	1393	4.0
S50W MTFN R/L 16	2014	5005	3414	1644	1393	4.0
S60Y MTFN R/L 16	2014	5005	3414	1644	1393	4.0
S40V MTFN R/L 22	2024	5005	ITSN-433	1661	1394	4.0
S50W MTFN R/L 22	2024	5005	ITSN-433	1661	1394	4.0
S60Y MTFN R/L 22	2024	5005	ITSN-433	1661	1394	4.0

TNM..

Triangular negative inserts.
Dreikantige negative WSP. A45-46

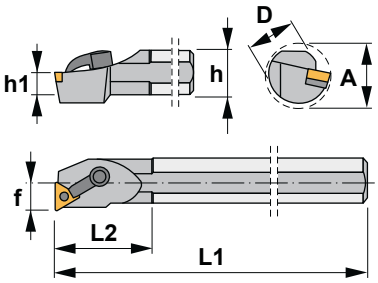
Reference / Bez.	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70



Characteristics:

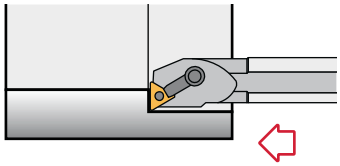
Internal turning and profiling boring bar equipped with triangular negative double-sided insert.
For low powered machines and small pieces choose boring bars Ref. CTFP (Page: A202) or STFC (Page: A225).

Axial -6º
Radial -11º



Eigenschaften:

Bohrstange zum Innen- und Profildrehen mit doppelseitigen dreikantigen negativen Wendeschneidplatten.
Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen CTFP (Seite: A202) oder STFC (Seite: A225).



MTFN-K 90°

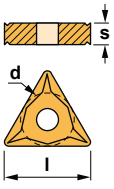
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T MTFN R/L 16-K	25	23	11,5	300	40	17	31	TNM.. 1604..	0,700
S32U MTFN R/L 16-K	32	30	15,0	350	45	22	39	TNM.. 1604..	2,050
S40V MTFN R/L 16-K	40	37	18,5	400	50	27	48	TNM.. 1604..	3,750

Reference Bezeichnung							Nm¹	Nm²
S25T MTFN R/L 16-K	2613	1086	5003	ITSN-322	1665	5002	3.0	1.4
S32U MTFN R/L 16-K	2613	1086	5003	ITSN-322	1665	5002	3.0	1.4
S40V MTFN R/L 16-K	2613	1086	5003	ITSN-322	1665	5002	3.0	1.4

TNM..

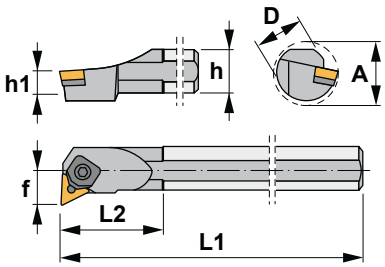
Triangular negative inserts.
Dreikantige negative WSP. A45-46

Reference / Bez.	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70

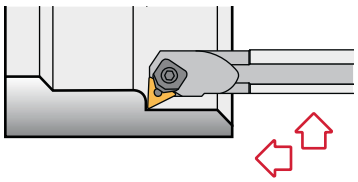


Characteristics:
Internal turning and profiling boring bar equipped with triangular negative double-sided insert.
For low powered machines and small pieces choose boring bars Ref. CTUP (Page: A203) or STUC (Page: A229).

Axial -6º
Radial -11º



Eigenschaften:
Bohrstange zum Innen- und Profildrehen mit doppelseitigen dreikantigen negativen Wendeschneidplatten.
Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen CTUP (Seite: A203) oder STUC (Seite: A229).



MTUN 93°

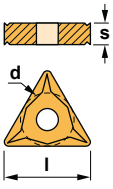
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T MTUN R/L 16	25	23	11,5	300	40	17	34	TNM.. 1604..	0,700
S32U MTUN R/L 16	32	30	15,0	350	45	22	39	TNM.. 1604..	2,050
S40V MTUN R/L 16	40	37	18,5	400	50	27	48	TNM.. 1604..	3,750
S50W MTUN R/L 16	50	47	23,5	450	60	35	61	TNM.. 1604..	6,500
S40V MTUN R/L 22	40	37	18,5	400	50	27	48	TNM.. 2204..	3,750
S50W MTUN R/L 22	50	47	23,5	450	60	35	61	TNM.. 2204..	6,500

Reference Bezeichnung						Nm
S25T MTUN R/L 16	2014	5005	3414	1644	1813	4.0
S32U MTUN R/L 16	2014	5005	3414	1644	1393	4.0
S40V MTUN R/L 16	2014	5005	3414	1644	1393	4.0
S50W MTUN R/L 16	2014	5005	3414	1644	1393	4.0
S40V MTUN R/L 22	2024	5005	ITSN-433	1661	1394	4.0
S50W MTUN R/L 22	2024	5005	ITSN-433	1661	1394	4.0

TNM..

Triangular negative inserts.
Dreikantige negative WSP. A45-46

Reference / Bez.	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70



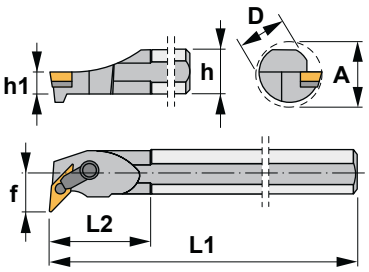
TNMA	TNMG-CC	TNMG-FC	TNMG-FMC	TNMG-KC
TNMG-MC	TNMG-MFC	TNMG-MHC	TNMG-TC	TNMX-R/L

Characteristics:

Internal turning and profiling boring bar equipped with rhombic negative double-sided insert (angle 35º).

For low powered machines and small pieces choose boring bars Ref. SVUC (Page: A235).

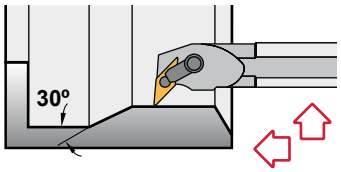
Axial -5º
Radial -15º



Eigenschaften:

Bohrstange zum Innen- und Profildrehen mit doppelseitigen rhombischen negativen Wendeschneidplatten (35º Winkel).

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen SVUC (Seite: A235).



MVUN-K 93°

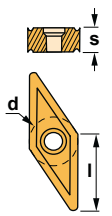
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T MVUN R/L 16-K	25	23	11,5	300	40	17	31	VN.. 1604..	0,700
S32U MVUN R/L 16-K	32	30	15,0	350	45	22	39	VN.. 1604..	2,050
S40V MVUN R/L 16-K	40	37	18,5	400	50	27	48	VN.. 1604..	3,750

Reference Bezeichnung			1			2	Nm¹	Nm²
S25T MVUN R/L 16-K	2614	1186	5003	IVSN-322	1665	5002	3.0	1.4
S32U MVUN R/L 16-K	2614	1086	5003	IVSN-322	1665	5002	3.0	1.4
S40V MVUN R/L 16-K	2614	1086	5003	IVSN-322	1665	5002	3.0	1.4

VN..

35º rhombic negative inserts.
35° rhombische negative Wendeschneidplatten. A49

Reference / Bez.	l	s	d
VN.. 1604..	16,50	4,76	9,52



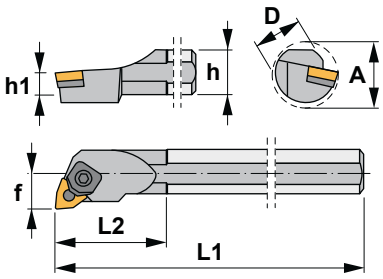
VNGP

VNMG

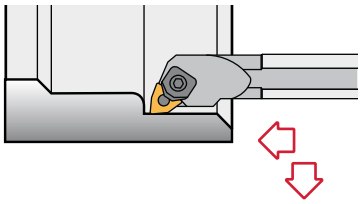
VNMG-TC

Characteristics:
Multipurpose boring bar equipped with trigon negative double-sided insert (angle 80º).
Not suitable for cermet, ceramic or K10, P10 grade inserts.

Axial -5º
Radial -11.5º



Eigenschaften:
Multifunktions-Bohrstange mit doppelseitigen negativen Trigon Wendeschneidplatten (80º Winkel).
Nicht geeignet für Cermet, Keramik oder K10 und P10 Wendeschneidplatten.



MWLN 95°

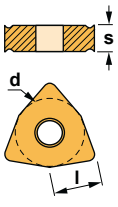
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S20S MWLN R/L 06	20	18	9,0	250	35	13	27	WNM.. 0604..	0,550
S25T MWLN R/L 06	25	23	11,5	300	40	17	31	WNM.. 0604..	0,700
S32U MWLN R/L 06	32	30	15,0	350	45	22	39	WNM.. 0604..	2,050
S25T MWLN R/L 08	25	23	11,5	300	40	17	31	WNM.. 0804..	0,700
S32U MWLN R/L 08	32	30	15,0	350	45	22	39	WNM.. 0804..	2,050
S40V MWLN R/L 08	40	37	18,5	400	50	27	48	WNM.. 0804..	3,750
S50W MWLN R/L 08	50	47	23,5	450	60	35	61	WNM.. 0804..	6,500
S60Y MWLN R/L 08	60	57	28,5	600	75	43	80	WNM.. 0804..	12,600

Reference Bezeichnung						Nm
S20S MWLN R/L 06	2006	5025	-	1643	1813	2.0
S25T MWLN R/L 06	2006	5025	3006	1644	1813	2.0
S32U MWLN R/L 06	2006	5025	3006	1644	1813	2.0
S25T MWLN R/L 08	2011	5005	-	1647	1814	4.0
S32U MWLN R/L 08	2011	5005	IWSN-433	1661	1814	4.0
S40V MWLN R/L 08	2011	5005	IWSN-433	1661	1814	4.0
S50W MWLN R/L 08	2011	5005	IWSN-433	1661	1814	4.0
S60Y MWLN R/L 08	2011	5005	IWSN-433	1661	1814	4.0

WNMG

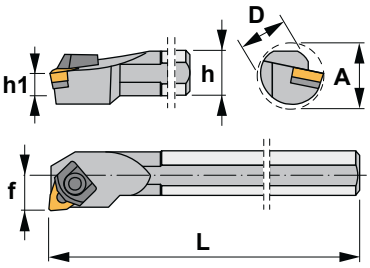
80º trigon negative inserts.
80º trigon negative Wendeschneidplatten. A50-51

Reference / Bez.	l	s	d
WNMG 0604..	6,45	4,76	9,52
WNMG 0804..	8,14	4,76	12,70

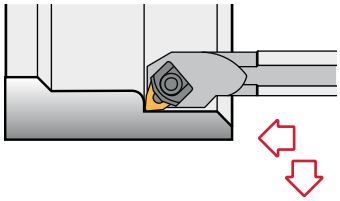


Characteristics:
Multipurpose boring bar equipped with trigon negative double-sided insert (angle 80º).
Especially recommended for cermet, ceramic or K10, P10 grade inserts.

Axial -5º
Radial -11.5º



Eigenschaften:
Multifunktions-Bohrstange mit doppelseitigen negativen Trigon Wendeschneidplatten (80º Winkel).
Besonders geeignet für Cermet, Keramik oder K10 und P10 Wendeschneidplatten.



MWLN-K 95°

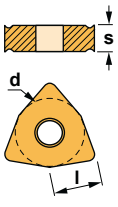
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T MWLN R/L 08-K	25	23	11,5	300	40	17	31	WNMG 0804..	0,700
S32U MWLN R/L 08-K	32	30	15,0	350	45	22	39	WNMG 0804..	2,050
S40V MWLN R/L 08-K	40	37	18,5	400	50	27	48	WNMG 0804..	3,750
S50W MWLN R/L 08-K	50	47	23,5	450	60	35	61	WNMG 0804..	6,500

Reference Bezeichnung						Nm
S25T MWLN R/L 08-K	2018	-	1647	5025	1814	2.0
S32U MWLN R/L 08-K	2018	IWSN-433	1661	5025	1814	2.0
S40V MWLN R/L 08-K	2018	IWSN-433	1661	5025	1814	2.0
S50W MWLN R/L 08-K	2018	IWSN-433	1661	5025	1814	2.0

WNMG

80º trigon negative inserts.
80º trigon negative Wendeschneidplatten. A50-51

Reference / Bez.	l	s	d
WNMG 0804..	8,14	4,76	12,70



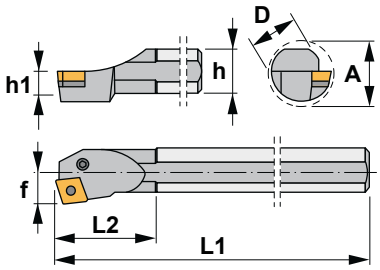
WNMG-FC	WNMG-FMC	WNMG-KC	WNMG-MFC
			
WNMG-MC	**WNMG-MHC**	**WNMG-TC**	
			

Characteristics:

Boring bar for internal turning applications equipped with rhombic negative inserts (angle 80º).

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

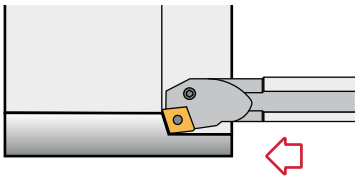
Axial -3º
Radial -11.5º



Eigenschaften:

Bohrstange zum Innendrehen mit rhombischen negativen Wendeschneidplatten (80º Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



PCKN 75°

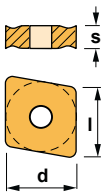
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T PCKN R/L 12	25	23	11,5	300	40	17	31	CN.. 1204..	0,700
S32U PCKN R/L 12	32	30	15,0	350	45	22	39	CN.. 1204..	2,050
S40V PCKN R/L 12	40	37	18,5	400	50	27	48	CN.. 1204..	3,750
S50W PCKN R/L 12	50	47	23,5	450	60	35	61	CN.. 1204..	6,500
S60Y PCKN R/L 12	60	57	28,5	600	75	43	80	CN.. 1204..	12,600
S40V PCKN R/L 16	40	37	18,5	400	50	27	48	CN.. 1606..	3,750
S50W PCKN R/L 16	50	47	23,5	450	60	35	61	CN.. 1606..	6,500
S60Y PCKN R/L 16	60	57	28,5	600	75	43	80	CN.. 1606..	12,600
S50W PCKN R/L 19	50	47	23,5	450	60	35	61	CN.. 1906..	6,500
S60Y PCKN R/L 19	60	57	28,5	600	75	43	80	CN.. 1906..	12,600

Reference Bezeichnung							Nm
S25T PCKN R/L 12	8212	1626	5025	-	-	-	2.0
S32U PCKN R/L 12	8312	1648	5003	3612	4112	0012	3.0
S40V PCKN R/L 12	8012	1608	5003	3612	4112	0012	3.0
S50W PCKN R/L 12	8012	1608	5003	3612	4112	0012	3.0
S60Y PCKN R/L 12	8012	1608	5003	3612	4112	0012	3.0
S40V PCKN R/L 16	8016	1618	5003	3616	4115	0015	3.0
S50W PCKN R/L 16	8016	1618	5003	3616	4115	0015	3.0
S60Y PCKN R/L 16	8016	1618	5003	3616	4115	0015	3.0
S50W PCKN R/L 19	8219	1610	5004	3619	4119	0019	3.5
S60Y PCKN R/L 19	8219	1610	5004	3619	4119	0019	3.5

CN..

80° rhombic negative inserts.
80º rhombische negative WSP. A32-34

Reference / Bez.	l	s	d
CN.. 1204..	12,90	4,76	12,70
CN.. 1606..	16,10	6,35	15,88
CN.. 1906..	19,30	6,35	19,05



CNMG-CC | CNMG-FC | CNMG-FMC | CNMG-KC | CNMG-MC

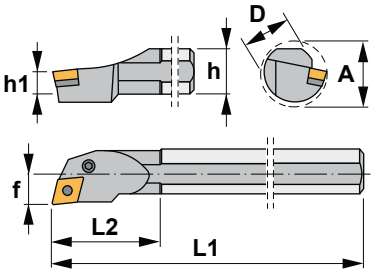
CNMG-MFC | CNMG-MHC | CNMG-RC | CNMG-TC | CNMM

Characteristics:

Boring bar for internal turning applications equipped with rhombic negative inserts (angle 80º).

For low powered machines and small pieces choose boring bars Ref. SCLC (Page: A207).

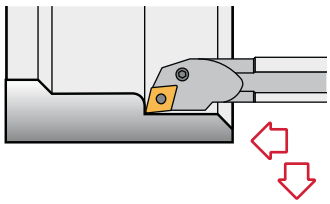
Axial -5º
Radial -13.5º



Eigenschaften:

Bohrstange zum Innendrehen mit rhombischen negativen Wendeschneidplatten (80º Winkel).

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen SCLC (Seite: A207).



PCLN 95°

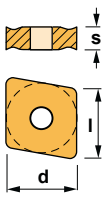
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S16R PCLN R/L 09	16	15	7,5	200	30	11	20	CN.. 0903..	0,300
S20S PCLN R/L 09	20	18	9,0	250	35	13	25	CN.. 0903..	0,550
S25T PCLN R/L 09	25	23	11,5	300	40	17	32	CN.. 0903..	0,700
S25T PCLN R/L 12	25	23	11,5	300	40	17	31	CN.. 1204..	0,700
S32U PCLN R/L 12	32	30	15,0	350	45	22	39	CN.. 1204..	2,050
S40V PCLN R/L 12	40	37	18,5	400	50	27	48	CN.. 1204..	3,750
S50W PCLN R/L 12	50	47	23,5	450	60	35	61	CN.. 1204..	6,500
S60Y PCLN R/L 12	60	57	28,5	600	75	43	80	CN.. 1204..	12,600
S40V PCLN R/L 16	40	37	18,5	400	50	27	48	CN.. 1606..	3,750
S50W PCLN R/L 16	50	47	23,5	450	60	35	61	CN.. 1606..	6,500
S60Y PCLN R/L 16	60	57	28,5	600	75	43	80	CN.. 1606..	12,600
S50W PCLN R/L 19	50	47	23,5	450	60	35	61	CN.. 1906..	6,500
S60Y PCLN R/L 19	60	57	28,5	600	75	43	80	CN.. 1906..	12,600

Reference Bezeichnung							Nm
S16R PCLN R/L 09	8005	1605	5002	-	-	-	1.4
S20S PCLN R/L 09	8005	1605	5002	-	-	-	1.4
S25T PCLN R/L 09	8009	1626	5025	3609	4109	0009	2.0
S25T PCLN R/L 12	8212	1626	5025	-	-	-	2.0
S32U PCLN R/L 12	8312	1648	5003	3612	4112	0012	3.0
S40V PCLN R/L 12	8012	1608	5003	3612	4112	0012	3.0
S50W PCLN R/L 12	8012	1608	5003	3612	4112	0012	3.0
S60Y PCLN R/L 12	8012	1608	5003	3612	4112	0012	3.0
S40V PCLN R/L 16	8016	1618	5003	3616	4115	0015	3.0
S50W PCLN R/L 16	8016	1618	5003	3616	4115	0015	3.0
S60Y PCLN R/L 16	8016	1618	5003	3616	4115	0015	3.0
S50W PCLN R/L 19	8219	1610	5004	3619	4129	0019	3.5
S60Y PCLN R/L 19	8219	1610	5004	3619	4129	0019	3.5

CN..

80° rhombic negative inserts.
80° rhombische negative WSP. A32-34

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



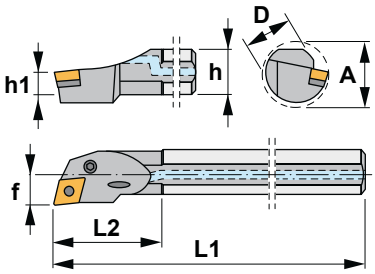
CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
				
CNMG-MFC	**CNMG-MHC**	**CNMG-RC**	**CNMG-TC**	**CNMM**
				

Characteristics:

Boring bar for internal turning applications equipped with rhombic negative inserts (angle 80º).

For low powered machines and small pieces choose boring bars Ref. A-SCLC (Page: A208).

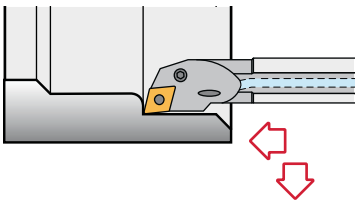
Axial -5º
Radial -13.5º



Eigenschaften:

Bohrstange zum Innendrehen mit rhombischen negativen Wendeschneidplatten (80º Winkel).

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen A-SCLC (Seite: A208).



A-PCLN 95°

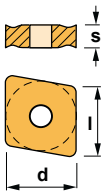
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
A16M PCLN R/L 09	16	15	7,5	150	30	11	20	CN.. 0903..	0,200
A20Q PCLN R/L 09	20	18	9,0	180	35	13	25	CN.. 0903..	0,400
A25R PCLN R/L 12	25	23	11,5	200	40	17	31	CN.. 1204..	0,700
A32S PCLN R/L 12	32	30	15,0	250	45	22	39	CN.. 1204..	1,400
A40T PCLN R/L 12	40	37	18,5	300	50	27	48	CN.. 1204..	2,650

Reference Bezeichnung							Nm
A16M PCLN R/L 09	8005	1605	5002	-	-	-	1.4
A20Q PCLN R/L 09	8005	1605	5002	-	-	-	1.4
A25R PCLN R/L 12	8212	1626	5025	-	-	-	2.0
A32S PCLN R/L 12	8312	1648	5003	3612	4112	0012	3.0
A40T PCLN R/L 12	8012	1608	5003	3612	4112	0012	3.0

CN..

80° rhombic negative inserts.
80° rhombische negative WSP. A32-34

Reference / Bez.	l	s	d
CN.. 0903..	9,65	3,18	9,52
CN.. 1204..	12,90	4,76	12,70



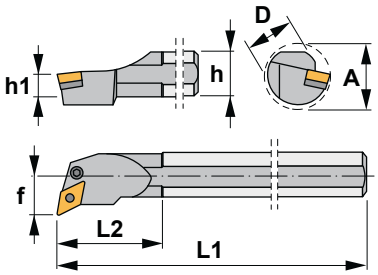
CNMG-CC	CNMG-FC	CNMG-FMC	CNMG-KC	CNMG-MC
CNMG-MFC	CNMG-MHC	CNMG-RC	CNMG-TC	CNMM

Characteristics:

Boring bar for internal turning and profiling applications equipped with rhombic negative inserts (angle 55º).

For low powered machines and small pieces choose boring bars Ref. SDUC (Page: A217).

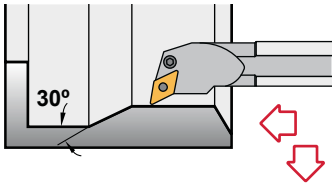
Axial -6º
Radial -14º



Eigenschaften:

Bohrstange zum Innen- und Profildrehen mit rhombischen negativen Wendeschneidplatten (55º Winkel) .

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen SDUC (Seite: A217).



PDUN 93°

Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S20S PDUN R/L 11	20	18	9,0	250	35	13	20	DN.. 1104..	0,550
S25T PDUN R/L 11	25	23	11,5	300	40	17	31	DN.. 1104..	0,700
S32U PDUN R/L 11	32	30	15,0	350	45	22	39	DN.. 1104..	2,050
S32U PDUN R/L 15	32	30	15,0	350	45	22	39	DN.. 1506..	2,050
S40V PDUN R/L 15	40	37	18,5	400	50	27	48	DN.. 1506..	3,750
S50W PDUN R/L 15	50	47	23,5	450	60	35	61	DN.. 1506..	6,500
S60Y PDUN R/L 15	60	57	28,5	600	75	43	80	DN.. 1506..	12,600

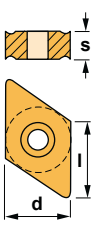
Reference Bezeichnung									Nm
S20S PDUN R/L 11	8216	1605	5002	-	-	-	-	-	1.4
S25T PDUN R/L 11	8009	1606	5025	3711	4109	0009	-	-	2.0
S32U PDUN R/L 11	8009	1606	5025	3711	4109	0009	-	-	2.0
S32U PDUN R/L 15	8415	1648	5003	3715	4112	0012	3725	4135	3.0
S40V PDUN R/L 15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
S50W PDUN R/L 15	8415	1638	5003	3715	4112	0012	3725	4135	3.0
S60Y PDUN R/L 15	8415	1638	5003	3715	4112	0012	3725	4135	3.0

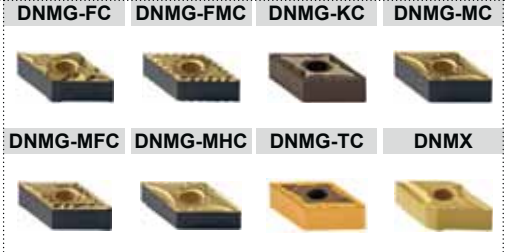
For DNM.. 1504.. inserts
Für Wendeschneidplatten DNM.. 1504..

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten. A36-37

Reference / Bez.	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1504..	15,50	4,76	12,70
DN.. 1506..	15,50	6,35	12,70



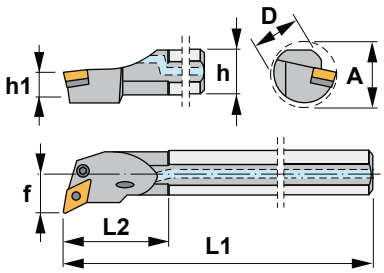


Characteristics:

Boring bar for internal turning and profiling applications equipped with rhombic negative inserts (angle 55º).

For low powered machines and small pieces choose boring bars Ref. A-SDUC (Page: A218).

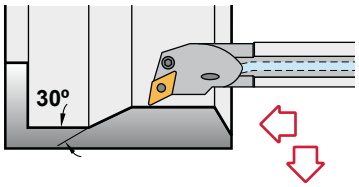
Axial -6º
Radial -14º



Eigenschaften:

Bohrstange zum Innen- und Profildrehen mit rhombischen negativen Wendeschneidplatten (55º Winkel) .

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen A-SDUC (Seite: A218).



A-PDUN 93°

Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
A25R PDUN R/L 11	25	23	11,5	200	40	17	31	DN.. 1104..	0,700
A32S PDUN R/L 15	32	30	15,0	250	45	22	39	DN.. 1506..	1,400
A40T PDUN R/L 15	40	37	18,5	300	50	27	48	DN.. 1506..	2,650

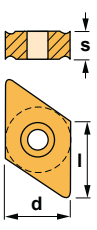
Reference Bezeichnung									Nm
A25R PDUN R/L 11	8009	1606	5025	3711	4109	0009	-	-	2.0
A32S PDUN R/L 15	8415	1648	5003	3715	4112	0012	3725	4135	3.0
A40T PDUN R/L 15	8415	1638	5003	3715	4112	0012	3725	4135	3.0

For DNM.. 1504.. inserts
Für Wendeschneidplatten DNM.. 1504..

DN..

55º rhombic negative inserts. 55º rhombische negative Wendeschneidplatten. A36-37

Reference / Bez.	l	s	d
DN.. 1104..	11,60	4,76	9,52
DN.. 1504..	15,50	4,76	12,70
DN.. 1506..	15,50	6,35	12,70



DNMG-FC | DNMG-FMC | DNMG-KC | DNMG-MC

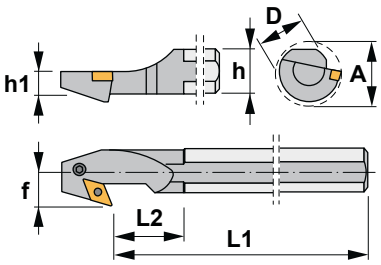
DNMG-MFC | DNMG-MHC | DNMG-TC | DNMX

Characteristics:

Backwards boring bar for internal turning and profiling applications equipped with rhombic negative inserts (angle 55º).

For low powered machines and small pieces choose boring bars Ref. SDUC-EX (Page: A221).

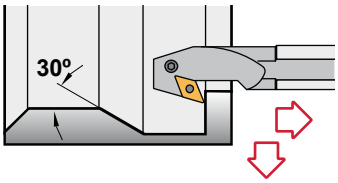
Axial -6º
Radial -14º



Eigenschaften:

Rückwärts-Bohrstange zum Innen- und Profildrehen mit rhombischen negativen Wendeschneidplatten (55º Winkel) .

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen SDUC-EX (Seite: A221).



PDUN 93°-EX

Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S32U PDUN R/L 15-EX	32	30	15,0	350	50	22	39	DN.. 1506..	2,050
S40V PDUN R/L 15-EX	40	37	18,5	400	60	27	48	DN.. 1506..	3,750
S50W PDUN R/L 15-EX	50	47	23,5	450	65	35	61	DN.. 1506..	6,500

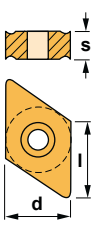
Reference Bezeichnung									Nm
S32U PDUN R/L 15-EX	8415	1648	5003	-	-	-	-	-	3.0
S40V PDUN R/L 15-EX	8415	1638	5003	3715	4112	0012	3725	4135	3.0
S50W PDUN R/L 15-EX	8415	1638	5003	3715	4112	0012	3725	4135	3.0

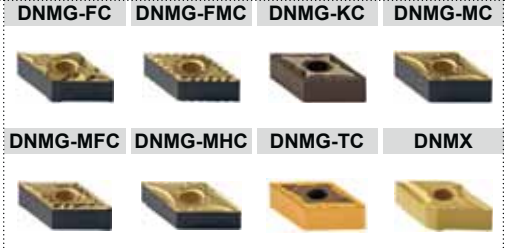
For DNM.. 1504.. inserts
Für Wendeschneidplatten DNM.. 1504..

DN..

55º rhombic negative inserts.
55º rhombische negative Wendeschneidplatten.
A36-37

Reference / Bez.	l	s	d
DN.. 1504..	15,50	4,76	12,70
DN.. 1506..	15,50	6,35	12,70



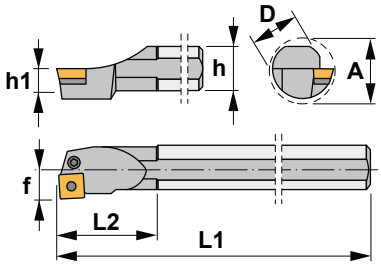


Characteristics:

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

For low powered machines and small pieces choose boring bars Ref. CSKP (Page: A201) or SSKC (Page: A223).

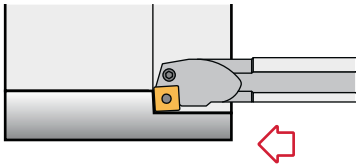
Axial -3º
Radial -11º



Eigenschaften:

Bohrstange zum Innendrehen mit vierkantigen negativen Wendeschneidplatten.

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen CSKP (Seite: A201) oder SSKC (Seite: A223).



PSKN 75°

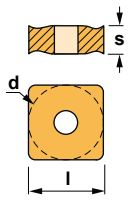
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T PSKN R/L 12	25	23	11,5	300	40	17	31	SNM.. 1204..	0,700
S32U PSKN R/L 12	32	30	15,0	350	45	22	39	SNM.. 1204..	2,050
S40V PSKN R/L 12	40	37	18,5	400	50	27	48	SNM.. 1204..	3,750
S40V PSKN R/L 15	40	37	18,5	400	50	27	48	SNM.. 1506..	3,750
S50W PSKN R/L 15	50	47	23,5	450	60	35	61	SNM.. 1506..	6,500
S50W PSKN R/L 19	50	47	23,5	450	60	35	61	SNM.. 1906..	6,500
S60Y PSKN R/L 19	60	57	28,5	600	75	43	80	SNM.. 1906..	12,600

Reference Bezeichnung							Nm
S25T PSKN R/L 12	8212	1626	5025	-	-	-	2.0
S32U PSKN R/L 12	8312	1648	5003	3512	4112	0012	3.0
S40V PSKN R/L 12	8012	1608	5003	3512	4112	0012	3.0
S40V PSKN R/L 15	8012	1608	5003	3512	4112	0012	3.0
S50W PSKN R/L 15	8016	1618	5003	3515	4115	0015	3.0
S50W PSKN R/L 19	8219	1710	5004	3519	4129	0019	3.5
S60Y PSKN R/L 19	8219	1710	5004	3519	4129	0019	3.5

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

Reference / Bez.	l	s	d
SNM.. 1204..	12,70	4,76	12,70
SNM.. 1506..	15,88	6,35	15,88
SNM.. 1906..	19,05	6,35	19,05



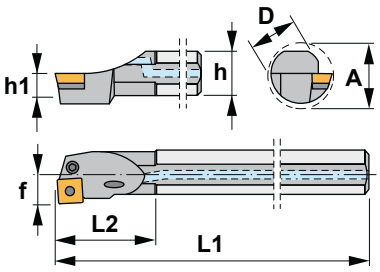
SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

Characteristics:

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

For low powered machines and small pieces choose boring bars Ref. CSKP (Page: A201) or SSKC (Page: A223).

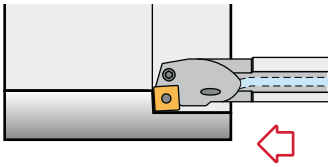
Axial -3º
Radial -11º



Eigenschaften:

Bohrstange zum Innendrehen mit vierkantigen negativen Wendeschneidplatten.

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen CSKP (Seite: A201) oder SSKC (Seite: A223).



A-PSKN 75°

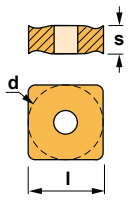
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
A25R PSKN R/L 12	25	23	11,5	200	40	17	31	SNM.. 1204..	0,700
A32S PSKN R/L 12	32	30	15,0	250	45	22	39	SNM.. 1204..	1,400
A40T PSKN R/L 12	40	37	18,5	300	50	27	48	SNM.. 1204..	2,650

Reference Bezeichnung							Nm
A25R PSKN R/L 12	8212	1626	5025	-	-	-	2.0
A32S PSKN R/L 12	8312	1648	5003	3512	4112	0012	3.0
A40T PSKN R/L 12	8012	1608	5003	3512	4112	0012	3.0

SNM..

Square negative inserts.
Vierkantige negative Wendeschneidplatten. A41-42

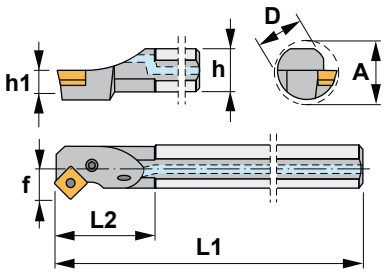
Reference / Bez.	l	s	d
SNM.. 1204..	12,70	4,76	12,70



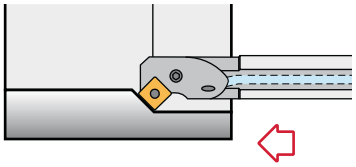
SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

Characteristics:
Boring bar for internal turning applications equipped with square negative inserts.
For low powered machines and small pieces choose boring bars Ref. A-SSSC (Page: A224).

Axial -3º
Radial -11º



Eigenschaften:
Bohrstange zum Innendrehen mit vierkantigen negativen Wendeschneidplatten.
Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen A-SSSC (Seite: A224).



A-PSSN 45°

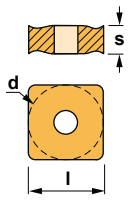
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
A25R PSSN R/L 12	25	23	11,5	200	40	17	31	SNM.. 1204..	0,700
A32S PSSN R/L 12	32	30	15,0	250	45	22	39	SNM.. 1204..	2,050

Reference Bezeichnung							Nm
A25R PSSN R/L 12	8212	1626	5025	-	-	-	2.0
A32S PSSN R/L 12	8312	1648	5003	3512	4112	0012	3.0

SNM..

Square negative inserts. A41-42
Vierkantige negative Wendeschneidplatten.

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



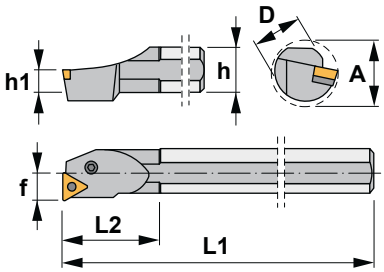
SNMG-FMC	SNMG-KC	SNMG-MHC
		
SNMG-RC	**SNMG-TC**	**SNMM**
		

Characteristics:

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

For low powered machines and small pieces choose boring bars Ref. CTFP (Page: A202) or STFC (Page: A225).

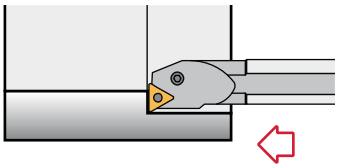
Axial -6º
Radial -11º



Eigenschaften:

Bohrstange zum Innendrehen mit dreikantigen negativen Wendeschneidplatten.

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen CTFP (Seite: A202) oder STFC (Seite: A225).



PTFN 90°

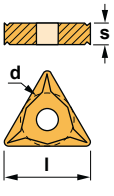
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T PTFN R/L 16	25	23	11,5	300	40	17	31	TNM.. 1604..	0,700
S32U PTFN R/L 16	32	30	15,0	350	45	22	39	TNM.. 1604..	2,050
S40V PTFN R/L 16	40	37	18,5	400	50	27	48	TNM.. 1604..	3,750
S50W PTFN R/L 16	50	47	23,5	450	60	35	61	TNM.. 1604..	6,500
S40V PTFN R/L 22	40	37	18,5	400	50	27	48	TNM.. 2204..	3,750
S50W PTFN R/L 22	50	47	23,5	450	60	35	61	TNM.. 2204..	6,500

Reference Bezeichnung							Nm
S25T PTFN R/L 16	8216	1605	5002	-	-	-	1.4
S32U PTFN R/L 16	8009	1606	5025	3416	4109	0009	2.0
S40V PTFN R/L 16	8009	1606	5025	3416	4109	0009	2.0
S50W PTFN R/L 16	8009	1606	5025	3416	4109	0009	2.0
S40V PTFN R/L 22	8012	1608	5003	3422	4112	0012	3.0
S50W PTFN R/L 22	8012	1608	5003	3422	4112	0012	3.0

TNM..

Triangular negative inserts. Dreikantige negative WSP. A45-46

Reference / Bez.	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70



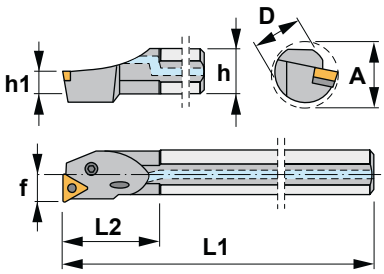
TNMA	TNMG-CC	TNMG-FC	TNMG-FMC	TNMG-KC
				
TNMG-MC	**TNMG-MFC**	**TNMG-MHC**	**TNMG-TC**	**TNMX-R/L**
				

Characteristics:

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

For low powered machines and small pieces choose boring bars Ref. CTFP (Page: A202) or A-STFC (Page: A226).

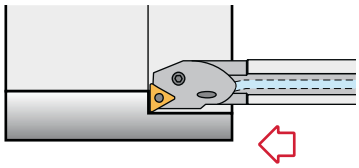
Axial -6º
Radial -11º



Eigenschaften:

Bohrstange zum Innendrehen mit dreikantigen negativen Wendeschneidplatten.

Für Niederleistungsmaschinen und kleine Werkstücke, wählen Sie Bohrstangen CTFP (Seite: A202) oder A-STFC (Seite: A226).



A-PTFN 90°

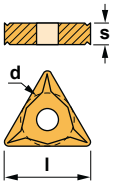
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
A25R PTFN R/L 16	25	23	11,5	200	40	17	31	TNM.. 1604..	0,700
A32S PTFN R/L 16	32	30	15,0	250	45	22	39	TNM.. 1604..	1,400
A40T PTFN R/L 22	40	37	18,5	300	50	27	48	TNM.. 2204..	2,650

Reference Bezeichnung							Nm
A25R PTFN R/L 16	8216	1605	5002	-	-	-	1.4
A32S PTFN R/L 16	8009	1606	5025	3416	4109	0009	2.0
A40T PTFN R/L 22	8012	1608	5003	3422	4112	0012	3.0

TNM..

Triangular negative inserts.
Dreikantige negative WSP. A45-46

Reference / Bez.	l	s	d
TNM.. 1604..	16,50	4,76	9,52
TNM.. 2204..	22,00	4,76	12,70



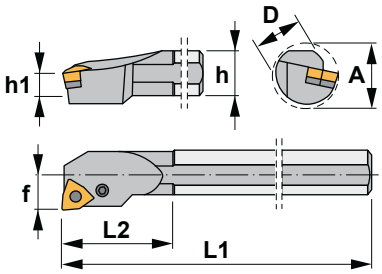
TNMA	TNMG-CC	TNMG-FC	TNMG-FMC	TNMG-KC
				
TNMG-MC	**TNMG-MFC**	**TNMG-MHC**	**TNMG-TC**	**TNMX-R/L**
				

Characteristics:

Boring bar for internal turning applications equipped with trigon negative inserts (angle 80º).

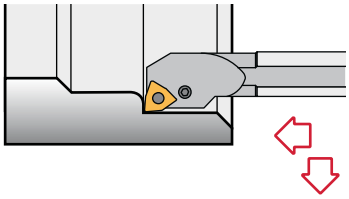
For general applications, roughing, semi-finishing and finishing.

Axial -6º
Radial -13.5º



Eigenschaften:

Bohrstangen zum Innendrehen mit negativen Trigon Wendeschneidplatten (80º Winkel). Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



PWLN 95°

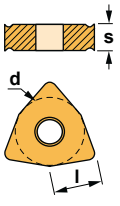
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S16R PWLN R/L 06	16	15	7,5	200	30	11	20	WNM.. 0604..	0,300
S20S PWLN R/L 06	20	18	9,0	250	35	13	27	WNM.. 0604..	0,550
S25T PWLN R/L 06	25	23	11,5	300	40	17	31	WNM.. 0604..	0,700
S25T PWLN R/L 08	25	23	11,5	300	40	17	31	WNM.. 0804..	0,700
S32U PWLN R/L 08	32	30	15,0	350	45	22	39	WNM.. 0804..	2,050
S40V PWLN R/L 08	40	37	18,5	400	50	27	48	WNM.. 0804..	3,750

Reference Bezeichnung							Nm
S16R PWLN R/L 06	8216	1605	5002	-	-	-	1.4
S20S PWLN R/L 06	8216	1605	5002	-	-	-	1.4
S25T PWLN R/L 06	8009	1606	5025	3007	4109	0009	2.0
S25T PWLN R/L 08	8212	1626	5025	-	-	-	2.0
S32U PWLN R/L 08	8012	1608	5003	3008	4112	0012	3.0
S40V PWLN R/L 08	8012	1608	5003	3008	4112	0012	3.0

WNMG

80º trigon negative inserts.
80º trigon negative Wendeschneidplatten. A50-51

Reference / Bez.	l	s	d
WNMG 0604..	6,45	4,76	9,52
WNMG 0804..	8,14	4,76	12,70



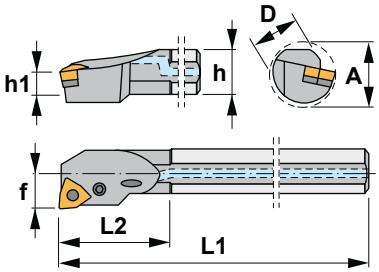
WNMG-FC	WNMG-FMC	WNMG-KC	WNMG-MFC
			
WNMG-MC	**WNMG-MHC**	**WNMG-TC**	
			

Characteristics:

Boring bar for internal turning applications equipped with trigon negative inserts (angle 80º).

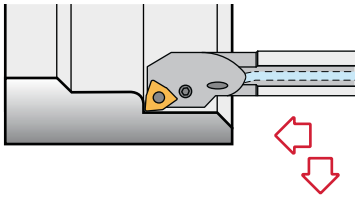
For general applications, roughing, semi-finishing and finishing.

Axial -6º
Radial -13.5º



Eigenschaften:

Bohrstangen zum Innendrehen mit negativen Trigon Wendeschneidplatten (80º Winkel). Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



A-PWLN 95°

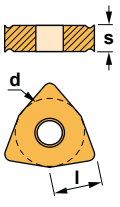
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
A16M PWLN R/L 06	16	15	7,5	150	30	11	20	WNM.. 0604..	0,200
A20Q PWLN R/L 06	20	18	9,0	180	35	13	27	WNM.. 0604..	0,400
A25R PWLN R/L 06	25	23	11,5	200	40	17	31	WNM.. 0604..	0,700
A32S PWLN R/L 06	32	30	15,0	250	45	22	39	WNM.. 0604..	1,400
A25R PWLN R/L 08	25	23	11,5	200	40	17	31	WNM.. 0804..	0,700
A32S PWLN R/L 08	32	30	15,0	250	45	22	39	WNM.. 0804..	1,400
A40T PWLN R/L 08	40	37	18,5	300	50	27	48	WNM.. 0804..	2,650

Reference Bezeichnung							Nm
A16M PWLN R/L 06	8216	1605	5002	-	-	-	1.4
A20Q PWLN R/L 06	8216	1605	5002	-	-	-	1.4
A25R PWLN R/L 06	8009	1606	5025	3007	4109	0009	2.0
A32S PWLN R/L 06	8009	1606	5025	3007	4109	0009	2.0
A25R PWLN R/L 08	8212	1626	5025	-	-	-	2.0
A32S PWLN R/L 08	8012	1608	5003	3008	4112	0012	3.0
A40T PWLN R/L 08	8012	1608	5003	3008	4112	0012	3.0

WNMG

80º trigon negative inserts.
80º trigon negative Wendeschneidplatten. A50-51

Reference / Bez.	l	s	d
WNMG 0604..	6,45	4,76	9,52
WNMG 0804..	8,14	4,76	12,70



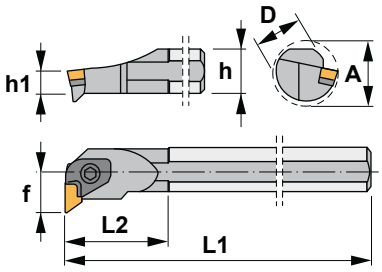
WNMG-FC	WNMG-FMC	WNMG-KC	WNMG-MFC
			
WNMG-MC	**WNMG-MHC**	**WNMG-TC**	
			

Characteristics:

Boring bar for internal turning and profiling operations equipped with KNUX negative insert.

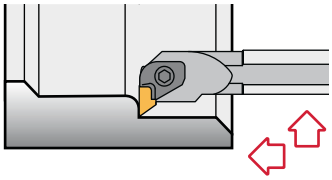
For semi-finishing and finishing operations.

Axial -6º
Radial -10º



Eigenschaften:

Bohrstange zum Innen- und Profildrehen mit negativen KNUX Wendeschneidplatten.
Zum Vorschlichten und Schlichten.



CKUN 93°

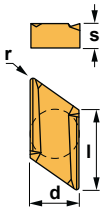
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S25T CKUN R/L 16	25	23	11,5	300	40	20,5	37	KNUX 1604..	0,700
S32U CKUN R/L 16	32	30	15,0	350	45	22,0	39	KNUX 1604..	2,050
S40V CKUN R/L 16	40	37	18,5	400	50	27,0	48	KNUX 1604..	3,750
S50W CKUN R/L 16	50	47	23,5	450	60	35,0	61	KNUX 1604..	6,500

Reference Bezeichnung								Nm
S25T CKUN L 16	2316	1614	5004	4295	4201	-	-	3.5
S32U CKUN L 16	2316	1614	5004	4295	4202	3226	4012	3.5
S40V CKUN L 16	2316	1614	5004	4295	4204	3226	4012	3.5
S50W CKUN L 16	2316	1614	5004	4295	4204	3226	4012	3.5
S25T CKUN R 16	2326	1614	5004	4295	4201	-	-	3.5
S32U CKUN R 16	2326	1614	5004	4295	4202	3236	4012	3.5
S40V CKUN R 16	2326	1614	5004	4295	4204	3236	4012	3.5
S50W CKUN R 16	2326	1614	5004	4295	4204	3236	4012	3.5

KNUX

KNUX negative insert.
KNUX negative Wendeschneidplatte. A38

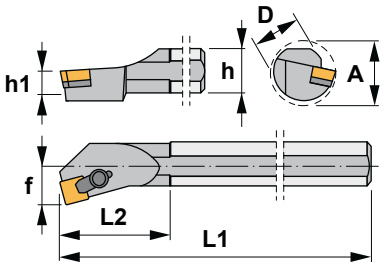
Reference / Bezeichnung	l	s	d
KNUX 1604..	16,00	4,76	9,52



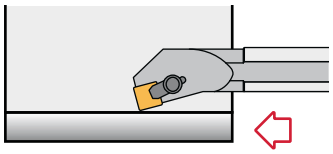
KNUX

Characteristics:
Boring bar for internal turning applications equipped with square positive inserts.
For interrupted cut choose boring bars Ref. PSKN (Page: A193).

Axial 6.5º
Radial -1.25º



Eigenschaften:
Bohrstange zum Innendrehen mit vierkantigen positiven Wendeschneidplatten.
Für unterbrochenen Schnitt wählen Sie Bohrstangen PSKN (Seite: A193).



CSKP 75°

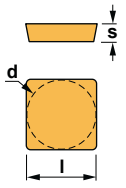
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S16R CSKP R/L 09	16	15	7,5	200	30	11	20	SP.. 0903..	0,300
S20S CSKP R/L 09	20	18	9,0	250	35	13	24	SP.. 0903..	0,550
S25T CSKP R/L 12	25	23	11,5	300	40	17	31	SP.. 1203..	1,050
S32U CSKP R/L 12	32	30	15,0	350	45	22	39	SP.. 1203..	2,050
S40V CSKP R/L 12	40	37	18,5	400	50	27	48	SP.. 1203..	3,750
S50W CSKP R/L 12	50	47	23,5	450	60	35	61	SP.. 1203..	6,500
S50W CSKP R/L 19	50	47	23,5	450	60	35	61	SP.. 1904..	6,500

Reference Bezeichnung					Nm
S16R CSKP R/L 09	2107	5025	-	-	2.0
S20S CSKP R/L 09	2107	5025	-	-	2.0
S25T CSKP R/L 12	2109	5003	-	-	3.0
S32U CSKP R/L 12	2209	5003	3112	4002	3.0
S40V CSKP R/L 12	2209	5003	3112	4002	3.0
S50W CSKP R/L 12	2209	5003	3112	4002	3.0
S50W CSKP R/L 19	2211	5004	3119	4012	3.5

SP..

Square positive inserts with 11º clearance.
Vierkantige positive Wendeschneidplatten mit 11º Freiwinkel. A43

Reference / Bezeichnung	l	s	d
SP.. 0903..	9,52	3,18	9,52
SP.. 1203..	12,70	3,18	12,70
SP.. 1904..	19,05	4,76	19,05

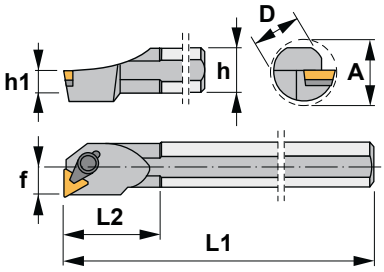


SPMR

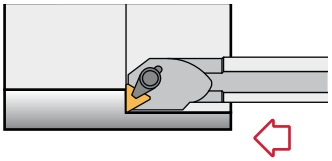
SPUN

Characteristics:
Boring bar for internal turning applications equipped with triangular positive inserts.
For interrupted cut choose boring bars Ref. MTFN (Page: A181) or PTFN (Page: A196).

Axial 6º
Radial 0º



Eigenschaften:
Bohrstange zum Innendrehen mit dreikantigen positiven Wendeschneidplatten.
Für unterbrochenen Schnitt wählen Sie Bohrstangen MTFN (Seite: A181) oder PTFN (Seite: A196).



CTFP 90°

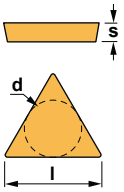
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S10M CTFP R/L 09	10	9	4,5	150	22	7	13	TP.. 0902..	0,060
S12M CTFP R/L 09	12	11	5,5	150	25	9	16	TP.. 0902..	0,150
S12M CTFP R/L 11	12	11	5,5	150	25	9	16	TP.. 1103..	0,150
S16R CTFP R/L 11	16	15	7,5	200	30	11	20	TP.. 1103..	0,300
S20S CTFP R/L 11	20	18	9,0	250	35	13	24	TP.. 1103..	0,550
S16R CTFP R/L 16	16	15	7,5	200	30	11	20	TP.. 1603..	0,300
S20S CTFP R/L 16	20	18	9,0	250	35	13	24	TP.. 1603..	0,550
S25T CTFP R/L 16	25	23	11,5	300	40	17	31	TP.. 1603..	0,700
S32U CTFP R/L 16	32	30	15,0	350	45	22	39	TP.. 1603..	2,050
S40V CTFP R/L 16	40	37	18,5	400	50	27	48	TP.. 1603..	3,750
S50W CTFP R/L 16	50	47	23,5	450	60	35	61	TP.. 1603..	6,500
S40V CTFP R/L 22	40	37	18,5	400	50	27	48	TP.. 2204..	3,750
S50W CTFP R/L 22	50	47	23,5	450	60	35	61	TP.. 2204..	6,500

Reference Bezeichnung					Nm
S10M CTFP R/L 09	2000	5015	-	-	0.6
S12M CTFP R/L 09	2000	5015	-	-	0.6
S12M CTFP R/L 11	2304	5025	-	-	2.0
S16R CTFP R/L 11	2107	5025	-	-	2.0
S20S CTFP R/L 11	2107	5025	-	-	2.0
S16R CTFP R/L 16	2119	5003	-	-	3.0
S20S CTFP R/L 16	2119	5003	-	-	3.0
S25T CTFP R/L 16	2109	5003	-	-	3.0
S32U CTFP R/L 16	2209	5003	3116	4002	3.0
S40V CTFP R/L 16	2209	5003	3116	4002	3.0
S50W CTFP R/L 16	2209	5003	3116	4002	3.0
S40V CTFP R/L 22	2211	5004	3122	4012	3.5
S50W CTFP R/L 22	2211	5004	3122	4012	3.5

TP..

Triangular positive inserts with 11º clearance.
Dreikantige positive Wendeschneidplatten mit 11º Freiwinkel. A47

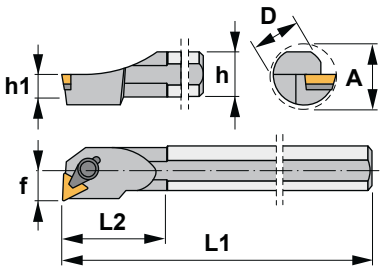
Reference / Bez.	l	s	d
TP.. 0902..	9,62	2,38	5,55
TP.. 1103..	11,00	3,18	6,35
TP.. 1603..	16,50	3,18	9,52
TP.. 2204..	22,00	4,76	12,70



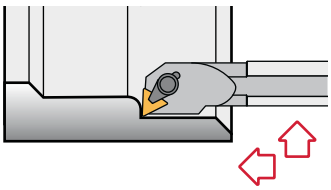
TPMN	TPMR	TPUN
		
TPUX-R	**TPUX-L**	
		

Characteristics:
Boring bar for internal turning applications equipped with triangular positive inserts.
For interrupted cut choose boring bars Ref. MTUN (Page: A183).

Axial 0º
Radial -6º



Eigenschaften:
Bohrstange zum Innendrehen mit dreikantigen positiven Wendeschneidplatten.
Für unterbrochenen Schnitt wählen Sie Bohrstangen MTUN (Seite: A183).



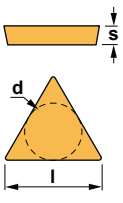
CTUP 93°

Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S10M CTUP R/L 09	10	9	4,5	150	22	7	13	TP.. 0902..	0,060
S12M CTUP R/L 09	12	11	5,5	150	25	9	16	TP.. 0902..	0,150
S12M CTUP R/L 11	12	11	5,5	150	25	9	16	TP.. 1103..	0,150
S16R CTUP R/L 11	16	15	7,5	200	30	11	20	TP.. 1103..	0,300
S20S CTUP R/L 11	20	18	9,0	250	35	13	24	TP.. 1103..	0,550
S16R CTUP R/L 16	16	15	7,5	200	30	11	20	TP.. 1603..	0,300
S20S CTUP R/L 16	20	18	9,0	250	35	13	24	TP.. 1603..	0,550
S25T CTUP R/L 16	25	23	11,5	300	40	17	31	TP.. 1603..	0,700
S32U CTUP R/L 16	32	30	15,0	350	45	22	39	TP.. 1603..	2,050
S40V CTUP R/L 16	40	37	18,5	400	50	27	48	TP.. 1603..	3,750
S50W CTUP R/L 16	50	47	23,5	450	60	35	61	TP.. 1603..	6,500
S40V CTUP R/L 22	40	37	18,5	400	50	27	48	TP.. 2204..	3,750
S50W CTUP R/L 22	50	47	23,5	450	60	35	61	TP.. 2204..	6,500

Reference Bezeichnung					Nm
S10M CTUP R/L 09	2000	5015	-	-	0.6
S12M CTUP R/L 09	2000	5015	-	-	0.6
S12M CTUP R/L 11	2304	5025	-	-	2.0
S16R CTUP R/L 11	2107	5025	-	-	2.0
S20S CTUP R/L 11	2107	5025	-	-	2.0
S16R CTUP R/L 16	2119	5003	-	-	3.0
S20S CTUP R/L 16	2119	5003	-	-	3.0
S25T CTUP R/L 16	2109	5003	-	-	3.0
S32U CTUP R/L 16	2209	5003	3116	4002	3.0
S40V CTUP R/L 16	2209	5003	3116	4002	3.0
S50W CTUP R/L 16	2209	5003	3116	4002	3.0
S40V CTUP R/L 22	2211	5004	3122	4012	3.5
S50W CTUP R/L 22	2211	5004	3122	4012	3.5

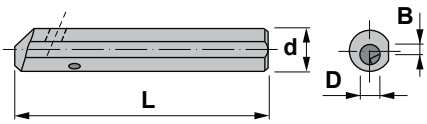
TP.. Triangular positive inserts with 11º clearance. Dreikantige positive Wendeschneidplatten mit 11º Freiwinkel. A47

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

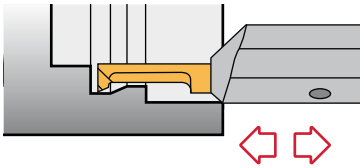


TPMN	TPMR	TPUN
		
TPUX-R	**TPUX-L**	
		

Characteristics:
Multipurpose boring bar for grooving, threading and turning.
For smaller diameters from 4,2 mm.



Eigenschaften:
Multifunktions-Bohrstange zum Stechen, Gewindedrehen und Drehen.
Für kleinere Durchmesser ab 4,2 mm.



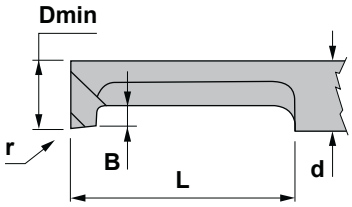
00.30

Reference Bezeichnung	L	d	B	D	Tool size Werkzeug	Kg
00.30.12.04	100	12	2,35	2,5 / 4,2	CTI 04..	0,070
00.30.16.06	120	16	2,80	8,2	CTI 06..	0,150

Reference Bezeichnung			Nm
00.30.12.04	1505	5025	2.0
00.30.16.06	1506	5003	3.0

Characteristics:
Turning tool.

Eigenschaften:
Drehwerkzeuge.

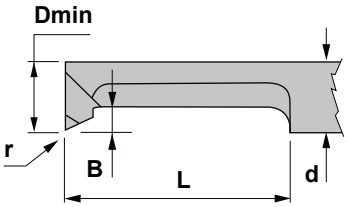


AR

Reference Bezeichnung	L	d	B	Dmin	r
CTI 0402 AR	15	4	0,8	4,2	0,2
CTI 0602 AR	20	6	1,8	6,2	0,2

Characteristics:
Copying tool.

Eigenschaften:
Kopierwerkzeuge.

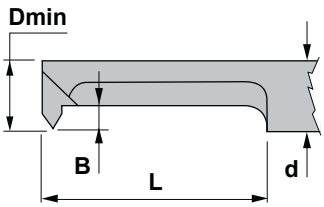


BR

Reference Bezeichnung	L	d	B	Dmin	r
CTI 0402 BR	15	4	0,8	4,2	0,2
CTI 0602 BR	20	6	1,8	6,2	0,2

Characteristics:
Threading tool.

Eigenschaften:
Gewindewerkzeuge.

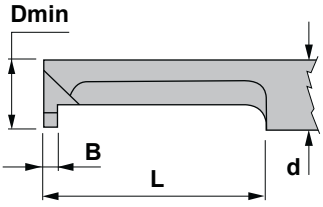


CR

Reference Bezeichnung	L	d	B	Dmin
CTI 0400 CR	15	4	0,8	M5
CTI 0600 CR	20	6	1,8	M8

Characteristics:
Grooving tool.

Eigenschaften:
Stechwerkzeuge.

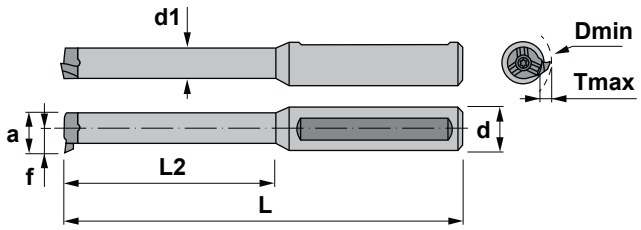


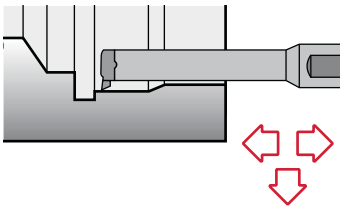
DR

Reference Bezeichnung	L	d	B	Dmin
CTI 0410 DR	15	4	1,0	4,2
CTI 0615 DR	20	6	1,8	6,2

Characteristics: Multipurpose boring bar for grooving, threading and turning.
For smaller diameters from 8 mm.

Eigenschaften: Multifunktions-Bohrstange zum Stechen, Gewindedrehen und Drehen.
Für kleinere Durchmesser ab 8 mm.





608.00

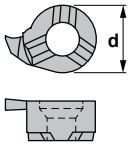
Reference Bezeichnung	Dmin	d	d1	L	L2	a	f	Tmax	Insert size Wendeschneidplatte	Kg
608.0012.2 HM	8	12	6	90	30	7,8	4,8	1,0	R/LS08	0,090
611.0012.2 HM	11	12	8	110	42	10,7	6,7	2,3	R/LS11	0,090
614.0012.2 HM	14	12	11	110	45	13,8	9,0	4,0	R/LS14	0,130
616.0012.2 HM	16	12	11	130	56	15,7	10,2	4,3	R/LS16	0,265

Reference Bezeichnung			Nm
608.0012.2 HM	1226	5508	1.2
611.0012.2 HM	1535	5510	2.0
614.0012.2 HM	1244	5515	3.0
616.0012.2 HM	1255	5520	4.0

R/LS..

B11-15

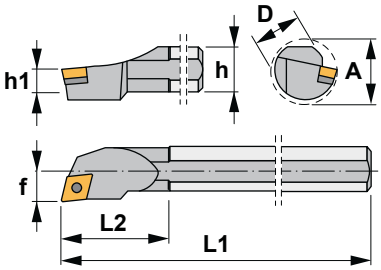
Reference / Bez.	d
R/LS.. 08..	6,0
R/LS.. 11..	8,0
R/LS.. 14..	9,0
R/LS.. 16..	11,0



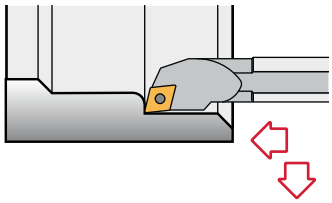
R/LS	R/LS
 Insert for turning WSP zum Drehen	 Insert for grooving with radius WSP zum Vollradius-Stechen
R/LS	**R/LS**
 Insert for threading WSP zum Gewindedrehen	 Insert for grooving WSP zum Stechen

Characteristics:
Multipurpose boring bar equipped with rhombic positive insert (angle 80º).
For boring bars with negative inserts see Ref. MCLN-K (Page: A178) or PCLN (Page: A188).

Axial 0º
Radial -6º



Eigenschaften:
Multifunktions-Bohrstange mit rhombischen positiven Wendeschneidplatten (80º Winkel).
Für Bohrstangen mit negativen Wendeschneidplatten siehe MCLN-K (Seite: A178) oder PCLN (Seite: A188).



SCLC 95°

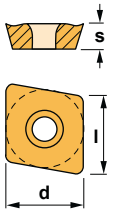
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
S08K SCLC R/L 06	8	7	3,5	125	16	5	11	CC.. 0602..	0,040
S10M SCLC R/L 06	10	9	4,5	150	22	7	13	CC.. 0602..	0,060
S12M SCLC R/L 06	12	11	5,5	150	25	9	16	CC.. 0602..	0,150
S12M SCLC R/L 09	12	11	5,5	150	25	9	16	CC.. 09T3..	0,150
S12Q SCLC R/L 09	12	11	5,5	180	25	9	16	CC.. 09T3..	0,150
S16R SCLC R/L 09	16	15	7,5	200	30	11	20	CC.. 09T3..	0,300
S20S SCLC R/L 09	20	18	9,0	250	35	13	24	CC.. 09T3..	0,550
S25T SCLC R/L 09	25	23	11,5	300	40	17	31	CC.. 09T3..	0,550
S20S SCLC R/L 12	20	18	9,0	250	35	13	24	CC.. 1204..	0,550
S25T SCLC R/L 12	25	23	11,5	300	40	17	31	CC.. 1204..	0,700
S32U SCLC R/L 12	32	30	15,0	350	45	22	39	CC.. 1204..	2,050
S40V SCLC R/L 12	40	37	18,5	400	50	27	48	CC.. 1204..	3,750
S50W SCLC R/L 12	50	47	23,5	450	60	35	61	CC.. 1204..	6,500

Reference Bezeichnung					Nm
S08K SCLC R/L 06	1425	5507	-	-	0.9
S10M SCLC R/L 06	1425	5507	-	-	0.9
S12M SCLC R/L 06	1425	5507	-	-	0.9
S12M SCLC R/L 09	1440	5515	-	-	3.0
S12Q SCLC R/L 09	1440	5515	-	-	3.0
S16R SCLC R/L 09	1440	5515	-	-	3.0
S20S SCLC R/L 09	1440	5515	-	-	3.0
S25T SCLC R/L 09	1240	5515	-	-	3.0
S20S SCLC R/L 12	1250	5520	-	-	4.0
S25T SCLC R/L 12	1250	5520	-	-	4.0
S32U SCLC R/L 12	1540	5517	3614	1760	3.0
S40V SCLC R/L 12	1540	5517	3614	1760	3.0
S50W SCLC R/L 12	1540	5517	3614	1760	3.0

CC..

80º rhombic positive inserts with 7º clearance.
80º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A30-31

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



CCGT-AL

CCGT-AP

CCMT

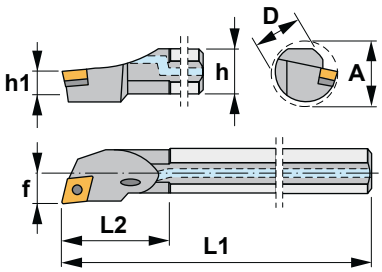
CCMW

Characteristics:

Multipurpose boring bar equipped with rhombic positive insert (angle 80º).

For boring bars with negative inserts see Ref. MCLN-K (Page: A178) or A-PCLN (Page: A189).

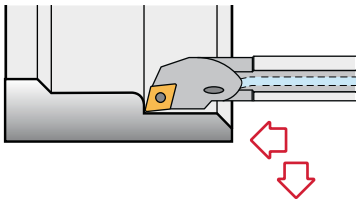
Axial 0º
Radial -6º



Eigenschaften:

Multifunktions-Bohrstange mit rhombischen positiven Wendeschneidplatten (80º Winkel).

Für Bohrstangen mit negativen Wendeschneidplatten siehe MCLN-K (Seite: A178) oder A-PCLN (Seite: A189).



A-SCLC 95°

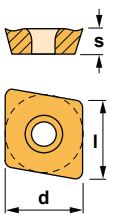
Reference Bezeichnung	D	h	h1	L1	L2	f	A	Insert size Wendeschneidplatte	Kg
A08F SCLC R/L 06	8	7	3,5	80	20	5	11	CC.. 0602..	0,030
A10H SCLC R/L 06	10	9	4,5	100	20	7	13	CC.. 0602..	0,040
A12K SCLC R/L 06	12	11	5,5	125	25	9	16	CC.. 0602..	0,100
A16M SCLC R/L 09	16	15	7,5	150	30	11	20	CC.. 09T3..	0,200
A20Q SCLC R/L 09	20	18	9,0	180	35	13	24	CC.. 09T3..	0,400
A25R SCLC R/L 09	25	23	11,5	200	40	17	31	CC.. 09T3..	0,700
A32S SCLC R/L 12	32	30	15,0	250	45	22	39	CC.. 1204..	1,400
A40T SCLC R/L 12	40	37	18,5	300	50	27	48	CC.. 1204..	2,650

Reference Bezeichnung					Nm
A08F SCLC R/L 06	1425	5507	-	-	0.9
A10H SCLC R/L 06	1425	5507	-	-	0.9
A12K SCLC R/L 06	1425	5507	-	-	0.9
A16M SCLC R/L 09	1440	5515	-	-	3.0
A20Q SCLC R/L 09	1440	5515	-	-	3.0
A25R SCLC R/L 09	1440	5515	-	-	3.0
A32S SCLC R/L 12	1540	5517	3614	1760	3.0
A40T SCLC R/L 12	1540	5517	3614	1760	3.0

CC..

80º rhombic positive inserts with 7º clearance.
80º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A30-31

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



CCGT-AL

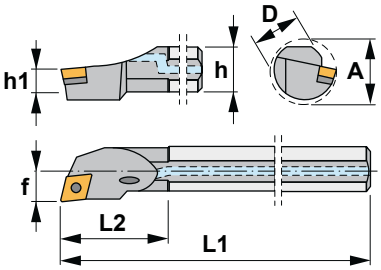
CCGT-AP

CCMT

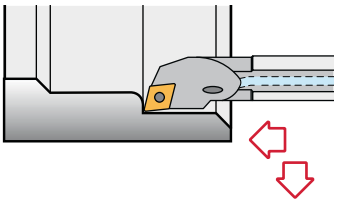
CCMW

Characteristics:
Set of multipurpose boring bars equipped with rhombic positive insert (angle 80º). For boring bars with negative inserts see Ref. A-PCLN (Page: A189).

Axial 0º
Radial -6º



Eigenschaften: Multifunktions-Bohrstangen-Satz mit rhombischen positiven Wendeschneidplatten (80° Winkel). Für Bohrstangen mit negativen Wendeschneidplatten siehe A-PCLN (Seite: A189).



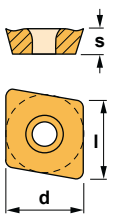
SET SCLC 95°

Reference Bezeichnung	D	d	L1	L2	f	A	h	Insert size Wendeschneidplatte	Kg
A0608H SCLC R/L 06	8	6	100	25	4	10	7	CC.. 0602..	0,400
A0810J SCLC R/L 06	10	8	110	32	6	12	9	CC.. 0602..	
A1012K SCLC R/L 06	12	10	125	38	7	14	11	CC.. 0602..	
A1216M SCLC R/L 06	16	12	150	50	9	18	15	CC.. 0602..	

Reference Bezeichnung			Nm
A0608H SCLC R/L 06	1425	5507	0.9
A0810J SCLC R/L 06	1425	5507	0.9
A1012K SCLC R/L 06	1225	5507	0.9
A1216M SCLC R/L 06	1225	5507	0.9

CC.. 80º rhombic positive inserts with 7º clearance. 80º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A30-31

Reference / Bez.	l	s	d
CC.. 0602..	6,45	2,38	6,35

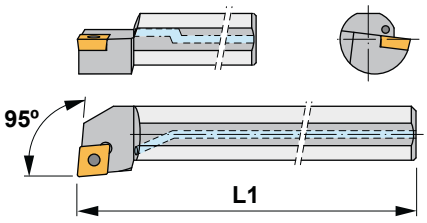


CCGT-AL | CCGT-AP

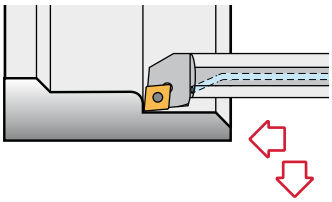

CCMT | CCMW


Characteristics:
Carbide boring bar equipped with rhombic positive insert (angle 80º).
Range starting at Ø4 mm and minimum bore diameter of 5 mm.

Axial 0º
Radial -6º



Eigenschaften:
Hartmetall-Bohrstange mit rhombischen positiven Wendeschneidplatten (80º Winkel).
Das Sortiment fängt ab Ø4 mm an, für eine 5 mm Mindestborung.



E-SCLC 95°

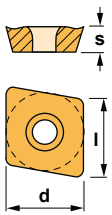
Reference Bezeichnung	L1 Total length (mm) L1 Gesamtlänge (mm)	Ø min. (mm)	Insert size Wendeschneidplatte	Kg
E04G SCLCR 0305	90	5	CC.. 0301..	0,035
E05H SCLCR 0306	100	6	CC.. 0301..	0,040
E06J SCLCR 0307	110	7	CC.. 0301..	0,050
E07K SCLCR 0408	125	8	CC.. 0401..	0,070
E08K SCLCL 06	125	11	CC.. 0602..	0,085
E08K SCLCR 06	125	11	CC.. 0602..	0,085
E10M SCLCL 06	150	14	CC.. 0602..	0,160
E10M SCLCR 06	150	14	CC.. 0602..	0,160
E12Q SCLCL 06	180	17	CC.. 0602..	0,270
E12Q SCLCR 06	180	17	CC.. 0602..	0,270
E16R SCLCL 09	200	21	CC.. 09T3..	0,520
E16R SCLCR 09	200	21	CC.. 09T3..	0,520
E20S SCLCL 09	250	25	CC.. 09T3..	0,990
E20S SCLCR 09	250	25	CC.. 09T3..	0,990

Reference Bezeichnung			Nm
E04G SCLCR 0305	1415	5506	0.6
E05H SCLCR 0306	1415	5506	0.6
E06J SCLCR 0307	1415	5506	0.6
E07K SCLCR 0408	1420	5506	0.6
E08K SCLCL 06	1425	5507	0.9
E08K SCLCR 06	1425	5507	0.9
E10M SCLCL 06	1425	5507	0.9
E10M SCLCR 06	1425	5507	0.9
E12Q SCLCL 06	1425	5507	0.9
E12Q SCLCR 06	1425	5507	0.9
E16R SCLCL 09	1440	5515	3.0
E16R SCLCR 09	1440	5515	3.0
E20S SCLCL 09	1440	5515	3.0
E20S SCLCR 09	1440	5515	3.0

CC..

80º rhombic positive inserts with 7º clearance.
80º rhombische positive WSP mit 7º Freiwinkel. A30-31

Reference / Bez.	l	s	d
CC.. 0301..	3,60	1,39	3,50
CC.. 0401..	4,40	1,79	4,30
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52



CCET | CCGT-AL | CCGT-AP

CCMT | CCMW

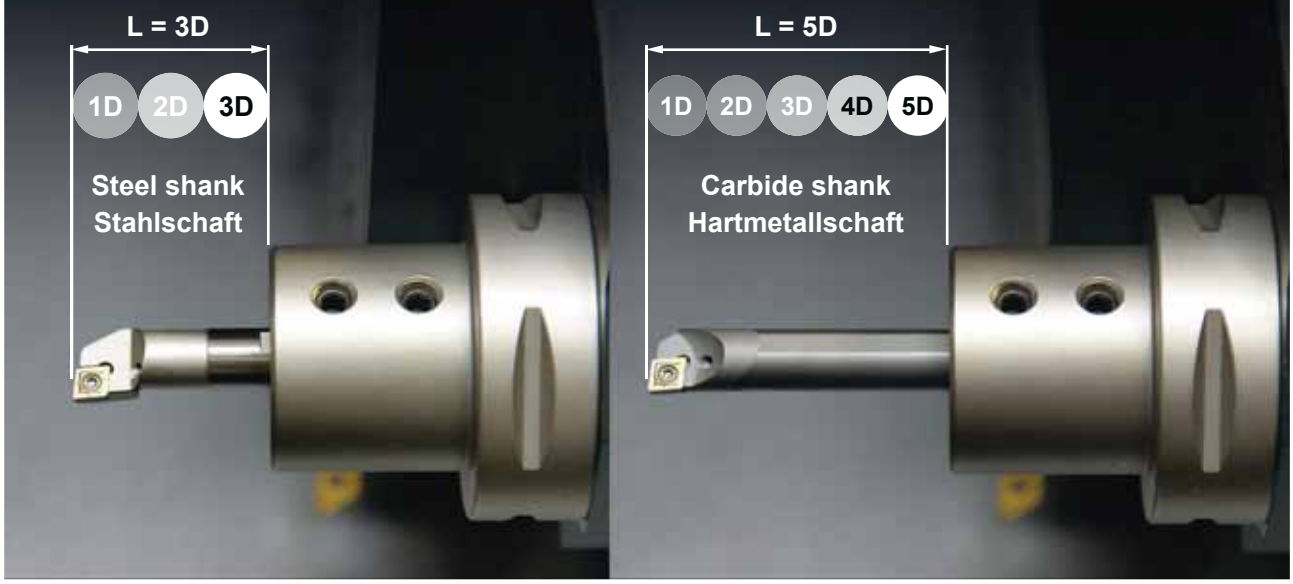
E-SCLC 95°

Features

- Better rigidity than steel bars.
- Excellent cutting performance in a wide range of boring sizes even at vibration cutting condition.
- Longer tool life and excellent surface finish.
- Range starting at Ø 4 mm. and minimum bore diameter of 5 mm.

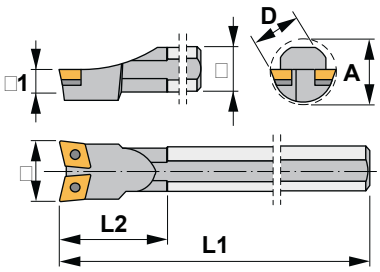
Besonderheiten

- Bessere Festigkeit als die Stahl-Bohrstangen.
- Hervorragende Schnittleistung in einer breiten Palette von Bohrdurchmessern, auch bei schwingenden Schnittbedingungen.
- Längere Standzeiten und ausgezeichnete Oberflächengüte.
- Die Auswahl beginnt mit Ø 4 mm und minimum Bohrdurchmesser 5 mm.

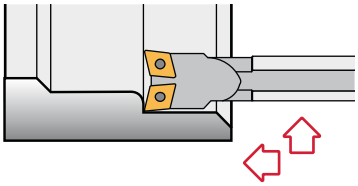


Characteristics:
Multipurpose internal and external boring bar equipped with rhombic positive insert (angle 80º).
For general applications, roughing, semi-finishing and finishing.

Axial 0º
Radial -9º



Eigenschaften:
Multifunktions-Bohrstange zum Innen- und Außendrehen mit rhombischen positiven Wendeschneidplatten (80º Winkel).
Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



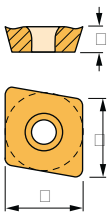
SCLC□ 95°

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
S12M SCLC N 06	12	11	5,5	150	25	18	20	CC.. 0602..	0,150
S16R SCLC N 06	16	15	7,5	200	30	22	25	CC.. 0602..	0,300
S20S SCLC N 06	20	18	9,0	250	35	26	30	CC.. 0602..	0,550
S25T SCLC N 09	25	23	11,5	300	40	34	40	CC.. 09T3..	0,700
S32U SCLC N 12	32	30	15,0	350	45	44	50	CC.. 1204..	2,050
S40V SCLC N 12	40	37	18,5	400	50	54	60	CC.. 1204..	3,750
S50W SCLC N 12	50	47	23,5	450	60	62	68	CC.. 1204..	6,500

Reference Bezeichnung					□□
S12M SCLC N 06	1425	5507	-	-	0.9
S16R SCLC N 06	1225	5507	-	-	0.9
S20S SCLC N 06	1225	5507	-	-	0.9
S25T SCLC N 09	1440	5515	-	-	3.0
S32U SCLC N 12	1540	5517	3614	1760	3.0
S40V SCLC N 12	1540	5517	3614	1760	3.0
S50W SCLC N 12	1540	5517	3614	1760	3.0

CC□□ 80º rhombic positive inserts with 7º clearance. 80º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A30-31

Reference / Bez.	□	□	□
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70



CC□□-AL

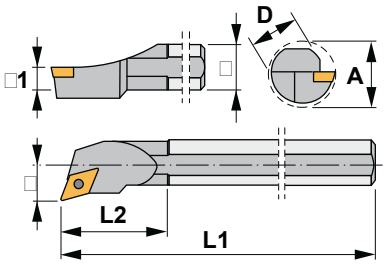
CC□□-A□

CC□□

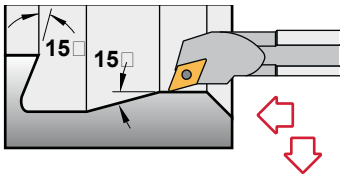
CC□□

Characteristics:
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 55º).
For general applications, roughing, semi-finishing and finishing.

Axial 0º
Radial -6º



Eigenschaften:
Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (55º Winkel).
Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



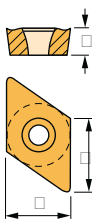
SD□C 1□□°3□□

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
S10M SDQC R/L 07	10	9	4,5	150	22	7	13	DC.. 0702..	0,060
S12M SDQC R/L 07	12	11	5,5	150	25	9	16	DC.. 0702..	0,150
S16R SDQC R/L 07	16	15	7,5	200	30	11	20	DC.. 0702..	0,300
S20S SDQC R/L 07	20	18	9,0	250	35	13	24	DC.. 0702..	0,550
S20S SDQC R/L 11	20	18	9,0	250	35	13	24	DC.. 11T3..	0,550
S25T SDQC R/L 11	25	23	11,5	300	40	17	31	DC.. 11T3..	0,700
S32U SDQC R/L 11	32	30	15,0	350	45	22	39	DC.. 11T3..	2,050
S40V SDQC R/L 11	40	37	18,5	400	50	27	48	DC.. 11T3..	3,750

Reference Bezeichnung					□□
S10M SDQC R/L 07	1425	5507	-	-	0.9
S12M SDQC R/L 07	1225	5507	-	-	0.9
S16R SDQC R/L 07	1225	5507	-	-	0.9
S20S SDQC R/L 07	1225	5507	-	-	0.9
S20S SDQC R/L 11	1240	5515	-	-	3.0
S25T SDQC R/L 11	1240	5515	-	-	3.0
S32U SDQC R/L 11	1335	5516	3714	1750	3.0
S40V SDQC R/L 11	1335	5516	3714	1750	3.0

DC□□ 55º rhombic positive inserts with 7º clearance. A35
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DC□□-AL

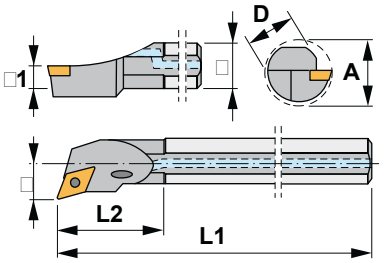
DC□□-A□

DC□□

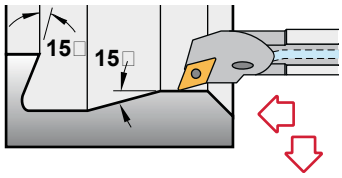
DC□□

Characteristics:
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 55º).
For general applications, roughing, semi-finishing and finishing.

Axial 0º
Radial -6º



Eigenschaften:
Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (55º Winkel).
Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



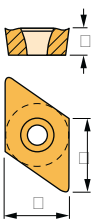
A-SD□C 1□□°3□□

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
A12K SDQC R/L 07	12	11	5,5	125	25	9	16	DC.. 0702..	0,100
A16M SDQC R/L 07	16	15	7,5	150	30	11	20	DC.. 0702..	0,200
A20Q SDQC R/L 11	20	18	9,0	180	35	13	24	DC.. 11T3..	0,400
A25R SDQC R/L 11	25	23	11,5	200	40	17	31	DC.. 11T3..	0,700
A32S SDQC R/L 11	32	30	15,0	250	45	22	39	DC.. 11T3..	1,400
A40T SDQC R/L 11	40	37	18,5	300	50	27	48	DC.. 11T3..	2,650

Reference Bezeichnung					□□
A12K SDQC R/L 07	1225	5507	-	-	0.9
A16M SDQC R/L 07	1225	5507	-	-	0.9
A20Q SDQC R/L 11	1240	5515	-	-	3.0
A25R SDQC R/L 11	1240	5515	-	-	3.0
A32S SDQC R/L 11	1335	5516	3714	1750	3.0
A40T SDQC R/L 11	1335	5516	3714	1750	3.0

DC□□ 55º rhombic positive inserts with 7º clearance. A35
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DC□□-AL

DC□□-A□

DC□□

DC□□

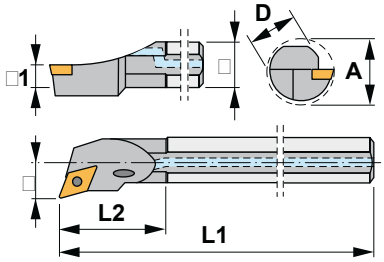
Characteristics:

Set of multipurpose profiling boring bars equipped with rhombic positive insert (angle 55º).

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

Axial 0º

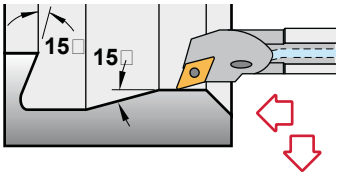
Radial -6º



Eigenschaften:

Multifunktions-Bohrstangen-Satz zum Profildrehen mit rhombischen positiven Wendeschneidplatten (55º Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



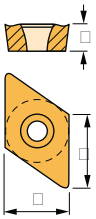
SE□ SD□C 1□□°3□□

Reference Bezeichnung	D	□	L1	L2	□	A	□	Insert size Wendeschneidplatte	Kg
A0810J SDQC R/L 07	10	8	110	32	7	12,5	9	DC.. 0702..	0,350
A1012K SDQC R/L 07	12	10	125	38	9	15,5	11	DC.. 0702..	
A1216M SDQC R/L 07	16	12	150	50	11	19,5	15	DC.. 0702..	

Reference Bezeichnung			□□
A0810J SDQC R/L 07	1225	5507	0.9
A1012K SDQC R/L 07	1225	5507	0.9
A1216M SDQC R/L 07	1225	5507	0.9

DC□□ 55º rhombic positive inserts with 7º clearance. A35
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35



DC□□-AL

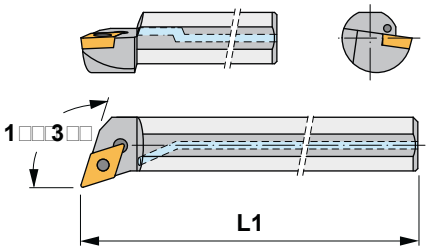
DC□□-A□

DC□□

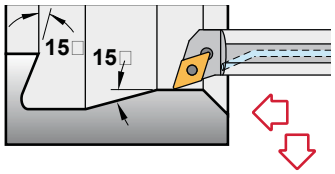
DC□□

Characteristics:
Carbide boring bar equipped with rhombic positive insert (angle 55º).
Range starting at Ø10 mm and minimum bore diameter of 14 mm.

Axial 0º
Radial -6º



Eigenschaften:
Hartmetall-Bohrstange mit rhombischen positiven Wendeschneidplatten (55º Winkel).
Das Sortiment fängt ab Ø10 mm an, für eine 14 mm Mindestbohrung.



E-SD□C 1□□°3□□

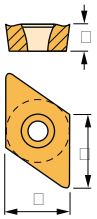
Reference Bezeichnung	L1 Total length (mm) L1 Gesamtlänge (mm)	Ø min. (mm)	Insert size Wendeschneidplatte	Kg
E10M SDQCL 07	150	14	DC.. 0702..	0,165
E10M SDQCR 07	150	14	DC.. 0702..	0,165
E12Q SDQCL 07	180	17	DC.. 0702..	0,270
E12Q SDQCR 07	180	17	DC.. 0702..	0,270
E16R SDQCL 07	200	21	DC.. 0702..	0,520
E16R SDQCR 07	200	21	DC.. 0702..	0,520
E20S SDQCR 07	250	25	DC.. 0702..	0,800
E25T SDQCR 11	300	25	DC.. 11T3..	1,000

Reference Bezeichnung			□□
E10M SDQCL 07	1425	5507	0.9
E10M SDQCR 07	1425	5507	0.9
E12Q SDQCL 07	1225	5507	0.9
E12Q SDQCR 07	1225	5507	0.9
E16R SDQCL 07	1225	5507	0.9
E16R SDQCR 07	1225	5507	0.9
E20S SDQCR 07	1225	5507	0.9
E25T SDQCR 11	1240	5515	3.0

DC□□

55º rhombic positive inserts with 7º clearance.
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A35

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DC□□-AL

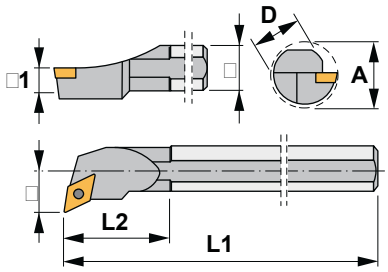
DC□□-A□

DC□□

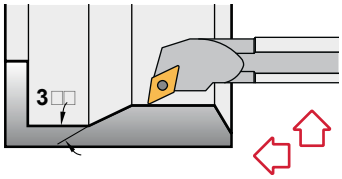
DC□□

Characteristics:
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 55º).
For boring bars with negative inserts see Ref. MDUN-K (Page: A179) or PDUN (Page: A190).

Axial 0º
Radial -6º



Eigenschaften:
Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (55° Winkel). Für Bohrstangen mit negativen Wendeschneidplatten siehe MDUN-K (Seite: A179) oder PDUN (Seite: A190).



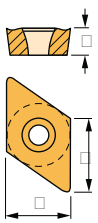
SD□C 93°

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
S10M SDUC R/L 07	10	9	4,5	150	22	7	13	DC.. 0702..	0,060
S12M SDUC R/L 07	12	11	5,5	150	25	9	16	DC.. 0702..	0,150
S12Q SDUC R/L 07	12	11	5,5	180	25	9	16	DC.. 0702..	0,150
S16R SDUC R/L 07	16	15	7,5	200	30	11	20	DC.. 0702..	0,300
S20S SDUC R/L 07	20	18	9,0	250	35	13	24	DC.. 0702..	0,550
S20S SDUC R/L 11	20	18	9,0	250	35	13	24	DC.. 11T3..	0,550
S25T SDUC R/L 11	25	23	11,5	300	40	17	31	DC.. 11T3..	0,700
S32U SDUC R/L 11	32	30	15,0	350	45	22	39	DC.. 11T3..	2,050
S40V SDUC R/L 11	40	37	18,5	400	50	27	48	DC.. 11T3..	3,750

Reference Bezeichnung					□□
S10M SDUC R/L 07	1425	5507	-	-	0.9
S12M SDUC R/L 07	1225	5507	-	-	0.9
S12Q SDUC R/L 07	1225	5507	-	-	0.9
S16R SDUC R/L 07	1225	5507	-	-	0.9
S20S SDUC R/L 07	1225	5507	-	-	0.9
S20S SDUC R/L 11	1240	5515	-	-	3.0
S25T SDUC R/L 11	1240	5515	-	-	3.0
S32U SDUC R/L 11	1335	5516	3714	1750	3.0
S40V SDUC R/L 11	1335	5516	3714	1750	3.0

DC□□ 55º rhombic positive inserts with 7º clearance. 55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A35

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DC□□-AL

DC□□-A□

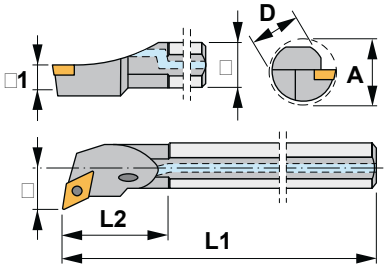
DC□□

DC□□

Characteristics:

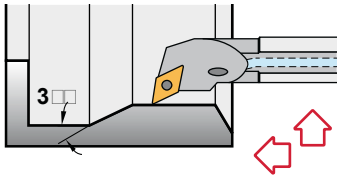
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 55º).
For boring bars with negative inserts see Ref. MDUN-K (Page: A179) or A-PDUN (Page: A191).

Axial 0º
Radial -6º



Eigenschaften:

Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (55° Winkel). Für Bohrstangen mit negativen Wendeschneiplatten siehe MDUN-K (Seite: A179) oder A-PDUN (Seite: A191).



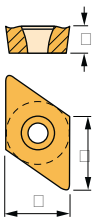
A-SD□C 93°

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
A12K SDUC R/L 07	12	11	5,5	125	25	9	16	DC.. 0702..	0,100
A16M SDUC R/L 07	16	15	7,5	150	30	11	20	DC.. 0702..	0,200
A20Q SDUC R/L 11	20	18	9,0	180	35	13	24	DC.. 11T3..	0,400
A25R SDUC R/L 11	25	23	11,5	200	40	17	31	DC.. 11T3..	0,700
A32S SDUC R/L 11	32	30	15,0	250	45	22	39	DC.. 11T3..	1,400
A40T SDUC R/L 11	40	37	18,5	300	50	27	48	DC.. 11T3..	2,650

Reference Bezeichnung					□□
A12K SDUC R/L 07	1225	5507	-	-	0.9
A16M SDUC R/L 07	1225	5507	-	-	0.9
A20Q SDUC R/L 11	1440	5515	-	-	3.0
A25R SDUC R/L 11	1240	5515	-	-	3.0
A32S SDUC R/L 11	1335	5516	3714	1750	3.0
A40T SDUC R/L 11	1335	5516	3714	1750	3.0

DC□□ 55º rhombic positive inserts with 7º clearance.
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel. A35

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DC□□-AL

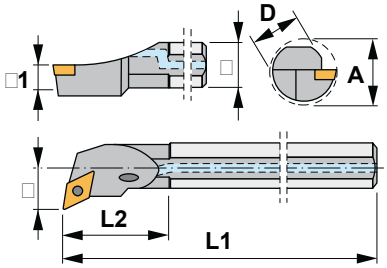
DC□□-A□

DC□□

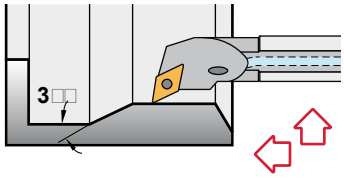
DC□□

Characteristics:
Set of multipurpose profiling boring bars equipped with rhombic positive insert (angle 55º).
For boring bars with negative inserts see Ref. A-PDUN (Page: A191).

Axial 0º
Radial -6º



Eigenschaften:
Multifunktions-Bohrstangen-Satz zum Profildrehen mit rhombischen positiven Wendeschneidplatten (55º Winkel).
Für Bohrstangen mit negativen Wendeschneidplatten siehe A-PDUN (Seite: A191).



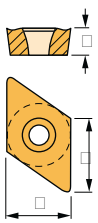
SE□ SD□C 93°

Reference Bezeichnung	D	□	L1	L2	□	A	□	Insert size Wendeschneidplatte	Kg
A0810J SDUC R/L 07	10	8	110	32	7	12,5	9	DC.. 0702..	0,350
A1012K SDUC R/L 07	12	10	125	38	9	15,5	11	DC.. 0702..	
A1216M SDUC R/L 07	16	12	150	50	11	19,5	15	DC.. 0702..	

Reference Bezeichnung			□□
A0810J SDUC R/L 07	1225	5507	0.9
A1012K SDUC R/L 07	1225	5507	0.9
A1216M SDUC R/L 07	1225	5507	0.9

DC□□ 55º rhombic positive inserts with 7º clearance. A35
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35



DC□□-AL

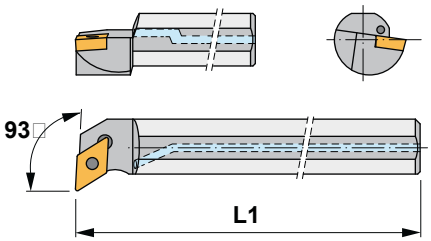
DC□□-A□

DC□□

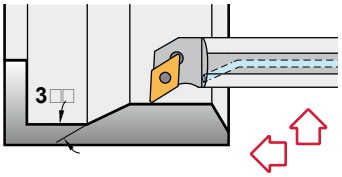
DC□□

Characteristics:
Carbide boring bar equipped with rhombic positive insert (angle 55º).
Range starting at Ø10 mm and minimum bore diameter of 14 mm.

Axial 0º
Radial -6º



Eigenschaften:
Hartmetall-Bohrstange mit rhombischen positiven Wendeschneidplatten (55º Winkel).
Das Sortiment fängt ab Ø10 mm an, für eine 14 mm Mindestbohrung.



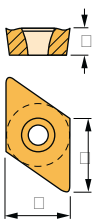
E-SD□C 93°

Reference Bezeichnung	L1 Total length (mm) L1 Gesamtlänge (mm)	Ø min. (mm)	Insert size Wendeschneidplatte	Kg
E10M SDUCL 07	150	14	DC.. 0702..	0,165
E10M SDUCR 07	150	14	DC.. 0702..	0,165
E12Q SDUCL 07	180	17	DC.. 0702..	0,265
E12Q SDUCR 07	180	17	DC.. 0702..	0,265
E16R SDUCL 07	200	21	DC.. 0702..	0,525
E16R SDUCR 07	200	21	DC.. 0702..	0,525
E20S SDUCL 11	250	25	DC.. 11T3..	1,000
E20S SDUCR 11	250	25	DC.. 11T3..	1,000
E25T SDUCR 11	300	32	DC.. 11T3..	1,250

Reference Bezeichnung			□□
E10M SDUCL 07	1425	5507	0.9
E10M SDUCR 07	1425	5507	0.9
E12Q SDUCL 07	1225	5507	0.9
E12Q SDUCR 07	1225	5507	0.9
E16R SDUCL 07	1225	5507	0.9
E16R SDUCR 07	1225	5507	0.9
E20S SDUCL 11	1240	5515	3.0
E20S SDUCR 11	1240	5515	3.0
E25T SDUCR 11	1240	5515	3.0

DC□□ 55º rhombic positive inserts with 7º clearance. A35
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DC□□-AL

DC□□-A□

DC□□

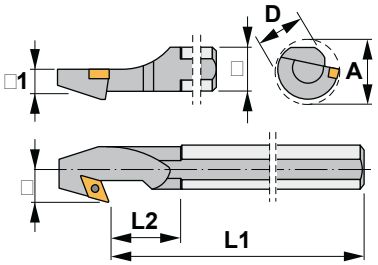
DC□□

Characteristics:

Backwards multipurpose profiling boring bar equipped with rhombic positive insert (angle 55º).

For boring bars with negative inserts see Ref. PDUN-EX (Page: A192).

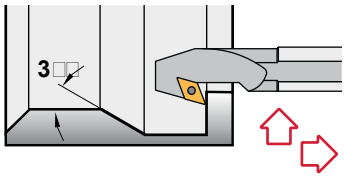
Axial 0º
Radial -6º



Eigenschaften:

Rückwärts-Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (55º Winkel).

Für Bohrstangen mit negativen Wendeschneidplatten siehe PDUN-EX (Seite: A192).



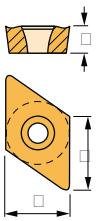
SD□C 93°-E□

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
S12M SDUC R/L 07-EX	12	11	5,5	150	25	9	16	DC.. 0702..	0,150
S16R SDUC R/L 07-EX	16	15	7,5	200	30	11	20	DC.. 0702..	0,300
S20S SDUC R/L 07-EX	20	18	9,0	250	35	13	24	DC.. 0702..	0,550
S20S SDUC R/L 11-EX	20	18	9,0	250	35	13	24	DC.. 11T3..	0,550
S25T SDUC R/L 11-EX	25	23	11,5	300	40	17	31	DC.. 11T3..	0,700
S32U SDUC R/L 11-EX	32	30	15,0	350	50	22	39	DC.. 11T3..	2,050
S40V SDUC R/L 11-EX	40	37	18,5	400	60	27	48	DC.. 11T3..	3,750

Reference Bezeichnung					□□
S12M SDUC R/L 07-EX	1225	5507	-	-	0.9
S16R SDUC R/L 07-EX	1225	5507	-	-	0.9
S20S SDUC R/L 07-EX	1225	5507	-	-	0.9
S20S SDUC R/L 11-EX	1240	5515	-	-	3.0
S25T SDUC R/L 11-EX	1240	5515	-	-	3.0
S32U SDUC R/L 11-EX	1335	5516	3714	1750	3.0
S40V SDUC R/L 11-EX	1335	5516	3714	1750	3.0

DC□□ 55º rhombic positive inserts with 7º clearance. A35
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DC□□-AL

DC□□-A□

DC□□

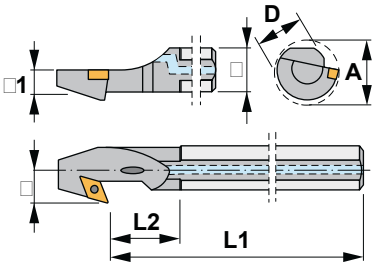
DC□□

Characteristics:

Backwards multipurpose profiling boring bar equipped with rhombic positive insert (angle 55º).

For boring bars with negative inserts see Ref. PDUN-EX (Page: A192).

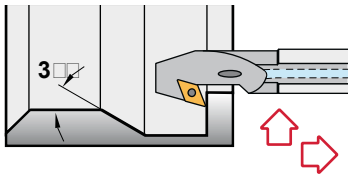
Axial 0º
Radial -6º



Eigenschaften:

Rückwärts-Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (55º Winkel).

Für Bohrstangen mit negativen Wendeschneidplatten siehe PDUN-EX (Seite: A192).



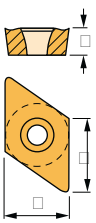
A-SD□C 93°-E□

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
A12K SDUC R/L 07-EX	12	11	5,5	125	25	9	16	DC.. 0702..	0,100
A16M SDUC R/L 07-EX	16	15	7,5	150	30	11	20	DC.. 0702..	0,200
A20Q SDUC R/L 11-EX	20	18	9,0	180	35	13	24	DC.. 11T3..	0,400
A25R SDUC R/L 11-EX	25	23	11,5	200	40	17	31	DC.. 11T3..	0,700

Reference Bezeichnung			□□
A12K SDUC R/L 07-EX	1225	5507	0.9
A16M SDUC R/L 07-EX	1225	5507	0.9
A20Q SDUC R7L 11-EX	1240	5515	3.0
A25R SDUC R/L 11-EX	1240	5515	3.0

DC□□ 55º rhombic positive inserts with 7º clearance. A35
55º rhombische positive Wendeschneidplatten mit 7º Freiwinkel.

Reference / Bez.	□	□	□
DC.. 0702..	7,75	2,38	6,35
DC.. 11T3..	11,60	3,97	9,52



DC□□-AL

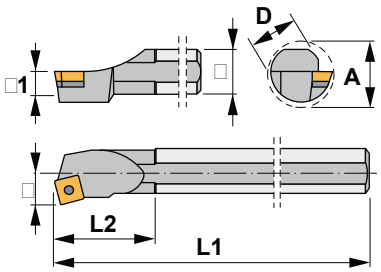
DC□□-A□

DC□□

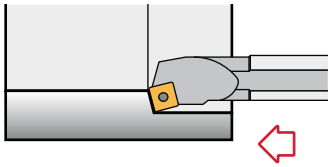
DC□□

Characteristics:
Multipurpose boring bar equipped with square positive insert.
For boring bars with negative inserts see Ref. MSKN-K (Page: A180) or PSKN (Page: A193).

Axial 0º
Radial -8º



Eigenschaften:
Multifunktions-Bohrstange mit vierkantigen positiven Wendeschneidplatten.
Für Bohrstangen mit negativen Wendeschneidplatten siehe MSKN-K (Seite: A180) oder PSKN (Seite: A193).



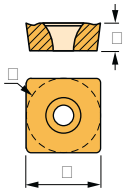
SS□C □5°

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
S16R SSKC R/L 09	16	15	7,5	200	30	11	20	SC.. 09T3..	0,300
S20S SSKC R/L 09	20	18	9,0	250	35	13	24	SC.. 09T3..	0,550
S25T SSKC R/L 09	25	23	11,5	300	40	17	31	SC.. 09T3..	0,700
S32U SSKC R/L 12	32	30	15,0	350	45	22	39	SC.. 1204..	2,050
S40V SSKC R/L 12	40	37	18,5	400	50	27	48	SC.. 1204..	3,750
S50W SSKC R/L 12	50	47	23,5	450	60	35	61	SC.. 1204..	6,500

Reference Bezeichnung					□□
S16R SSKC R/L 09	1440	5515	-	-	3.0
S20S SSKC R/L 09	1240	5515	-	-	3.0
S25T SSKC R/L 09	1240	5515	-	-	3.0
S32U SSKC R/L 12	1540	5517	3514	1760	3.0
S40V SSKC R/L 12	1540	5517	3514	1760	3.0
S50W SSKC R/L 12	1540	5517	3514	1760	3.0

SC□□ Square positive inserts with 7º clearance. Vierkantige positive Wendeschneidplatten mit 7º Freiwinkel. A40

Reference / Bez.	□	□	□
SC.. 09T3..	9,52	3,97	9,52
SC.. 1204..	12,70	4,76	12,70



SC□□-AL

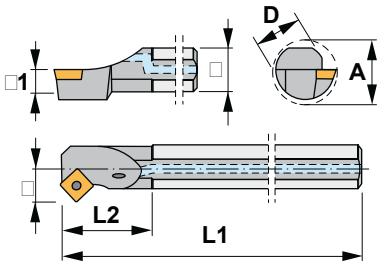
SC□□

SC□□-39

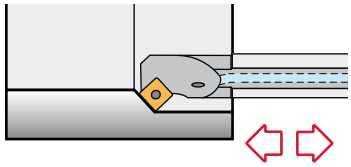
SC□□

Characteristics:
Multipurpose boring bar equipped with square positive insert.
For boring bars with negative inserts see Ref. A-PSSN (Page: A195).

Axial 0º
Radial -8º



Eigenschaften:
Multifunktions-Bohrstange mit vierkantigen positiven Wendeschneidplatten.
Für Bohrstangen mit negativen Wendeschneidplatten siehe A-PSSN (Seite: A195).



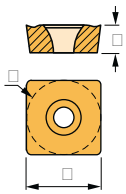
A-SSSC 45°

Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
A16M SSSC R/L 09	16	15	7,5	150	30	11	20	SC.. 09T3..	0,300
A20Q SSSC R/L 09	20	18	9,0	180	35	13	24	SC.. 09T3..	0,550
A25R SSSC R/L 09	25	23	11,5	200	40	17	31	SC.. 09T3..	0,700

Reference Bezeichnung			□□
A16M SSSC R/L 09	1440	5515	3.0
A20Q SSSC R/L 09	1440	5515	3.0
A25R SSSC R/L 09	1240	5515	3.0

SC□□ Square positive inserts with 7º clearance. Vierkantige positive Wendeschneidplatten mit 7º Freiwinkel. A40

Reference / Bez.	□	□	□
SC.. 09T3..	9,52	3,97	9,52



SC□□-AL

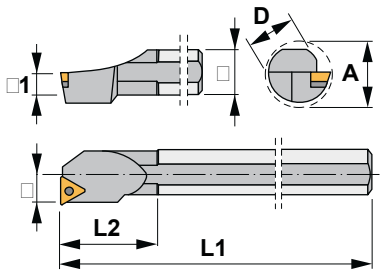
SC□□

SC□□-39

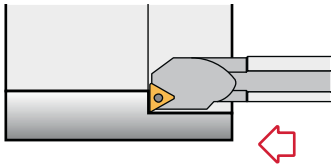
SC□□

Characteristics:
Multipurpose boring bar equipped with triangular positive insert.
For boring bars with negative inserts see Ref. MTFN (Page: A181), MTFN-K (Page: A182) or PTFN (Page: A196).

Axial 0º
Radial -6º



Eigenschaften:
Multifunktions-Bohrstange mit dreikantigen positiven Wendeschneidplatten.
Für Bohrstangen mit negativen Wendeschneidplatten siehe MTFN (Seite: A181), MTFN-K (Seite: A182) oder PTFN (Seite: A196).



S□□C 9□°

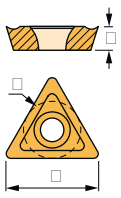
Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
S10M STFC R/L 09	10	9	4,5	150	22	7	13	TC.. 0902..	0,060
S12M STFC R/L 09	12	11	5,5	150	25	9	16	TC.. 0902..	0,150
S12M STFC R/L 11	12	11	5,5	150	25	9	16	TC.. 1102..	0,150
S12Q STFC R/L 11	12	11	5,5	180	25	9	16	TC.. 1102..	0,050
S16R STFC R/L 11	16	15	7,5	200	30	11	20	TC.. 1102..	0,300
S20S STFC R/L 11	20	18	9,0	250	35	13	24	TC.. 1102..	0,550
S20S STFC R/L 16	20	18	9,0	250	35	13	24	TC.. 16T3..	0,550
S25T STFC R/L 16	25	23	11,5	300	40	17	31	TC.. 16T3..	0,700
S32U STFC R/L 16	32	30	15,0	350	45	22	39	TC.. 16T3..	2,050
S40V STFC R/L 16	40	37	18,5	400	50	27	48	TC.. 16T3..	3,750

Reference Bezeichnung					□□
S10M STFC R/L 09	1222	5506	-	-	0.6
S12M STFC R/L 09	1222	5506	-	-	0.6
S12M STFC R/L 11	1225	5507	-	-	0.9
S12Q STFC R/L 11	1225	5507	-	-	0.9
S16R STFC R/L 11	1225	5507	-	-	0.9
S20S STFC R/L 11	1225	5507	-	-	0.9
S20S STFC R/L 16	1240	5515	-	-	3.0
S25T STFC R/L 16	1240	5515	-	-	3.0
S32U STFC R/L 16	1335	5516	3414	1750	3.0
S40V STFC R/L 16	1335	5516	3414	1750	3.0

□C□□

Triangular positive inserts with 7º clearance.
Dreikantige positive Wendeschneidplatten mit 7º Freiwinkel. A44

Reference / Bez.	□	□	□
TC.. 0902..	9,62	2,38	5,55
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52



□C□□-AL

□C□□

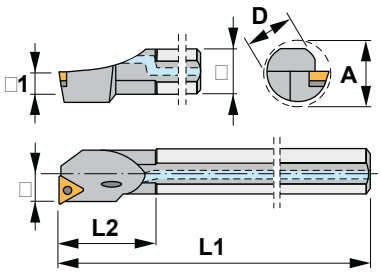
□C□□

Characteristics:

Multipurpose boring bar equipped with triangular positive insert.

For boring bars with negative inserts see Ref. MTFN (Page: A181), MTFN-K (Page: A182) or A-PTFN (Page: A197).

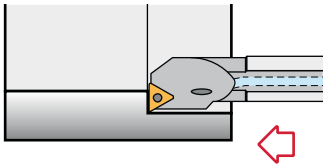
Axial 0º
Radial -6º



Eigenschaften:

Multifunktions-Bohrstange mit dreikantigen positiven Wendeschneidplatten.

Für Bohrstangen mit negativen Wendeschneidplatten siehe MTFN (Seite: A181), MTFN-K (Seite: A182) oder A-PTFN (Seite: A197).



A-S□□C 9□°

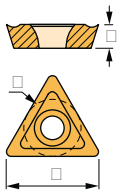
Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
A10H STFC R/L 09	10	9	4,5	100	20	7	13	TC.. 0902..	0,040
A12K STFC R/L 11	12	11	5,5	125	25	9	16	TC.. 1102..	0,100
A16M STFC R/L 11	16	15	7,5	150	30	11	20	TC.. 1102..	0,200
A20Q STFC R/L 11	20	18	9,0	180	35	13	24	TC.. 1102..	0,400
A25R STFC R/L 16	25	23	11,5	200	40	17	31	TC.. 16T3..	0,700
A32S STFC R/L 16	32	30	15,0	250	45	22	39	TC.. 16T3..	1,400
A40T STFC R/L 16	40	37	18,5	300	50	27	48	TC.. 16T3..	2,650

Reference Bezeichnung					□□
A10H STFC R/L 09	1222	5506	-	-	0.6
A12K STFC R/L 11	1225	5507	-	-	0.9
A16M STFC R/L 11	1225	5507	-	-	0.9
A20Q STFC R/L 11	1225	5507	-	-	0.9
A25R STFC R/L 16	1240	5515	-	-	3.0
A32S STFC R/L 16	1335	5516	3414	1750	3.0
A40T STFC R/L 16	1335	5516	3414	1750	3.0

□C□□

Triangular positive inserts with 7º clearance.
Dreikantige positive Wendeschneidplatten mit 7º Freiwinkel. A44

Reference / Bez.	□	□	□
TC.. 0902..	9,62	2,38	5,55
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52



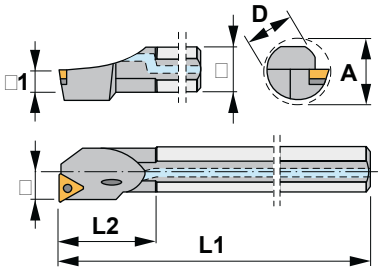
□C□□-AL

□C□□

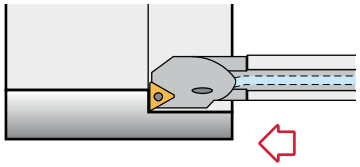
□C□□

Characteristics:
Set of multipurpose boring bars equipped with triangular positive insert.
For boring bars with negative inserts see Ref. A-PTFN (Page: A197).

Axial 0º
Radial -6º



Eigenschaften:
Multifunktions-Bohrstangen-Satz mit dreikantigen positiven Wendeschneidplatten. Für Bohrstangen mit negativen Wendeschneidplatten siehe A-PTFN (Seite: A197).



SE□ S□□C 9□°

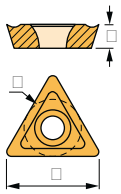
Reference Bezeichnung	D	□	L1	L2	□	A	□	Insert size Wendeschneidplatte	Kg
A0810J STFC R/L 11	10	8	110	32	7	12,5	9	TC.. 1102..	0,350
A1012K STFC R/L 11	12	10	125	38	9	15,5	11	TC.. 1102..	
A1216M STFC R/L 11	16	12	150	50	11	19,5	15	TC.. 1102..	

Reference Bezeichnung			□□
A0810J STFC R/L 11	1425	5507	0.9
A1012K STFC R/L 11	1225	5507	0.9
A1216M STFC R/L 11	1225	5507	0.9

□C□□

Triangular positive inserts with 7º clearance.
Dreikantige positive Wendeschneidplatten mit 7º Freiwinkel. A44

Reference / Bez.	□	□	□
TC.. 1102..	11,00	2,38	6,35



□C□□-AL

□C□□

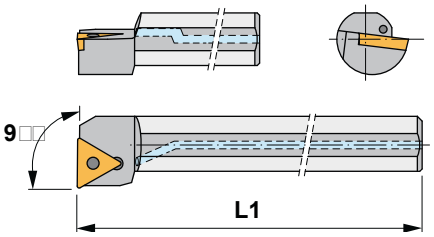
□C□□

Characteristics:

Carbide boring bar equipped with triangular positive insert.

Range starting at Ø12 mm and minimum bore diameter of 17 mm.

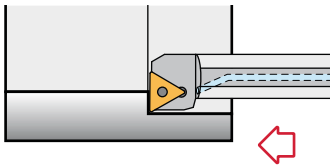
Axial 0º
Radial -6º



Eigenschaften:

Hartmetall-Bohrstange mit dreikantigen positiven Wendeschneidplatten.

Das Sortiment fängt ab Ø12 mm an, für eine 17 mm Mindestbohrung.



E-S□□C 9□°

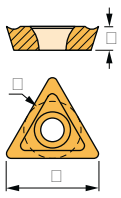
Reference Bezeichnung	L1 Total length (mm) L1 Gesamtlänge (mm)	Ø min. (mm)	Insert size Wendeschneidplatte	Kg
E12Q STFCL 11	180	17	TC.. 1102..	0,270
E12Q STFCR 11	180	17	TC.. 1102..	0,270
E16R STFCL 11	200	21	TC.. 1102..	0,510
E16R STFCR 11	200	21	TC.. 1102..	0,510
E20S STFCL 11	250	25	TC.. 1102..	1,000
E20S STFCR 11	250	25	TC.. 1102..	1,000

Reference Bezeichnung			□□
E12Q STFCL 11	1225	5507	0.9
E12Q STFCR 11	1225	5507	0.9
E16R STFCL 11	1225	5507	0.9
E16R STFCR 11	1225	5507	0.9
E20S STFCL 11	1225	5507	0.9
E20S STFCR 11	1225	5507	0.9

□C□□

Triangular positive inserts with 7º clearance.
Dreikantige positive Wendeschneidplatten mit 7º Freiwinkel. A44

Reference / Bez.	□	□	□
TC.. 1102..	11,00	2,38	6,35



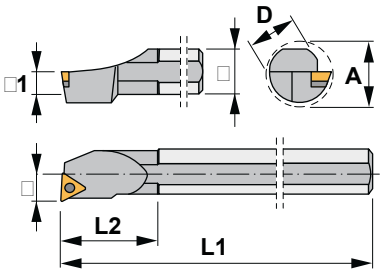
□C□□-AL

□C□□

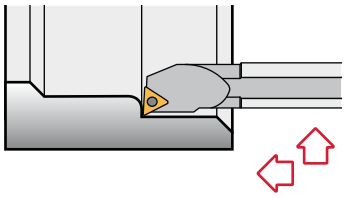
□C□□

Characteristics:
Multipurpose boring bar equipped with triangular positive insert.
For boring bars with negative inserts see Ref. MTUN (Page: A183).

Axial 0º
Radial -4º



Eigenschaften:
Multifunktions-Bohrstange mit dreikantigen positiven Wendeschneidplatten.
Für Bohrstangen mit negativen Wendeschneidplatten siehe MTUN (Seite: A183).



S□□C 93°

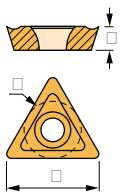
Reference Bezeichnung	D	□	□1	L1	L2	□	A	Insert size Wendeschneidplatte	Kg
S12M STUC R/L 11	12	11	5,5	150	25	9	16	TC.. 1102..	0,150
S16R STUC R/L 16	16	15	7,5	200	30	11	20	TC.. 16T3..	0,300
S20S STUC R/L 16	20	18	9,0	250	35	13	24	TC.. 16T3..	0,550
S25T STUC R/L 16	25	23	11,5	300	40	17	31	TC.. 16T3..	0,700
S32U STUC R/L 16	32	30	15,0	350	45	22	39	TC.. 16T3..	2,050

Reference Bezeichnung					□□
S12M STUC R/L 11	1225	5507	-	-	0.9
S16R STUC R/L 16	1240	5515	-	-	3.0
S20S STUC R/L 16	1240	5515	-	-	3.0
S25T STUC R/L 16	1240	5515	-	-	3.0
S32U STUC R/L 16	1335	5516	3414	1750	3.0

□C□□

Triangular positive inserts with 7º clearance.
Dreikantige positive Wendeschneidplatten mit 7º Freiwinkel. A44

Reference / Bez.	□	□	□
TC.. 1102..	11,00	2,38	6,35
TC.. 16T3..	16,50	3,97	9,52



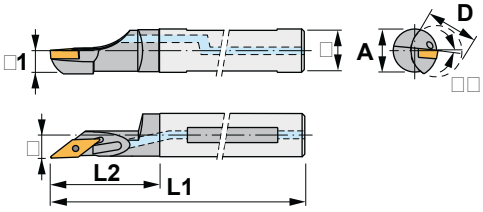
□C□□-AL

□C□□

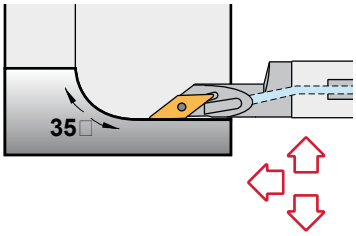
□C□□

Characteristics:
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 35º). For general applications, roughing, semi-finishing and finishing.

Axial 0º
Radial -6º



Eigenschaften:
Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (35º Winkel).
Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



A-S□□C 93°

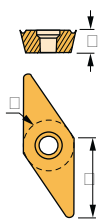
Reference Bezeichnung	D	□	□1	L1	L2	□	A	□□	Insert size Wendeschneidplatte	Kg
A16M SVJC R/L 11	16	15	7,5	150	30	2	22	22	VC.. 1103..	0,190
A20Q SVJC R/L 11	20	18	9,0	180	35	2	25	25	VC.. 1103..	0,350
A25R SVJC R/L 16	25	23	11,5	200	40	2	28	28	VC.. 1604..	0,590

Reference Bezeichnung			□□
A16M SVJC R/L 11	1225	5507	0.9
A20Q SVJC R/L 11	1225	5507	0.9
A25R SVJC R/L 16	1240	5515	3.0

□C□□

35º rhombic positive inserts with 7º clearance.
Rhombische positive WSP (35º Winkel) mit Freiwinkel 7º. A48

Reference / Bez.	□	□	□
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52



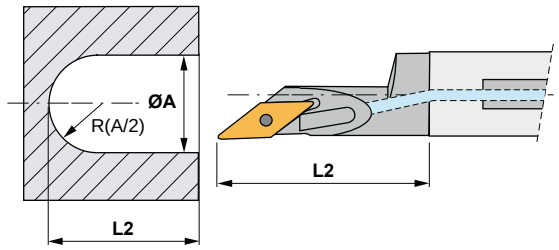
□C□□-AL

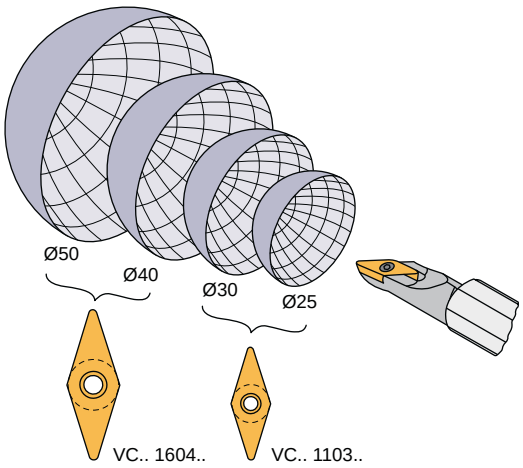
□C□□-A□

□C□□

Application of A-SVJC 93º
Anwendung von A-SVJC 93º

Application range / Anwendungsbereich



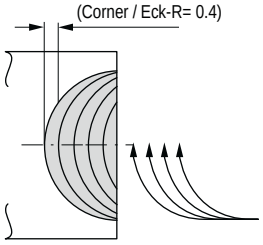


Machining method / Bearbeitungsmethode

Case with no existing hole / Ohne vorgebohrte Bohrung

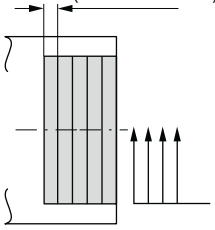
Spherical machining
Kugelförmige Bearbeitung

ap=0.5 mm
(Corner / Eck-R= 0.4)



Internal facing
Innen-Plandrehen

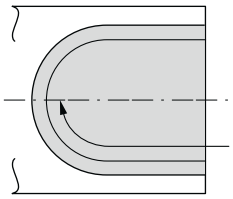
ap=0.5 mm
(Corner / Eck-R= 0.4)



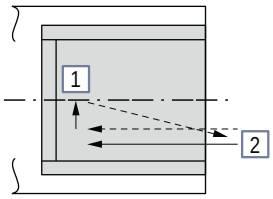
*Note: Feed rate shall be under 0.05 mm/rev at internal facing.
*Bemerkung: Vorschub muß bei Innen-Plandrehen unter 0.05 mm/U sein.

Finishing / Schlichten

Spherical machining
Kugelförmige Bearbeitung



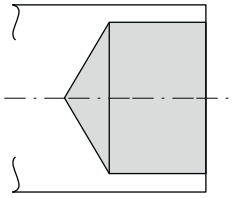
Internal facing
Innen-Plandrehen



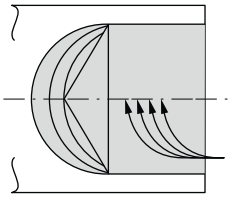
*Machining process / *Bearbeitungsvorgang
1 Finish the internal face first / Zuerst Bohrungsgrund schlichten.
2 Next, finish the internal diameter / Anschließend Bohrungsdurchmesser schlichten.

Case with drilled hole / Mit vorgebohrte Bohrung

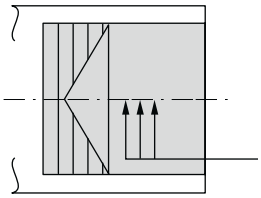
Drilled hole / Vorgebohrte Bohrung



Spherical machining / Kugelförmige Bearbeitung

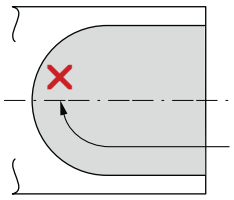


Internal facing / Innen-Plandrehen

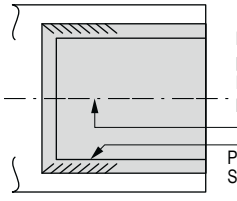


*Note: Feed rate shall be under 0.05 mm/rev at internal facing.
*Bemerkung: Vorschub muß bei Innen-Plandrehen unter 0.05 mm/U sein.

Caution / Vorsicht

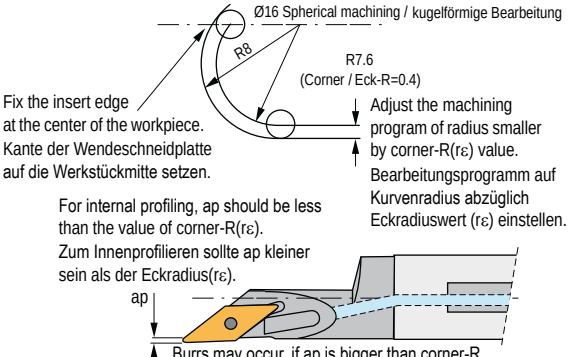


When machining past the center of the workpiece, insert breakage may occur.
Bei Bearbeitung über die Mitte des Werkstücks hinaus kann die Wendeschneidplatte brechen.



Machining of this kind is possible, but the oblique part may be scratched by chips.
Eine solche Bearbeitung ist zwar möglich, jedoch kann Spanschlag die Oberfläche aufrauen.

Poor finish
Schlechte Oberfläche

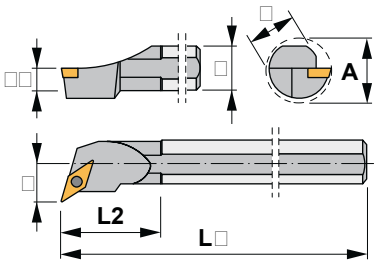


Characteristics:

Multipurpose profiling boring bar equipped with rhombic positive insert (angle 35º).

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

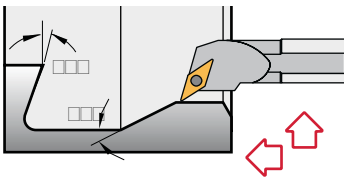
Axial 0º
Radial -6º



Eigenschaften:

Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (35º Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



□□□ □ □□□□□□□□

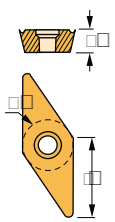
Reference Bezeichnung	□	□	□□	L□	L2	□	A	Insert size Wendeschneidplatte	Kg
S16R SVQC R/L 11	16	15	7,5	200	30	11	20	VC.. 1103..	0,300
S20S SVQC R/L 11	20	18	9,0	250	35	13	24	VC.. 1103..	0,550
S16R SVQC R/L 13	16	15	7,5	200	30	13	22	VC.. 1303..	0,300
S20S SVQC R/L 13	20	18	9,0	250	35	13	24	VC.. 1303..	0,550
S25T SVQC R/L 16	25	23	11,5	300	40	17	31	VC.. 1604..	0,700

Reference Bezeichnung					□□
S16R SVQC R/L 11	1225	5507	-	-	0.9
S20S SVQC R/L 11	1225	5507	-	-	0.9
S16R SVQC R/L 13	1230	5508	-	-	1.2
S20S SVQC R/L 13	1230	5508	-	-	1.2
S25T SVQC R/L 16	1335	5516	3718	1750	3.0

□□□

35º rhombic positive inserts with 7º clearance.
Rhombische positive WSP (35º Winkel) mit Freiwinkel 7º. A48

Reference / Bez.	□	□	□
VC.. 1103..	11,00	3,18	6,35
VC.. 1303..	13,00	3,18	7,94
VC.. 1604..	16,50	4,76	9,52



□□□□AL

□□□□A□

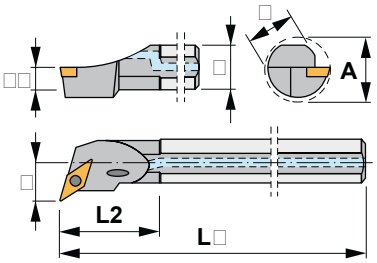
□□□□

Characteristics:

Multipurpose profiling boring bar equipped with rhombic positive insert (angle 35º).

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

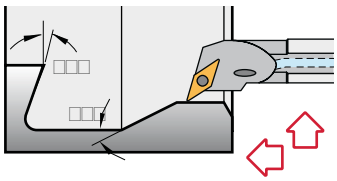
Axial 0º
Radial -6º



Eigenschaften:

Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (35º Winkel).

Für allgemeine Anwendungen, Schruppen, Vorschlichten und Schlichten.



A□□□□□□□□□□□

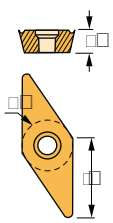
Reference Bezeichnung	□	□	□□	L□	L2	□	A	Insert size Wendeschneidplatte	Kg
A16M SVQC R/L 11	16	15	7,5	150	30	11	20	VC.. 1103..	0,200
A20Q SVQC R/L 11	20	18	9,0	180	35	13	24	VC.. 1103..	0,400
A25R SVQC R/L 16	25	23	11,5	200	40	17	31	VC.. 1604..	0,700
A32S SVQC R/L 16	32	30	15,0	250	45	22	39	VC.. 1604..	1,400
A40T SVQC R/L 16	40	37	18,5	300	50	27	48	VC.. 1604..	2,650

Reference Bezeichnung					□□
A16M SVQC R/L 11	1225	5507	-	-	0.9
A20Q SVQC R/L 11	1225	5507	-	-	0.9
A25R SVQC R/L 16	1335	5516	3718	1750	3.0
A32S SVQC R/L 16	1335	5516	3718	1750	3.0
A40T SVQC R/L 16	1335	5516	3718	1750	3.0

□□□

35º rhombic positive inserts with 7º clearance.
Rhombische positive WSP (35º Winkel) mit Freiwinkel 7º. A48

Reference / Bez.	□	□	□
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52



□□□□AL

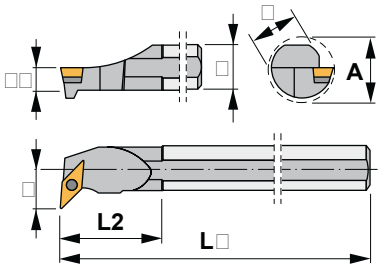
□□□□A□

□□□□

Characteristics:

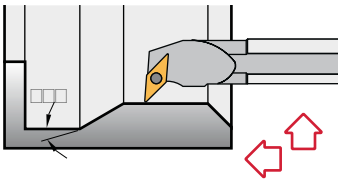
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 35º).
For boring bars with negative inserts see Ref. MVUN-K (Page: A184).

Axial 0º
Radial -5º



Eigenschaften:

Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (35° Winkel) . Für Bohrstangen mit negativen Wendeschneidplatten siehe MVUN-K (Seite: A184).



□□□□□□□

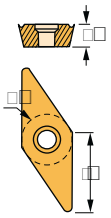
Reference Bezeichnung	□	□	□□	L□	L2	□	A	Insert size Wendeschneidplatte	Kg
S25T SVUB R/L 16	25	23	11,5	300	40	17	31	VBMT 1604..	0,700
S32U SVUB R/L 16	32	30	15,0	350	45	22	39	VBMT 1604..	2,050
S40V SVUB R/L 16	40	37	18,5	400	50	27	48	VBMT 1604..	3,750

Reference Bezeichnung					□□
S25T SVUB R/L 16	1335	5516	3718	1750	3.0
S32U SVUB R/L 16	1335	5516	3718	1750	3.0
S40V SVUB R/L 16	1335	5516	3718	1750	3.0

□□□□

35º rhombic positive insert with 5º clearance.
35º rhombische positive Wendeschneidplatte mit 5º Freiwinkel. A48

Reference / Bez.	□	□□	□
VBMT 1604..	16,50	4,76	9,52



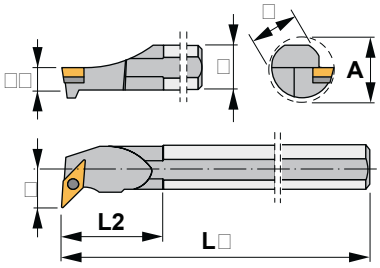
□□□□

Characteristics:

Multipurpose profiling boring bar equipped with rhombic positive insert (angle 35º).

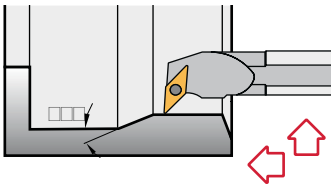
For boring bars with negative inserts see Ref. MVUN-K (Page: A184).

Axial 0º
Radial -5º



Eigenschaften:

Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (35° Winkel) . Für Bohrstangen mit negativen Wendeschneidplatten siehe MVUN-K (Seite: A184).



□□□□□□□

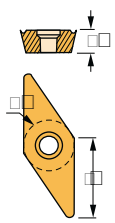
Reference Bezeichnung	□	□	□□	L□	L2	□	A	Insert size Wendeschneidplatte	Kg
S16R SVUC R/L 11	16	15	7,5	200	30	11	20	VC.. 1103..	0,300
S20S SVUC R/L 11	20	18	9,0	250	35	13	24	VC.. 1103..	0,550
S25T SVUC R/L 16	25	23	11,5	300	40	17	31	VC.. 1604..	0,700
S32U SVUC R/L 16	32	30	15,0	350	45	22	39	VC.. 1604..	2,050
S40V SVUC R/L 16	40	37	18,5	400	50	27	48	VC.. 1604..	3,750

Reference Bezeichnung					□□
S16R SVUC R/L 11	1225	5507	-	-	0.9
S20S SVUC R/L 11	1225	5507	-	-	0.9
S25T SVUC R/L 16	1335	5516	3718	1750	3.0
S32U SVUC R/L 16	1335	5516	3718	1750	3.0
S40V SVUC R/L 16	1335	5516	3718	1750	3.0

□□□□

35º rhombic positive inserts with 7º clearance.
Rhombische positive WSP (35º Winkel) mit Freiwinkel 7º. A48

Reference / Bez.	□	□	□
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52



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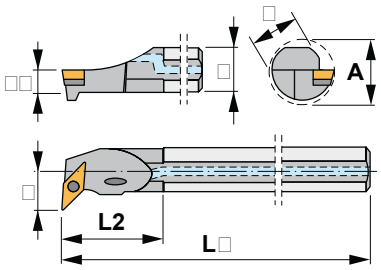
Characteristics:

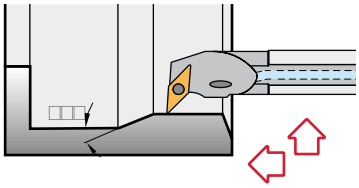
Multipurpose profiling boring bar equipped with rhombic positive insert (angle 35º).
For boring bars with negative inserts see Ref. MVUN-K (Page: A184).

Axial 0º
Radial -5º



Eigenschaften:

Multifunktions-Bohrstange zum Profildrehen mit rhombischen positiven Wendeschneidplatten (35° Winkel). Für Bohrstangen mit negativen Wendeschneidplatten siehe MVUN-K (Seite: A184).



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Reference Bezeichnung	□	□	□□	L□	L2	□	A	Insert size Wendeschneidplatte	Kg
A16M SVUC R/L 11	16	15	7,5	150	30	11	20	VC.. 1103..	0,200
A20Q SVUC R/L 11	20	18	9,0	180	35	13	24	VC.. 1103..	0,400
A25R SVUC R/L 16	25	23	11,5	200	40	17	31	VC.. 1604..	0,700
A32S SVUC R/L 16	32	30	15,0	250	45	22	39	VC.. 1604..	1,400
A40T SVUC R/L 16	40	37	18,5	300	50	27	48	VC.. 1604..	2,650

Reference Bezeichnung					□□
A16M SVUC R/L 11	1225	5507	-	-	0.9
A20Q SVUC R/L 11	1225	5507	-	-	0.9
A25R SVUC R/L 16	1335	5516	3718	1750	3.0
A32S SVUC R/L 16	1335	5516	3718	1750	3.0
A40T SVUC R/L 16	1335	5516	3718	1750	3.0

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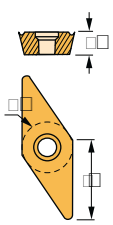
35º rhombic positive inserts with 7º clearance.
Rhombische positive WSP (35º Winkel) mit Freiwinkel 7º. A48

Reference / Bez.	□	□	□
VC.. 1103..	11,00	3,18	6,35
VC.. 1604..	16,50	4,76	9,52



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