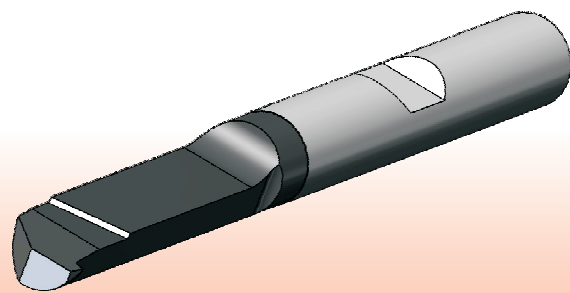
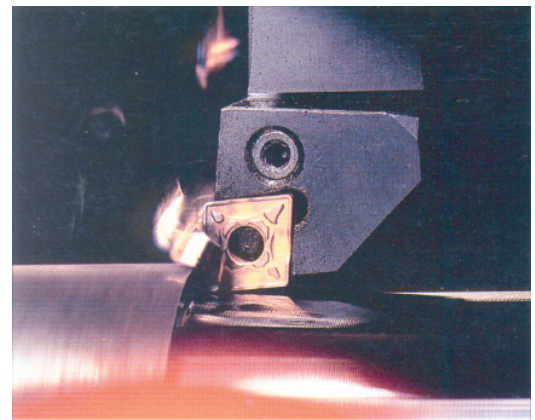




# HEAD-Master®



**TURNING**

**DREHWERKZEUGE**

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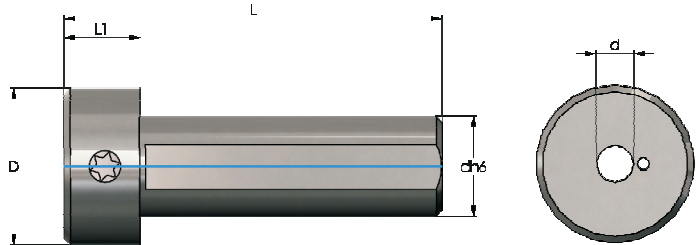
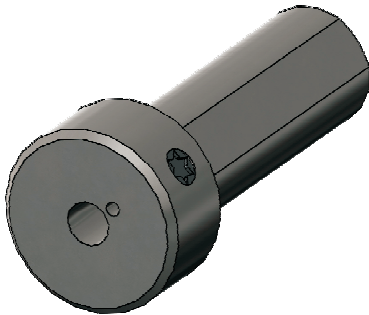
## VHM-Microfeinbohrstangen ab 1mm Solid carbide micro turning up 1mm

### Ausführung:

- Adapter für Microfeinbohrstangen
- Maximale Kühlung durch ausgelegtem Kühlkanal
- Exakte Fixierung und Verdrehsicherung

### Execution:

- Adapter for Micro turning bars
- Maximum cooling by laid-out cooling channel
- Precise fixation and rotation



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					
	dh6	d	D	L	L1	M
7000.6,0-HB	16	6,0	25	60	12	M6

Bestellbeispiel / Orderexample: 7000.6,0-HB

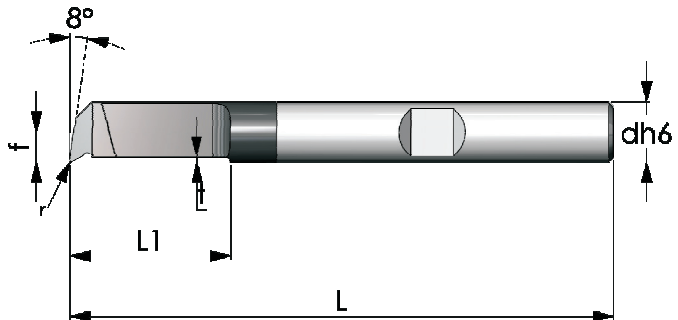
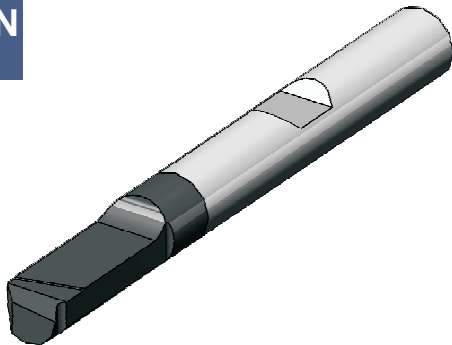
### Ausführung:

- Vollhartmetall - Microfeinbohrstangen
- ALTIM beschichtet

### Execution:

- Solid carbide Micro turning bars
- ALTIM coating

**ALTIM**



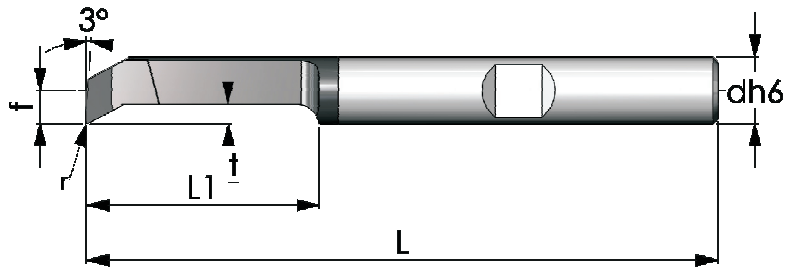
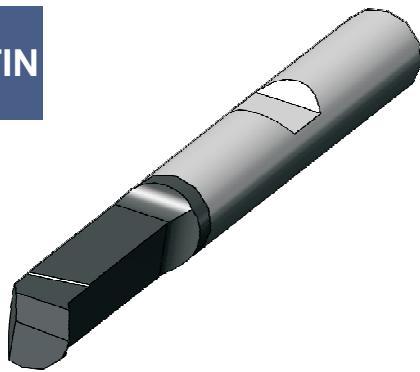
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						
	dh6	Dmin	L	L1	f	r	s
7001.1,0-6 R/L	6	1,0	42	6	0,49	0,1	0,15
7001.1,5-10 R/L	6	1,5	46	10	0,69	0,1	0,15
7001.2,2-10 R/L	6	2,2	46	10	0,95	0,1	0,15
7001.2,2-16 R/L	6	2,2	52	16	0,95	0,1	0,15
7001.3,2-10 R/L	6	3,2	46	10	1,45	0,15	0,15
7001.3,2-16 R/L	6	3,2	52	16	1,45	0,15	0,15
7001.3,2-21 R/L	6	3,2	57	21	1,45	0,15	0,15
7001.4,2-10 R/L	6	4,2	46	10	1,95	0,15	0,3
7001.4,2-16 R/L	6	4,2	52	16	1,95	0,15	0,3
7001.4,2-21 R/L	6	4,2	57	21	1,95	0,15	0,3
7001.4,2-26 R/L	6	4,2	62	26	1,95	0,15	0,3
7001.5,2-10 R/L	6	5,2	46	10	2,45	0,2	0,5
7001.5,2-16 R/L	6	5,2	52	16	2,45	0,2	0,5
7001.5,2-21 R/L	6	5,2	57	21	2,45	0,2	0,5
7001.5,2-26 R/L	6	5,2	62	26	2,45	0,2	0,5
7001.5,2-30 R/L	6	5,2	66	30	2,45	0,2	0,5
7001.5,2-35 R/L	6	5,2	71	35	2,45	0,2	0,5
7001.6,2-16 R/L	6	6,2	52	16	2,95	0,2	0,5
7001.6,2-21 R/L	6	6,2	57	21	2,95	0,2	0,5
7001.6,2-26 R/L	6	6,2	62	26	2,95	0,2	0,5
7001.6,2-30 R/L	6	6,2	66	30	2,95	0,2	0,5
7001.6,2-35 R/L	6	6,2	71	35	2,95	0,2	0,5
7001.6,2-40 R/L	6	6,2	76	40	2,95	0,2	0,5

Bestellbeispiel / Orderexample: 7001.1,0-6 R

Ausführung:  
 - Vollhartmetall - Microfeinbohrstangen  
 - ALTIN beschichtet

Execution:  
 - Solid carbide Micro turning bars  
 - ALTIN coating

**ALTIN**



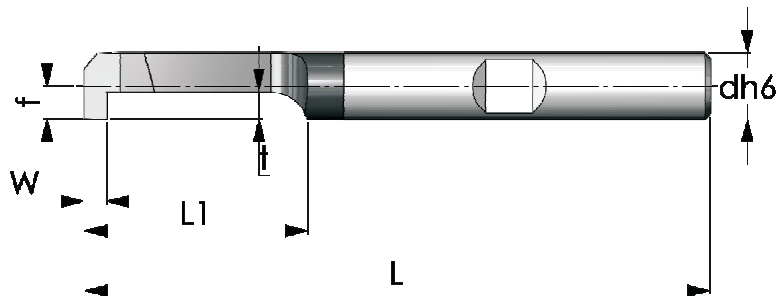
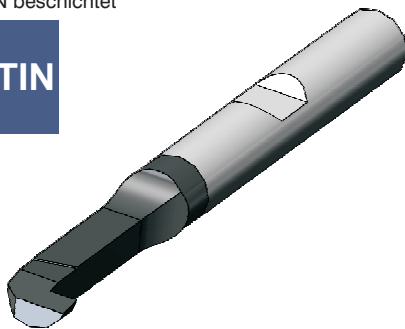
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						
	dh6	Dmin	L	L1	f	r	s
7002.4,2-10 R/L	6	4,2	46	10	1,95	0,15	0,75
7002.4,2-16 R/L	6	4,2	52	16	1,95	0,15	0,75
7002.4,2-21 R/L	6	4,2	57	21	1,95	0,15	0,75
7002.5,2-16 R/L	6	5,2	52	16	2,45	0,20	1,25
7002.5,2-21 R/L	6	5,2	57	21	2,45	0,20	1,25
7002.6,2-16 R/L	6	6,2	52	16	2,95	0,20	1,75
7002.6,2-21 R/L	6	6,2	57	21	2,95	0,20	1,75
7002.6,2-30 R/L	6	6,2	66	30	2,95	0,20	1,75

Bestellbeispiel / Orderexample: 7002.4,2-10 R

Ausführung:  
 - Vollhartmetall - Microfeinbohrstangen  
 - ALTIN beschichtet

Execution:  
 - Solid carbide Micro turning bars  
 - ALTIN coating

**ALTIN**



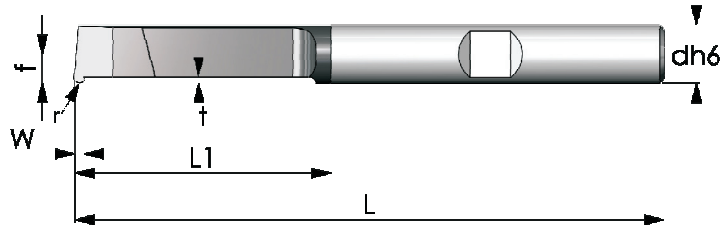
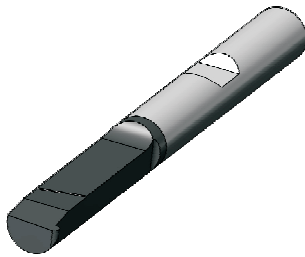
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						
	dh6	Dmin	W	L	L1	f	t
7003.4,2/1-10 R/L	6	4,2	1,0	46	10	2,0	0,8
7003.4,2/1-15 R/L	6	4,2	1,0	51	15	2,0	0,8
7003.4,2/1-20 R/L	6	4,2	1,0	56	20	2,0	0,8
7003.5,2/1-10 R/L	6	5,2	1,0	46	10	2,5	1,0
7003.5,2/1-15 R/L	6	5,2	1,0	51	15	2,5	1,0
7003.5,2/1-20 R/L	6	5,2	1,0	56	20	2,5	1,0
7003.5,2/1,5-10 R/L	6	5,2	1,5	46	10	2,5	1,0
7003.5,2/1,5-15 R/L	6	5,2	1,5	51	15	2,5	1,0
7003.5,2/1,5-20 R/L	6	5,2	1,5	56	20	2,5	1,0
7003.5,2/2-10 R/L	6	5,2	2,0	46	10	2,5	1,0
7003.5,2/2-15 R/L	6	5,2	2,0	51	15	2,5	1,0
7003.5,2/2-20 R/L	6	5,2	2,0	56	20	2,5	1,0
7003.6,2/1-10 R/L	6	6,2	1,0	46	10	3,0	1,8
7003.6,2/1-15 R/L	6	6,2	1,0	51	15	3,0	1,8
7003.6,2/1-20 R/L	6	6,2	1,0	56	20	3,0	1,8
7003.6,2/1,5-10 R/L	6	6,2	1,5	46	10	3,0	1,8
7003.6,2/1,5-15 R/L	6	6,2	1,5	51	15	3,0	1,8
7003.6,2/1,5-20 R/L	6	6,2	1,5	56	20	3,0	1,8
7003.6,2/2-10 R/L	6	6,2	2,0	46	10	3,0	1,8
7003.6,2/2-15 R/L	6	6,2	2,0	51	15	3,0	1,8
7003.6,2/2-20 R/L	6	6,2	2,0	56	20	3,0	1,8

Bestellbeispiel / Orderexample: 7003.4,2/1-10 R

Ausführung:  
 - Vollhartmetall - Microfeinbohrstangen  
 - ALTIN beschichtet

Execution:  
 - Solid carbide Micro turning bars  
 - ALTIN coating

**ALTIN**



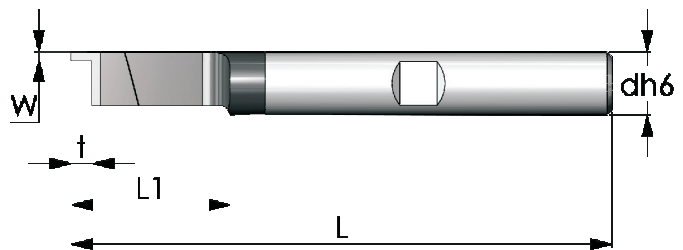
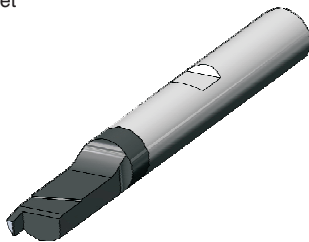
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							
	dh6	Dmin	W	L	L <sub>1</sub>	f	r	t
7004.4,2/1-15 R/L	6	4,2	1,0	51	15	1,95	0,5	0,8
7004.5,2/1-20 R/L	6	5,2	1,0	56	20	2,45	0,5	1,0
7004.5,2/2-20 R/L	6	5,2	2,0	56	20	2,45	1,0	1,0
7004.6,2/1-25 R/L	6	6,2	1,0	61	25	2,95	0,5	1,8
7004.6,2/2-25 R/L	6	6,2	2,0	61	25	2,95	1,0	1,8

Bestellbeispiel / Orderexample: 7004.4,2/1-15 R

Ausführung:  
 - Vollhartmetall - Microfeinbohrstangen  
 - ALTIN beschichtet

Execution:  
 - Solid carbide Micro turning bars  
 - ALTIN coating

**ALTIN**



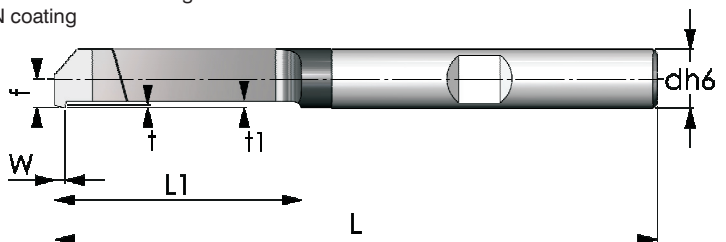
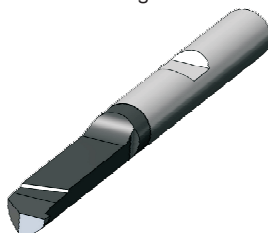
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							
	dh6	Dmin	W	L	L <sub>1</sub>	f	r	t
7005.A.6,2/1-15 R/L	6	6,2	1,0	51	15	2,95	0,1	2,0
7005.A.6,2/1,5-15 R/L	6	6,2	1,5	51	15	2,95	0,1	3,0
7005.A.6,2/2-15 R/L	6	6,2	2,0	51	15	2,95	0,1	4,0
7005.A.6,2/2,5-15 R/L	6	6,2	2,5	51	15	2,95	0,1	5,0
7005.A.6,2/3-15 R/L	6	6,2	3,0	51	15	2,95	0,1	6,0
7005.I.6,2/1-15 R/L	6	6,2	1,0	51	15	2,95	0,1	2,0
7005.I.6,2/1,5-15 R/L	6	6,2	1,5	51	15	2,95	0,1	3,0
7005.I.6,2/2-15 R/L	6	6,2	2,0	51	15	2,95	0,1	4,0
7005.I.6,2/2,5-15 R/L	6	6,2	2,5	51	15	2,95	0,1	5,0
7005.I.6,2/3-15 R/L	6	6,2	3,0	51	15	2,95	0,1	6,0

Bestellbeispiel / Orderexample: 7005.A.6,2/1-15 R

Ausführung:  
 - Vollhartmetall - Microfeinbohrstangen  
 - ALTIN beschichtet

Execution:  
 - Solid carbide Micro turning bars  
 - ALTIN coating

**ALTIN**

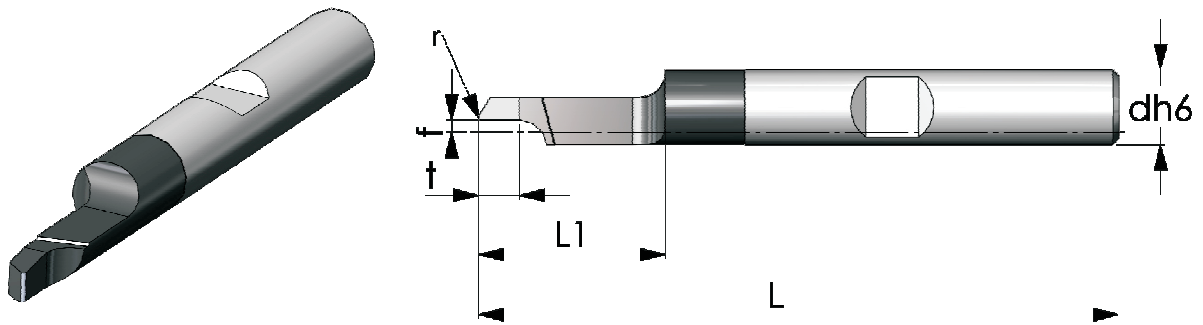


Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							
	dh6	Dmin	W	L	L <sub>1</sub>	f	t1	t
7006.5,2/1-15 R/L	6	5,2	1,0	51	15	2,45	0,3	0,7
7006.5,2/1-20 R/L	6	5,2	1,0	56	20	2,45	0,3	0,7
7006.5,2/1-25 R/L	6	5,2	1,0	51	25	2,45	0,3	0,7
7006.5,2/1-30 R/L	6	5,2	1,0	56	30	2,45	0,3	0,7

Bestellbeispiel / Orderexample: 7006.5,2/1-15 R

Ausführung:  
 - Vollhartmetall - Microfeinbohrstangen  
 - ALTIN beschichtet

Execution:  
 - Solid carbide Micro turning bars  
 - ALTIN coating

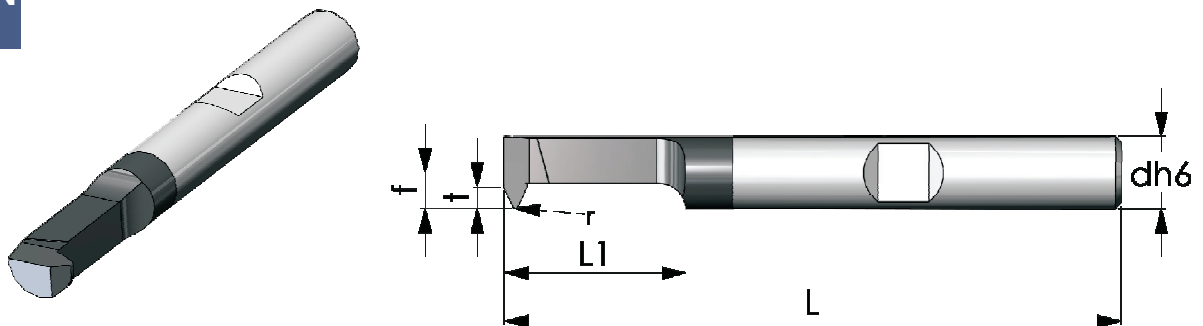


Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						
	dh6	Dmin	L	L <sub>1</sub>	f	r	t
7007.1,0-15 R/L	6	1,0	51	15	0,50	0,2	3,5

Bestellbeispiel / Orderexample: 7007.1,0-15 R

Ausführung:  
 - Vollhartmetall - Microfeinbohrstangen  
 - ALTIN beschichtet

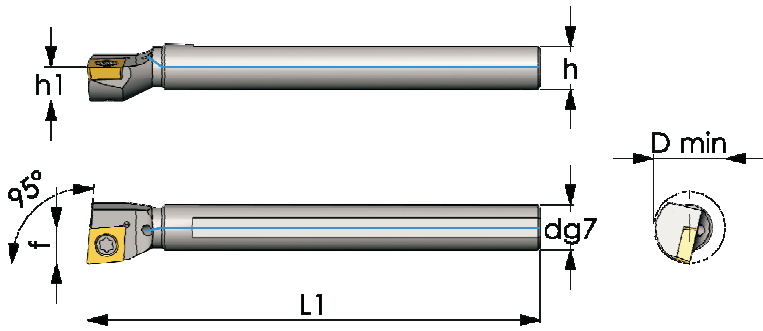
Execution:  
 - Solid carbide Micro turning bars  
 - ALTIN coating



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						
	dh6	Dmin	L	L <sub>1</sub>	f	r	t
7008.4,2-15 R/L	6	4,2	51	15	1,95	0,2	0,75
7008.5,2-20 R/L	6	5,2	56	20	2,45	0,2	0,95
7008.6,2-25 R/L	6	6,2	61	25	2,95	0,2	1,75

Bestellbeispiel / Orderexample: 7008.4,2-15 R

## Bohrstangen mit Innenkühlung 95° Boring bars with coolant 95°



Ausführung:  
- Bohrstange aus speziellem Werkzeugstahl  
- geschliffener Schaft  
- Innenkühlung

Performance:  
- boring-bars made of special tool-steel  
- grinded shaft  
- inner coolant



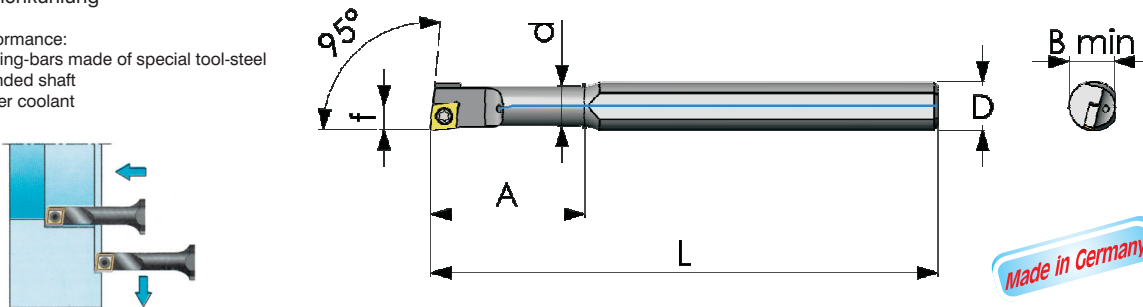
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	dg7	f	L1	h	Dmin			
A 08F SCLCR/L 06	8	6	80	7	12	CCMT-CCGT 0602..	M-VT25	M-BT08
A 10H SCLCR/L 06	10	7	100	9	14			
A 12K SCLCR/L 06	12	9	125	11	18			
A 16M SCLCR/L 09	16	11	150	14	22	CCMT-CCGT 09T3..	M-VT40	M-BT15
A 20Q SCLCR/L 09	20	13	180	18	26			
A 25R SCLCR/L 09	25	17	200	23	34			
A 32S SCLCR/L 12	32	22	250	30	39	CCMT-CCGT 1204..	M-VT41	M-BT20

### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	dg7	f	L1	h	Dmin			
E-A 08F SCLCR/L 06	8	6	80	7	12	CCMT-CCGT 0602..	M-VT25	M-BT08
E-A 10H SCLCR/L 06	10	7	100	9	14			
E-A 12K SCLCR/L 06	12	9	125	11	18			
E-A 16M SCLCR/L 09	16	11	150	14	22	CCMT-CCGT 09T3..	M-VT40	M-BT15
E-A 20Q SCLCR/L 09	20	13	180	18	26			
E-A 25R SCLCR/L 09	25	17	200	23	34			
E-A 32S SCLCR/L 12	32	22	250	30	39	CCMT-CCGT 1204..	M-VT41	M-BT20

Ausführung:  
- Bohrstange aus speziellem Werkzeugstahl  
- geschliffener Schaft  
- Innenkühlung

Performance:  
- boring-bars made of special tool-steel  
- grinded shaft  
- inner coolant



SET M-A-SCLCR/L 06



Bestehend aus / consists of  
A 0608F SCLCR/L 06  
A 0810H SCLCR/L 06  
A 1012K SCLCR/L 06  
A 1216M SCLCR/L 06

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	d	L	F	Bmin	A			
A 0608F SCLCR/L 06	8	6	100	4	8	25	CCMT-CCGT 0602..	M-VT25	M-BT08
A 0810H SCLCR/L 06	10	8	110	6	12	32			
A 1012K SCLCR/L 06	12	10	125	7	14	38			
A 1216M SCLCR/L 06	16	12	150	9	18	50			

### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	d	L	F	Bmin	A			
E-A 0608F SCLCR/L 06	8	6	100	4	8	25	CCMT-CCGT 0602..	M-VT25	M-BT08
E-A 0810H SCLCR/L 06	10	8	110	6	12	32			
E-A 1012K SCLCR/L 06	12	10	125	7	14	38			
E-A 1216M SCLCR/L 06	16	12	150	9	18	50			



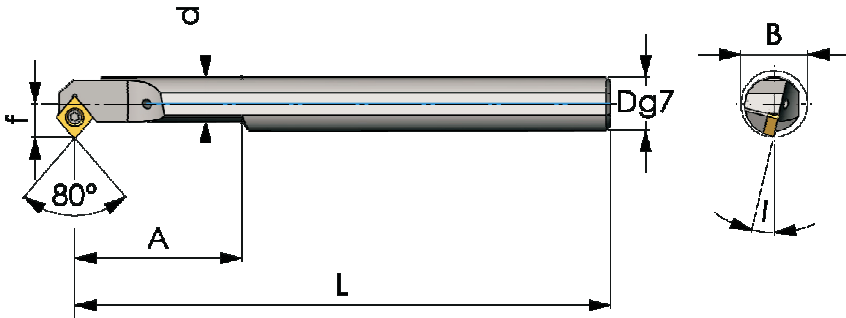
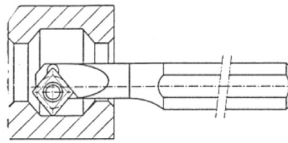
# Bohrstangen mit Innenkühlung Boring bars with coolant

**Ausführung:**

- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

**Performance:**

- boring-bars made of special tool-steel
- grinded shaft
- inner coolant



Made in Germany

**SET M-A-SCMCR/L 06**



Bestehend aus / consists of  
 A 0608H SCMCR/L 06  
 A 0810H SCMCR/L 06  
 A 1012K SCMCR/L 06  
 A 1216M SCMCR/L 06

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	D <sub>g7</sub>	L	A	d	F	B	I			
A 0608H SCMCR/L 06	8	100	20	6	5,5	10,5	15°	CC.T 0602....	M-VT25	M-BT08
A 0810H SCMCR/L 06	10	110	26	8	6,0	11,0	15°			
A 1012K SCMCR/L 06	12	125	32	10	7,0	13,0	13°			
A 1216M SCMCR/L 06	16	150	40	12	9,0	16,0	10°			

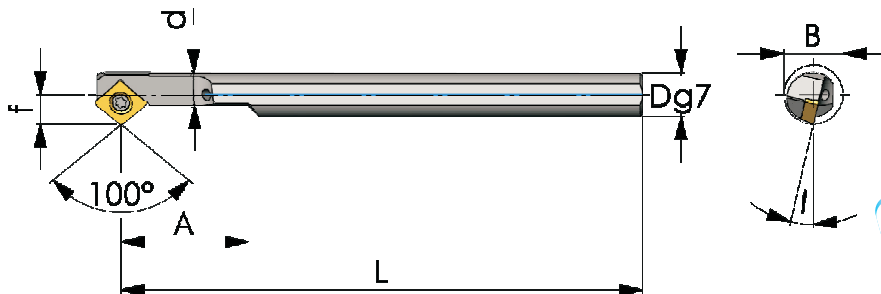
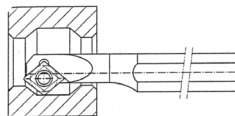
**Vibro-Bohrstangen auf Anfrage  
Vibro-Boring bars on request**

**Ausführung:**

- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

**Performance:**

- boring-bars made of special tool-steel
- grinded shaft
- inner coolant



Made in Germany

**SET M-A-SCXCR/L 06**



Bestehend aus / consists of  
 A 0608H SCXCR/L 06  
 A 0810H SCXCR/L 06  
 A 1012K SCXCR/L 06  
 A 1216M SCXCR/L 06

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	D <sub>g7</sub>	L	A	d	F	B	I			
A 0608H SCXCR/L 06	8	100	20	6	5,0	9,5	15°	CC.T 0602....	M-VT25	M-BT08
A 0810H SCXCR/L 06	10	110	26	8	6,0	11,0	15°			
A 1012K SCXCR/L 06	12	125	32	10	7,0	13,0	13°			
A 1216M SCXCR/L 06	16	150	40	12	9,0	16,0	10°			

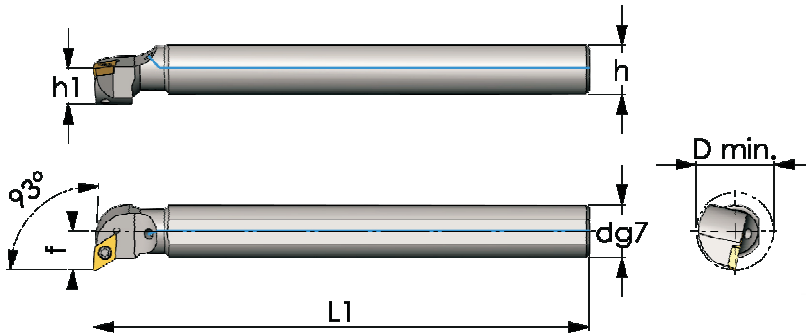
**Vibro-Bohrstangen auf Anfrage  
Vibro-Boring bars on request**

Wendeplatten können Sie in unserem Wendeplattenkatalog einsehen! / Inserts you can see in our insert catalog!

# Bohrstangen mit Innenkühlung

## Boring bars with coolant

93°



Ausführung:  
 - Bohrstange aus speziellem Werkzeugstahl  
 - geschliffener Schaft  
 - Innenkühlung

Performance:  
 - boring-bars made of special tool-steel  
 - grinded shaft  
 - inner coolant



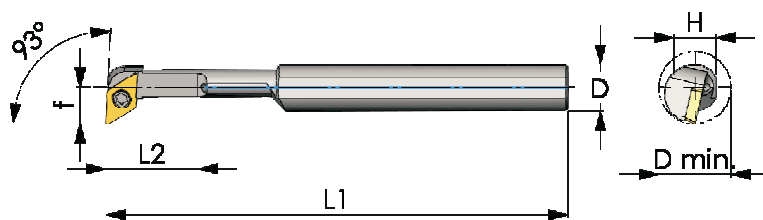
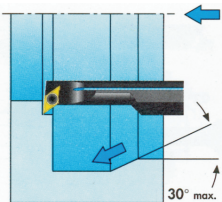
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	dg7	f	L1	h	Dmin			
A 10H SDUCR/L 07	10	8	100	9	13	DCMT-DCGT 0702..	M-VT25	M-BT08
A 12K SDUCR/L 07	12	9	125	11	18			
A 16M SDUCR/L 07	16	11	150	14	22			
A 20Q SDUCR/L 07	20	13	180	18	26			
A 20Q SDUCR/L 11	20	13	180	18	26	DCMT-DCGT 11T3..	M-VT40	M-BT15
A 25R SDUCR/L 11	25	17	200	23	34			
A 32S SDUCR/L 11	32	22	250	30	39			

### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	dg7	f	L1	h	Dmin			
E-A 10H SDUCR/L 07	10	8	100	9	13	DCMT-DCGT 0702..	M-VT25	M-BT08
E-A 12K SDUCR/L 07	12	9	125	11	18			
E-A 16M SDUCR/L 07	16	11	150	14	22			
E-A 20Q SDUCR/L 07	20	13	180	18	26			
E-A 20Q SDUCR/L 11	20	13	180	18	26	DCMT-DCGT 11T3..	M-VT40	M-BT15
E-A 25R SDUCR/L 11	25	17	200	23	34			
E-A 32S SDUCR/L 11	32	22	250	30	39			

Ausführung:  
 - Bohrstange aus speziellem Werkzeugstahl  
 - geschliffener Schaft  
 - Innenkühlung

Performance:  
 - boring-bars made of special tool-steel  
 - grinded shaft  
 - inner coolant



Made in Germany



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	Dg7	L1	L2	F1	F2	Dmin	H			
A 0810H SDUCR/L 07	10	100	22	7	5	12,5	9	DCMT-DCGT 0702..	M-VT25	M-BT08
A 1012K SDUCR/L 07	12	125	28	9	5	15,5	11			
A 1216M SDUCR/L 07	16	150	36	11	5	19,5	15			

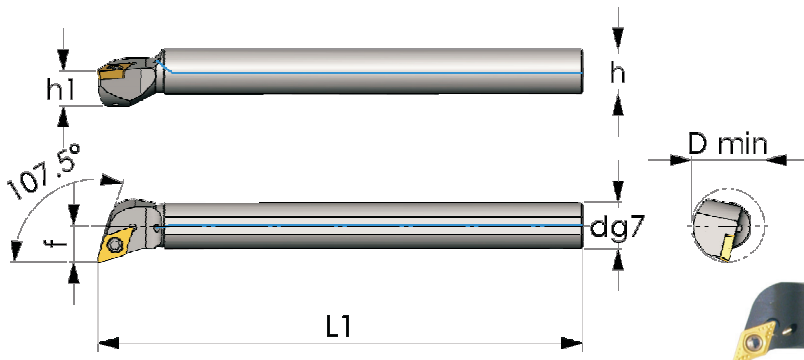
### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	Dg7	L1	L2	F1	F2	Dmin	H			
E-A 0810H SDUCR/L 07	10	100	22	7	5	12,5	9	DCMT-DCGT 0702..	M-VT25	M-BT08
E-A 1012K SDUCR/L 07	12	125	28	9	5	15,5	11			
E-A 1216M SDUCR/L 07	16	150	36	11	5	19,5	15			

# Bohrstangen mit Innenkühlung

## Boring bars with coolant

107,5°



Made in Germany

Ausführung:

- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

Performance:

- boring-bars made of special tool-steel
- grinded shaft
- inner coolant



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	dg7	f	L1	h	Dmin			
A 12K SDQCR/L 07	12	9	125	11	18	DCMT-DCGT 0702..	M-VT25	M-BT08
A 16M SDQCR/L 07	16	11	150	14	22			
A 20Q SDQCR/L 07	20	13	180	18	26			
A 20Q SDQCR/L 11	20	13	180	18	26	DCMT-DCGT 11T3..	M-VT40	M-BT15
A 25R SDQCR/L 11	25	17	200	23	34			
A 32S SDQCR/L 11	32	22	250	30	39			

### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

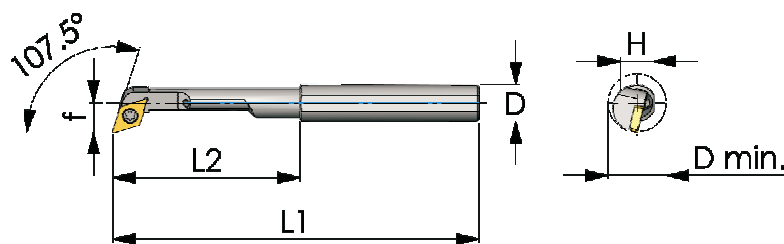
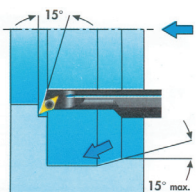
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	dg7	f	L1	h	Dmin			
E-A 12K SDQCR/L 07	12	9	125	11	18	DCMT-DCGT 0702..	M-VT25	M-BT08
E-A 16M SDQCR/L 07	16	11	150	14	22			
E-A 20Q SDQCR/L 07	20	13	180	18	26			
E-A 20Q SDQCR/L 11	20	13	180	18	26	DCMT-DCGT 11T3..	M-VT40	M-BT15
E-A 25R SDQCR/L 11	25	17	200	23	34			
E-A 32S SDQCR/L 11	32	22	250	30	39			

Ausführung:

- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

Performance:

- boring-bars made of special tool-steel
- grinded shaft
- inner coolant



Made in Germany

SET M-A-SDQCR/L 07



Bestehend aus / consists of  
A 0810H SDQCR/L 07  
A 1012K SDQCR/L 07  
A 1216M SDQCR/L 07

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	Dg7	L1	L2	F1	Dmin	H			
A 0810H SDQCR/L 07	10	100	22	7	12,5	9	DCMT-DCGT 0702..	M-VT25	M-BT08
A 1012K SDQCR/L 07	12	125	28	9	15,5	11			
A 1216M SDQCR/L 07	16	150	36	11	19,5	15			

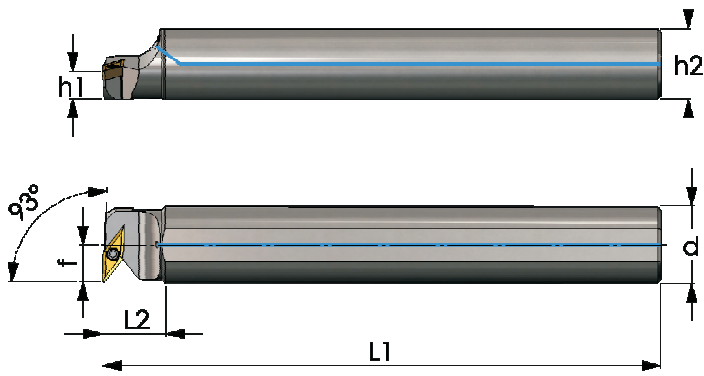
### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	Dg7	L1	L2	F1	Dmin	H			
E-A 0810H SDQCR/L 07	10	100	22	7	12,5	9	DCMT-DCGT 0702..	M-VT25	M-BT08
E-A 1012K SDQCR/L 07	12	125	28	9	15,5	11			
E-A 1216M SDQCR/L 07	16	150	36	11	19,5	15			

# Bohrstangen mit Innenkühlung

## Boring bars with coolant

52°  
93°



Made in Germany



Ausführung:  
- Bohrstange aus speziellem Werkzeugstahl  
- geschliffener Schaft  
- Innenkühlung

Performance:  
- boring-bars made of special tool-steel  
- grinded shaft  
- inner coolant

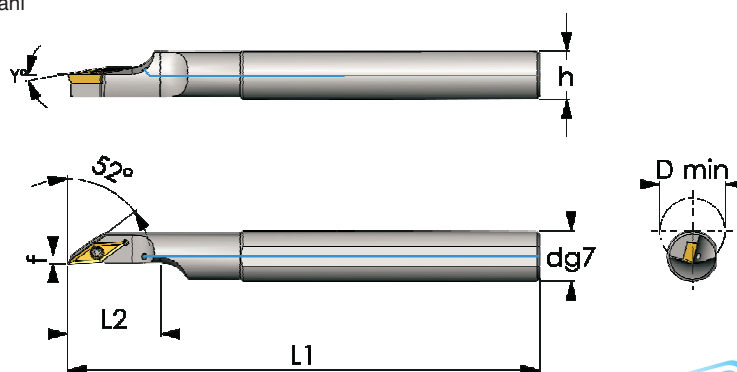
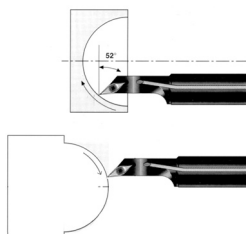
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	d	f	l <sub>1</sub>	l <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	D <sub>min</sub>			
A 16M SVUCR/L 11	16	11	150	16,5	8,0	15,5	21,0	VCMT-VCGT 1103..	M-VT25	M-BT08
A 20Q SVUCR/L 11	20	13	180	20,5	10,0	19,0	25,0			
A 25R SVUCR/L 11	25	17	200	25,5	12,5	24,0	31,0			
A 25R SVUCR/L 16	25	17	200	25,5	12,5	24,0	31,0	VCMT-VCGT 1604..	M-VT40	M-BT15
A 32S SVUCR/L 16	32	22	250	32,5	15,5	32,0	39,0			

### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	d	f	l <sub>1</sub>	l <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	D <sub>min</sub>			
E-A 16M SVUCR/L 11	16	11	150	16,5	8,0	15,5	21,0	VCMT-VCGT 1103..	M-VT25	M-BT08
E-A 20Q SVUCR/L 11	20	13	180	20,5	10,0	19,0	25,0			
E-A 25R SVUCR/L 11	25	17	200	25,5	12,5	24,0	31,0			
E-A 25R SVUCR/L 16	25	17	200	25,5	12,5	24,0	31,0	VCMT-VCGT 1604..	M-VT40	M-BT15
E-A 32S SVUCR/L 16	32	22	250	32,5	15,5	32,0	39,0			

Ausführung:  
- Bohrstange aus speziellem Werkzeugstahl  
- geschliffener Schaft  
- Innenkühlung

Performance:  
- boring-bars made of special tool-steel  
- grinded shaft  
- inner coolant



Made in Germany



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	D <sub>g7</sub>	L	L <sub>1</sub>	F	D <sub>min</sub>	H			
A 16M SVJCR/L 11	16	30	150	2	22	15	VCMT-VCGT 1103..	M-VT25	M-BT08
A 20M SVJCR/L 11	20	38	150	2	25	19			
A 25M SVJCR/L 16	25	44	150	2	28	24			

Vibro-Bohrstangen auf Anfrage  
Vibro-Boring bars on request

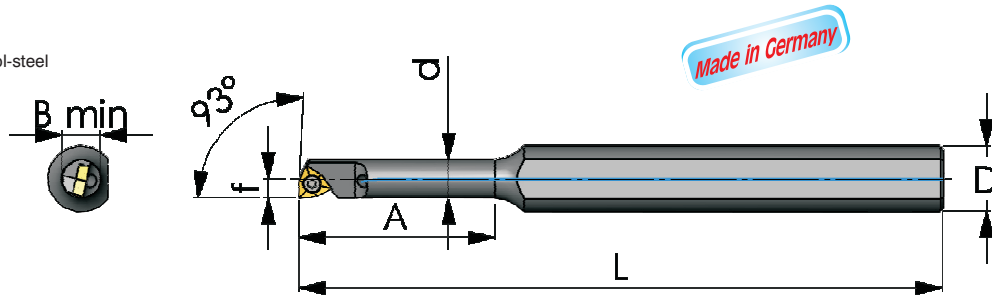
# Bohrstangen mit Innenkühlung

## Boring bars with coolant

93°

- Ausführung:
- Bohrstange aus speziellem Werkzeugstahl
  - geschliffener Schaft
  - Innenkühlung

- Performance:
- boring-bars made of special tool-steel
  - grinded shaft
  - inner coolant



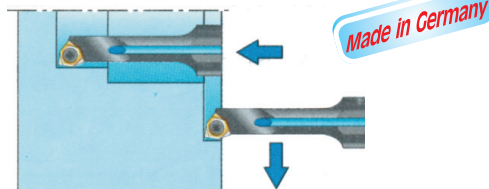
Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	d	L	F	B <sub>min</sub>	A	I			
A 0508H SWUCR/L 02	8	5	100	2,9	5,8	18	17°	WCMT-WCGT 02	M-VT20	M-BT06
A 0608H SWUCR/L 02	8	6	100	3,9	7,8	24	12°			

### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	d	L	F	B <sub>min</sub>	A	I			
E-A 0508H SWUCR/L 02	8	5	100	2,9	5,8	18	17°	WCMT-WCGT 02	M-VT20	M-BT06
E-A 0608H SWUCR/L 02	8	6	100	3,9	7,8	24	12°			

- Ausführung:
- Bohrstange aus speziellem Werkzeugstahl
  - geschliffener Schaft
  - Innenkühlung

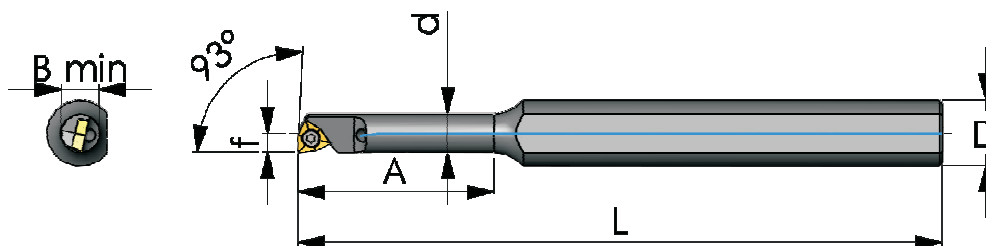
- Performance:
- boring-bars made of special tool-steel
  - grinded shaft
  - inner coolant



SET M-A-SWUCR/L 02



Bestehend aus / consists of  
A 0508H SWUCR/L 02  
A 0608H SWUCR/L 02  
10 St./pcs. WCGT 020102 CT28



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	d	L	F	B <sub>min</sub>	A	I			
A 0508H SWUCR/L 02	8	5	100	2,9	5,8	18	17°	WCMT-WCGT 02	M-VT20	M-BT06
A 0608H SWUCR/L 02	8	6	100	3,9	7,8	24	12°			

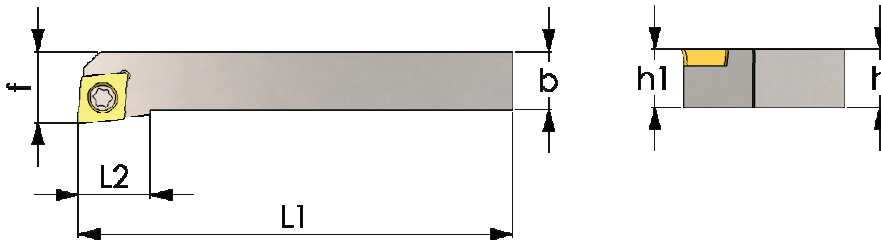
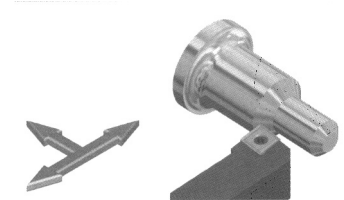
### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars


Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	d	L	F	B <sub>min</sub>	A	I			
E-A 0508H SWUCR/L 02	8	5	100	2,9	5,8	18	17°	WCMT-WCGT 02	M-VT20	M-BT06
E-A 0608H SWUCR/L 02	8	6	100	3,9	7,8	24	12°			

Ausführung: S-Schraubklemmsystem  
positive Wendeplatte 80°  
Einsatz für mittlere bis Feinbearbeitung

Performance: S-Clampsystem  
positive insert 80°  
for roughing and finishing





# SCLC R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
SCLC R/L 0808 D06	8	8	60	10	10	CC.. 0602..
SCLC R/L 1010 E06	10	10	70	10	12	
SCLC R/L 1212 F09	12	12	80	16	16	CC.. 09T3..
SCLC R/L 1616 H09	16	16	100	16	20	
SCLC R/L 2020 K09	20	20	125	16	25	CC.. 1204..
SCLC R/L 2020 K12	20	20	125	25	25	
SCLC R/L 2525 M12	25	25	150	25	32	

## Ersatzteile

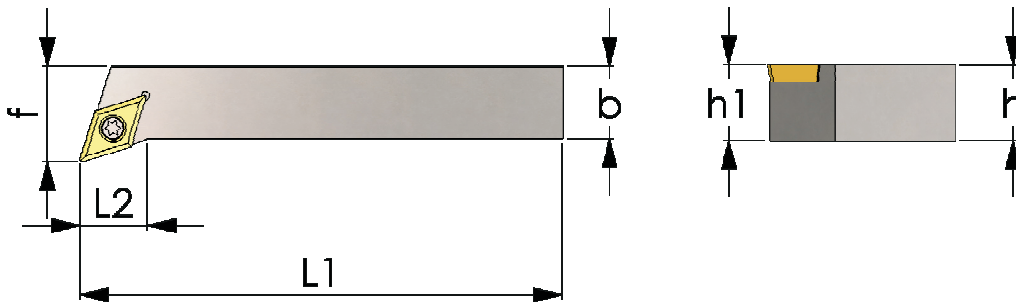
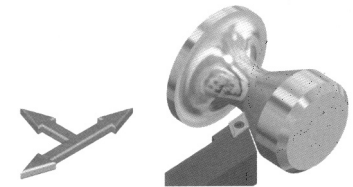
### Spare Parts


Bestell-Nr. Order No.				
SCLC R/L 0808 D06	1225	5507		
SCLC R/L 1010 E06	1225	5507		
SCLC R/L 1212 F09	1240	5515		
SCLC R/L 1616 H09	1240	5515		
SCLC R/L 2020 K09	1240	5515		
SCLC R/L 2020 K12	1540	5517	3614	1760
SCLC R/L 2525 M12	1540	5517	3614	1760

Ausführung: S-Schraubklemmsystem  
positive Wendeplatte 55°  
Einsatz für mittlere bis Feinbearbeitung





Performance: S-Clampsystem  
positive insert 55°  
for roughing and finishing

**SDHC R/L**



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
SDHC R/L 1616 H11	16	16	100	24	20	DC.. 11T3..
SDHC R/L 2020 K11	20	20	125	24	25	
SDHC R/L 2525 M11	25	25	150	29	32	

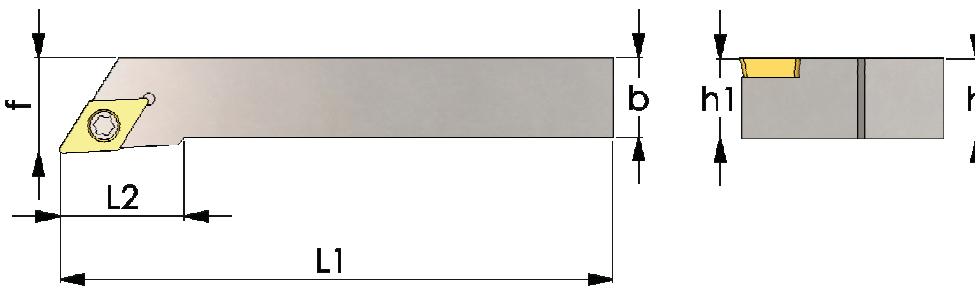
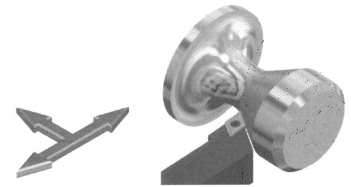
**Ersatzteile**  
Spare Parts


Bestell-Nr. Order No.				
SDHC R/L 1616 H11	1335	5516	3714	1750
SDHC R/L 2020 K11	1335	5516	3714	1750
SDHC R/L 2525 M11	1335	5516	3714	1750

Ausführung: S-Schraubklemmsystem  
positive Wendeplatte 55°  
Einsatz für mittlere bis Feinbearbeitung

Performance: S-Clampsystem  
positive insert 55°  
for roughing and finishing





# SDJC R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
SDJC R/L 1010 E07	10	10	70	16	12	DC..0702..
SDJC R/L 1212 F07	12	12	80	18	16	
SDJC R/L 1616 H11	16	16	100	22	20	DC..11T3..
SDJC R/L 2020 K11	20	20	125	22	25	
SDJC R/L 2525 M11	25	25	150	22	32	

## Ersatzteile

### Spare Parts

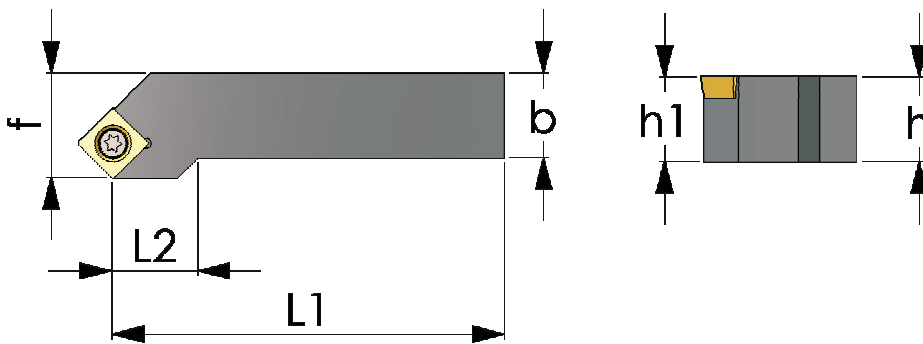
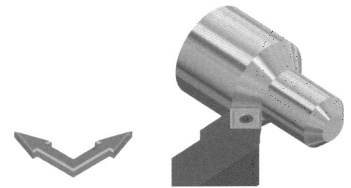
Bestell-Nr. Order No.				
SDJC R/L 1010 E07	1225	5507		
SDJC R/L 1212 F07	1225	5507		
SDJC R/L 1616 H11	1335	5516	3714	1750
SDJC R/L 2020 K11	1335	5516	3714	1750
SDJC R/L 2525 M11	1335	5516	3714	1750




Ausführung: S-Schraubklemmsystem  
positive Wendeplatte 90°  
Einsatz für mittlere bis Feinbearbeitung





Performance: S-Clampsystem  
positive insert 90°  
for roughing and finishing

### SSSC R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
SSSC R/L 1212 F09	12	12	80	11	16	SC.. 09T3..
SSSC R/L 1616 H09	16	16	100	22	20	
SSSC R/L 2020 K12	20	20	125	22	25	SC.. 1204..
SSSC R/L 2525 M12	25	25	150	22	32	

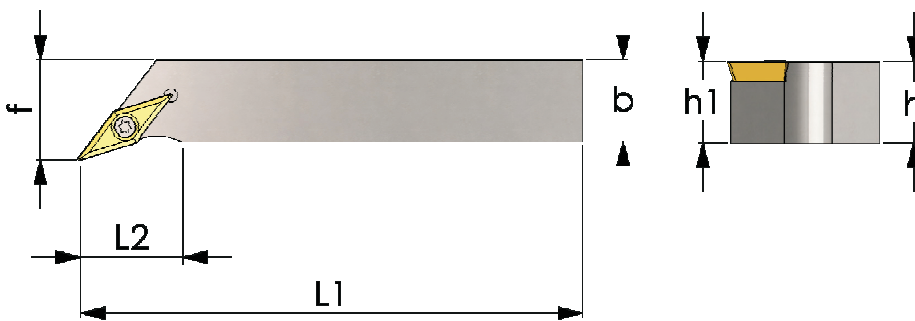
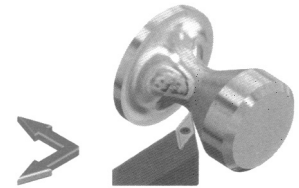
### Ersatzteile Spare Parts

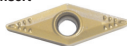
Bestell-Nr. Order No.				
SSSC R/L 1212 F09	1240	5515		
SSSC R/L 1616 H09	1240	5515		
SSSC R/L 2020 K12	1540	5517	3514	1760
SSSC R/L 2525 M12	1540	5517	3514	1760

Ausführung: S-Schraubklemmsystem  
 positive Wendeplatte 35°  
 Einsatz für mittlere bis Feinbearbeitung





Performance: S-Clampsystem  
 positive insert 35°  
 for roughing and finishing

**SVHC R/L**



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
SVHC R/L 2020 K16	20	20	125	15,5	25	VC.. 1604..
SVHC R/L 2525 M16	25	25	150	21	32	VC.. 1604..

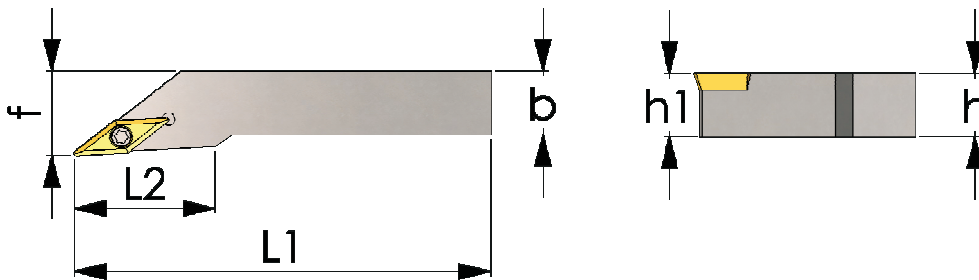
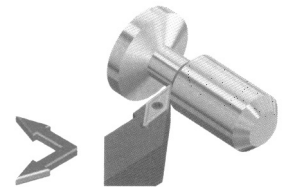
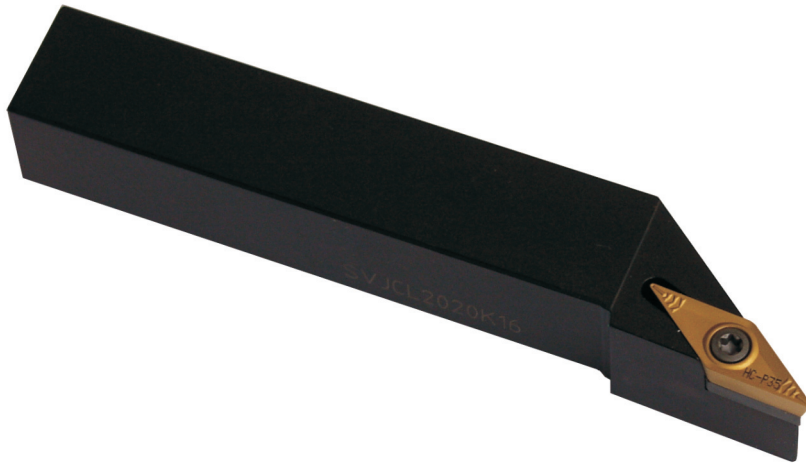
**Ersatzteile**  
**Spare Parts**

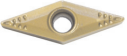
Bestell-Nr. Order No.				
SVHC R/L 2020 K16	1335	5516	3718	1750
SVHC R/L 2525 M16	1335	5516	3718	1750

Ausführung: S-Schraubklemmsystem  
positive Wendeplatte 35°  
Einsatz für mittlere bis Feinbearbeitung

Performance: S-Clampsystem  
positive insert 35°  
for roughing and finishing





### SVJC R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert
	h=h1	b	L1	L2	f	
SVJC R/L 1212 F11	12	12	80	25	16	
SVJC R/L 1616 H11	16	16	100	25	20	VC.. 1103..
SVJC R/L 2020 K11	20	20	125	25	25	
SVJC R/L 2020 K16	20	20	125	37	25	
SVJC R/L 2525 M16	25	25	150	37	32	VC.. 1604..

### Ersatzteile

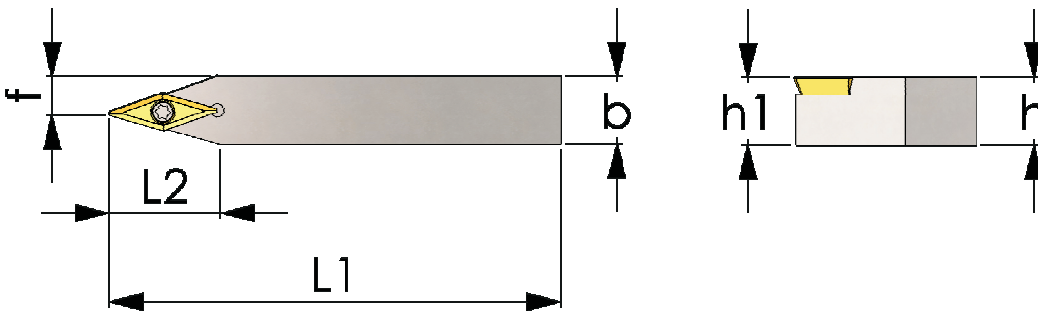
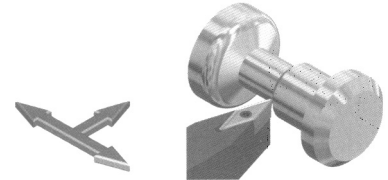
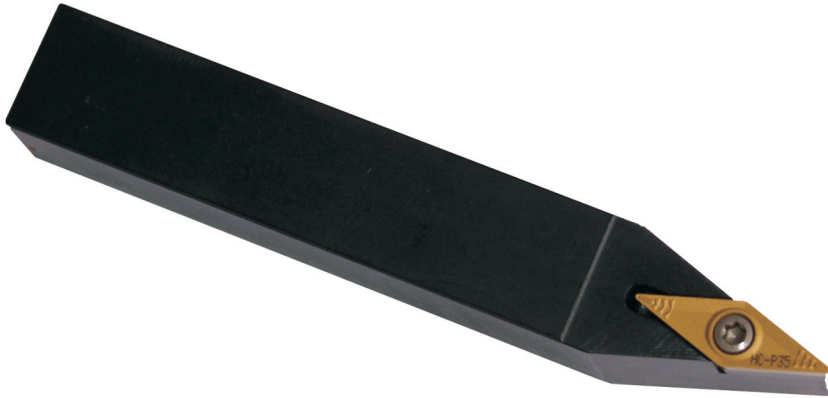
#### Spare Parts


Bestell-Nr. Order No.				
SVJC R/L 1212 F11	1225	5507		
SVJC R/L 1616 H11	1225	5507		
SVJC R/L 2020 K11	1225	5507		
SVJC R/L 2020 K16	1335	5516	3718	1750
SVJC R/L 2525 M16	1335	5516	3718	1750

Ausführung: S-Schraubklemmsystem  
positive Wendeplatte 35°  
Einsatz für mittlere bis Feinbearbeitung





Performance: S-Clampsystem  
positive insert 35°  
for roughing and finishing

# SVVC N



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
SVVC N 1212 F11	12	12	80	25	6,6	VC.. 1103..
SVVC N 1616 H11	16	16	100	25	8,6	
SVVC N 2020 K11	20	20	125	25	10,6	
SVVC N 2020 K16	20	20	125	37	10,6	VC.. 1604..
SVVC N 2525 M16	25	25	150	37	13,1	

## Ersatzteile Spare Parts

Bestell-Nr. Order No.				
SVVC N 1212 F11	1225	5507		
SVVC N 1616 H11	1225	5507		
SVVC N 2020 K11	1225	5507		
SVVC N 2020 K16	1335	5516	3718	1750
SVVC N 2525 M16	1335	5516	3718	1750

# Werkzeuge für Innenbearbeitung

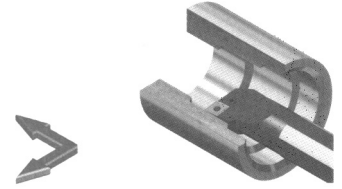
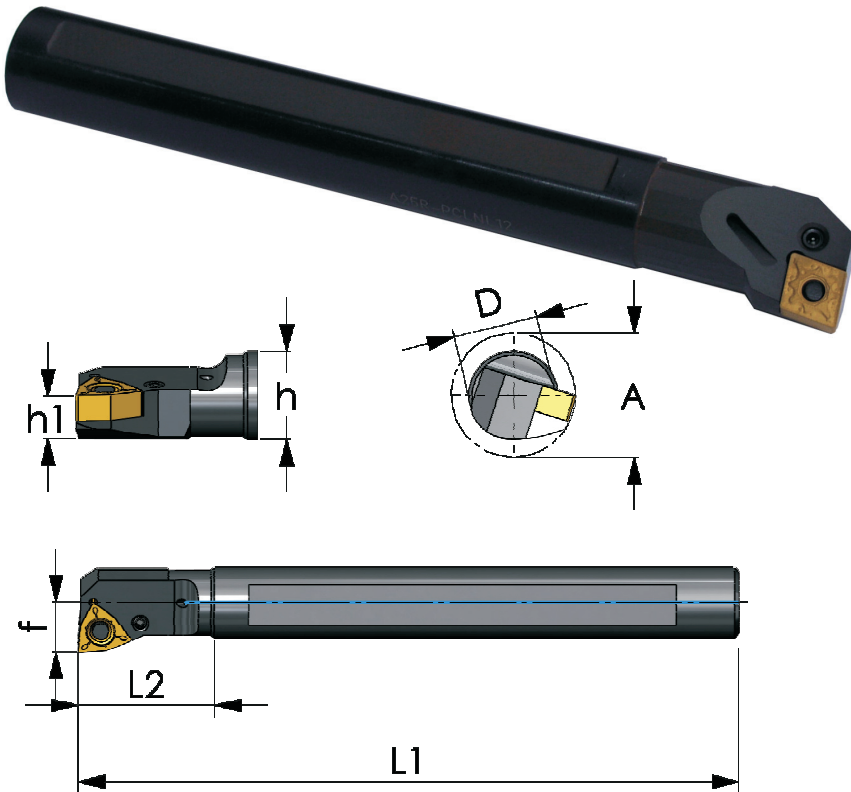
## Internal Turning Tools Type P


95°

Ausführung: P-Klemmsystem  
negative Wendeplatte 80°  
Einsatz für Schrupp- und Schlichtbearbeitung


Performance: P-Clampsystem  
negative insert 80°  
for roughing and finishing

# A-PCLN R/L









Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 
	D	H	h1	L1	L2	f	A	
A16M PCLN R/L 09	16	15	7,5	150	26	11	20	CN.. 0903..
A20Q PCLN R/L 09	20	18	9,0	180	29	13	25	
A25R PCLN R/L 12	25	23	11,5	200	40	17	31	CN.. 1204..
A32S PCLN R/L 12	32	30	15,0	250	50	22	39	
A40T PCLN R/L 12	40	37	18,5	300	60	27	48	

### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 
	D	H	h1	L1	L2	f	A	
E-A16M PCLN R/L 09	16	15	7,5	150	26	11	20	CN.. 0903..
E-A20Q PCLN R/L 09	20	18	9,0	180	29	13	25	
E-A25R PCLN R/L 12	25	23	11,5	200	40	17	31	CN.. 1204..
E-A32S PCLN R/L 12	32	30	15,0	250	50	22	39	
E-A40T PCLN R/L 12	40	37	18,5	300	60	27	48	

Made in Germany

## Ersatzteile Spare Parts

Bestell-Nr. Order No.						
A/E-A16M PCLN R/L 09	8005	1605	5002			
A/E-A20Q PCLN R/L 09	8005	1605	5002			
A/E-A25R PCLN R/L 12	8212	1626	5025			
A/E-A32S PCLN R/L 12	8312	1648	5003	3612	4112	0012
A/E-A40T PCLN R/L 12	8012	1608	5003	3612	4112	0012

# Werkzeuge für Innenbearbeitung

## Internal Turning Tools Type P

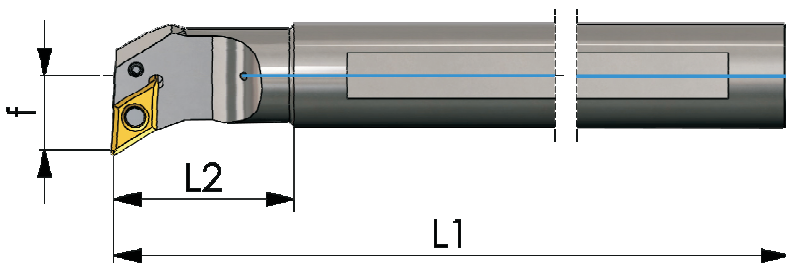
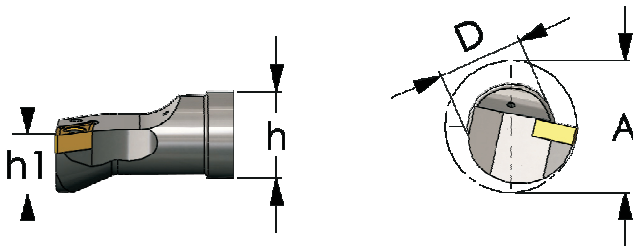
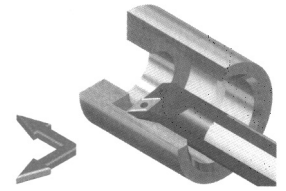
93°


Ausführung: P-Klemmsystem  
negative Wendeplatte 55°

Einsatz für Schrupp- und Schlichtbearbeitung

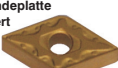
Performance: P-Clampsystem  
negative insert 55°  
for roughing and finishing

# A-PDUN R/L











Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 
	D	H	h1	L1	L2	f	A	
A25R PDUN R/L 11	25	23	11,5	200	40	17	31	DN.. 1104..
A32S PDUN R/L 15	32	30	15	250	50	22	39	DN.. 1506..
A40T PDUN R/L 15	40	37	18,5	300	60	27	48	DN.. 1506..

### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 
	D	H	h1	L1	L2	f	A	
E-A25R PDUN R/L 11	25	23	11,5	200	40	17	31	DN.. 1104..
E-A32S PDUN R/L 15	32	30	15	250	50	22	39	DN.. 1506..
E-A40T PDUN R/L 15	40	37	18,5	300	60	27	48	DN.. 1506..

Made in Germany

## Ersatzteile Spare Parts

Bestell-Nr. Order No.								
A/E-A25R PDUN R/L 11	8009	1606	5025	3711	4109	0009		
A/E-A32S PDUN R/L 15	8415	1648	5003	3715	4112	0012	3725	4135
A/E-A40T PDUN R/L 15	8415	1638	5003	3715	4112	0012	3725	4135
							DNM. 1504	

# Werkzeuge für Innenbearbeitung

## Internal Turning Tools Type P

95°

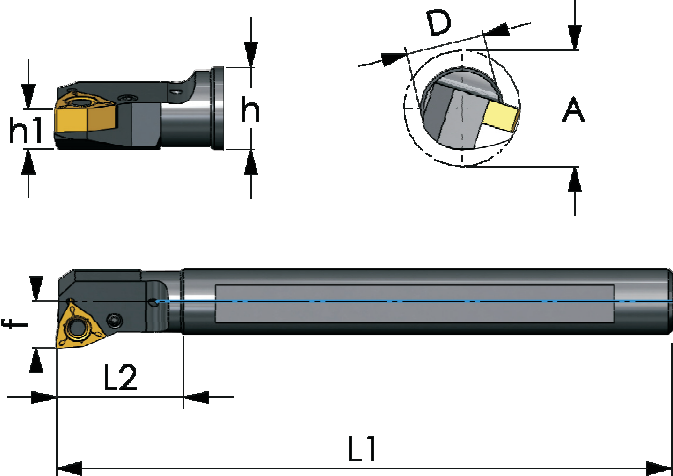
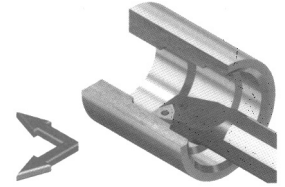
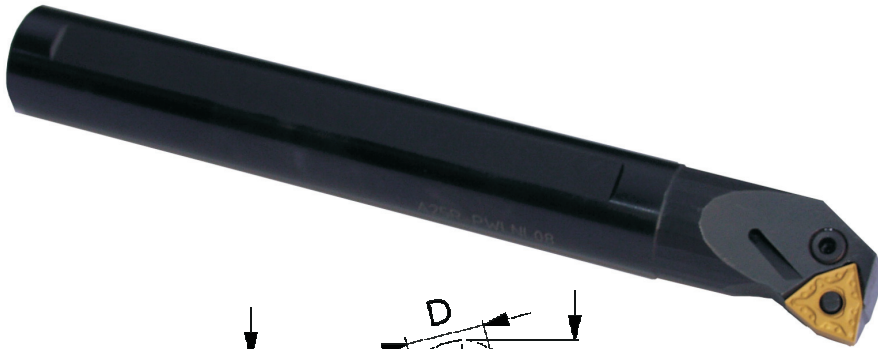
Ausführung: P-Klemmsystem  
negative Wendeplatte 80°


Einsatz für Schrupp- und Schlichtbearbeitung

Performance: P-Clampsystem  
negative insert 80°


for roughing and finishing

# A-PWLN R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 
	D	H	h1	L1	L2	f	A	
A16M PWLN R/L 06	16	14	7,5	150	24	11	20	WNM..0604..
A20Q PWLN R/L 06	20	18	9	180	29	13	27	
A25R PWLN R/L 06	25	23	11,5	200	40	17	31	
A25R PWLN R/L 08	25	23	11,5	200	40	17	31	WNM..0804..
A32S PWLN R/L 08	32	30	15	250	50	22	39	
A40T PWLN R/L 08	40	37	18,5	300	60	27	48	







### NEU / NEW Vibro-Bohrstangen / Vibro-Boring bars

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 
	D	H	h1	L1	L2	f	A	
E-A16M PWLN R/L 06	16	14	7,5	150	24	11	20	WNM..0604..
E-A20Q PWLN R/L 06	20	18	9	180	29	13	27	
E-A25R PWLN R/L 06	25	23	11,5	200	40	17	31	
E-A25R PWLN R/L 08	25	23	11,5	200	40	17	31	WNM..0804..
E-A32S PWLN R/L 08	32	30	15	250	50	22	39	
E-A40T PWLN R/L 08	40	37	18,5	300	60	27	48	

Made in Germany

## Ersatzteile

### Spare Parts

Bestell-Nr. Order No.						
A/E-A16M PWLN R/L 06	8216	1605	5002			
A/E-A20Q PWLN R/L 06	8216	1605	5002			
A/E-A25R PWLN R/L 06	8009	1606	5025	3007	4109	0009
A/E-A25R PWLN R/L 08	8312	1648	5003			
A/E-A32S PWLN R/L 08	8012	1608	5003	3008	4112	0012
A/E-A40T PWLN R/L 08	8012	1608	5003	3008	4112	0012

Wendeplatten können Sie in unserem Wendeplattenkatalog einsehen! / Inserts you can see in our insert catalog!

# Werkzeuge für Außenbearbeitung

## External Turning Tools Type P

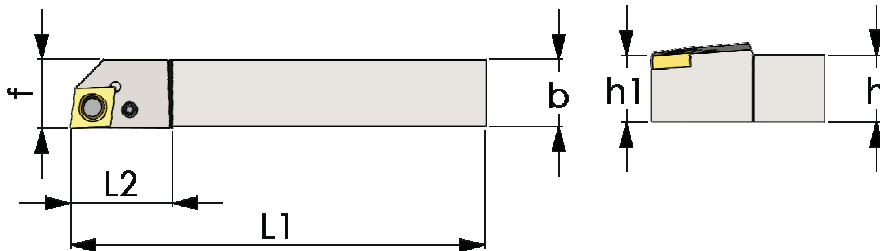
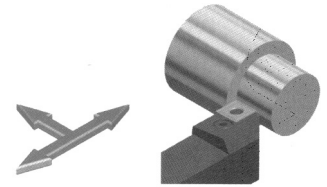
95°


Ausführung: P-Klemmsystem  
negative Wendeplatte 80°

Einsatz für Schrupp- und Schlichtbearbeitung

Performance: P-Clampsystem  
negative insert 80°  
for roughing and finishing

# PCLN R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
PCLN R/L 1616 H09	16	16	100	25	20	CN.. 0903..
PCLN R/L 2020 K09	20	20	125	27	25	
PCLN R/L 2525 M09	25	25	150	27	32	
PCLN R/L 1616 H12	16	16	100	26	20	CN.. 1204..
PCLN R/L 2020 K12	20	20	125	28	25	
PCLN R/L 2525 M12	25	25	150	28	32	
PCLN R/L 3225 P12	32	25	170	28	32	
PCLN R/L 3232 P12	32	32	170	28	40	
PCLN R/L 2525 M16	25	25	150	34	32	CN.. 1606..
PCLN R/L 3225 P16	32	25	170	34	32	
PCLN R/L 3232 P16	32	32	170	34	40	
PCLN R/L 4040 S16	40	40	250	34	50	CN.. 1906..
PCLN R/L 2525 M19	25	25	150	42	32	
PCLN R/L 3225 P19	32	25	170	42	32	
PCLN R/L 3232 P19	32	32	170	42	40	
PCLN R/L 4040 S19	40	40	250	45	50	

## Ersatzteile / Spare Parts

Bestell-Nr. Order No.						
PCLN R/L 1616 H09	8009	1606	5025	3609	4109	0009
PCLN R/L 2020 K09	8009	1606	5025	3609	4109	0009
PCLN R/L 2525 M09	8009	1606	5025	3609	4109	0009
PCLN R/L 1616 H12	8312	1648	5003	3612	4112	0012
PCLN R/L 2020 K12	8012	1608	5003	3612	4112	0012
PCLN R/L 2525 M12	8012	1608	5003	3612	4112	0012
PCLN R/L 3225 P12	8012	1608	5003	3612	4112	0012
PCLN R/L 3232 P12	8012	1608	5003	3612	4112	0012
PCLN R/L 2525 M16	8016	1618	5003	3616	4115	0015
PCLN R/L 3225 P16	8016	1618	5003	3616	4115	0015
PCLN R/L 3232 P16	8016	1618	5003	3616	4115	0015
PCLN R/L 4040 S16	8016	1618	5003	3616	4115	0015
PCLN R/L 2525 M19	8019	1610	5004	3619	4119	0019
PCLN R/L 3225 P19	8019	1610	5004	3619	4119	0019
PCLN R/L 3232 P19	8019	1610	5004	3619	4119	0019
PCLN R/L 4040 S19	8019	1610	5004	3619	4119	0019



# Werkzeuge für Außenbearbeitung

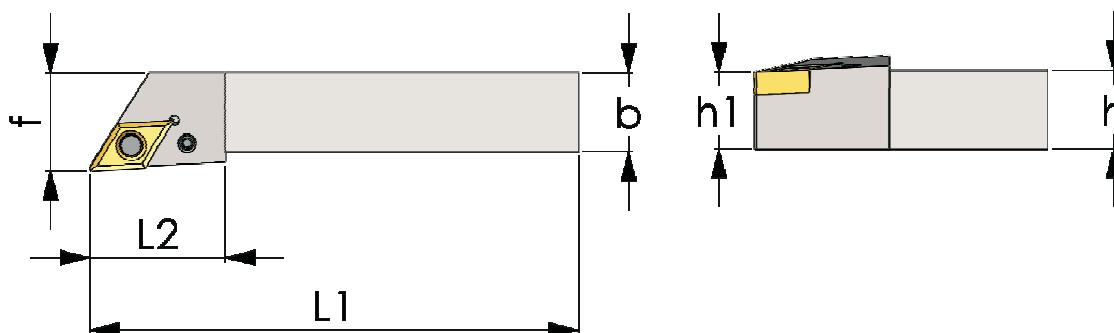
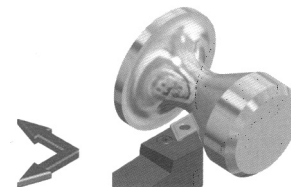
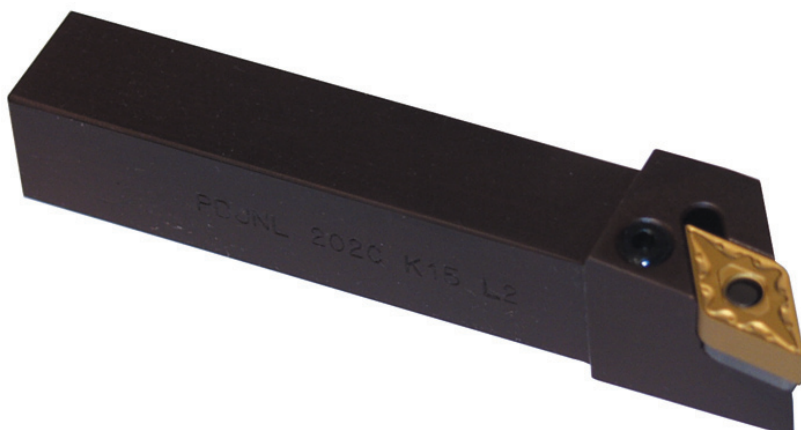
## External Turning Tools Type P

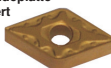
93°

Ausführung: P-Klemmsystem  
negative Wendeplatte 55°  
Einsatz für Schrupp- und Schlichtbearbeitung

Performance: P-Clampsystem  
negative insert 55°  
for roughing and finishing









# PDJN R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
PDJN R/L 1616 H11	16	16	100	28	20	DN.. 1104..
PDJN R/L 2020 K11	20	20	125	28	25	
PDJN R/L 2525 M11	25	25	150	28	32	
PDJN R/L 3225 P11	32	25	170	28	32	
PDJN R/L 2020 K15	20	20	125	34	25	DN.. 1506..
PDJN R/L 2525 M15	25	25	150	34	32	
PDJN R/L 3225 P15	32	25	170	34	32	
PDJN R/L 3232 P15	32	32	170	34	40	
PDJN R/L 4025 S15	40	25	200	34	32	

## Ersatzteile

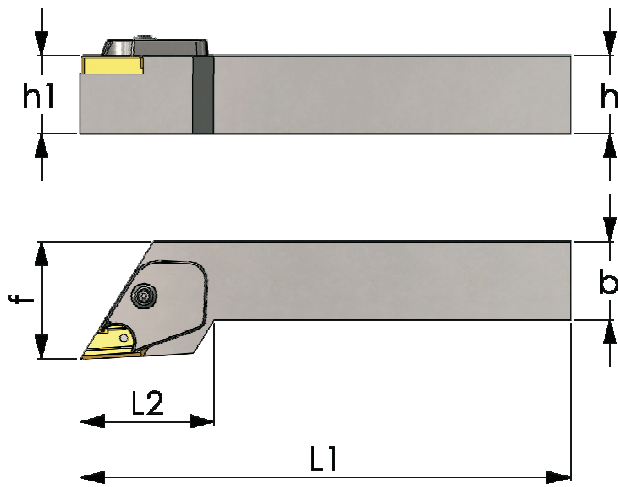
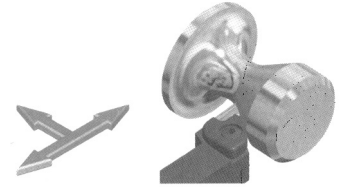
### Spare Parts


Bestell-Nr. Order No.								
PDJN R/L 1616 H11	8009	1606	5025	3711	4109	0009		
PDJN R/L 2020 K11	8009	1606	5025	3711	4109	0009		
PDJN R/L 2525 M11	8009	1606	5025	3711	4109	0009		
PDJN R/L 3225 P11	8009	1606	5025	3711	4109	0009		
PDJN R/L 2020 K15	8415	1638	5003	3715	4112	0012	3725	4135
PDJN R/L 2525 M15	8415	1638	5003	3715	4112	0012	3725	4135
PDJN R/L 3225 P15	8415	1638	5003	3715	4112	0012	3725	4135
PDJN R/L 3232 P15	8415	1638	5003	3715	4112	0012	3725	4135
PDJN R/L 4025 S15	8415	1638	5003	3715	4112	0012	3725	4135
							DNM.	1504

Ausführung: C-Klemmsystem  
negative Wendeplatte  
Einsatz für Schrupp- und Schlichtbearbeitung

Performance: C-Clampsystem  
negative insert  
for roughing and finishing








# CKJN R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
CKJN R/L 2020 K16	20	20	125	34	30	KNUX.. 1604..
CKJN R/L 2525 M16	25	25	150	34	32	
CKJN R/L 3225 P16	32	25	170	34	32	

## Ersatzteile

### Spare Parts

Bestell-Nr. Order No.							
CKJN R 2020 K16	2316	1614	5004	4295	4203	3226	4012
CKJN R 2525 M16	2316	1614	5004	4295	4204	3226	4012
CKJN R 3225 P16	2316	1614	5004	4295	4204	3226	4012
CKJN L 2020 K16	2326	1614	5004	4295	4203	3226	4012
CKJN L 2525 M16	2326	1614	5004	4295	4204	3226	4012
CKJN L 3225 P16	2326	1614	5004	4295	4204	3226	4012

# Werkzeuge für Außenbearbeitung

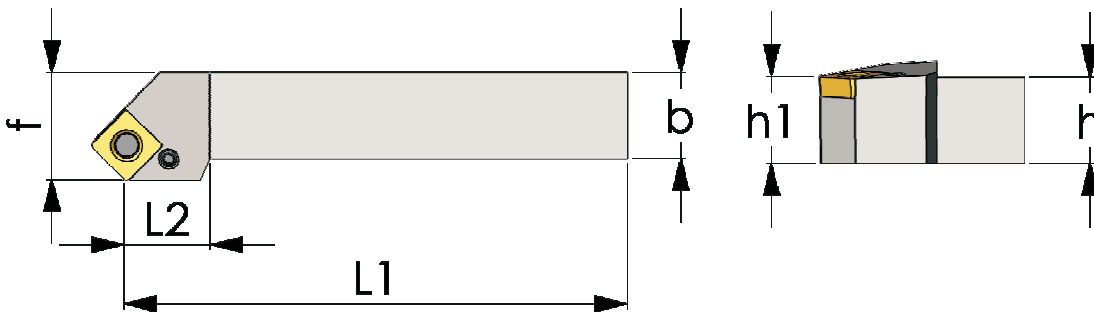
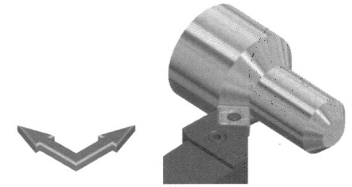
## External Turning Tools Type P


45°

Ausführung: P-Klemmsystem  
negative Wendeplatte 90°  
Einsatz für Schrapp- und Schlichtbearbeitung

Performance: P-Clampsystem  
negative insert 90°  
for roughing and finishing







# PSSN R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
PSSN R/L 1616 H09	16	16	100	22	20	SNM.. 0903..
PSSN R/L 2020 K09	20	20	125	22	25	
PSSN R/L 2020 K12	20	20	125	28	25	SNM.. 1204..
PSSN R/L 2525 M12	25	25	150	28	32	
PSSN R/L 3225 P12	32	25	170	28	32	SNM.. 1506..
PSSN R/L 2525 M15	25	25	150	34	32	
PSSN R/L 3232 P15	32	32	170	34	40	SNM.. 1906..
PSSN R/L 3232 P19	32	32	170	42	40	
PSSN R/L 4040 S19	40	40	250	45	50	

## Ersatzteile

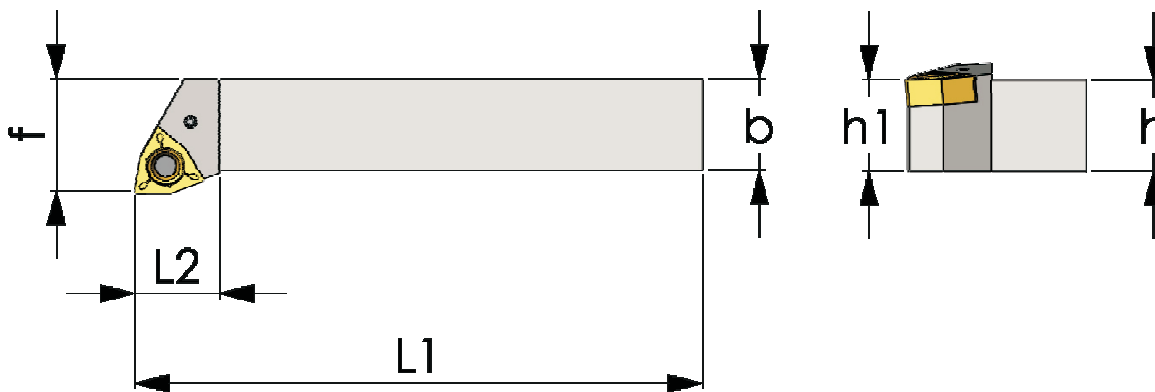
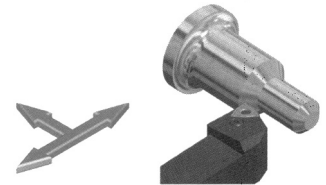
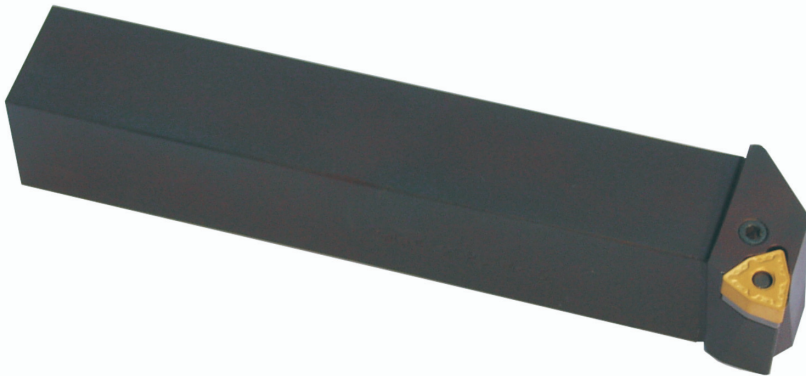
### Spare Parts


Bestell-Nr. Order No.						
PSSN R/L 1616 H09	8009	1606	5025	3509	4110	0009
PSSN R/L 2020 K09	8009	1606	5025	3509	4110	0009
PSSN R/L 2020 K12	8012	1608	5003	3512	4112	0012
PSSN R/L 2525 M12	8012	1608	5003	3512	4112	0012
PSSN R/L 3225 P12	8012	1608	5003	3512	4112	0012
PSSN R/L 2525 M15	8016	1618	5003	3515	4115	0015
PSSN R/L 3232 P15	8016	1618	5003	3515	4115	0015
PSSN R/L 3232 P19	8019	1610	5004	3519	4119	0019
PSSN R/L 4040 S19	8019	1610	5004	3519	4119	0019

Ausführung: P-Klemmsystem  
negative Wendeplatte 80°  
Einsatz für Schrupp- und Schlichtbearbeitung







Performance: P-Clampsystem  
negative insert 80°  
for roughing and finishing

# PWLN R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
PWLN R/L 1616 H06	16	16	100	15	20	WNM.. 0604..
PWLN R/L 2020 K06	20	20	125	25	25	
PWLN R/L 2525 M06	25	25	150	25	32	WNM.. 0804..
PWLN R/L 2020 K08	20	20	125	34	25	
PWLN R/L 2525 M08	25	25	150	34	32	
PWLN R/L 3225 P08	32	25	170	34	32	
PWLN R/L 3232 P08	32	32	170	34	40	

## Ersatzteile Spare Parts

Bestell-Nr. Order No.						
PWLN R/L 1616 H06	8009	1606	5025	3007	4109	0009
PWLN R/L 2020 K06	8009	1606	5025	3007	4109	0009
PWLN R/L 2525 M06	8009	1606	5025	3007	4109	0009
PWLN R/L 2020 K08	8012	1608	5003	3008	4112	0012
PWLN R/L 2525 M08	8012	1608	5003	3008	4112	0012
PWLN R/L 3225 P08	8012	1608	5003	3008	4112	0012
PWLN R/L 3232 P08	8012	1608	5003	3008	4112	0012

# Werkzeuge für Außenbearbeitung

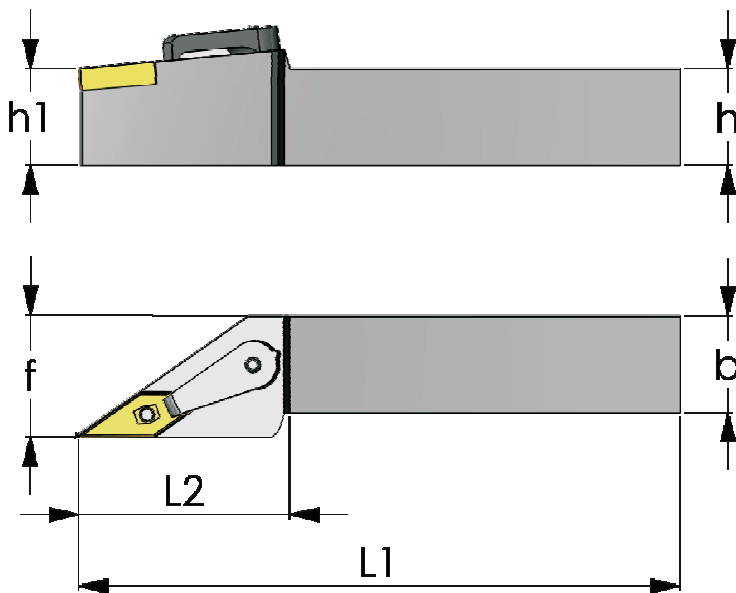
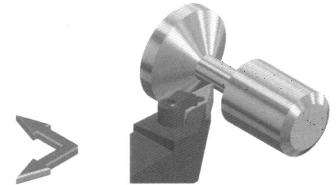
## External Turning Tools Type P


93°

Ausführung: P-Klemmsystem  
negative Wendeplatte 35°  
Einsatz für Schrupp- und Schlichtbearbeitung

Performance: P-Clampsystem  
negative insert 35°  
for roughing and finishing







# MVJN R/L



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)					Wendeplatte Insert 
	h=h1	b	L1	L2	f	
MVJN R/L 2020 K16	20	20	125	43	25	VN.. 1604..
MVJN R/L 2525 M16	25	25	150	43	32	
MVJN R/L 3225 P16	32	25	170	43	32	

## Ersatzteile

### Spare Parts

Bestell-Nr. Order No.						
MVJN R/L 2020 K16	2616	1086	5003	IVSN-322	1665	5002
MVJN R/L 2525 M16	2616	1086	5003	IVSN-322	1665	5002
MVJN R/L 3225 P16	2616	1086	5003	IVSN-322	1665	5002



# HEAD<sup>®</sup>-Master



**HD BORING-BARS**

**HD-BOHRSTANGEN**

# HD TURN-DRILL 90°

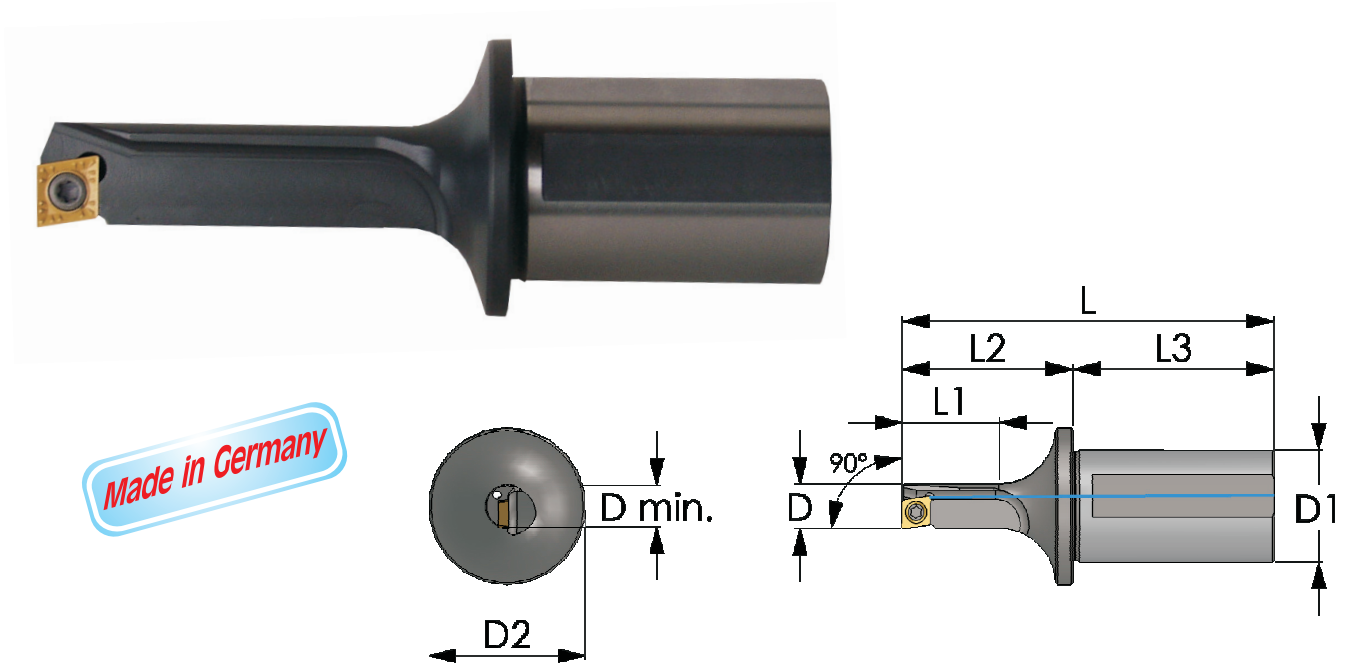
# 6080




## Ausführung:

- Bohrstange aus speziellem Werkzeugstahl zum Bohren und Innen- / Aussendrehen
- geschliffener Schaft
- Innenkühlung

## Performance:

- boring-bars made of special tool-steel for drilling and turning
- grinded shaft
- inner coolant



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 	Wpl.-schraube insert screw 	Torxschlüssel key 
	D	D1	D2	L	L1	L2	L3			
6080-10-15.06-20	10	20	27	82	15	37	45	CCMT 0602.. CCGT 0602..	M-VT25	M-BT08
6080-10-20.06-20	10	20	27	87	20	42	45			
6080-10-25.06-20	10	20	27	92	25	47	45			
6080-12-15.06-20	12	20	27	82	15	37	45			
6080-12-20.06-20	12	20	27	87	20	42	45			
6080-12-30.06-20	12	20	27	97	30	52	45			
6080-10-15.06-25	10	25	35	82	15	37	45			
6080-10-20.06-25	10	25	35	87	20	42	45			
6080-10-25.06-25	10	25	35	92	25	47	45			
6080-12-15.06-25	12	25	35	82	15	37	45			
6080-12-20.06-25	12	25	35	87	20	42	45			
6080-12-30.06-25	12	25	35	97	30	52	45			
6080-16-25.09-25	16	25	35	92	25	47	45	CCMT 09T3.. CCGT 09T3..	M-VT40	M-BT15
6080-16-35.09-25	16	25	35	102	35	57	45			
6080-16-50.09-25	16	25	35	117	50	72	45			
6080-16-25.09-32	16	32	43	95	25	47	48			
6080-16-35.09-32	16	32	43	105	35	57	48			
6080-16-50.09-32	16	32	43	120	50	72	48			
6080-25-50.12-32	25	32	43	122	50	74	48	CCMT 1204.. CCGT 1204..	M-VT41	M-BT20
6080-25-75.12-32	25	32	43	147	75	99	48			

## Bohrdurchmesser - boring diameter

6080 D.10..  $D_{min} = 11,5$

6080 D.12..  $D_{min} = 13,5$

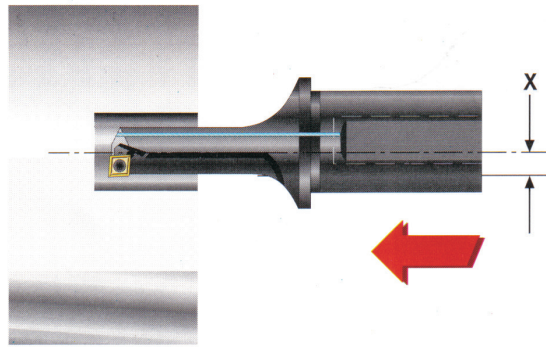
6080 D.16..  $D_{min} = 18,5$

6080 D.25..  $D_{min} = 25,5$

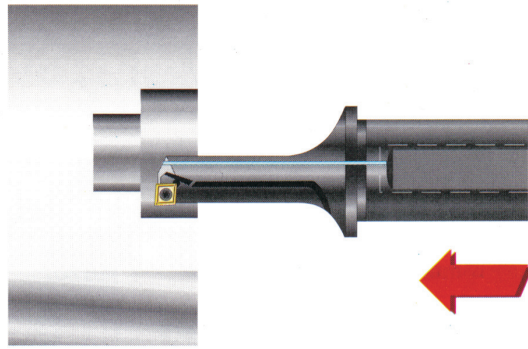
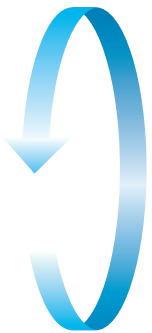
Wendeplatten können Sie in unserem Wendeplattenkatalog einsehen! / Inserts you can see in our insert catalog!

**Anwendungsbeispiele**

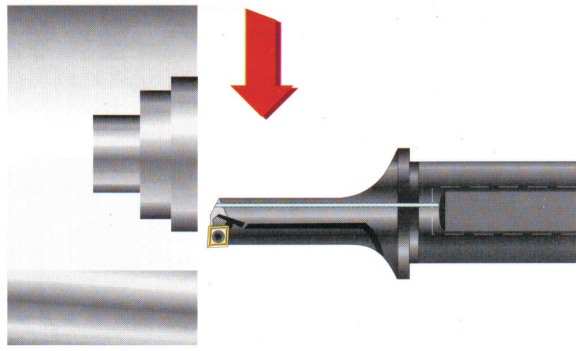
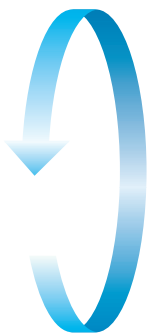
**Examples for work**



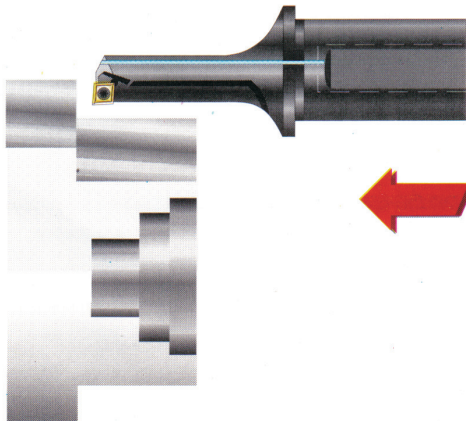
BOHREN INS VOLLE  
DRILL FROM SOLID



DREHEN VON  
INNENKONTUREN  
INTERNAL CONTOURING



DREHEN VON  
PLANKONTUREN  
FACING OR TURNING



DREHEN VON  
AUSSENKONTUREN  
EXTERNAL CONTOURING





# HD TURN-BOHRSTANGEN 95°

## HD TURN-BORING BARS 95°

Ausführung:

- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

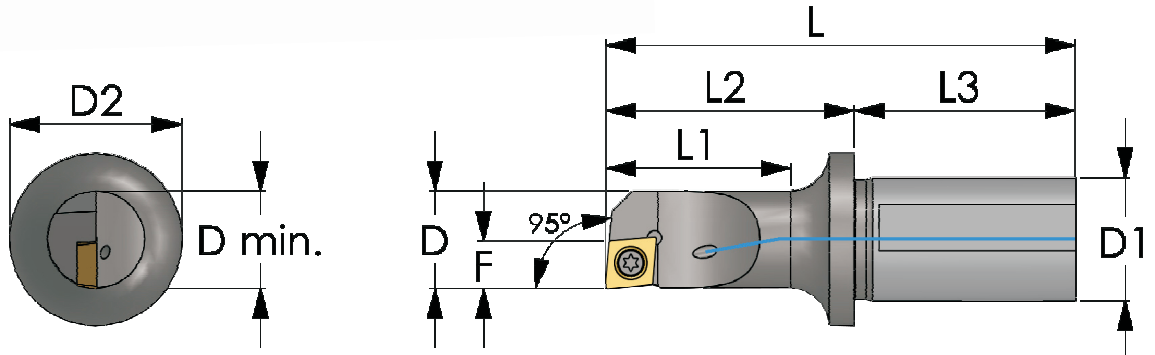
Performance:




- boring-bars made of special tool-steel
- grinded shaft
- inner coolant

# SCLCR/L



*Made in Germany*



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 	Wpl.-schraube insert screw 	Torxschlüssel key 
	D	F	D1	D2	L1	L2	L3			
A25 SCLCR/L-0815-06	8	4,5	25	35	15	37	45	CCMT 0602.. CCGT 0602..	M-VT25	M-BT08
A25 SCLCR/L-0820-06	8	4,5	25	35	20	42	45			
A25 SCLCR/L-1015-06	10	5,5	25	35	15	37	45			
A25 SCLCR/L-1020-06	10	5,5	25	35	20	42	45			
A25 SCLCR/L-1025-06	10	5,5	25	35	25	47	45			
A25 SCLCR/L-1215-06	12	6,5	25	35	15	37	45			
A25 SCLCR/L-1220-06	12	6,5	25	35	20	42	45			
A25 SCLCR/L-1230-06	12	6,5	25	35	30	52	45			
A25 SCLCR/L-1420-06	14	7,5	25	35	20	42	45			
A25 SCLCR/L-1430-06	14	7,5	25	35	30	52	45			
A25 SCLCR/L-1440-06	14	7,5	25	35	40	62	45			
A25 SCLCR/L-1625-09	16	8,5	25	35	25	47	45			
A25 SCLCR/L-1635-09	16	8,5	25	35	35	57	45			
A25 SCLCR/L-1650-09	16	8,5	25	35	50	72	45			
A25 SCLCR/L-2030-09	20	10,5	25	35	30	52	45			
A25 SCLCR/L-2040-09	20	10,5	25	35	40	62	45			
A25 SCLCR/L-2060-09	20	10,5	25	35	60	82	45			
A25 SCLCR/L-2550-09	25	13,0	25	35	50	72	45			
A25 SCLCR/L-2570-09	25	13,0	25	35	70	92	45			
A32 SCLCR/L-1030-06	10	5,5	32	43	30	52	58			
A32 SCLCR/L-1040-06	10	5,5	32	43	40	62	58			
A32 SCLCR/L-1240-06	12	6,5	32	43	40	62	58			
A32 SCLCR/L-1250-06	12	6,5	32	43	50	72	58			
A32 SCLCR/L-1450-06	14	7,5	32	43	50	72	58			
A32 SCLCR/L-1460-06	14	7,5	32	43	60	82	58			
A32 SCLCR/L-1660-09	16	8,5	32	43	60	82	58			
A32 SCLCR/L-1670-09	16	8,5	32	43	70	92	58			
A32 SCLCR/L-2070-09	20	10,5	32	43	70	92	58			
A32 SCLCR/L-2080-09	20	10,5	32	43	80	102	58			
A32 SCLCR/L-2580-09	25	13,0	32	43	80	102	58			
A32 SCLCR/L-2590-09	25	13,0	32	43	90	112	58			
								CCMT 09T3.. CCGT 09T3..	M-VT40	M-BT15

Wendeplatten können Sie in unserem Wendeplattenkatalog einsehen! / Inserts you can see in our insert catalog!

# HD TURN-BOHRSTANGEN 93°

## HD TURN-BORING BARS 93°

# SDUCR/L

Ausführung:

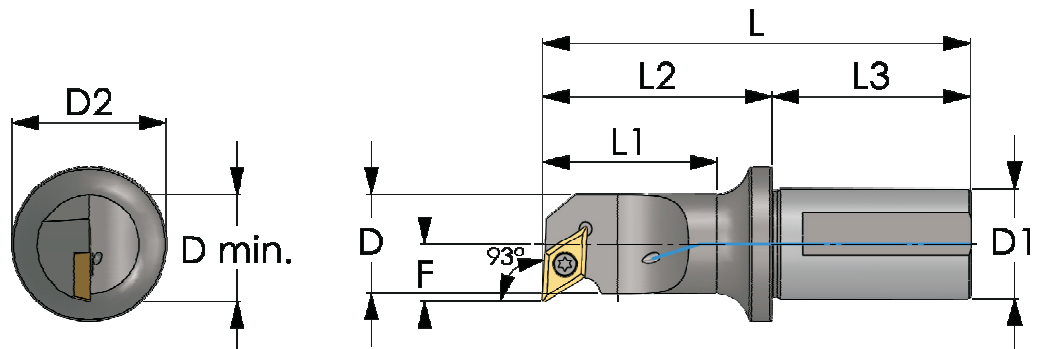
- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

Performance:

- boring-bars made of special tool-steel
- grinded shaft
- inner coolant



*Made in Germany*



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	F	D1	D2	L1	L2	L3			
A25 SDUCR/L-1015-07	10	7	25	35	15	37	45	DCMT 0702.. DCGT 0702..	M-VT25	M-BT08
A25 SDUCR/L-1020-07	10	7	25	35	20	42	45			
A25 SDUCR/L-1030-07	10	7	25	35	30	52	45			
A25 SDUCR/L-1215-07	12	9	25	35	15	37	45			
A25 SDUCR/L-1220-07	12	9	25	35	20	42	45			
A25 SDUCR/L-1230-07	12	9	25	35	30	52	45			
A25 SDUCR/L-1625-07	16	11	25	35	25	47	45			
A25 SDUCR/L-1635-07	16	11	25	35	35	57	45	DCMT 11T3.. DCGT 11T3..	M-VT40	M-BT15
A25 SDUCR/L-1650-07	16	11	25	35	50	72	45			
A25 SDUCR/L-2030-11	20	13	25	35	30	52	45			
A25 SDUCR/L-2040-11	20	13	25	35	40	62	45			
A25 SDUCR/L-2060-11	20	13	25	35	60	82	45			
A25 SDUCR/L-2550-11	25	17	25	35	50	72	45	DCMT 0702.. DCGT 0702..	M-VT25	M-BT08
A25 SDUCR/L-2570-11	25	17	25	35	70	92	45			
A32 SDUCR/L-1040-07	10	7	32	43	40	62	58			
A32 SDUCR/L-1245-07	12	9	32	43	45	67	58			
A32 SDUCR/L-1660-07	16	11	32	43	60	82	58			
A32 SDUCR/L-2070-11	20	13	32	43	70	92	58			
A32 SDUCR/L-2580-11	25	17	32	43	80	102	58			

Wendeplatten können Sie in unserem Wendeplattenkatalog einsehen! / Inserts you can see in our insert catalog!

# HD TURN-BOHRSTANGEN 107°

## HD TURN-BORING BARS 107°

### Ausführung:

- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

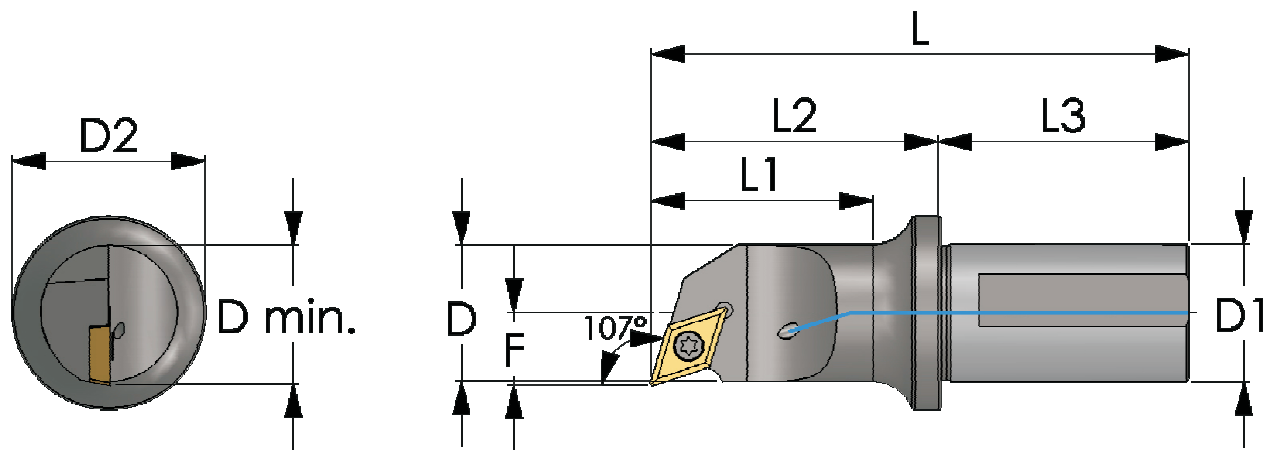
### Performance:




- boring-bars made of special tool-steel
- grinded shaft
- inner coolant

# SDQCR/L



Made in Germany



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert 	Wpl.-schraube insert screw 	Torxschlüssel key 
	D	F	D1	D2	L1	L2	L3			
A25 SDQCR/L-1015-07	10	7	25	35	15	37	45	DCMT 0702.. DCGT 0702..	M-VT25	M-BT08
A25 SDQCR/L-1020-07	10	7	25	35	20	42	45			
A25 SDQCR/L-1030-07	10	7	25	35	30	52	45			
A25 SDQCR/L-1215-07	12	9	25	35	15	37	45			
A25 SDQCR/L-1220-07	12	9	25	35	20	42	45			
A25 SDQCR/L-1230-07	12	9	25	35	30	52	45			
A25 SDQCR/L-1625-07	16	11	25	35	25	47	45			
A25 SDQCR/L-1635-07	16	11	25	35	35	57	45			
A25 SDQCR/L-1650-07	16	11	25	35	50	72	45			
A25 SDQCR/L-2030-11	20	13	25	35	30	52	45	DCMT 11T3.. DCGT 11T3..	M-VT40	M-BT15
A25 SDQCR/L-2040-11	20	13	25	35	40	62	45			
A25 SDQCR/L-2060-11	20	13	25	35	60	82	45			
A25 SDQCR/L-2550-11	25	17	25	35	50	72	45			
A25 SDQCR/L-2570-11	25	17	25	35	70	92	45			
A32 SDQCR/L-1040-07	10	7	32	43	40	62	58	DCMT 0702.. DCGT 0702..	M-VT25	M-BT08
A32 SDQCR/L-1245-07	12	9	32	43	45	67	58			
A32 SDQCR/L-1660-07	16	11	32	43	60	82	58			
A32 SDQCR/L-2070-11	20	13	32	43	70	92	58	DCMT 11T3.. DCGT 11T3..	M-VT40	M-BT15
A32 SDQCR/L-2580-11	25	17	32	43	80	102	58			

# HD TURN-BOHRSTANGEN 93°

## HD TURN-BORING BARS 93°

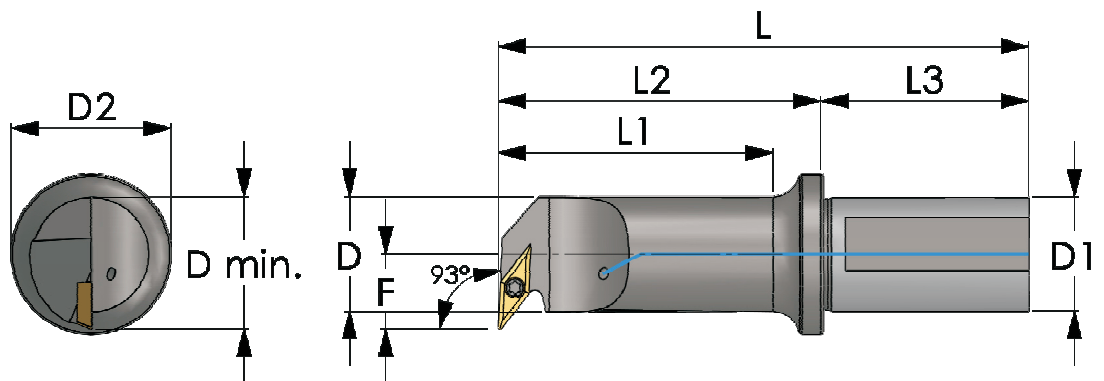
# SVUCR/L

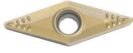


### Ausführung:

- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

### Performance:

- boring-bars made of special tool-steel
- grinded shaft
- inner coolant



Bestell-Nr. Order No.	Abmessungen - Dimension (mm)							Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	F	D1	D2	L1	L2	L3			
A25 SVUCR/L-1635-11	16	11	25	35	35	57	45	VCMT 1103.. VCGT 1103..	M-VT25	M-BT08
A25 SVUCR/L-1650-11	16	11	25	35	50	72	45			
A25 SVUCR/L-2040-11	20	13	25	35	40	62	45			
A25 SVUCR/L-2060-11	20	13	25	35	60	82	45			
A25 SVUCR/L-2550-11	25	17	25	35	50	72	45			
A25 SVUCR/L-2570-11	25	17	25	35	70	92	45			
A32 SVUCR/L-1660-11	16	11	32	43	60	82	58			
A32 SVUCR/L-2070-11	20	13	32	43	70	92	58			
A32 SVUCR/L-2580-11	25	17	32	43	80	102	58			

# HD Gewindebohrstange

## HD Threading Boring bars

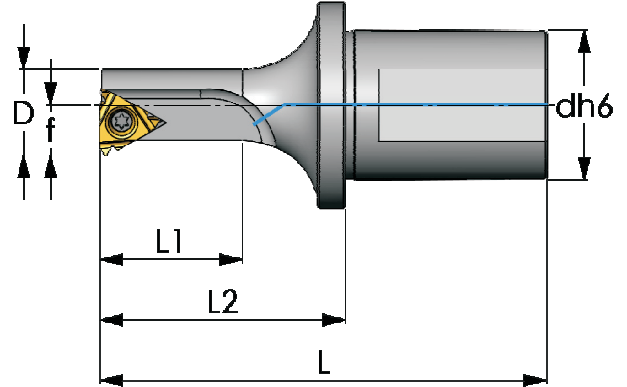
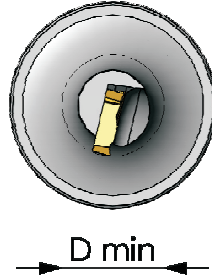
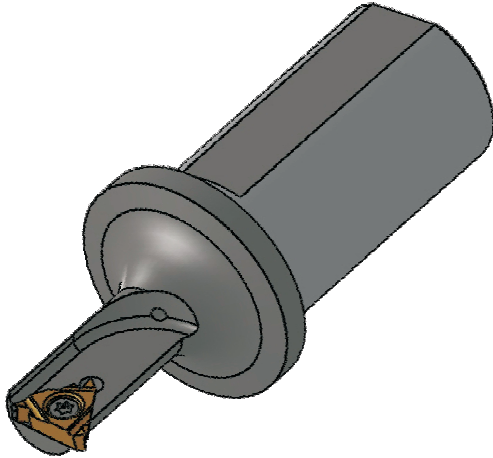
Ausführung:

- Bohrstange aus speziellem Werkzeugstahl
- geschliffener Schaft
- Innenkühlung

Performance:

- boring-bars made of special tool-steel
- grinded shaft
- inner coolant

# 6082



Made in Germany

Bestell-Nr. Order No.	Abmessungen - Dimension (mm)						Wendeplatte Insert	Wpl.-schraube insert screw	Torxschlüssel key
	D	dh6	Dmin	L	L1	L2			
6082-10-15.11-25 R/L	10	25	11	82	15	37	11IR... 11IL... 11ER... 11EL...	M-VT30	M-BT 08
6082-10-20.11-25 R/L	10	25	11	87	20	42			
6082-10-25.11-25 R/L	10	25	11	92	25	47			
6082-10-15.11-32 R/L	10	32	11	85	15	37			
6082-10-20.11-32 R/L	10	32	11	90	20	42			
6082-10-25.11-32 R/L	10	32	11	95	25	47			
6082-12-15.11-25 R/L	12	25	14	82	15	37			
6082-12-20.11-25 R/L	12	25	14	87	20	42			
6082-12-25.11-25 R/L	12	25	14	92	25	47			
6082-12-15.11-32 R/L	12	32	14	85	15	37			
6082-12-20.11-32 R/L	12	32	14	90	20	42			
6082-12-25.11-32 R/L	12	32	14	95	25	47			
6082-16-20.11-25 R/L	16	25	17	82	20	42			
6082-16-25.11-25 R/L	16	25	17	87	25	47			
6082-16-30.11-25 R/L	16	25	17	92	30	52			
6082-16-20.11-32 R/L	16	32	17	85	20	42			
6082-16-25.11-32 R/L	16	32	17	90	25	47			
6082-16-30.11-32 R/L	16	32	17	95	30	52			
6082-16-20.16-25 R/L	16	25	17	82	20	42			
6082-16-25.16-25 R/L	16	25	17	87	25	47			
6082-16-30.16-25 R/L	16	25	17	92	30	52			
6082-16-20.16-32 R/L	16	32	17	85	20	42			
6082-16-25.16-32 R/L	16	32	17	90	25	47			
6082-16-30.16-32 R/L	16	32	17	95	30	52			
6082-20-20.16-25 R/L	20	25	21	82	20	42			
6082-20-25.16-25 R/L	20	25	21	87	25	47			
6082-20-30.16-25 R/L	20	25	21	92	30	52			
6082-20-20.16-32 R/L	20	32	21	85	20	42			
6082-20-25.16-32 R/L	20	32	21	90	25	47			
6082-20-30.16-32 R/L	20	32	21	95	30	52			
6082-25-20.16-25 R/L	25	25	26	82	20	42			
6082-25-25.16-25 R/L	25	25	26	87	25	47			
6082-25-30.16-25 R/L	25	25	26	92	30	52			
6082-25-20.16-32 R/L	25	32	26	85	20	42			
6082-25-25.16-32 R/L	25	32	26	90	25	47			
6082-25-30.16-32 R/L	25	32	26	95	30	52			

Bestellbeispiel: 6082-25-30.16-32 R  
Order example: 6082-25-30.16-32 R

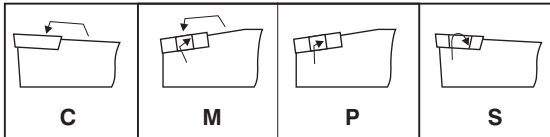
Wendeplatten können Sie in unserem Wendeplattenkatalog einsehen! / Inserts you can see in our insert catalog!

# ISO-Bezeichnungen - Wendepplatten

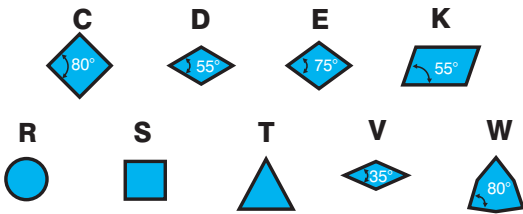
## ISO-marking-inserts

<b>S</b>	<b>C</b>	<b>L</b>	<b>C</b>	<b>R</b>	<b>25</b>	<b>25</b>	<b>M</b>	<b>12</b>	
1	2	3	4	5	6	7	8	9	10

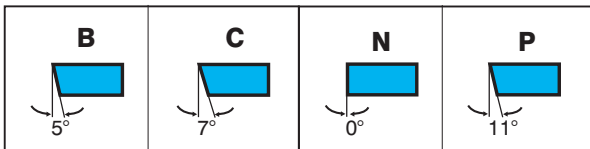
1.



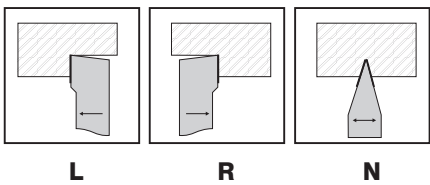
2.



4.

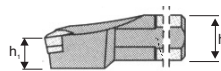


5.



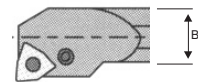
6.

Schafthöhe, mm  
High of shaft, mm



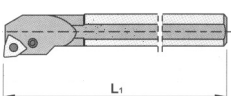
7.

Schaftbreite, mm  
Wide of shaft, mm



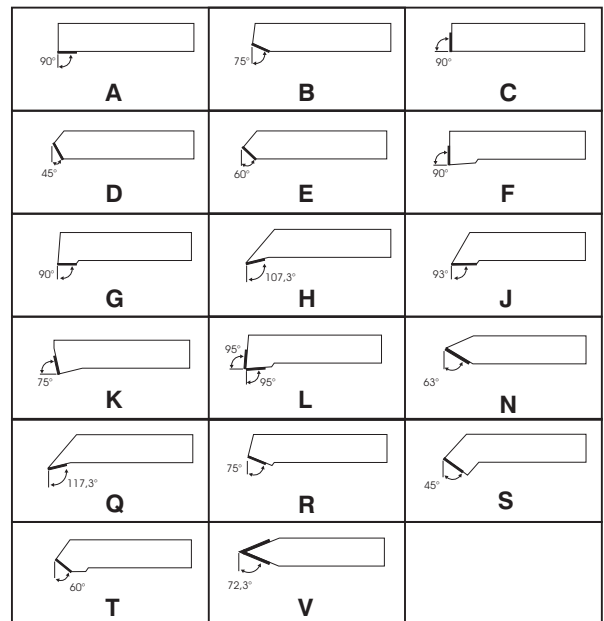
8.

Werkzeiglänge, mm - Length of Boringbars, mm



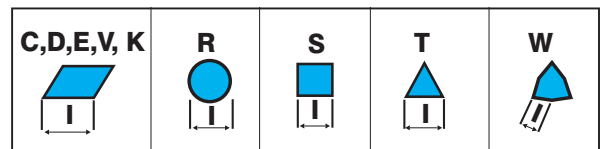
<b>D</b> 60	<b>L</b> 140	<b>T</b> 300
<b>E</b> 70	<b>M</b> 150	<b>U</b> 350
<b>F</b> 80	<b>P</b> 170	<b>V</b> 400
<b>H</b> 100	<b>R</b> 200	
<b>K</b> 125	<b>S</b> 250	

3.

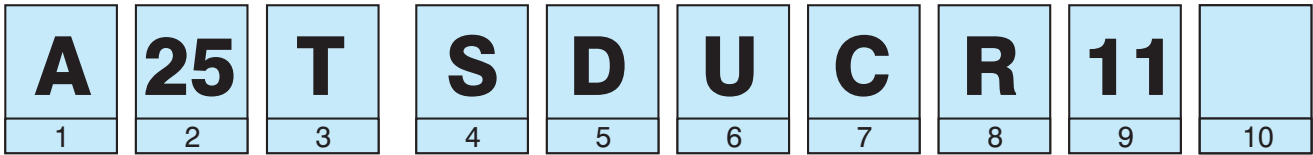


9.

Schneidkantenlänge, mm - Cuttinglength of insert, mm



# ISO-Bezeichnungen - Wendeplatten ISO-marking-inserts



1.

**A** Bohrstange aus Stahl mit Kühlmittelzuführung  
*Steel-Boringbars with inner coolant*

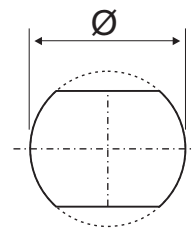
**H** Bohrstange mit schwingungsgedämpftem Schaft  
*Boringbars with vibrationreduced shaft*

**J** Bohrstange mit Kühlmittelzufuhr und schwingungsgedämpftem Schaft  
*Boringbars with inner coolant and vibrationreduced shaft*

**S** Standard-Bohrstange aus Stahl  
*Standard boringbars out of steel*

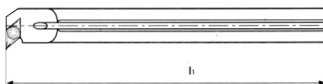
2.

Durchmesser der Bohrstange in mm  
*Diameter of Boringbars in mm*



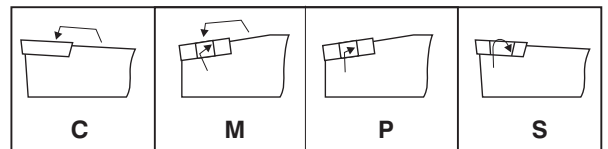
3.

Werkzeuglänge, mm  
*Length of Boringbars, mm*

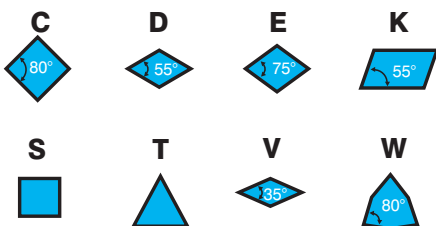


<b>K</b>	125	<b>R</b>	200	<b>V</b>	400
<b>L</b>	140	<b>S</b>	250	<b>W</b>	450
<b>M</b>	150	<b>T</b>	300	<b>Y</b>	500
<b>Q</b>	180	<b>U</b>	350	Special	

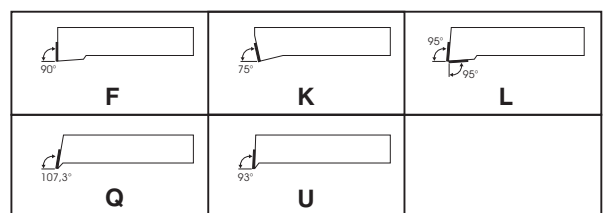
4.



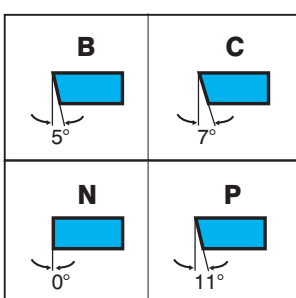
5.



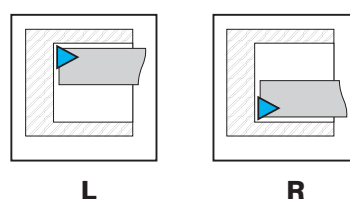
6.



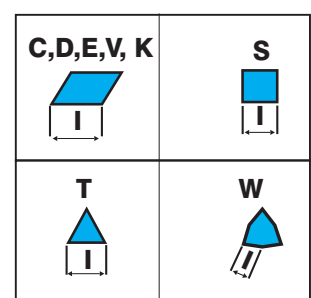
7.



8.



9.





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