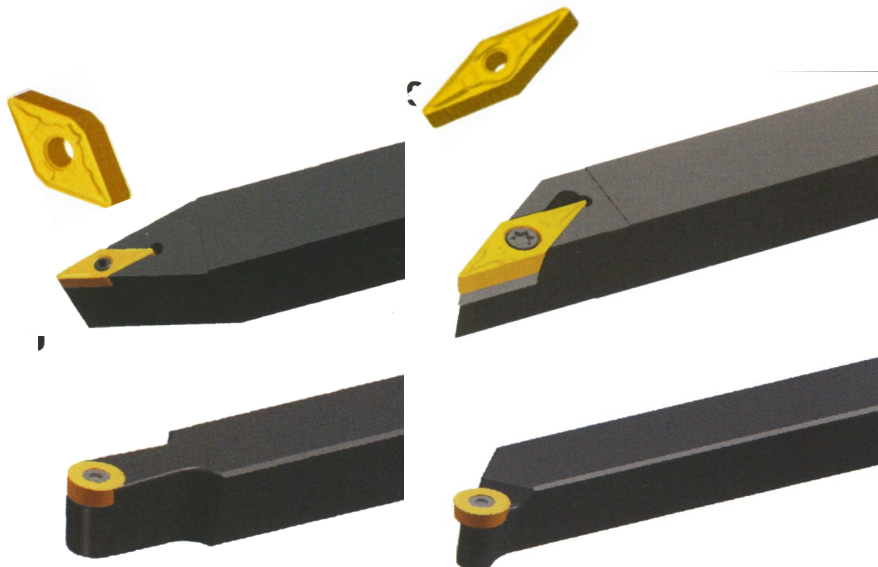
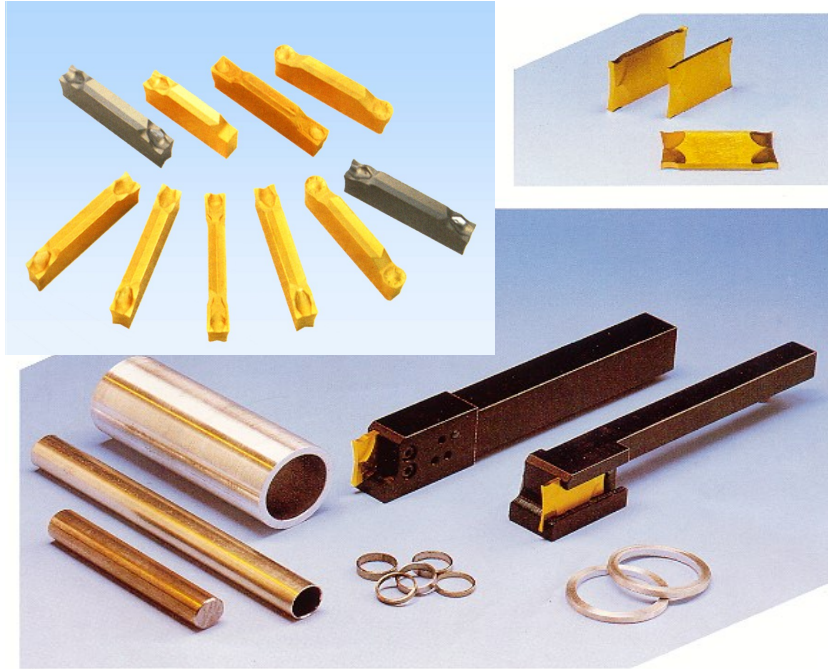
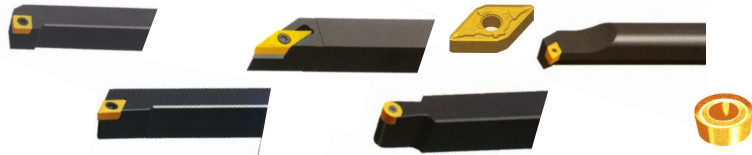


HM-Wendeplatten Drehen

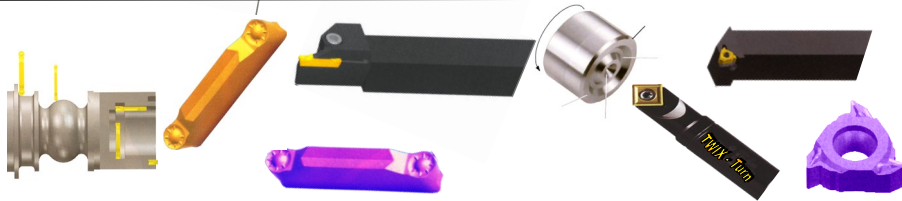


VHM - Wendeplatten - Drehen



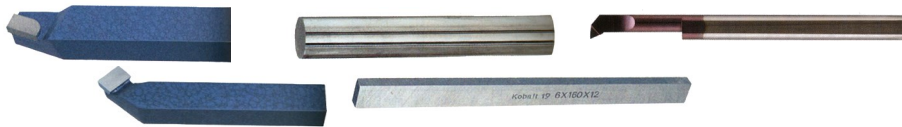
Twix Turn **ISO** - Drehen

4/3 - 4/6



Twix Turn ISO - Drehen
2 Schneiden Stech- und Drehprogramm
4 Schneiden Stechprogramm
NC - Anbohrer
Fasenfräser
Gewindedrehen

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4/8
4/8
4/9
4/9



HM - Drehstähle

HSSE - Co10 Drehlinge

VHM - **Micro** - Drehstähle

4/29

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9000 R / 9000 L r=rechts l=links
95° Abbildung = rechts

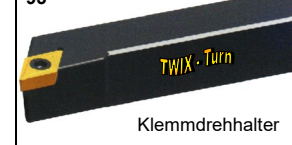


Klemmdrehhalter

Bestell-Beispiel: Art.-Nr. 9000 R10 = Bestell-Nr. 9000r1000

Art. - Nr.		Abmessungen mm						Preis CHF
SCLCR	SCLCL	a	b	L	h	s	e	
9000R 08	9000L 08	08	08	60	08	10	08	47.30
9000R 10	9000L 10	10	10	70	10	12	10	49.40
9000R 12	9000L 12	12	12	80	12	16	16	53.60
9000R 16	9000L 16	16	16	100	16	20	16	68.30
9000R 20	9000L 20	20	20	125	20	25	25	74.60
9000R 25	9000L 25	25	25	150	25	32	26	79.80

9010 R / 9010 L r=rechts l=links
93° Abbildung = rechts



Klemmdrehhalter

Bestell-Beispiel: Art.-Nr. 9010 R10 = Bestell-Nr. 9010r1000

Art. - Nr.		Abmessungen mm						Preis CHF
SDJCR	SDJCL	a	b	L	h	s	e	
9010R 10	9010L 10	10	10	70	10	12	15	55.70
9010R 12	9010L 12	12	12	80	12	16	15	59.90
9010R 16	9010L 16	16	16	100	16	20	18	79.80
9010R 20	9010L 20	20	20	125	20	25	24	81.90
9010R 25	9010L 25	25	25	150	25	32	29	81.90

9020 R / 9020 L r=rechts l=links
Abbildung = rechts



Klemmdrehhalter

Bestell-Beispiel: Art.-Nr. 9020 R2010 = Bestell-Nr. 9020r2010

Art. - Nr.		Abmessungen mm					Preis CHF
SRGCR	SRGCL	a	b	L	h	s	
9020R 2010	9020L 2010	20	20	125	20	25	74.60
9020R 2510	9020L 2510	25	25	150	25	32	81.90
9020R 2012	9020L 2012	20	20	125	20	25	74.60
9020R 2512	9020L 2512	25	25	150	25	32	81.90

Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9001 TIN												
9001 ALU												
9002 TIALN												
9201 CBN												

VHM-Wendeplatten				Schraube	Schlüssel	Unterlage	Zwischen Schraube
TIN-Beschichtet	f. ALU + Kunststoff	TIALN-Beschichtet	CBN				

Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	9007-1 M 2.5 CHF 4.80	9008-1 T07 CHF 4.10
CCMT0602..		CCGX0602..		CCMT0602..		CCGW..			
9001 R 0.4	6.00	9001AL R 0.2	7.60	9002 R 0.4	7.00	9201 R 0.4	46.20		
9001 R 0.8	6.00	9001AL R 0.4	7.60	9002 R 0.8	7.00	9201 R 0.8	46.20		
CCMT09T3..		CCGX09T3..		CCMT09T3..		CCGW..			
9003 R 0.4	6.80	9003AL R 0.4	8.30	9004 R 0.4	8.10	9203 R 0.4	78.00		
9003 R 0.8	6.80	9003AL R 0.8	8.30	9004 R 0.8	8.10	9203 R 0.8	78.00		
CCMT1204..		CCGX1204..		CCMT1204..		CCGW..			
9005 R 0.4	8.90	9005AL R 0.4	10.30	9006 R 0.4	10.20	9205 R 0.4	78.00		
9005 R 0.8	8.90	9005AL R 0.8	10.30	9006 R 0.8	10.20	9205 R 0.8	78.00		
								9007-3 M 4.0 CHF 4.80	9008-3 T15 CHF 4.10
								9009-1 CHF 3.60	9009-2 CHF 3.30

Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9011 TIN												
9011 ALU												
9012 TIALN												
9211 CBN												

VHM-Wendeplatten				Schraube	Schlüssel	Unterlage	Zwischen Schraube
TIN-Beschichtet	f. ALU + Kunststoff	TIALN-Beschichtet für INOX	CBN				

Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	9016-1 M 2.5 CHF 4.80	9019-1 T07 CHF 4.10
DCMT0702...		DCGX0702...		DCMT0702...		DCGW...			
9011 R 0.4	6.60	9011AL R 0.2	8.30	9012 R 0.4	7.70	9211 R 0.4	53.00		
9011 R 0.8	6.60	9011AL R 0.4	8.30	9012 R 0.8	7.70	9211 R 0.8	53.00		
DCMT11T3...		DCGX11T3...		DCMT11T3...		DCGW...			
9013 R 0.4	7.70	9013AL R 0.2	8.90	9014 R 0.4	8.70	9213 R 0.4	78.00		
9013 R 0.8	7.70	9013AL R 0.4	8.90	9014 R 0.8	8.70	9213 R 0.8	78.00		
9013 R 1.2	7.70	9013AL R 0.8	8.90	9014 R 1.2	8.70				
								9016-2 M 3.5 CHF 4.80	9019-2 T15 CHF 4.10
								9017 CHF 3.60	9018 M5 CHF 3.30

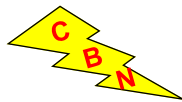
Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9021 TIN												
9023 TIALN												

Bestell-Beispiel: Art.-Nr. 9021 Ø 10 R5 = Bestell-Nr. 9021r1000

VHM-Wendeplatten	
TIN-Beschichtet	TIALN-Beschichtet für INOX

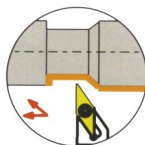
Art.-Nr.	Preis	Art.-Nr.	Preis
RCMX...		RCMX...	
9021 Ø 10 mm R5	6.20	9023 Ø 10 mm R5	7.20
9021 Ø 12 mm R6	7.10	9023 Ø 12 mm R6	8.20

9025-1 M 3.5 x 10 CHF 4.80	9028 T15 CHF 3.30
9025-2 M 3.5 x 12 CHF 4.80	9029 CHF 2.80
	9026 CHF 1.6
	9027 M5 CHF 3.90



GRATIS
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9030 R / 9030 L r=rechts l=links



Bestell-Beispiel: Art.-Nr. 9030 R16 = Bestell-Nr. 9030R1600

Art. - Nr.		Abmessungen mm						Preis CHF
SVABR	SVABL	a	b	L	h	s	e	
9030R 16	9030L 16	16	16	100	16	16.5	32	79.80
9030R 20	9030L 20	20	20	125	20	20.5	32	81.90
9030R 25	9030L 25	25	25	150	25	25.5	38	81.90

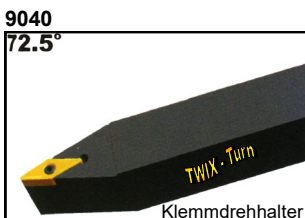
Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9031 TIN		○	●	●	○	○				○	○	●
9031 ALU	●	●							○	●		
9032 TIALN			○	●	●	●		●	●	●	●	●
9231 CBN				○	○	●	●	●	○		○	

VHM-Wendeplatten

TIN-Beschichtet f. ALU + Kunststoff TIALN-Beschichtet CBN

Bestell-Beispiel: Art.-Nr. 9031 R0.4 = Bestell-Nr. 9031R0400

Schraube	Schlüssel	Unterlage	Zwischen Schraube
9034 M 3.5 CHF 3.30	9037 T15 CHF 4.10 9038 CHF 2.80	9035 CHF 4.10	9036 M5 CHF 3.30



Bestell-Beispiel: Art.-Nr. 9040 12 = Bestell-Nr. 90401200

Art. - Nr.		Abmessungen mm						Preis CHF
SVVBN		a	b	L	h	s	e	
9040 12		12	12	80	12	6	27	59.90
9040 16		16	16	100	16	8	27	79.80
9040 20		20	20	125	20	10	30	81.90
9040 25		25	25	150	25	12.5	38	81.90

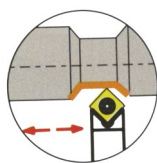
Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9041 TIN		○	●	●	○	○				○	○	●
9041 ALU	●	●							○	●		
9042 TIALN			○	●	●	●		●	●	●	●	●
9243 CBN				○	○	●	●	●	○		○	

VHM-Wendeplatten

TIN-Beschichtet f. ALU + Kunststoff TIALN-Beschichtet CBN

Bestell-Beispiel: Art.-Nr. 9041 R0.2 = Bestell-Nr. 9041R0200

Schraube	Schlüssel	Unterlage	Zwischen Schraube
9046-1 M 2.5 CHF 3.30	9049-1 T07 CHF 4.10		
9046-2 M 3.5 CHF 3.30	9049-2 T15 CHF 4.10 9049-3 CHF 2.80	9047 CHF 3.30	9048 M5 CHF 3.30



Art. - Nr.		Abmessungen mm						Preis CHF
SSDCN		a	b	L	h	s	e	
9050 12		12	12	80	12	6	15.5	59.90
9050 16		16	16	100	16	8	15.5	79.80
SSSCR 9050 20		20	20	125	20	21	24	93.50

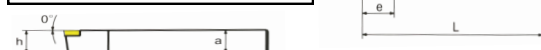
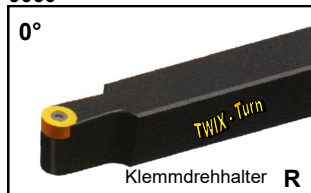
Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9001 TIN		○	●	●	○	○				○	○	●
9001 ALU	●	●							○	●		
9002 TIALN			○	●	●	●		●	●	●	○	●

VHM-Wendeplatten

TIN-Beschichtet f. ALU + Kunststoff TIALN-Beschichtet für INOX CBN

Schraube	Schlüssel	Unterlage	Zwischen Schraube
9055-1 M 3.5 x 8 CHF 3.30	9058-1 T15 CHF 4.10		
9055-2 M 3.5 x 12 CHF 3.30	9058-1 T15 CHF 4.10 9059-1 CHF 4.10	9056-1 CHF 4.00	9057-1 CHF 3.30
9055-3 M 4 x 11 CHF 4.00	9058-1 T15 CHF 4.10 9059-2 4.10	9056-2 CHF 4.70	9057-2 CHF 4.80

9060



Bestell-Beispiel: Art.-Nr. 9060 Ø 16 = Bestell-Nr. 90601608

Art. - Nr. SRDCN	Abmessungen mm						Preis CHF
	a	b	L	h	s	e	
9060 1608	16	16	100	16	8	16	79.80
9060 2012	20	20	150	20	10	28	79.80
9060 2512	25	25	150	25	12.5	28	79.80
9060 3212	32	25	170	32	12.5	35	93.50
9060 3216	32	25	170	32	12.5	35	93.50

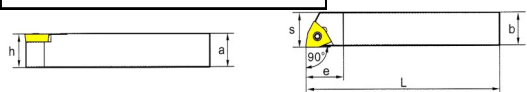
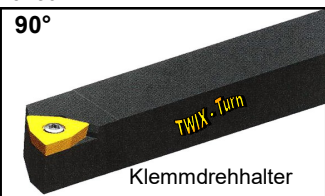
Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9061 TIN	●	●	●	●	●	●	●	●	●	●	●	●
9062 TIALN	○	●	●	●	●	●	●	●	●	●	●	●

Bestell-Beispiel: Art.-Nr. 9061 Ø 8 R4 = Bestell-Nr. 90610800

VHM-Wendeplatten			
TIN-Beschichtet		TIALN-Beschichtet für INOX	
Art.-Nr.	Preis	Art.-Nr.	Preis
RCMT1204...		RCMT1204...	
9061 Ø 8 mm R4	6.80	9062 Ø 8 mm R4	7.90
9061 Ø 12 mm R6	7.90	9062 Ø 12 mm R6	8.90
9061 Ø 12 mm R6	7.90	9062 Ø 12 mm R6	8.90
9061 Ø 12 mm R6	7.90	9062 Ø 12 mm R6	8.90
9061 Ø 16 mm R8	11.50	9062 Ø 16 mm R8	12.50

Schraube	Schlüssel	Unterlage	Zwischen Schraube
9064-1 M 3 CHF 3.30	9067 T10 CHF 4.10		
9064-2 M 3.5 CHF 3.30	9069-1 T15 CHF 4.10	9065-1 CHF 1.60	9066-1 M 5 CHF 3.90
9064-3 M 4 CHF 3.30	9069-2 T15 CHF 2.80	9065-2 CHF 1.60	9066-2 M 6 CHF 3.90

9150



Bestell-Beispiel: Art.-Nr. 9150 10 = Bestell-Nr. 91501000

Art. - Nr. SWACR	Abmessungen mm						Preis CHF
	a	b	L	h	s	e	
9150 10	10	10	70	10	10.5	10	49.40
9150 12	12	12	80	12	12.0	14	53.60
9150 16	16	16	100	16	16.5	20	70.40
9150 20	20	20	125	20	20.5	24	72.50

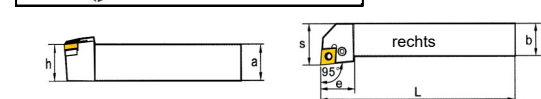
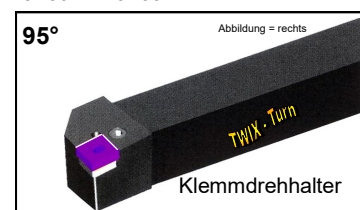
Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9151 TIN	●	●	●	●	●	●	●	●	●	●	●	●
9152 TIALN	○	●	●	●	●	●	●	●	●	●	●	●

Bestell-Beispiel: Art.-Nr. 9151 R0.8 = Bestell-Nr. 9151R080

VHM-Wendeplatten			
TIN-Beschichtet		TIALN-Beschichtet für INOX	
Art.-Nr.	Preis	Art.-Nr.	Preis
WCMX040208...		WCMX040208...	
9151 R 0.8	8.70	9152 R 0.8	9.90
9151 R 0.8	8.70	9152 R 0.8	9.90
WCMX06T308...		WCMX06T308...	
9153 R 0.8	9.60	9154 R 0.8	10.60
WCMX080412...		WCMX080412...	
9155 R 1.2	9.60	9156 R 1.2	10.60



9160 R / 9160 L



Bestell-Beispiel: Art.-Nr. 9160 R20 = Bestell-Nr. 9160R2000

Art. - Nr. PCLNR	Abmessungen mm						Preis CHF
	a	b	L	h	s	e	
9160 R20	20	20	125	20	25	28	72.50
9160 R25	25	25	150	25	32	28	72.50
9160 R32	32	32	170	32	40	28	95.60

Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9161 TIALN	○	●	●	●	●	●	●	●	●	●	●	●



VHM-Wendeplatte	
TIALN-Beschichtet für INOX	
Art.-Nr.	Preis
CCNM1204...	
9161 R 0.4	7.10
9161 R 0.8	7.10
9161 R 1.2	7.10

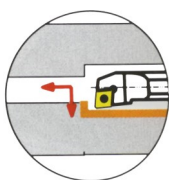
Schraube	Unterlage	Schlüssel	Kniehebel	Rohrstift
9165 M 8 CHF 6.90	9166 C 12 CHF 4.70	9167 H 30 CHF 3.90	9168 CHF 9.70	9169 CHF 2.80

Bohrstangen VHM - Wendeplatten ISO-Drehen

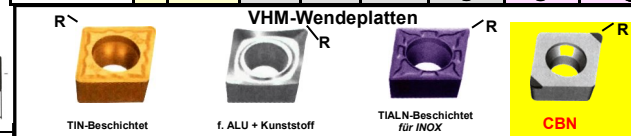


TWIX - Turn

9070 R / 9070 L r=rechts l=links



Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochverglütete Stähle	INOX	TITAN/ Cu	GG (G)	Universal
9071 TIN												
9071 ALU												
9072 TIALN												
9271 CBN												



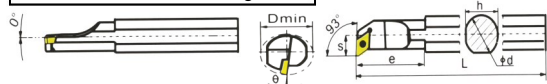
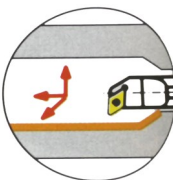
Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
CCMT09T3...		CCGX09T3...		CCMT09T3...		CCGW09T3...	
9071 R 0.4	6.80	9071AL R 0.4	8.30	9072 R 0.4	8.90	9271 R 0.4	78.00
9071 R 0.8	6.80	9071AL R 0.8	8.30	9072 R 0.8	8.90	9271 R 0.8	78.00

Schraube	Schlüssel
9074-1 M3.5x8 CHF 3.30	9076 T15 CHF 4.10
9074-2 M3.5x10 CHF 3.30	

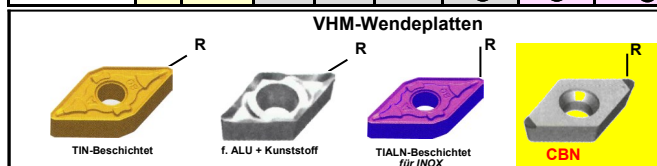
Bestell-Beispiel: Art.-Nr. 9070 R16 = 9070R1600

Bestell-Beispiel: Art.-Nr. 9071 R0.4 = Bestell-Nr. 9071R0040

9080 R / 9080 L r=rechts l=links



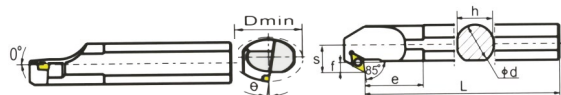
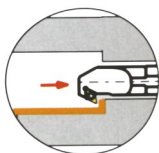
Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochverglütete Stähle	INOX	TITAN/ Cu	GG (G)	Universal
9081 TIN												
9081 ALU												
9082 TIALN												
9281 CBN												



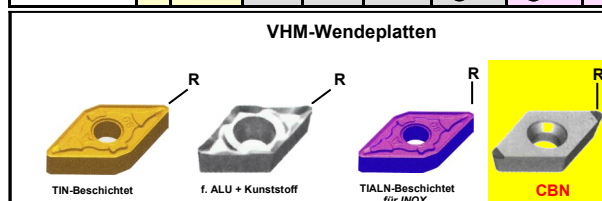
Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
DCMT0702...		DCGX0702...		DCMT0702...		DCGW...	
9081 R 0.4	5.60	9081AL R 0.2	7.20	9082 R 0.4	7.90	9281 R 0.4	53.00
9081 R 0.8	5.60	9081AL R 0.4	7.20	9082 R 0.8	7.90	9281 R 0.8	53.00
DCMT11T3...		DCGX11T3...		DCMT11T3...		DCGW...	
9083 R 0.4	7.70	9083AL R 0.4	9.40	9084 R 0.4	10.00	9283 R 0.4	78.00
9083 R 0.8	7.70	9083AL R 0.8	9.40	9084 R 0.8	10.00	9283 R 0.8	78.00

Schraube	Schlüssel
9086-1 M2.5x 5.5 CHF3.30	9088-1 T07 CHF 4.10
9086-2 M2.5x6.5 CHF3.30	
9086-3 M3.5x8 CHF3.30	9088-2 T15 CHF 4.10
9086-4 M3.5x10 CHF3.30	

9090 R / 9090 L / 9092 R / 9092 L r=rechts l=links



Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochverglütete Stähle	INOX	TITAN/ Cu	GG (G)	Universal
9093 TIN												
9093 ALU												
9094 TIALN												
9293 CBN												



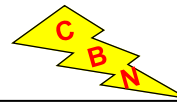
Art. - Nr.	Abmessungen mm	Preis CHF
SDZCR SDZCL	Dmin od h L s o° e	
9090R 32 9090L 32	32 25 23 300 17 -6° 30	207.90
*9092R 32 *9092L 32	32 25 24 200 17 -6° 39	211.00
*9092R 40 *9092L 40	40 32 31 250 22 -6° 74	238.40

Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
DCMT11T3...		DCGX11T3...		DCMT11T3...		DCGW...	
9093 R 0.4	7.70			9094 R 0.4	8.70		
9093 R 0.8	7.70	9093AL R 0.4	8.30	9094 R 0.8	8.70	9293 R 0.4	78.00
9093 R 1.2	7.70	9093AL R 0.8	8.30	9094 R 1.2	8.70	9293 R 0.8	78.00

Schraube	Unterlage	Zwischen schraube	Schlüssel 1
9095-1 M3.5x10 CHF 3.30			9098-1 T15 CHF 4.10
9095-2 M3.5x12 CHF 3.30	9096 CHF 3.60	9097 CHF 3.30	9098-2 T15 CHF 4.10
			9098-3 CHF 4.10

* Mit Kühlbohrung

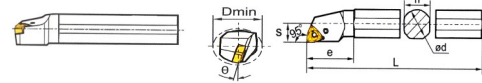
202202



9170 R / 9170 L r=rechts l=links



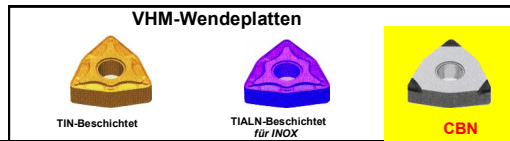
Bohrstangen



Art. - Nr.		Abmessungen mm							Preis CHF
PWLN R	PWLN L	Dmin	od	h	L	s	o°	e	
9170R 20	9170L 20	20	16	15	150	11	-13°	25	94.-
9170R 25	9170L 25	25	20	18	180	13	-13°	32	115.-
9170R 32	9170L 32	32	25	23	180	17	-13°	45	125.-

Bestell-Beispiel: Art.-Nr. 9170R 20 = Bestell-Nr. 9170r2000

Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergrößerte Stähle	INOX	TITAN / Cu	GG (G)	Universal
9171 TIN	○	●	●	●	●	○	○	○	○	○	○	●
9172 TIALN	○	●	●	●	●	○	○	○	○	○	○	●
9273 CBN	○	○	○	○	○	○	○	○	○	○	○	○



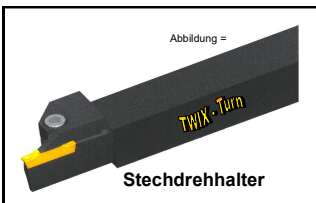
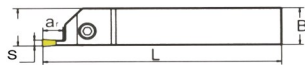
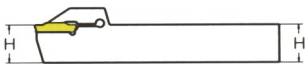
Bestell-Beispiel: Art.-Nr. 9171 R 0.8 = Bestell-Nr. 9171r0080

Schraube	Schlüssel	Kniehebel
9177-1 M5x12 CHF 3.30	9178-1 H20 CHF 4.10	9179-1 CHF 9.70
9177-2 M6x13.4 CHF 6.90	9178-2 H25 CHF 3.90	9179-2 CHF 9.70

VHM - 2 Schneiden - Stech- und Drehprogramm

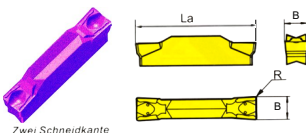


9100 R / 9100 L r=rechts l=links

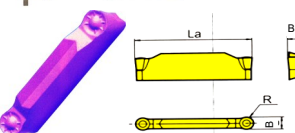
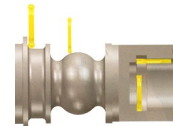


Stechdrehhalter

Materialeignung	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergrößerte Stähle	INOX	TITAN / Cu	GG (G)	Universal
9101 TIN	○	●	●	●	●	○	○	○	○	○	○	●
9103 TIALN	○	●	●	●	●	○	○	○	○	○	○	●



Zwei Schneidkanten



Formdrehen

VHM-Wendeplatten										VHM-Wendeplatten									

Art.- Nr. Halter	H & B	ar max	Preis	Art.- Nr.	WP TiAlN	Preis	Art.- Nr.	WP B TiN	WP R TiN	Preis	Art.- Nr.	WP B TiAlN	WP R TiAlN	Preis	Schraube & Schlüssel
9100R1620	16 x 16	17	154.40	9103 2.0	2.0	22.10									Schraube / Artikel 9106-1 M5 x 20 mm CHF 3.90 Schlüssel / Artikel 9108-1 CHF 2.80
9100R1622	16 x 16	17	154.40	9103 2.2	2.2	22.10									
9100R1624	16 x 16	17	15.40	9103 2.4	2.4	22.10									
9100R1625	16 x 16	17	122.90	9103 2.5	2.5	16.80	9102 2.5	2.5	1.25	14.70	9104 2.5	2.5	1.25	16.80	
9100R2025	20 x 20	17	164.90	9103 2.5	2.5	22.10									Schraube / Artikel 9106-2 M6 x 20 mm CHF 3.90 Schlüssel / Artikel 9108-2 CHF 2.80
9100R2026	20 x 20	17	164.90	9103 2.6	2.6	24.20									
9100R2028	20 x 20	17	164.90	9103 2.8	2.8	24.20									
9100R2030	20 x 20	17	133.40	9103 3.0	3.0	18.90	9102 3.0	3.0	1.5	16.80	9104 3.0	3.0	1.5	18.90	
9100R2535	25 x 25	22	174.30	9103 3.5	3.5	27.30									
9100R2538	25 x 25	22	174.30	9103 3.8	3.8	27.30									
9100R2540	25 x 25	22	142.80	9103 4.0	4.0	20.00	9102 4.0	4.0	2.0	17.90	9104 4.0	4.0	2.0	20.00	
9100R2545	25 x 25	22	174.30	9103 4.5	4.5	26.30									
9100R2548	25 x 25	22	174.30	9103 4.8	4.8	26.30									
9100R2550	25 x 25	22	142.80	9103 5.0	5.0	21.00	9102 5.0	5.0	2.5	18.90	9104 5.0	5.0	2.5	21.00	
9100R2555	25 x 25	22	186.90	9103 5.5	5.5	27.30									
9100R2558	25 x 25	22	186.90	9103 5.8	5.8	27.30									
9100R2560	25 x 25	22	155.40	9103 6.0	6.0	22.10	9102 6.0	6.0	3.0	20.00	9104 6.0	6.0	3.0	22.10	

Zwischenmasse Halter + CHF 30.00

Zwischenmasse Wendeplatten + CHF 5.00

VHM-WP-NC-Anbohrer

Art.-Nr. 9125, Set: 1 Halter + 6 Platten

Mit 4-Schneiden-Wendeplatten, 1 Werkzeug für 8 verschiedenen Arbeitsgänge:
Gravieren, Zentrieren, Axialdrehen, Einstechen, Ansenken, Anfasen, Zentrierbohren,
Entgraten

Das universelle Werkzeug mit 4-VHM-Schneiden. Hohe Effizienz, niedriger Preis.

Für die Bearbeitung sämtlicher Materialien. CNC-Drehmaschinen und Bearbeitungszentren.



Art.-Nr.	Abmessung			Preis in CHF	Platten TIN	Platten TiAlN	Schraube	Schlüssel
	a	L	L		CHF 17.30	CHF 18.40	CHF 5.50	CHF 6.80
912016	16mm	100mm	90°	78.-	Art.-Nr. 9122 R 0.4	Art.-Nr. 9123 R 0.4	Art.-Nr. 9127	Art.-Nr. 9128

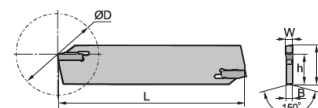
Stechschwert zur Aussenbearbeitung

Halter:

Art.-Nr.	Abmessung in mm						WSP	Preis in CHF
	H	L	h	B	W	Ø max.		
92002625	26	110	19	2	2.5	60	9202	59.90
92003225	32	150	24.6	2	2.5	100	9202	70.40
92002630	26	110	19	2.4	3	60	9203	59.90
92003230	32	150	24.6	2.4	3	100	9203	70.40
92002640	26	110	19	3.2	4	70	9204	59.90
92003240	32	150	24.6	3.2	4	120	9204	70.40
92002650	26	110	19	4	5	70	9205	59.90
92003250	32	150	24.6	4	5	120	9205	40.40
92002660	26	110	19	5	6	70	9206	59.90
92003260	32	150	24.6	5	6	120	9206	70.40

WSP zum Ein- und Abstechen:

Art.-Nr.	S±0.10	R±0.1	f	Preis in CHF
9202	2.5	0.2	0.03-0.1	11.60
9203	3.0	0.2	0.04-0.13	13.70
9204	4.0	0.2	0.07-0.18	14.70
9205	5.0	0.3	0.1-0.24	17.90
9206	6.0	0.4	0.12-0.29	18.90

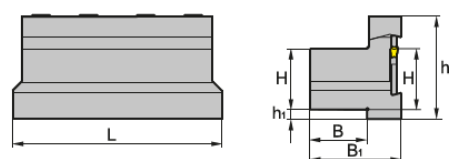


Spannblock aussen

Art.-Nr.	Abmessung in mm						Preis in CHF
	H	L	h ₁	h ₂	B	B ₁	
922620	20	86	10	46.6	19	38	136.50
922625	25	86	5	46.6	23	42	136.50
922632	32	86	3	51.6	30	48	149.10
923220	20	110	13	50	19	38	149.10
923225	25	110	8	50	23	42	149.10
923232	32	110	5	54	30	48	149.10



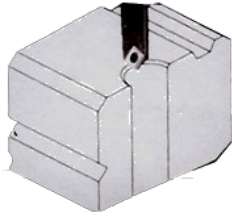
Ersatzteile			
	WSP	QE**26	QE**32
	H	20-32	20-32
	Pratze	QZC26	QZC32
	Schlüssel	W50RL	W50RL
	Schraube	GB70-85-M6x20	GB70-85-M6x20



Prismenfräser 45° + Senker

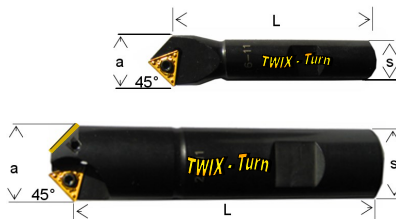
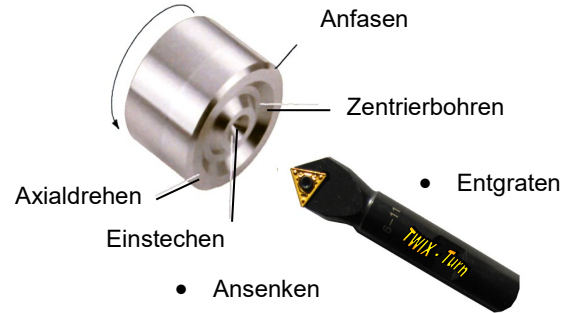
TWIX - Turn + Nuten- u. Fasenfräser

8 Arbeitsgänge - 1 Werkzeug



Das universelle Werkzeug mit 3-VHM-Schneiden.
Hohe Effizienz, niedriger Preis.

Für die Bearbeitung sämtlicher Materialien.
CNC-Drehmaschinen und Bearbeitungszentren.



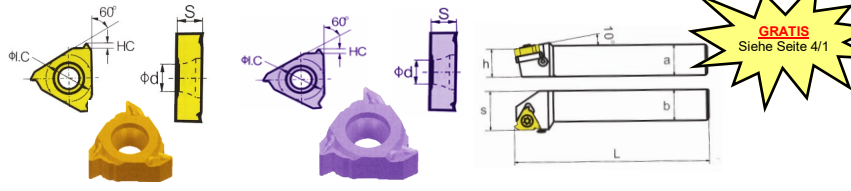
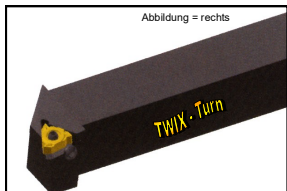
Bestell-Beispiel: Art.-Nr. 9130 Ø16 = Bestell-Nr. 91301600

Art. - Nr. Klemmdrehhalter	Abmessungen mm				Preis CHF	Wendeplatten TIN	Preis CHF	Wendeplatten TIALN	Preis CHF	Schraube	Schlüssel
	a	s	L	45°							
9130 16	Ø 16	16	12	70	45°	77.70	 Art.-Nr. 9132 R 0.4	 Art.-Nr. 9134 R 0.4	13.10	 Art.-Nr. 9136 CHF 5.50	 Art.-Nr. 9138 CHF 6.80
9130 21	Ø 21	21	20	90	45°	100.80					

Bestell-Beispiel: Art.-Nr. 9132 R 0.4 = Bestell-Nr. 9132R0040

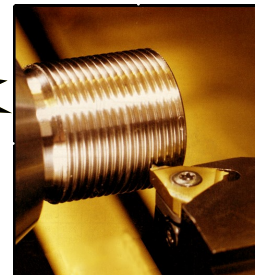
VHM - Wendeplatten Gewinde-Drehen

9140R / 9140L R=rechts L=links



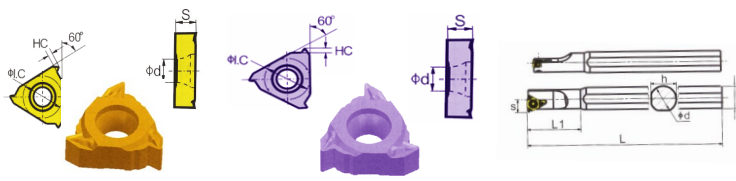
Bestell-Beispiel: Art.-Nr. 9140 R16 = Bestell-Nr. 9140R1600

Bestell-Beispiel: Art.-Nr. 9141 R1.25 = Bestell-Nr. 9141R0125



Art. - Nr. Klemmdrehhalter		Abmessungen mm					Preis CHF	Wendeplatten TIN		Preis CHF	Wendeplatten TIALN		Preis CHF	Schraube	Unterlage	Zwischen- schraube	Schlüssel
		a	h	b	L	s											
9140R 16	9140L 16	16	16	16	100	20	50.40	Rechts  Links 	9141R1,25 9143L1,25 9141R1,50 9143L1,50 9141R1,75 9143L1,75 9141R2,00 9143L2,00 9141R2,50 9143L2,50 9141R3,00 9143L3,00	16.30 16.30 16.30 16.30 16.30 16.30	Rechts  Links 	9142R1,25 9144L1,25 9142R1,50 9144L1,50 9142R1,75 9144L1,75 9142R2,00 9144L2,00 9142R2,50 9144L2,50 9142R3,00 9144L3,00	16.80 16.80 16.80 16.80 16.80 16.80	Art.-Nr. 9146 M3,5 CHF 3.40	Art.-Nr. 9147 CHF 3.60	Art.-Nr. 9148 M4 CHF 3.40	Art.-Nr. 9149-1 T15 CHF 4.30 Art.-Nr. 9149-2 CHF 2.90
9140R 20	9140L 20	20	20	20	125	25	54.60										
9140R 25	9140L 25	25	25	25	150	32	59.90										
9140R 32	9140L 32	32	25	32	170	32	65.10										

9150R / 9150L R=rechts L=links

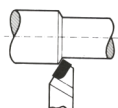


Art. - Nr. Klemmbohrstangen	Abmessungen mm							Preis CHF	Wendeplatten TiN	Preis CHF	Wendeplatten TiAlN	Preis CHF	Schraube	Schlüssel
	a	h	B	Dmin	s	h	L1							
9150R 16	16	150	15	20	12	15.5	40	59.90	Rechts 9151R1,25 9153L1,25 9151R1,50 9153L1,50 9151R1,75 9153L1,75 9151R2,00 9153L2,00 9151R2,50 9153L2,50 9151R3,00 9153L3,00	16.30 16.30 16.30 16.30 16.30 16.30	Rechts 9152R1,25 9154L1,25 9152R1,50 9154L1,50 9152R1,75 9154L1,75 9152R2,00 9154L2,00 9152R2,50 9154L2,50 9152R3,00 9154L3,00	18.40 18.40 18.40 18.40 18.40 18.40	Art.-Nr. 9156 M3,5 CHF 3.40	Art.-Nr. 9158 T15 CHF 4.30
9150R 20	20	180	18	25	14	19.0	45	65.10						
9150L 16	16	150	15	20	12	15.5	40	59.90						
9150L 20	20	180	18	25	14	19.0	45	65.10						

HM - DREHSTÄHLE / Auslaufartikel



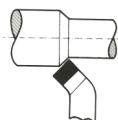
HM - Drehstahl rechts



Schaft ■

Bestell-Nr.	..1200	..1600	..2000	..2500
9210...				
Art. - Nr. 9210	12	16	20	25
Preis CHF	8.40	9.50	11.60	15.80

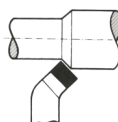
HM - Drehstahl rechts



Schaft ■

Bestell-Nr.	..1200	..1600	..2000	..2500
9212...				
Art. - Nr. 9212	12	16	20	25
Preis CHF	8.40	9.50	11.60	15.80

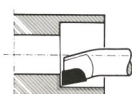
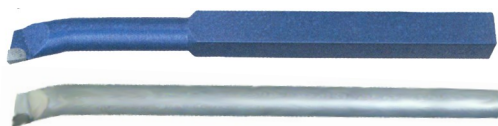
HM - Drehstahl links



Schaft ■

Bestell-Nr.	..1200	..1600	..2000	..2500
9214...				
Art. - Nr. 9214	12	16	20	25
Preis CHF	8.40	9.50	11.60	15.80

HM - Innen - Eckdrehstahl rechts

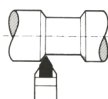


Schaft ■

Schaft ●

Bestell-Nr.	..1000	..1200	..1600	..2000
9216...				
Art. - Nr. 9216	10	12	16	20
Preis CHF	9.50	9.50	11.60	14.70

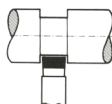
HM - Drehstahl spitz



Schaft ■

Bestell-Nr.	..1600	..2000	..2500
9218...			
Art. - Nr. 9218	16	20	25
Preis CHF	8.40	9.50	11.60

HM- Drehstahl



Schaft ■

Bestell-Nr.	..1000	..1200	..1600	..2000
9220...				
Art. - Nr. 9220	10	12	16	20
Preis CHF	8.40	9.50	11.60	14.70

HSSE - Co10 DREHLINGE / Auslaufartikel

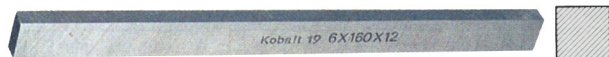
Präzisions - Drehling



Bestell-Nr. 9225...						
..0400100 ..0500100 ..0600100 ..0800100 ..1000100						
Art. - Nr. 9225	Ø x Länge mm	4 x 100	5 x 100	6 x 100	8 x 100	10 x 100
	Preis CHF	4.20	7.40	7.40	9.50	13.70

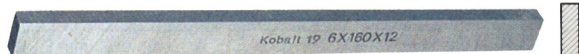
Bestell-Nr.						
9225...		..1200100	..1400160	..1600200	..1800200	..2000200
Art. - Nr. 9225	Ø x Länge mm	12 x 100	14 x 160	16 x 200	18 x 200	20 x 200
	Preis CHF	20.00	36.80	55.70	71.40	81.90

HSSE - Vierkant - Drehling



Bestell-Nr.						
9230...		..0600100	..0800100	..1000100	..1200100	..1600200
Art. - Nr. 9230	Ø x Länge mm	6 x 100	8 x 100	10 x 100	12 x 100	16 x 200
	Preis CHF	8.40	11.60	15.80	24.20	71.40

HSSE - Rechteck - Drehling



Bestell-Nr.				
9235...		..08000400100	..10000600100	..16000400100
Art. - Nr. 9235	Höhe x Länge x Breite mm	8 x 4 x 100	10 x 6 x 100	16 x 4 x 100
	Preis CHF	13.70	16.80	18.90

HSSE - Trapez - Drehling



Bestell-Nr.				
9240...		..12000300100	..16000400100	..20000500160
Art. - Nr. 9240	Höhe x Länge x Breite mm	12 x 3 x 100	16 x 4 x 100	20 x 5 x 160
	Preis CHF	14.70	26.30	41.00