









Boring bars

Boring bar	Application					Workpiece		Page	
	Longitudinal turning	Facing	Undercut	Contouring	Profiling	Stable	Unstable		
									
P	PDSNR/L 62°30'							A326	
	PCLNR/L 95°							A324	
	PDUNR/L 93°								A327
	PSKNR/L 75°								A329
	PTFNR/L 91°								A330
	PWLNR/L 95°								A332
S	SCFCR/L 90°							A352	
	SCLCR/L 95°							A352	
	SCLPR/L 95°							A354	
	SDQCR/L 107°30'								A357
	SDQPR/L 107°30'								A356
	SDUCR/L 93°								A359
	SDUPR/L 93°								A358
	SDZCR/L 95°								A338

 Recommended

A

Turning

B

Milling

C

Drilling

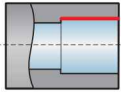
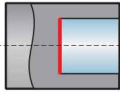
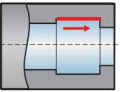
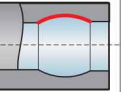
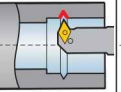
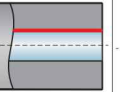
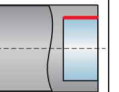















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Technical Information

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Boring bars

Boring bar	Application					Workpiece		Page
	Longitudinal turning	Facing	Undercut	Contouring	Profiling	Stable	Unstable	
								
S	SSKCR/L 75° 	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>	A339
	STFCR/L 91° 	<input checked="" type="checkbox"/>						A361
	STUPR/L 93° 	<input checked="" type="checkbox"/>						A360
	SVQBR/L 107°30' 	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		A345
	SVXBR/L 93° 			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	A347
	SVQCR/L 107°30' 	<input checked="" type="checkbox"/>						A363
	SVUBR/L 93° 	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		A346
	SVUCR/L 93° 	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		A364
	SZLNR/L 95° 	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	A365
Antivibration	SCLPR/L 95° 	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					A348
	SDQPR/L 107°30' 	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		A349
	SDUPR/L 93° 	<input checked="" type="checkbox"/>						A350
	STUPR/L 93° 	<input checked="" type="checkbox"/>						A351
	SVQCR/L 107°30' 	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		A343
	SVUCR/L 93° 	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		A344

 Recommended

S 16 R – S D U C R 07 – KR93

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3

4

5

6

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A

Turning

B

Milling

C

Drilling

D

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Shank type

Code	Description
A	Steel shank (IC)
C	Solid carbide shank
E	Solid carbide shank (IC)
S	Steel shank
X	Special application

1

Shank diameter d [mm]

Code	d
16	16
20	20
25	25
32	32
40	40
50	50



2

Clamping system

Code	L
H	100
K	125
M	150
N	160
P	170
Q	180
R	200
S	250
T	300
U	350
V	400








3

Clamping system

Code	Description
P	Knee lever clamping 
S	Screw clamping 

4

Insert shape

C		D	
R		S	
T		V	
W			

5

Tool holder type and entering angle

6

Clearance angle

7

Cutting direction

8

Cutting edge length l [mm]

I.C [mm]	Insert shape						
	C	D	R	S	T	V	W
5,56	09						
6,35	06	07			11		
9,525	09	11	09	09	16	16	06
12,7	12	15	12	12	22	22	08
15,875	16	19	15	15	27		
19,05	19		19	19	33		
25,4	25		25	25	44		
32			32				

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Entering angle

10

A

Turning

B

Milling

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Drilling

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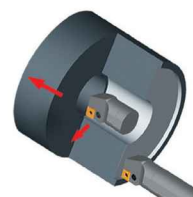
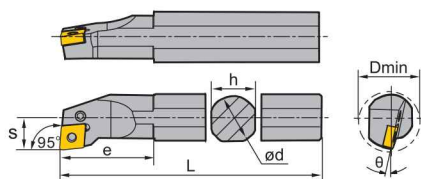
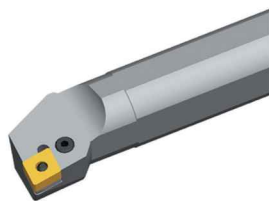
Technical Information

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CN** steel boring bar P-Clamping

PCLNR/L Kr: 95°



Right hand style










Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	S	e	D _{min}	θ	
S16M-PCLNR/L09		●	●	16	150	15	11	28	20	-12	CN**0903**
S16R-PCLNR/L09		●	●	16	200	15	11	28	20	-12	CN**0903**
S20Q-PCLNR/L09		●	●	20	180	18	13	31	25	-11	CN**0903**
S20S-PCLNR/L09		●	●	20	250	18	13	31	25	-11	CN**0903**
S25Q-PCLNR/L09		○	○	25	180	23	17	35	32	-10	CN**0903**
S25T-PCLNR/L09		●	○	25	300	23	17	35	32	-10	CN**0903**
A16M-PCLNR/L09	*	○	○	16	150	14	11		20	-12	CN**0903**
S25Q-PCLNR/L12		○	○	25	180	23	17	40	32	-12	CN**1204**
S25T-PCLNR/L12		●	●	25	300	23	17	40	32	-12	CN**1204**
S32R-PCLNR/L12		●	●	32	200	30	22	50	44	-10	CN**1204**
S32U-PCLNR/L12		●	●	32	350	30	22	50	44	-10	CN**1204**
S40S-PCLNR/L12		○	●	40	250	37	27	55	54	-10	CN**1204**
S40V-PCLNR/L12		●	●	40	400	37	27	55	54	-10	CN**1204**
S50S-PCLNR/L12		○	○	50	250	47	35	56	63	-10	CN**1204**
S50W-PCLNR/L12		●	●	50	450	47	35	56	63	-10	CN**1204**
A25R-PCLNR/L12	*	●	●	25	200	24	17	40	32	-12	CN**1204**
A32S-PCLNR/L12	*	●	●	32	250	31	22	50	44	-10	CN**1204**
S50S-PCLNR/L19		○	○	50	250	47	35	63	63	-10	CN**1906**
S50W-PCLNR/L19		●	○	50	450	47	35	63	63	-10	CN**1906**

● Ex stock ○ On demand

* With internal cooling

CN steel boring bar**

Spare parts

	Insert ød	CN**0903** 16-25	CN**1204** 25	CN**1204** 32-50	CN**1906** 50
	Knee lever	L3C	L4A	L4A	L6
	Screw	LEM5×9B (4.0 Nm)			
	Screw				LEM10×27 (16.6 Nm)
	Screw		LEM6×13.4A (7.0 Nm)	LEM6×13.4A (7.0 Nm)	
	Shim pin (shim)			SP4	SP6
	Shim				C19AP
	Shim			C12APB	
	Wrench		WH25L	WH25L	WH40L
	Wrench	WT09IP			

Insert

					
Wiper A51	Finishing A52	Medium Cut A53	Roughing A57	Cast Iron A61	PCBN/PCD A177

System code > A322

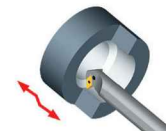
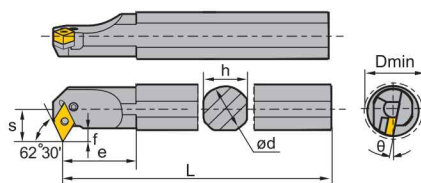
Grade selection > A42

Technical info > A501

Cutting data > A366

DN** steel boring bar P-Clamping

PDSNR/L Kr: 62°30'



Right hand style

Article	*	Stock		Dimensions [mm]								Inserts
		R	L	ød	L	h	s	e	f	D _{min}	θ	
S32R-PDSNR/L15-3		○	○	32	200	30	22	45	8.5	40	-11	DN**1504**
S40V-PDSNR/L15-3		●		40	400	37	27	43	9.4	50	-11	DN**1504**
A32S-PDSNR/L15-3	*	○	○	32	250	31	22	45	8.5	40	-11	DN**1504**
S32R-PDSNR/L15		●	●	32	200	30	22	45	8.5	40	-11	DN**1506**
S32U-PDSNR/L15		●	●	32	350	30	22	45	8.5	40	-11	DN**1506**
S40S-PDSNR/L15		○	○	40	250	37	27	43	9.4	50	-11	DN**1506**
S40V-PDSNR/L15		○	○	40	400	37	27	43	9.4	50	-11	DN**1506**
A32S-PDSNR/L15	*	●	●	32	250	31	22	45	8.5	40	-11	DN**1506**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert ød	DN**1504**	DN**1506**
		32-40	32-40
Knee lever		L4	L4B
Screw		LEM8×21 (10.2 Nm)	LEM8×21 (10.2 Nm)
Shim pin (shim)		SP4	SP4
Shim		D15AP	D15AP
Wrench		WH30L	WH30L

Insert

Wiper A62	Finishing A63	Medium Cut A63	Roughing A68	Cast Iron A69	PCBN/PCD A178

System code > A322

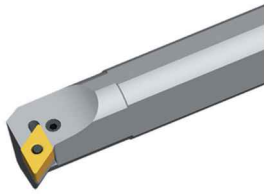
Grade selection > A42

Technical info > A501

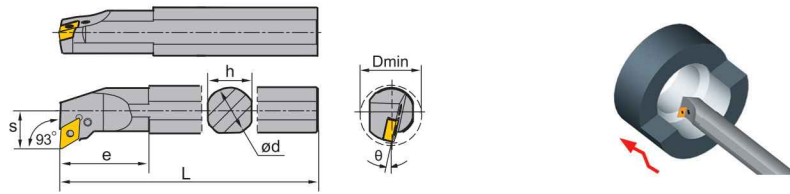
Cutting data > A366

DN steel boring bar P-Clamping**

PDUNR/L Kr: 93°



Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S20Q-PDUNR/L11	● ○	20	180	18	13	30	25	-16	DN**1104**		
S20S-PDUNR/L11	● ●	20	250	18	13	30	25	-16	DN**1104**		
S25Q-PDUNR/L11	● ●	25	180	23	17	35	32	-13	DN**1104**		
S25T-PDUNR/L11	● ●	25	300	23	17	35	32	-13	DN**1104**		
S32R-PDUNR/L11	○ ○	32	200	30	22	40	40	-16	DN**1104**		
S32U-PDUNR/L11	● ●	32	350	30	22	40	40	-16	DN**1104**		
A25R-PDUNR/L11	* ●	25	200	24	17	35	32	-13	DN**1104**		
S32R-PDUNR/L15-3	○ ○	32	200	30	22	50	40	-16	DN**1504**		
S32U-PDUNR/L15-3	● ●	32	350	30	22	50	40	-16	DN**1504**		
S40S-PDUNR/L15-3	○ ○	40	250	37	27	50	50	-11	DN**1504**		
S40V-PDUNR/L15-3	● ●	40	400	37	27	50	50	-11	DN**1504**		
A32S-PDUNR/L15-3	* ● ●	32	250	31	22	50	40	-16	DN**1504**		
S32R-PDUNR/L15	○ ○	32	200	30	22	50	40	-16	DN**1506**		
S32U-PDUNR/L15	● ●	32	350	30	22	50	40	-16	DN**1506**		
S40S-PDUNR/L15	○ ○	40	250	37	27	50	50	-11	DN**1506**		
S40V-PDUNR/L15	● ●	40	400	37	27	50	50	-11	DN**1506**		
A32S-PDUNR/L15	* ● ●	32	250	31	22	50	40	-16	DN**1506**		

● Ex stock ○ On demand

* With internal cooling

Spare parts		DN**1104**	DN**1104**	DN**1504**	DN**1506**
Insert	ød	20-25	32	32-40	32-40
	Knee lever	L3D	L3	L4	L4B
	Screw	LEM5×12B (4.0 Nm)	LEM6×17 (7.0 Nm)		
	Screw			LEM8×21 (10.2 Nm)	LEM8×21 (10.2 Nm)
	Shim pin (shim)		SP3	SP4	SP4
	Shim		D11AP	D15AP	D15AP
	Wrench		WH25L	WH30L	WH30L
	Wrench	WT09IP			

A

Turning

B

Milling

C

Drilling

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A

Turning

DN** steel boring bar

Insert					
					
Wiper	Finishing	Medium Cut	Roughing	Cast Iron	PCBN/PCD
A62	A63	A63	A68	A69	A178

B

Milling

C

Drilling

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System code > A322

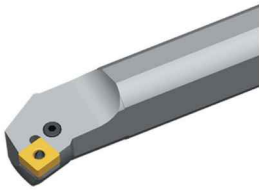
Grade selection > A42

Technical info > A501

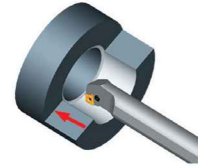
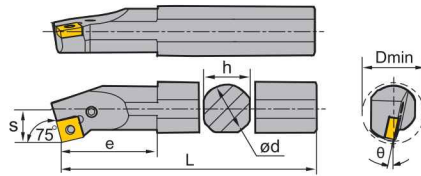
Cutting data > A366

SN steel boring bar** P-Clamping

PSKNR/L Kr: 75°



Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S25Q-PSKNR/L12		○	●	25	180	23	17	42	32	-12	SN**1204**
S25T-PSKNR/L12		●	○	25	300	23	17	42	32	-12	SN**1204**
S32R-PSKNR/L12		○	○	32	200	30	22	45	44	-10	SN**1204**
S32U-PSKNR/L12		●	●	32	350	30	22	45	44	-10	SN**1204**
S40S-PSKNR/L12		○	○	40	250	37	27	50	54	-10	SN**1204**
S40V-PSKNR/L12		●	○	40	400	37	27	50	54	-10	SN**1204**
A25R-PSKNR/L12	*	●	●	25	200	24	17	42	32	-12	SN**1204**
A32S-PSKNR/L12	*	●	●	32	250	31	22	50	44	-12	SN**1204**

● Ex stock ○ On demand

* With internal cooling

Spare parts

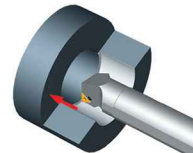
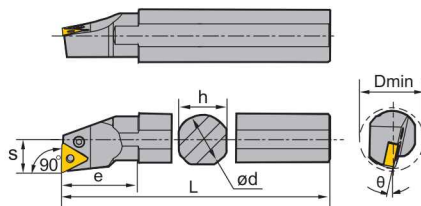
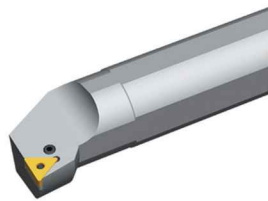
	Insert ød	SN**1204**	SN**1204**
		25	32-40
	Knee lever	L4A	L4
	Screw		LEM8×21 (10.2 Nm)
	Screw	LEM6×13.4A (7.0 Nm)	
	Shim pin (shim)		SP4
	Shim		S12APB
	Wrench	WH25L	WH30L

Insert

Finishing A73	Medium Cut A73	Roughing A78	Cast Iron A84	PCBN/PCD A162

TN** steel boring bar P-Clamping

PTFNR/L Kr: 90°



Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S16M-PTFNR/L11	○	○	16	150	15	11	28	20	-14	TN**1103**	
S16R-PTFNR/L11	●	●	16	200	15	11	28	20	-14	TN**1103**	
S20Q-PTFNR/L11	●	●	20	180	18	13	31	25	-12	TN**1103**	
S20S-PTFNR/L11	●	●	20	250	18	13	31	25	-12	TN**1103**	
S25Q-PTFNR/L11	○	○	25	180	23	17	35	32	-10	TN**1103**	
S25T-PTFNR/L11	○	○	25	300	23	17	35	32	-10	TN**1103**	
S25Q-PTFNR/L16	○	○	25	180	23	17	42	32	-12	TN**1604**	
S25T-PTFNR/L16	●	●	25	300	23	17	42	32	-12	TN**1604**	
S32R-PTFNR/L16	○	○	32	200	30	22	50	44	-10	TN**1604**	
S32U-PTFNR/L16	●	●	32	350	30	22	50	44	-10	TN**1604**	
S40S-PTFNR/L16	○	○	40	250	37	27	55	54	-10	TN**1604**	
S40V-PTFNR/L16	●	●	40	400	37	27	55	54	-10	TN**1604**	
A25R-PTFNR/L16	*	○	25	200	24	17	40	32	-12	TN**1604**	
A32S-PTFNR/L16	*	●	32	250	31	22	50	44	-10	TN**1604**	

● Ex stock ○ On demand

* With internal cooling

Spare parts

Insert	ød	TN**1103**	TN**1604**	TN**1604**
		16-25	25	32-40
Knee lever		L2	L3B	L3
Screw		LEM5×9B (4.0 Nm)	LEM5×12B (4.0 Nm)	LEM6×17 (7.0 Nm)
Shim pin (shim)				SP3
Shim				T16APB
Wrench			WH20L	WH25L
Wrench		WT09IP		

System code > A322

Grade selection > A42

Technical info > A501

Cutting data > A366

TN steel boring bar**

Insert					
					
Wiper	Finishing	Medium Cut	Roughing	Cast Iron	PCBN/PCD
A87	A88	A90	A92	A99	A163

A

Turning

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Milling

C

Drilling

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System code > A322

Grade selection > A42

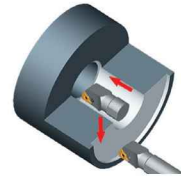
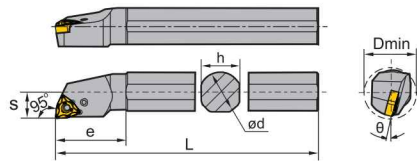
Technical info > A501

Cutting data > A366



WN** steel boring bar P-Clamping

PWLNR/L Kr: 95°



Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S16M-PWLNR/L06	●	●	16	150	15	11	25	20	-13	WN**0604**	
S16M-PWLNR/L06	●	○	16	150	15	11	25	20	-13	WN**0604**	
S16R-PWLNR/L06	○	○	16	200	15	11	25	20	-13	WN**0604**	
S20Q-PWLNR/L06	●	●	20	180	18	13	35	25	-13	WN**0604**	
S20S-PWLNR/L06	●	○	20	250	18	13	35	25	-13	WN**0604**	
S25Q-PWLNR/L06	○	○	25	180	23	17	35	32	-13	WN**0604**	
S25T-PWLNR/L06	○	○	25	300	23	17	35	32	-13	WN**0604**	
S20Q-PWLNR/L08	●	●	20	180	18	13	32	25	-13	WN**0804**	
S20S-PWLNR/L08	●	○	20	250	18	13	32	25	-13	WN**0804**	
S25Q-PWLNR/L08	●	○	25	180	23	17	45	32	-13	WN**0804**	
S25T-PWLNR/L08	●	●	25	300	23	17	45	32	-13	WN**0804**	
S32R-PWLNR/L08	●	●	32	200	30	22	50	40	-15	WN**0804**	
S32U-PWLNR/L08	●	●	32	350	30	22	50	40	-15	WN**0804**	
S50W-PWLNR/L08	○	○	50	450	47	35	50	63	-15	WN**0804**	

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	WN**0604**	WN**0804**	WN**0804**	WN**0804**
		ød	16-25	20-25	32
	Knee lever	L3B	L4A	L4	L4
	Screw	LEM5×12B (4.0 Nm)		LEM8×21 (10.2 Nm)	LEM8×21 (10.2 Nm)
	Screw		LEM6×13.4A (7.0 Nm)		
	Screw			SP4	SP4
	Shim pin (shim)			W08AP	W08AP
	Shim			WH30L	WH30L
	Wrench		WH25L		
	Wrench	WT09IP			

System code > A322

Grade selection > A42

Technical info > A501

Cutting data > A366

WN steel boring bar**

Insert					
					
Wiper	Finishing	Medium Cut	Roughing	Cast Iron	PCBN/PCD
A106	A107	A107	A109	A111	A165

A

Turning

B

Milling

C

Drilling

D

Technical Information

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System code > A322

Grade selection > A42

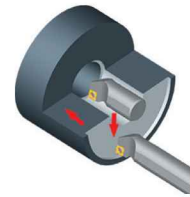
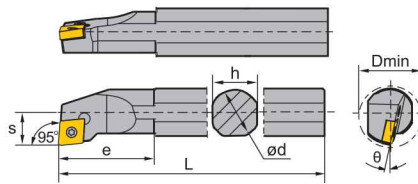
Technical info > A501

Cutting data > A366



CC** steel boring bar S-Clamping

SCLCR/L Kr: 95°



Right hand style

Article	*	Stock		Dimensions [mm]								Inserts
		R	L	ød	L	h	s	L ₂	e	D _{min}	θ	
S08K-SCLCR/L06		●	●	8	125	7	5	14	14	10	-15	CC**0602**
S10K-SCLCR/L06		●	●	10	125	7	5	14	14	10	-15	CC**0602**
S10M-SCLCR/L06		●	●	10	150	9	6	14	14	12	-13	CC**0602**
S12M-SCLCR/L06		●	●	12	150	11	9	25	25	16	-10	CC**0602**
A08F-SCLCR/L06	*	●	●	8	80	7.5	5	14	14	10	-15	CC**0602**
A10H-SCLCR/L06	*	●	●	10	100	9.5	6	14	14	12	-13	CC**0602**
A12K-SCLCR/L06	*	●	●	12	125	11.5	9	25	25	16	-10	CC**0602**
S12M-SCLCR/L09		●	●	12	150	11	9	25	25	16	-10	CC**09T3**
S16M-SCLCR/L09		●	○	16	150	15	11	32.5	32.5	20	-12	CC**09T3**
S16R-SCLCR/L09		●	●	16	200	15	11	32.5	32.5	20	-12	CC**09T3**
S20Q-SCLCR/L09		●	●	20	180	18	13	38	38	25	-8	CC**09T3**
S20S-SCLCR/L09		●	●	20	250	18	13	38	38	25	-8	CC**09T3**
S25Q-SCLCR/L09		●	○	25	180	23	17	45	45	32	-6	CC**09T3**
S25T-SCLCR/L09		●	●	25	300	23	17	45	45	32	-6	CC**09T3**
A12K-SCLCR/L09	*	●	●	12	125	11.5	9	25	25	16	-10	CC**09T3**
A16M-SCLCR/L09	*	●	●	16	150	15.5	11	32.5	32.5	20	-12	CC**09T3**
A20Q-SCLCR/L09	*	●	●	20	180	19	13	38	38	25	-8	CC**09T3**
A25R-SCLCR/L09	*	●	●	25	200	24	17	45	45	32	-6	CC**09T3**
S25Q-SCLCR/L12		●	○	25	180	23	17	45	45	32	-6	CC**1204**
S25T-SCLCR/L12		●	●	25	300	23	17	45	45	32	-6	CC**1204**
S32R-SCLCR/L12		●	●	32	200	30	22	50	50	40	-10	CC**1204**
S32U-SCLCR/L12		●	●	32	350	30	22	50	50	40	-10	CC**1204**
S40S-SCLCR/L12		○		40	250	37	27	60	60	50	-8	CC**1204**
S40V-SCLCR/L12		●	●	40	400	37	27	60	60	50	-8	CC**1204**
A25R-SCLCR/L12	*	●	●	25	200	24	17	45	45	32	-6	CC**1204**
A32T-SCLCR/L12	*	○		32	300	30	22			40	-10	CC**1204**
A32S-SCLCR/L12	*	●	●	32	250	31	22	50	50	40	-10	CC**1204**

● Ex stock ○ On demand

* With internal cooling

System code > A322







Grade selection > A42

Technical info > A501

Cutting data > A366

CC steel boring bar**

Spare parts

	Insert ød	CC**0602** 8-12	CC**09T3** 12-20	CC**09T3** 25	CC**1204** 25	CC**1204** 32-40
	Screw	I60M2.5×5.5 (1.0 Nm)	I60M3.5×8 (2.7 Nm)	I60M3.5×10 (2.7 Nm)		
	Screw				I60M4×11X (3.4 Nm)	I60M4×11X (3.4 Nm)
	Screw (shim)					SM6×10XA
	Shim					C12B5
	Wrench (screw)	WT07IP	WT15IP	WT15IP	WT15IP	WT15IP
	Wrench (shim)					WH40L

Insert

					
Finishing	Medium Cut	Roughing	Alum Machining	Cast Iron	PCBN/PCD
A116	A119	A121	A122	A121	A180

A

Turning

B

Milling

C

Drilling

D

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System code > A322

Grade selection > A42

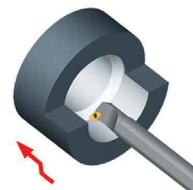
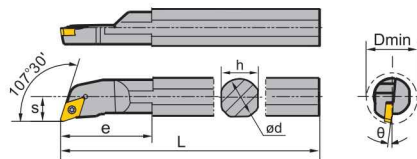
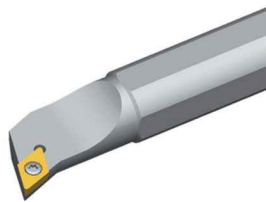
Technical info > A501

Cutting data > A366

General turning Boring bars

DC** steel boring bar **S-Clamping**

SDQCR/L Kr: 107°30'



Right hand style

Article	*	Stock		Dimensions [mm]								Inserts
		R	L	ød	L	h	s	L ₂	e	D _{min}	θ	
S10M-SDQCR/L07	●	●	10	150	9	7	20	20	13	-8	DC**0702**	
S12M-SDQCR/L07	●	●	12	150	11	9	22	22	16	-8	DC**0702**	
S16M-SDQCR/L07	○	●	16	150	15	11	27	27	20	-6	DC**0702**	
S16Q-SDQCR/L07	●	●	16	180	15	11	27	27	20	-6	DC**0702**	
S16R-SDQCR/L07	●	●	16	200	15	11	27	27	20	-6	DC**0702**	
A10H-SDQCR/L07	*	●	●	10	100	9.5	7	20	20	13	-8	DC**0702**
A12K-SDQCR/L07	*	●	●	12	125	11.5	9	22	22	16	-8	DC**0702**
S20Q-SDQCR/L11	●	○	20	180	18	13	32	32	25	-6	DC**11T3**	
S20S-SDQCR/L11	●	●	20	250	18	13	32	32	25	-6	DC**11T3**	
S25Q-SDQCR/L11	●	○	25	180	23	17	32	32	32	-6	DC**11T3**	
S25T-SDQCR/L11	●	●	25	300	23	17	32	32	32	-6	DC**11T3**	
A16M-SDQCR/L11	*	●	●	16	150	15.5	11	27	27	20	-6	DC**11T3**
A20Q-SDQCR/L11	*	●	●	20	180	19	13	32	32	25	-6	DC**11T3**
A25R-SDQCR/L11	*	●	●	25	200	24	17	32	32	32	-6	DC**11T3**

● Ex stock ○ On demand

* With internal cooling

Spare parts

Insert	DC**0702**	DC**0702**	DC**11T3**	DC**11T3**	DC**11T3**
	10	12-16	16-20	20	25
Screw	I60M2.5×5.5 (1.0 Nm)	I60M2.5×6.5 (1.0 Nm)	I60M3.5×8 (2.7 Nm)	I60M3.5×8 (2.7 Nm)	I60M3.5×10 (2.7 Nm)
Wrench (screw)	WT07IP	WT07IP	WT15IP	WT15IP	WT15IP

Insert

Finishing A126	Medium Cut A127	Roughing A129	Alum Machining A129	Cast Iron A129	PCBN/PCD A184

System code > A322

Grade selection > A42

Technical info > A501

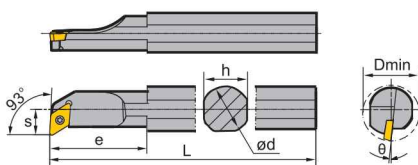
Cutting data > A366

DC steel boring bar S-Clamping**

SDUCR/L Kr: 93°



Right hand style



Article	*	Stock		Dimensions [mm]								Inserts
		R	L	ød	L	h	s	L ₂	e	D _{min}	θ	
S10M-SDUCR/L07	●	●	10	150	9	7	-	0	13	-8	DC**0702**	
S12M-SDUCR/L07	●	●	12	150	11	9	22	22	16	-8	DC**0702**	
S16M-SDUCR/L07	●	●	16	150	15	11	27	27	20	-6	DC**0702**	
S16R-SDUCR/L07	●	●	16	200	15	11	27	27	20	-6	DC**0702**	
A10H-SDUCR/L07	*	●	10	100	9.5	7	-	0	13	-8	DC**0702**	
A12K-SDUCR/L07	*	●	12	125	11.5	9	22	22	16	-8	DC**0702**	
A16M-SDUCR/L07	*	●	16	150	15.5	11	27	27	20	-6	DC**0702**	
S20Q-SDUCR/L11	●	●	20	180	18	13	40	40	25	-6	DC**11T3**	
S20S-SDUCR/L11	●	●	20	250	18	13	40	40	25	-6	DC**11T3**	
S25Q-SDUCR/L11	●	○	25	180	23	17	46	46	32	-6	DC**11T3**	
S25T-SDUCR/L11	●	●	25	300	23	17	46	46	32	-6	DC**11T3**	
A16R-SDUCR/L11	*	○	16	200	15	14.5	27	27	23	-6	DC**11T3**	
A20Q-SDUCR/L11	*	●	20	180	19	13	40	40	25	-6	DC**11T3**	
A25R-SDUCR/L11	*	●	25	200	24	17	46	46	32	-6	DC**11T3**	

● Ex stock ○ On demand

* With internal cooling

Spare parts

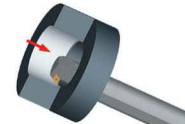
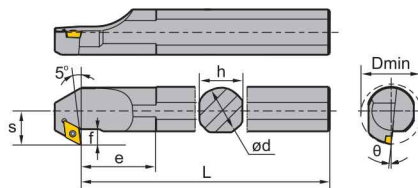
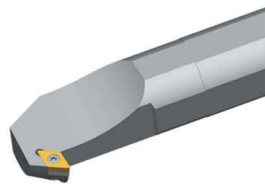
	Insert	DC**0702**	DC**11T3**
	ød	10-16	16-25
	Screw	I60M2.5x5.5 (1.0 Nm)	I60M3.5x8 (2.7 Nm)
	Wrench	WT07IP	WT15IP

Insert

Finishing A126	Medium Cut A127	Roughing A129	Alum Machining A129	Cast Iron A129	PCBN/PCD A184

DC** steel boring bar S-Clamping

SDZCR/L Kr: 85°



Right hand style

Article	*	Stock		Dimensions [mm]								Inserts
		R	L	ød	L	h	s	e	f	D _{min}	θ	
S25Q-SDZCR/L11	•	•	25	180	23	17	30	6.9	32	-6	DC**11T3**	
S25T-SDZCR/L11	•	•	25	300	23	17	30	6.9	32	-6	DC**11T3**	
S32R-SDZCR/L11	○		32	200	30	22	39	8.4	40	-6	DC**11T3**	
S32U-SDZCR/L11	•	•	32	350	30	22	39	8.4	40	-6	DC**11T3**	
S40S-SDZCR/L11	○	•	40	250	37	27	47	9.4	50	-4	DC**11T3**	
S40V-SDZCR/L11	•	•	40	400	37	27	47	9.4	50	-4	DC**11T3**	
A25R-SDZCR/L11	*	•	25	200	24	17	30	4.5	32	-6	DC**11T3**	
A32S-SDZCR/L11	*	•	32	250	31	22	39	6	40	-6	DC**11T3**	

• Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	DC**11T3**	DC**11T3**
	ød	25	32-40
	Screw	I60M3.5x10 (2.7 Nm)	I60M3.5x12 (2.7 Nm)
	Screw (shim)		SM5x8.65XA
	Shim		D11BS
	Wrench (screw)	WT15IP	WT15IP
	Wrench (shim)		WH35L

Insert

Finishing A126	Medium Cut A127	Roughing A129	Alum Machining A129	Cast Iron A129	PCBN/PCD A184

System code > A322

Grade selection > A42

Technical info > A501

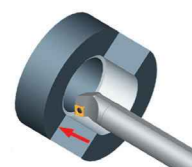
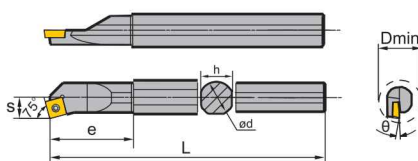
Cutting data > A366

SC steel boring bar S-Clamping**

SSKCR/L Kr: 75°



Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S12M-SSKCR/L09	●	●	12	150	11	9	26	16	-10	SC**09T3**	
S16M-SSKCR/L09	○	○	16	150	15	11	32.5	20	-11	SC**09T3**	
S16R-SSKCR/L09	○	○	16	200	15	11	32.5	20	-11	SC**09T3**	
S20Q-SSKCR/L09	○	○	20	180	18	13	34.5	25	-6	SC**09T3**	
S20S-SSKCR/L09	●	○	20	250	18	13	34.5	25	-6	SC**09T3**	
A12K-SSKCR/L09	*	●	○	12	125	11	9	26	-10	SC**09T3**	
A16M-SSKCR/L09	*	●	○	16	150	15	11	32.5	-11	SC**09T3**	
A20Q-SSKCR/L09	*	●	○	20	180	19	13	34.5	-6	SC**09T3**	
S25Q-SSKCR/L12	○	○	25	180	23	17	36.3	32	-8	SC**1204**	
S25T-SSKCR/L12	●	○	25	300	23	17	36.3	32	-8	SC**1204**	
S32R-SSKCR/L12	○	○	32	200	30	22	43.5	40	-10	SC**1204**	
S32U-SSKCR/L12	●	○	32	350	30	22	43.5	40	-10	SC**1204**	
A25R-SSKCR/L12	*	●	○	25	200	24	17	41.3	-8	SC**1204**	
A32S-SSKCR/L12	*	●	○	32	250	31	22	42.8	-10	SC**1204**	

● Ex stock ○ On demand



* With internal cooling

Spare parts		SC**09T3**	SC**1204**	SC**1204**
Insert	ød	12-20	25	32
	Screw	I60M3.5x8 (2.7 Nm)		
	Screw		I60M4x11X (3.4 Nm)	I60M4x11X (3.4 Nm)
	Screw (shim)			SM6x10XA
	Shim			S12BS
	Wrench (screw)	WT15IP	WT15IP	WT15IP
	Wrench (shim)			WH40L

A

Turning

SC** steel boring bar

Insert			
			
Finishing	Medium Cut	Roughing	Alum Machining
A134	A135	A136	A136

B

Milling

C

Drilling

D

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System code > A322

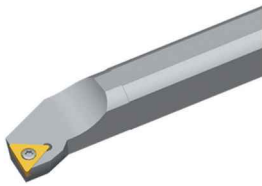
Grade selection > A42

Technical info > A501

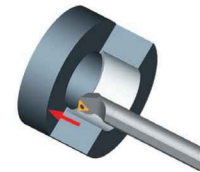
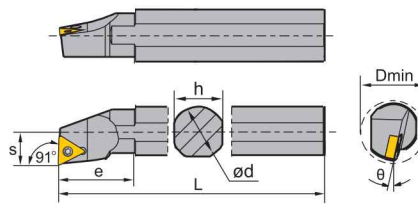
Cutting data > A366

TC steel boring bar S-Clamping**

STFCR/L Kr: 91°



Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S12M-STFCR/L11	●	●	12	150	11	9	30	16	-10	TC**1102**	
S16M-STFCR/L11	○	●	16	150	15	11	35	20	-6	TC**1102**	
S16R-STFCR/L11	●	●	16	200	15	11	35	20	-6	TC**1102**	
S20Q-STFCR/L11	○	○	20	180	18	13	36	25	-3	TC**1102**	
S20S-STFCR/L11	●	●	20	250	18	13	36	25	-3	TC**1102**	
A12K-STFCR/L11	*	●	12	125	11.5	9	26	16	-10	TC**1102**	
A16M-STFCR/L11	*	●	16	150	15.5	11	30	20	-6	TC**1102**	
A20Q-STFCR/L11	*	●	20	180	19	13	36	25	-3	TC**1102**	
S25Q-STFCR/L16	●	○	25	180	23	17	49	32	-6	TC**16T3**	
S25T-STFCR/L16	●	●	25	300	23	17	49	32	-6	TC**16T3**	
S32R-STFCR/L16	●	●	32	200	30	22	50	40	-10	TC**16T3**	
S32U-STFCR/L16	●	●	32	350	30	22	50	40	-10	TC**16T3**	
S40S-STFCR/L16	○	○	40	250	37	27	60	50	-8	TC**16T3**	
S40V-STFCR/L16	●	●	40	400	37	27	60	50	-8	TC**16T3**	
A25R-STFCR/L16	*	●	25	200	24	17	45	32	-6	TC**16T3**	
A32S-STFCR/L16	*	●	32	250	31	22	49	40	-10	TC**16T3**	

● Ex stock ○ On demand

* With internal cooling

Spare parts		TC**1102**	TC**16T3**	TC**16T3**
Insert		12-20	25	32-40
ød				
	Screw	I60M2.5×6.5 (1.0 Nm)	I60M3.5×10 (2.7 Nm)	I60M3.5×12 (2.7 Nm)
	Screw (shim)			SM5×8.65XA
	Shim			T16BS
	Wrench (screw)	WT07IP	WT15IP	WT15IP
	Wrench (shim)			WH35L

A

Turning

TC** steel boring bar

Insert					
					
Finishing	Medium Cut	Roughing	Alum Machining	Cast Iron	PCBN/PCD
A141	A142	A143	A145	A143	A187

B

Milling

C

Drilling

D

Technical Information

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System code > A322

Grade selection > A42

Technical info > A501

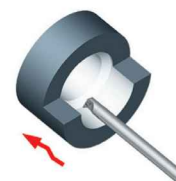
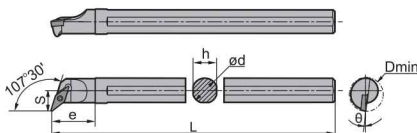
Cutting data > A366

VC steel boring bar S-Clamping**

SVQCR/L Kr: 107°30'



Right hand style



Article	*	Stock		Dimensions [mm]						Inserts
		R	L	ød	L	h	s	e	D _{min}	
S16Q-SVQCR/L11	●	●	16	180	15	13	28	22	-6	VC**1103**
S20R-SVQCR/L11	●	○	20	200	18	15	32	26	-4	VC**1103**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	VC**1103**
	ød	16-20
	Screw	I60M2.5×6.5 (1.0 Nm)
	Wrench (screw)	WT07IP

Insert

Finishing	Alum Machining	PCBN/PCD
A156	A154	A193

A

Turning

B

Milling

C

Drilling

D

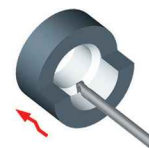
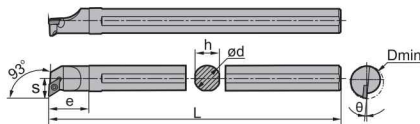
Technical Information

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VC** steel boring bar S-Clamping

SVUCR/L Kr: 93°



Right hand style

Article	*	Stock		Dimensions [mm]								Inserts
		R	L	ød	L	h	s	L ₂	e	D _{min}	θ	
S16Q-SVUCR/L11	● ○	●	○	16	180	15	15	25	25	24	-6	VC**1103**
S20R-SVUCR/L11	● ●	●	●	20	200	18	17	30	30	28	-4	VC**1103**
S40U-SVUCR/L16	○ ○	○	○	40	350	37	27	56	56	50	-8	VC**1604**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	VC**1103**	VC**1604**
	ød	16-20	40
	Screw	I60M2.5×6.5 (1.0 Nm)	I60M3.5×12 (2.7 Nm)
	Screw (shim)		SM5×8.65XA (4.0 Nm)
	Shim		V16BSC
	Wrench (screw)	WT07IP	WT15IP
	Wrench (shim)		WH35L

Insert

Finishing	Medium Cut	Alum Machining	PCBN/PCD
A156	A156	A154	A193

System code > A322

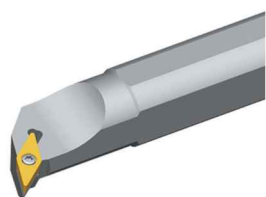
Grade selection > A42

Technical info > A501

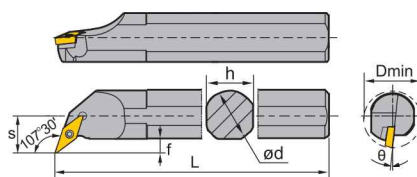
Cutting data > A366

VB steel boring bar S-Clamping**

SVQBR/L Kr: 107°30'



Right hand style



Article	*	Stock		Dimensions [mm]								Inserts
		R	L	ød	L	h	s	e	f	D _{min}	θ	
S32R-SVQBR/L16	●	●	32	200	30	22	56	8.4	40	-8	VB**1604**	
S32U-SVQBR/L16	●	●	32	350	30	22	56	8.4	40	-8	VB**1604**	
S40V-SVQBR/L16	●	●	40	400	37	27	64	9.4	50	-8	VB**1604**	
A32S-SVQBR/L16	* ○	○	32	250	31	22	56	8.4	40	-8	VB**1604**	

● Ex stock ○ On demand

* With internal cooling

Spare parts

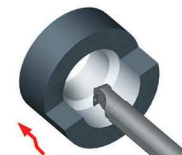
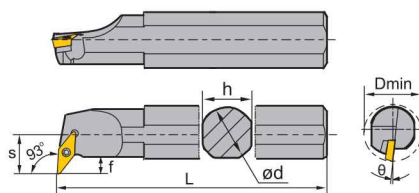
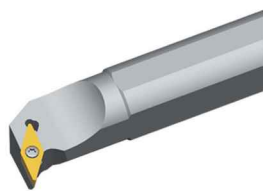
	Insert ød	VB**1604** 32-40
	Screw	I60M3.5×12 (2.7 Nm)
	Screw (shim)	SM5×8.65XA
	Shim	V16BS
	Wrench (screw)	WT15IP
	Wrench (shim)	WH35L

Insert

Finishing A148	Medium Cut A151	Roughing A152	PCBN/PCD A191

VB** steel boring bar S-Clamping

SVUBR/L Kr: 93°



Right hand style

Article	*	Stock		Dimensions [mm]								Inserts
		R	L	ød	L	h	s	e	f	D _{min}	θ	
S32R-SVUBR/L16		●	○	32	200	30	22	49	8.4	40	-8	VB**1604**
S32U-SVUBR/L16		●	●	32	350	30	22	49	8.4	40	-8	VB**1604**
S40S-SVUBR/L16		●	○	40	250	37	27	56.5	9.4	50	-8	VB**1604**
S40V-SVUBR/L16		●	●	40	400	37	27	56.5	9.4	50	-8	VB**1604**
A32S-SVUBR/L16	*	●	●	32	250	31	22	49	8.4	40	-8	VB**1604**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert ød	VB**1604** 32-40
	Screw	I60M3.5×12 (2.7 Nm)
	Screw (shim)	SM5×8.65XA
	Shim	V16BS
	Wrench (screw)	WT15IP
	Wrench (shim)	WH35L

Insert

Finishing A148	Medium Cut A151	Roughing A152	PCBN/PCD A191

System code > A322

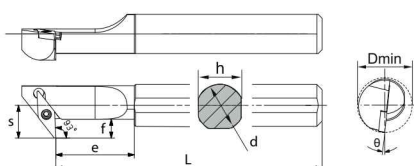
Grade selection > A42

Technical info > A501

Cutting data > A366

VB steel boring bar S-Clamping**

SVXBR/L Kr: 93°



Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	f	D _{min}	
S16P-SVXBR/L1102-KR93	○	○	16	170	15	12.5	30	72	21	-8	VB**1102**
S16P-SVXBR/L11-KR93	○	○	16	170	15	12.5	30	72	21	-8	VB**1103**
S20R-SVXBR/L11-KR93	○	○	20	187	20	13	22	5.7	25	-8	VB**1103**
S25S-SVXBR/L16-KR93	○	○	25	235	25	19	26	10.2	32	-8	VB**1604**
S32T-SVXBR/L16-KR93	○	○	32	280	32	22	80	11.7	40	-8	VB**1604**
S40M-SVXBR/L16-KR93	○	○	40	130	40	27	40	14.3	50	-8	VB**1604**
S40U-SVXBR/L16-KR93	○	○	40	330	40	27	90	14.3	50	-8	VB**1604**

- Ex stock ○ On demand
- * With internal cooling

Spare parts

	Insert ød	VB**1102**	VB**1103**	VB**1604**
		16-20	16-20	25-40
	Screw	I60M2.5x6.5 (1.0 Nm)	I60M2.5x6.5 (1.0 Nm)	I60M3.5x12 (2.7 Nm)
	Screw (shim)			SM5x8.65XA (4.0 Nm)
	Shim			V16BS
	Wrench (screw)			WT15IP
	Wrench (shim)			WH35L
	Wrench	WT07IP	WT07IP	WT15IP

Insert

Finishing A148	Medium Cut A151	Roughing A152	PCBN/PCD A191

System code > A322

Grade selection > A42

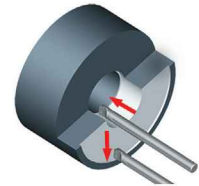
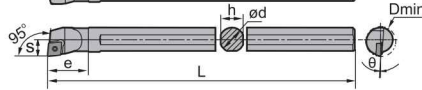
Technical info > A501

Cutting data > A366



CP** steel boring bar S-Clamping

SCLPR/L Kr: 95°



Right hand style

Article	Stock		Dimensions [mm]							Inserts
	R	L	ød	L	h	s	e	D _{min}	θ	
S10K-SCLPR/L06	●	●	10	125	9	6	17	12	-7	CP**0602**
S12M-SCLPR/L06	●	●	12	150	11	8	20	16	-4	CP**0602**
S16Q-SCLPR/L09	●	●	16	180	15	10	29	20	-4	CP**09T3**
S20R-SCLPR/L09	○	○	20	200	18	13	35	25	-4	CP**09T3**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	CP**0602**	CP**09T3**
	ød	10-12	20-25
	Screw	I60M2.5×5.5 (1.0 Nm)	I60M3.5×8 (2.7 Nm)
	Wrench (screw)	WT07IP	WT15IP

Insert

Finishing	Medium Cut	Cast Iron
A124	A124	A124

System code > A322

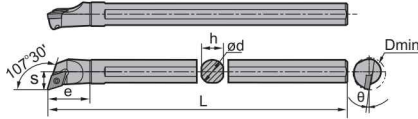
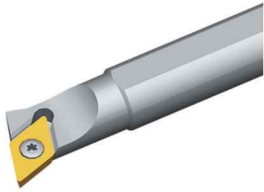
Grade selection > A42

Technical info > A501


Cutting data > A366

DP steel boring bar** **S-Clamping**

SDQPR/L Kr: 107°30'





Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S10K-SDQPR/L07	●	●	10	125	9	7	20	13	-8	DP**0702**	
S12M-SDQPR/L07	●	●	12	150	11	9	22	16	-8	DP**0702**	
S16Q-SDQPR/L07	●	●	16	180	15	11	27	20	-6	DP**0702**	
S16Q-SDQPR/L11	●	●	16	180	15	11	32	20	-6	DP**11T3**	
S20R-SDQPR/L11	○	○	20	200	18	13	33	25	-6	DP**11T3**	

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	DP**0702**	DP**0702**	DP**11T3**
	ød	10-12	16	16-20
 Screw		I60M2.5×5.5 (1.0 Nm)	I60M2.5×6.5 (1.0 Nm)	I60M3.5×8 (2.7 Nm)
 Wrench (screw)		WT07IP	WT07IP	WT15IP

Insert



Finishing

A131

System code > A322

Grade selection > A42

Technical info > A501

Cutting data > A366



A

Turning

B

Milling

C

Drilling

D

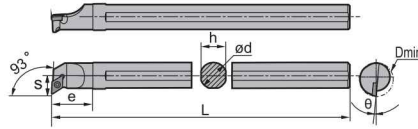
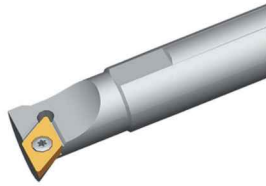
Technical Information

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DP** steel boring bar S-Clamping

SDUPR/L Kr: 93°





Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S10K-SDUPR/L07	●	●	10	125	9	9	18	15	-8	DP**0702**	
S12M-SDUPR/L07	●	●	12	150	11	9	19	16	-8	DP**0702**	
S16Q-SDUPR/L07	●	●	16	180	15	11	25	20	-6	DP**0702**	

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	DP**0702**	DP**0702**
	ød	10-12	16
	Screw	I60M2.5×5.5 (1.0 Nm)	I60M2.5×6.5 (1.0 Nm)
	Wrench (screw)	WT07IP	WT07IP

Insert



Finishing

A131

System code > A322

Grade selection > A42

Technical info > A501

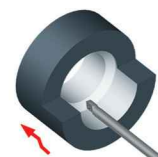
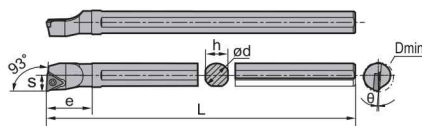
Cutting data > A366


TP steel boring bar S-Clamping**

STUPR/L Kr: 93°





Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ød	L	h	s	e	D _{min}	θ	
S10K-STUPR/L09	●	●	10	125	9	6	20	12	-6	TP**0902**	
S12M-STUPR/L09	●	●	12	150	11	8	22	16	-4	TP**0902**	
S12M-STUPR/L11	●	●	12	150	11	8	25	16	-4	TP**1103**	
S16Q-STUPR/L11	●	●	16	180	15	10	27	20	-3	TP**1103**	

● Ex stock ○ On demand

* With internal cooling

Spare parts			
	Insert	TP**0902**	TP**1103**
	ød	10-12	12-16
	Screw	I60M2.2x5.5 (0.8 Nm)	I60M2.5x6.5 (1.0 Nm)
	Wrench	WT07IP	WT07IP

Insert



Finishing

A147

System code > A322

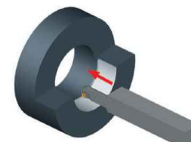
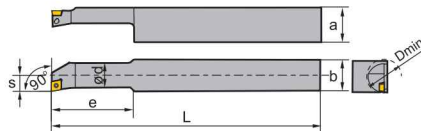
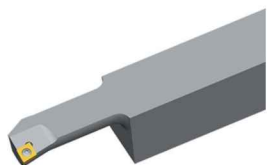
Grade selection > A42


Technical info > A501

Cutting data > A366

CC** steel boring bar S-Clamping

SCFCR/L Kr: 90°





Article	*	Stock		Dimensions [mm]						Inserts	
		R	L	ød	a	b	L	s	e	D _{min}	
S10M-SCFCR/L06S25		●	○	10	27	25	150	7	30	13	CC**0602**
S12P-SCFCR/L06S25		●		12	27	25	170	9	35	16	CC**0602**
S16Q-SCFCR/L09S25		●	○	16	27	25	180	11	40	20	CC**09T3**
S20R-SCFCR/L09S25		●		20	27	25	200	13	45	25	CC**09T3**
S25R-SCFCR/L12S25		●	●	25	27	25	200	17	50	32	CC**1204**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert ød	CC**0602** 10-12	CC**09T3** 16-20	CC**1204** 25
	Screw	I60M2.5×5.5 (1.0 Nm)	I60M3.5×8 (2.7 Nm)	I60M4×12 (3.4 Nm)
	Wrench	WT07IP	WT15IP	WT20IP

Insert

					
Finishing A116	Medium Cut A119	Roughing A121	Alum Machining A122	Cast Iron A121	PCBN/PCD A180

System code > A322

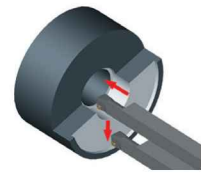
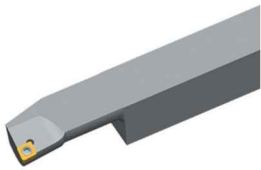
Grade selection > A42

Technical info > A501

Cutting data > A366

CC steel boring bar S-Clamping**

SCLCR Kr: 95°



Article	*	Stock	Dimensions [mm]							Inserts
			ød	a	b	L	s	e	D _{min}	
S10M-SCLCR06S20		○	10	22	20	150	7	30	13	CC**0602**
S12P-SCLCR06S20		○	12	22	20	170	9	35	16	CC**0602**
S16Q-SCLCR09S20		●	16	22	20	180	11	40	20	CC**09T3**
S20R-SCLCR09S20		●	20	22	20	200	13	60	25	CC**09T3**

● Ex stock ○ On demand

* With internal cooling

Spare parts			
	Insert	CC**0602**	CC**09T3**
	ød	10-12	16-20
	Screw	I60M2.5x5.5 (1.0 Nm)	I60M3.5x8 (2.7 Nm)
	Wrench	WT07IP	WT15IP

Insert					
Finishing	Medium Cut	Roughing	Alum Machining	Cast Iron	PCBN/PCD
A116	A119	A121	A122	A121	A180

System code > A322

Grade selection > A42

Technical info > A501

Cutting data > A366



A

Turning

B

Milling

C

Drilling

D

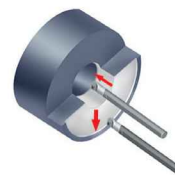
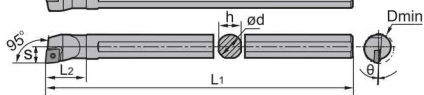
Technical Information

E

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CP** solid carbide boring bar S-Clamping

SCLPR/L Kr: 95°



Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	θ	
C10M-SCLPR/L06	•	•	12	10	9	6	150	17	7	CP**0602**	
C12Q-SCLPR/L06	•	○	16	12	11	8	180	20	4	CP**0602**	
C16R-SCLPR/L09	•	•	20	16	15	10	200	29	4	CP**09T3**	
E16R-SCLPR/L09	*	○	19	16	15.5	10	200	-	-2	CP**09T3**	
C20S-SCLPR/L09	•	○	25	20	18	13	250	35	4	CP**09T3**	
E20S-SCLPR/L09	*	○	24	20	19.5	13	250	-	-2	CP**09T3**	

• Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	CP**0602**	CP**09T3**
	ød	10-12	16-20
	Screw	I60M2.5×5.5 (1.0 Nm)	I60M3.5×10 (2.7 Nm)
	Wrench (screw)	WT07IP	WT15IP

Insert

Finishing	Medium Cut	Cast Iron
A124	A124	A124

System code > A322

Grade selection > A42

Technical info > A501

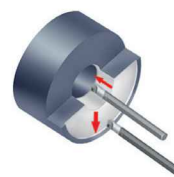
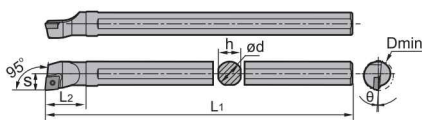
Cutting data > A366

CC solid carbide boring bar** S-Clamping

SCLCR/L Kr: 95°



Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	θ	
E08K-SCLCR/L06-09	*	●	●	9	8	7.5	5	125	-	-12	CC**0602**
E08K-SCLCR/L06-10	*	●	●	10	8	7.5	6	125	-	-12	CC**0602**
E10M-SCLCR/L06	*	●	●	12	10	9.5	7	150	-	-10	CC**0602**
E12Q-SCLCR/L06	*	●	●	15	12	11.5	9	180	-	-10	CC**0602**
E16R-SCLCR/L06	*	●	●	18	16	15.5	10	200	-	-8	CC**0602**
E12Q-SCLCR/L09	*	●	●	15	12	11.5	9	180	-	-9	CC**09T3**
E16R-SCLCR/L09	*	●	●	18	16	15.5	10	200	-	-10	CC**09T3**
E20S-SCLCR/L09	*	●	●	24	20	19.5	13	250	-	-8	CC**09T3**
E25T-SCLCR/L09	*	●	●	31	25	24	17	300	-	-6	CC**09T3**

● Ex stock ○ On demand

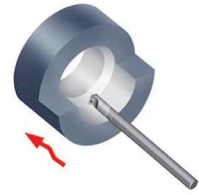
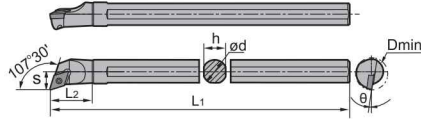
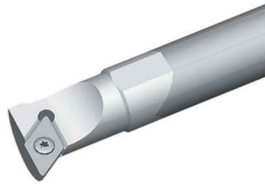
* With internal cooling

Spare parts				
	Insert	CC**0602**	CC**09T3**	CC**09T3**
	ød	8-16	12	16-25
	Screw	I60M2.5x5.5 (1.0 Nm)	I60M3.5x8 (2.7 Nm)	I60M3.5x10 (2.7 Nm)
	Wrench (screw)	WT07IP	WT15IP	WT15IP


Insert					
Finishing	Medium Cut	Roughing	Alum Machining	Cast Iron	PCBN/PCD
A116	A119	A121	A122	A121	A180

DP** solid carbide boring bar S-Clamping

SDQPR/L Kr: 107°30'





Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	θ	
C10M-SDQPR/L07	●	●	13	10	9	7	150	20	8	DP**0702	
C12Q-SDQPR/L07	○	●	16	12	11	9	180	22	8	DP**0702	
C16R-SDQPR/L07	○	○	20	16	15	11	200	27	6	DP**0702	
C16R-SDQPR/L11	○	○	20	16	15	11	200	32	6	DP**11T3**	
C20S-SDQPR/L11	●	○	25	20	18	13	250	33	6	DP**11T3**	

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	DP**0702	DP**0702	DP**11T3**
	ød	10-12	16	16-20
	Screw	I60M2.5×5.5 (1.0 Nm)	I60M2.5×6.5 (1.0 Nm)	I60M3.5×8 (2.7 Nm)
	Wrench (screw)	WT07IP	WT07IP	WT15IP

Insert



Finishing

A131

A

Turning

B

Milling

C

Drilling

D

Technical Information

E

Index

System code > A322

Grade selection > A42

Technical info > A501

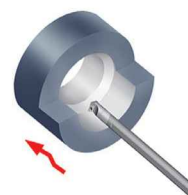
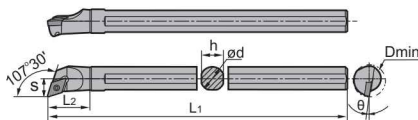
Cutting data > A366

DC solid carbide boring bar** S-Clamping

SDQCR/L Kr: 107°30'



Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	θ	
E08K-SDQCR/L07	*	●	●	11	8	7.5	6.5	125	-	-12	DC**0702**
E10M-SDQCR/L07	*	●	●	12	10	9.5	7	150	-	-10	DC**0702**
E12Q-SDQCR/L07	*	●	●	15	12	11.5	9	180	-	-10	DC**0702**
E16R-SDQCR/L07	*	●	○	18	16	15.5	10	200	27-	-6	DC**0702**
E20S-SDQCR/L07	*	●	○	24	20	19.5	13	250	33-	-4	DC**0702**
E16R-SDQCR/L11	*	●	●	18	16	15.5	10	200	-	-8	DC**11T3**
E20S-SDQCR/L11	*	●	○	24	20	19.5	13	250	-	-8	DC**11T3**
E25T-SDQCR/L11	*	●	○	31	25	24	17	300	-	-6	DC**11T3**

● Ex stock ○ On demand

* With internal cooling

Spare parts

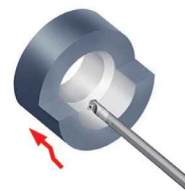
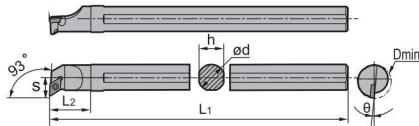
	Insert	DC**0702**	DC**11T3**
	ød	8-20	16-25
	Screw	I60M2.5x5.5 (1.0 Nm)	I60M3.5x10 (2.7 Nm)
	Wrench (screw)	WT07IP	WT15IP

Insert


Finishing	Medium Cut	Roughing	Alum Machining	Cast Iron	PCBN/PCD
A126	A127	A129	A129	A129	A184

DP** solid carbide boring bar S-Clamping

SDUPR/L Kr: 93°





Right hand style

Article	Stock		Dimensions [mm]							Inserts
	R	L	ØD	ød	h	s	L ₁	L ₂	θ	
C10M-SDUPR/L07	●	●	15	10	9	9	150	18	8	DP**0702**
C12Q-SDUPR/L07	●	○	16	12	11	9	180	19	8	DP**0702**
C16R-SDUPR/L07	○	○	20	16	15	11	200	25	6	DP**0702**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	DP**0702**
	ød	15-20
	Screw	I60M2.5×5.5 (1.0 Nm)
	Wrench	WT07IP

Insert



Finishing

A131

System code > A322

Grade selection > A42

Technical info > A501

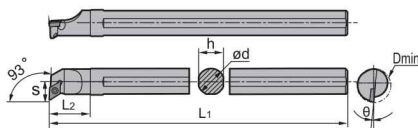
Cutting data > A366

DC solid carbide boring bar** S-Clamping

SDUCR/L Kr: 93°



Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	θ	
E10M-SDUCR/L07	*	●	○	12	10	9.5	7	150	-	-10	DC**0702**
E12Q-SDUCR/L07	*	●	●	15	12	11.5	9	180	-	-10	DC**0702**
E16R-SDUCR/L07	*	●	○	18	16	15.5	10	200	-	-6	DC**0702**
E20S-SDUCR/L07	*	○	○	24	20	19.5	13	250	-	-4	DC**0702**
E16R-SDUCR/L11	*	●	○	18	16	15.5	10	200	-	-8	DC**11T3**
E20S-SDUCR/L11	*	●	●	24	20	19.5	13	250	-	-8	DC**11T3**
E25T-SDUCR/L11	*	○	○	31	25	24	17	300	-	-6	DC**11T3**

● Ex stock ○ On demand

* With internal cooling

Spare parts			
	Insert	DC**0702**	DC**11T3**
	ød	10-20	16-25
	Screw	I60M2.5x5.5 (1.0 Nm)	I60M3.5x10 (2.7 Nm)
	Wrench (screw)	WT07IP	WT15IP

Insert					
Finishing A126	Medium Cut A127	Roughing A129	Alum Machining A129	Cast Iron A129	PCBN/PCD A184

System code > A322

Grade selection > A42

Technical info > A501

Cutting data > A366



A

Turning

B

Milling

C

Drilling

D

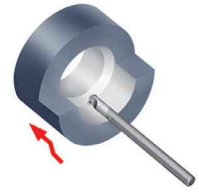
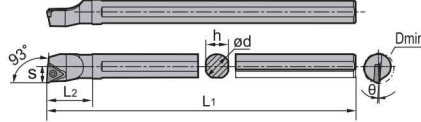
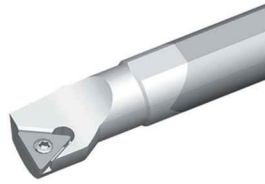
Technical Information

E


Index

TP** solid carbide boring bar S-Clamping

STUPR/L Kr: 93°





Right hand style

Article	Stock		Dimensions [mm]							Inserts
	R	L	ØD	ød	h	s	L ₁	L ₂	θ	
C10M-STUPR/L09	○	○	12	10	9	6	150	20	6	TP**0902**
C12Q-STUPR/L09	●		16	12	11	8	180	22	4	TP**0902**
C12Q-STUPR/L11	●		16	12	11	8	180	25	4	TP**1103
C16R-STUPR/L11	○	○	20	16	15	10	200	27	3	TP**1103

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	TP**0902**	TP**1103
		10-12	12-16
	Screw	I60M2.2×5.5 (0.8 Nm)	I60M2.5×6.5 (1.0 Nm)
	Wrench (screw)	WT07IP	WT07IP

Insert



Finishing

A147

A

Turning

B

Milling

C

Drilling

D

Technical Information

E

Index

System code > A322

Grade selection > A42

Technical info > A501

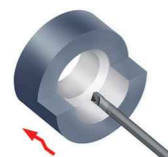
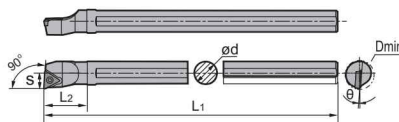
Cutting data > A366

TC solid carbide boring bar** S-Clamping

STFCR/L Kr: 90°



Right hand style



Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	θ	
E08K-STFCR/L09	*	○	●	11	8	7.5	6	125	-	-12	TC**0902**
E10M-STFCR/L09	*	○	○	12	10	9.5	7	150	-	-10	TC**0902**
E12Q-STFCR/L11	*	○	○	15	12	11.5	9	180	-	-10	TC**1102**
E16R-STFCR/L11	*	○	○	18	16	15.5	10	200	-	-8	TC**1102**
E20S-STFCR/L11	*	○	○	24	20	19.5	13	250	-	-8	TC**1102**
E20S-STFCR/L16	*	○	○	24	20	19.5	13	250	-	-8	TC**16T3**
E25T-STFCR/L16	*	○	○	31	25	24	17	300	-	-6	TC**16T3**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	TC**0902**	TC**1102**	TC**16T3**
		8-10	12-20	20-25
	Screw	I60M2.2x5.5 (0.8 Nm)	I60M2.5x5.5 (1.0 Nm)	I60M3.5x10 (2.7 Nm)
	Wrench (screw)	WT07IP	WT07IP	WT15IP

Insert

Finishing A141	Medium Cut A142	Roughing A143	Alum Machining A145	Cast Iron A143	PCBN/PCD A187

System code > A322

Grade selection > A42

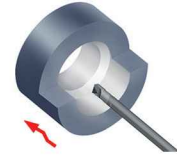
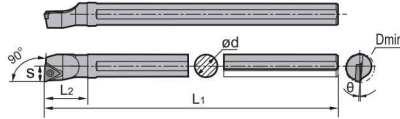
Technical info > A501

Cutting data > A366




TC** solid carbide boring bar **S-Clamping**

STFPR/L Kr: 90°





Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	θ	
E10M-STFPR/L11	*	○	○	12	10	9.5	6	150	-	-5	TP**1103**
E12Q-STFPR/L11	*	○	○	15	12	11.5	8	180	-	-4	TP**1103**
E16R-STFPR/L11	*	○	○	19	16	15.5	10	200	-	-2	TP**1103**
E20S-STFPR/L11	*	○	○	24	20	19	13	250	-	-2	TP**1103**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	TP**1103**
		10-20
	Screw	I60M3.0×7.0 (1.8 Nm)
	Wrench (screw)	WT08IP

Insert



Finishing

A147

A

Turning

B

Milling

C

Drilling

D

Technical Information

E

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System code > A322

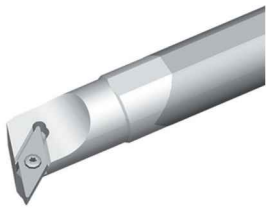
Grade selection > A42

Technical info > A501

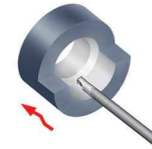
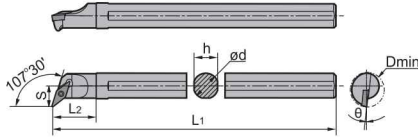
Cutting data > A366

VC solid carbide boring bar** S-Clamping

SVQCR/L Kr: 107°30'



Right hand style



Article	*	Stock		Dimensions [mm]						Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	
C16R-SVQCR/L11	○	○	22	16	15	13	200	28	-6	VC**1103**
C20S-SVQCR/L11	○	○	26	20	18	15	250	32	-4	VC**1103**

● Ex stock ○ On demand

* With internal cooling

Spare parts

	Insert	VC**1103**
		16-20
	Screw	I60M2.5×6.5 (1.0 Nm)
	Wrench (screw)	WT07IP

Insert

Finishing	Alum Machining	PCBN/PCD
A156	A154	A193

System code > A322

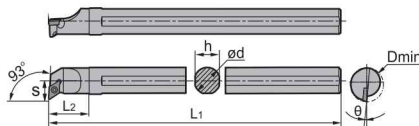
Grade selection > A42

Technical info > A501

Cutting data > A366

VC** solid carbide boring bar S-Clamping

SVUCR/L Kr: 93°



Right hand style

Article	*	Stock		Dimensions [mm]							Inserts
		R	L	ØD	ød	h	s	L ₁	L ₂	θ	
C16R-SVUCR/L11		○		24	16	15	15	200	25	6	VC**1103**
E16R-SVUCR/L11	*	○	○	22	16	15	13	200	-	-6.5	VC**1103**
C20S-SVUCR/L11		●	●	28	20	18	17	250	30	4	VC**1103**
E20S-SVUCR/L11	*	○	○	27	20	18	13	250	-	-6.5	VC**1103**
E25T-SVUCR/L16	*	○	○	35	25	23	20.5	300	-	-6.5	VC**1604**

● Ex stock ○ On demand

* With internal cooling

Spare parts

Insert		VC**1103**	VC**1604**
		16-20	25
	Screw	I60M2.5×6.5 (1.0 Nm)	I60M3.5×10 (2.7 Nm)
	Wrench (screw)	WT07IP	WT15IP

Insert

Finishing	Medium Cut	Alum Machining	PCBN/PCD
A156	A156	A154	A193

System code > A322

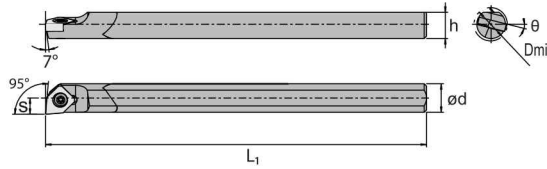
Grade selection > A42


Technical info > A501

Cutting data > A366

ZNEX solid carbide boring bar S clamping

SZLNR Kr: 95°



Article	*	Stock		Dimensions [mm]						Insert	
		R	L	D _{min}	ød	h	s	L ₁	L ₂	θ	
C06X-SZLNR04	●			7	6	5,5	3,4	80	-	-14	ZNEX0401**

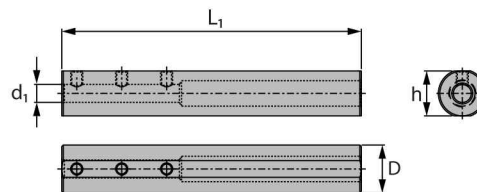
● Ex stock ○ On demand

* With internal cooling

Spare parts		
	Insert	ZNEX0401**
	ød	6
	Screw	I60M2x3,7 (0,5 Nm)
	Wrench (Screw)	WT06IP

C06X holder**



SZLNR Kr: 95°



Article	Stock	Dimensions [mm]			
		D	d ₁	L ₁	h
SHSZ1600.06.100	●	16	6	100	15

● Ex stock ○ On demand

* With internal cooling

Spare parts		
	Screw	M4x5SH
	Wrench (Screw)	WH20L

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