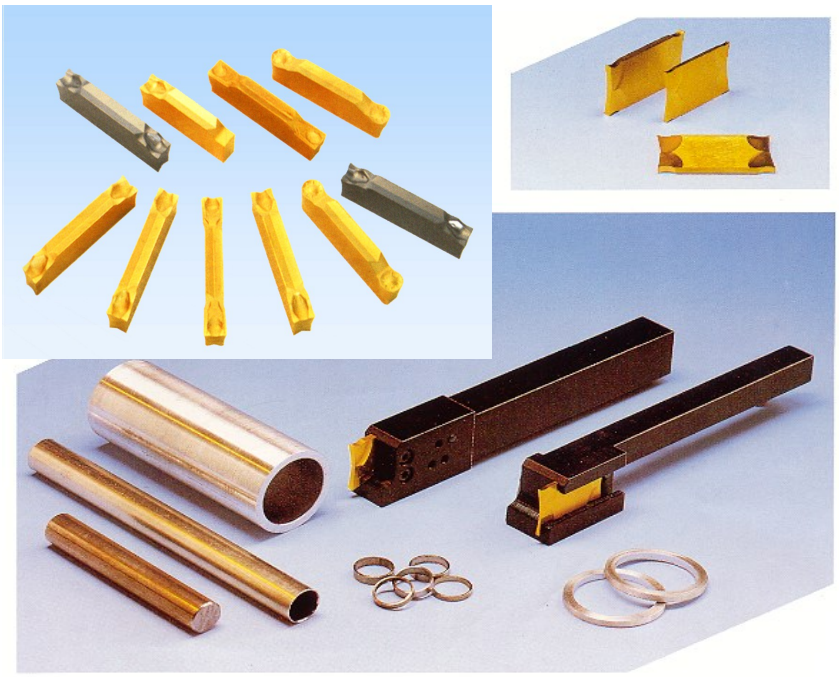
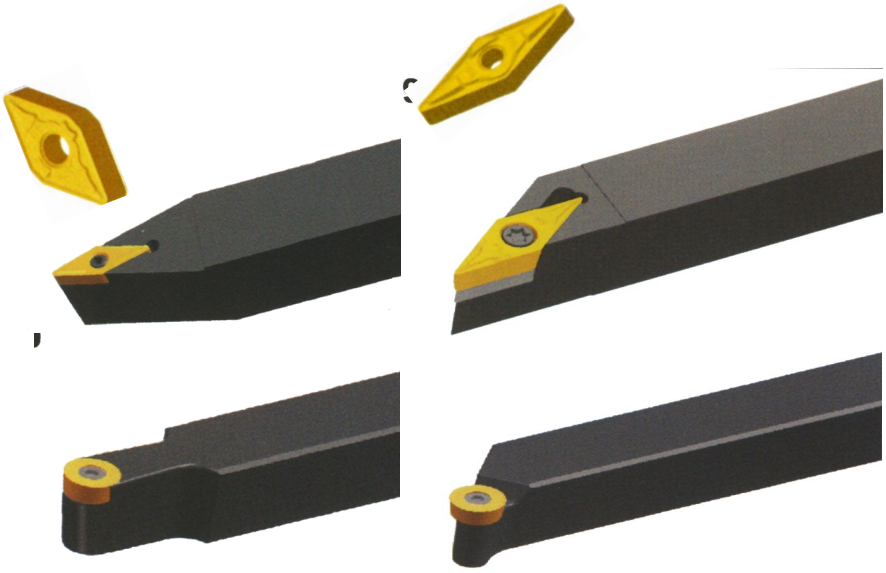
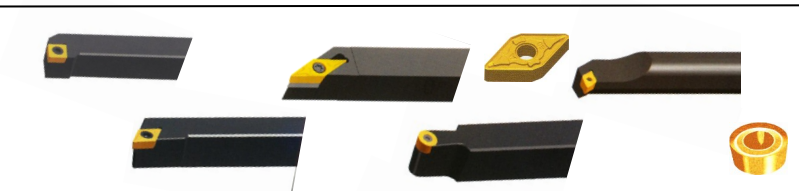
HM-Wendeplatten Drehen

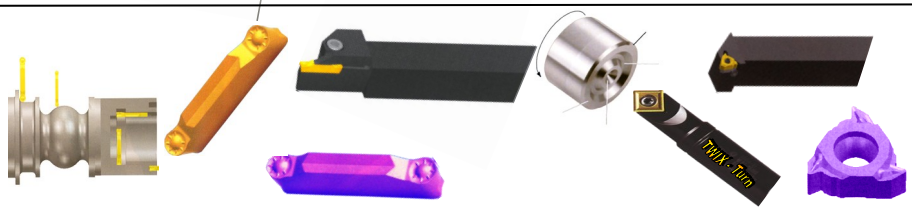




VHM - Wendeplatten - Drehen



Twix Turn **ISO - Drehen** **4/3 - 4/6**



Twix Turn ISO - Drehen **4/7**
2 Schneiden Stech- und Drehprogramm **4/7**
4 Schneiden Stechprogramm **4/8**
NC - Anbohrer **4/8**
Fasenfräser **4/9**
Gewindedrehen **4/9**

HM - Drehstähle
HSSE - Co10 Drehlinge **4/29**
VHM - Micro - Drehstähle **3/48**

TWIX - Turn

Klemmdrehhalter
VHM - Wendeplatten ISO-Drehen

C B N

GRATIS
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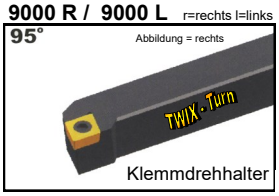
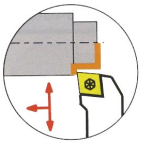
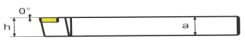
9000 R / 9000 L r=rechts l=links

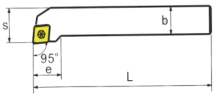
95°

Abbildung = rechts









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

Materialeignung ● Sehr Gut ○ Gut	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

Bestell-Beispiel: Art.-Nr. 9001 R0,4 = Bestell-Nr. 9001r0040

Schraube	Schlüssel	Unterlage	Zwischen Schraube

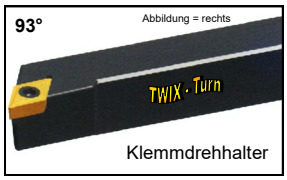
Art. - Nr. SCLCR	Art. - Nr. SCLCL	Abmessungen mm a	b	L	h	s	e	Preis CHF
9000R 08	9000L 08	08	08	60	08	10	08	47.30
9000R 10	9000L 10	10	10	70	10	12	10	49.40
9000R 12	9000L 12	12	12	80	12	16	16	53.60
9000R 16	9000L 16	16	16	100	16	20	16	68.30
9000R 20	9000L 20	20	20	125	20	25	25	74.60
9000R 25	9000L 25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

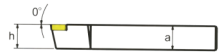
Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Schraube	Schlüssel	Unterlage	Zwischen Schraube
CCMT0602..		CCGX0602..		CCMT0602..		CCGW..		9007-1 M 2.5 CHF 4.80	9008-1 T07 CHF 4.10		
9001 R 0.4	6.00	9001AL R 0.2	7.60	9002 R 0.4	7.00	9201 R 0.4	46.20				
9001 R 0.8	6.00	9001AL R 0.4	7.60	9002 R 0.8	7.00	9201 R 0.8	46.20				
CCMT09T3..		CCGX09T3..		CCMT09T3..		CCGW..		9007-2 M 3.5 CHF 4.80	9008-2 T15 CHF 4.10		
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..		9007-3 M 4.0 CHF 4.80	9008-3 CHF 2.80	9009-1 CHF 3.60	9009-2 CHF 3.30
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				

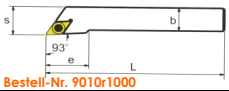
9010 R / 9010 L r=rechts l=links

93°

Abbildung = rechts



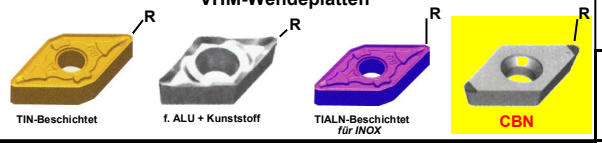




Bestell-Beispiel: Art.-Nr. 9010 R10 = Bestell-Nr. 9010r1000

Materialeignung ● Sehr Gut ○ Gut	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



Bestell-Beispiel: Art.-Nr. 9011 R0.4 = Bestell-Nr. 9011r0040

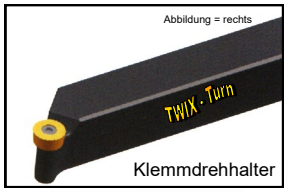
Schraube	Schlüssel	Unterlage	Zwischen Schraube

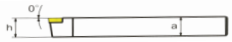
Art. - Nr. SDJCR	Art. - Nr. SDJCL	Abmessungen mm a	b	L	h	s	e	Preis CHF
9010R 10	9010L 10	10	10	70	10	12	15	55.70
9010R 12	9010L 12	12	12	80	12	16	15	59.90
9010R 16	9010L 16	16	16	100	16	20	18	79.80
9010R 20	9010L 20	20	20	125	20	25	24	81.90
9010R 25	9010L 25	25	25	150	25	32	29	81.90

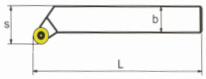
Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Schraube	Schlüssel	Unterlage	Zwischen Schraube
DCMT0702...		DCGX0702...		DCMT0702...		DCGW...		9016-1 M 2.5 CHF 4.80	9019-1 T07 CHF 4.10	GRATIS Siehe Seite 4/1	
9011 R 0.4	6.60	9011AL R 0.2	8.30	9012 R 0.4	7.70	9211 R 0.4	53.00				
9011 R 0.8	6.60	9011AL R 0.4	8.30	9012 R 0.8	7.70	9211 R 0.8	53.00				
DCMT11T3...		DCGX11T3...		DCMT11T3...		DCGW...		9016-2 M 3.5 CHF 4.80	9019-2 T15 CHF 4.10 / 9019-3 CHF 2.80	9017 CHF 3.60	9018 M5 CHF 3.30
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						

9020 R / 9020 L r=rechts l=links

Abbildung = rechts







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

Materialeignung ● Sehr Gut ○ Gut	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. 90211000

GRATIS
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VHM-Wendeplatten

Schraube	Schlüssel	Unterlage	Zwischen Schraube

Art.-Nr.	Preis	Art.-Nr.	Preis	Schraube	Schlüssel	Unterlage	Zwischen Schraube
RCMX...		RCMX...		9025-1 M 3.5 x 10 CHF 4.80	9028 T15 CHF 3.30		
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	9025-2 M 3.5 x 12 CHF 4.80	9029 CHF 2.80	9026 CHF 1.6	9027 M5 CHF 3.90

Art. - Nr. SRGCR	Art. - Nr. SRGCL	Abmessungen mm a	b	L	h	s	Preis CHF
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

TWIX - Turn

GRATIS
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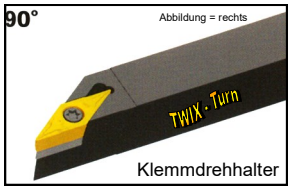
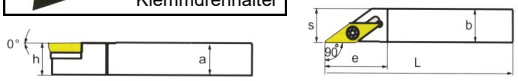
9030 R / 9030 L

r=rechts l=links

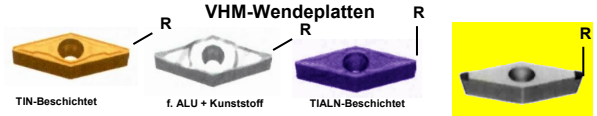




Bestell-Beispiel: Art.-Nr. 9030 R16 = Bestell-Nr. 9030r1600

Materialeignung ● Sehr Gut ○ Gut	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



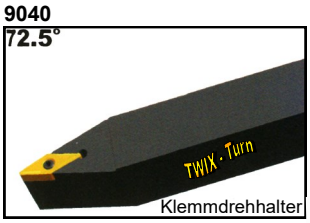
Bestell-Beispiel: Art.-Nr. 9031 R0,4 = Bestell-Nr. 9031r0040

Art. - Nr. SVABR	Art. - Nr. SVABL	a	b	L	h	s	e	Preis CHF
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

Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
VBMT1604...		VCGX1604...		VBMT1604...		VBGW...	
9031 R 0.4	11.00	9031AL R 0.4	11.50	9032 R 0.4	12.10	9231 R 0.4	78.00
9031 R 0.8	11.00	9031AL R 0.8	11.50	9032 R 0.8	12.10	9231 R 0.8	78.00
9031 R 1.2	11.00	9031AL R 1.2	11.50	9032 R 1.2	12.10		

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

9040



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

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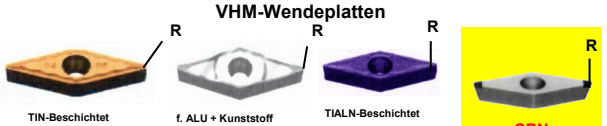
Materialeignung ● Sehr Gut ○ Gut	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9041 TIN		○	●	●	○	○				○	○	●
9041 ALU	●	●							○	●		
9042 TIALN			○	●	●	●		●	●		●	●
9243 CBN				○	○	●	●	●	○		○	

VHM-Wendeplatten



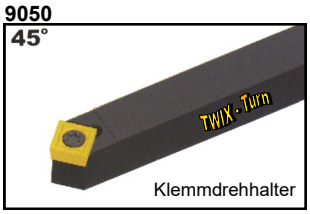
Bestell-Beispiel: Art.-Nr. 9041 R0,2 = Bestell-Nr. 9041r0020

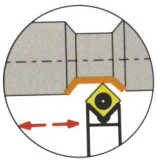
Art. - Nr. SVVBN	a	b	L	h	s	e	Preis CHF
9040 12	12	12	80	12	6	27	59.90
9040 16	16	16	100	16	8	27	79.80
9040 20	20	20	125	20	10	30	81.90
9040 25	25	25	150	25	12.5	38	81.90

Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
VBMT1102...		VCGX1102...		VBMT1102...			
9041 R 0.2	10.00			9042 R 0.2	11.00		
9041 R 0.4	10.00	9041AL R 0.4	10.40	9042 R 0.4	11.00		
9041 R 0.8	10.00			9042 R 0.8	11.00		
VBMT1604...		VCGX1604...		VBMT1604...		VBGW...	
9043 R 0.4	11.00	9043AL R 0.4	11.50	9044 R 0.4	12.10	9243 R 0.4	78.00
9043 R 0.8	11.00	9043AL R 0.8	11.50	9044 R 0.8	12.10	9243 R 0.8	78.00
9043 R 1.2	11.00	9043AL R 1.2	11.50	9044 R 1.2	12.10		

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

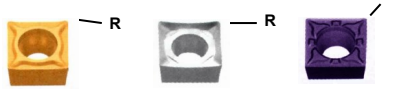
9050





Materialeignung ● Sehr Gut ○ Gut	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



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Art. - Nr. SSDCN	a	b	L	h	s	e	Preis CHF
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

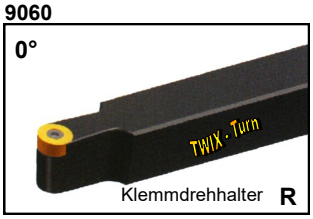
Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
SCMT09T3...		SCGX09T3...		SCMT09T3...	
9051 R 0.4	8.20	9051AL R 0.2	10.30	9052 R 0.4	9.20
9051 R 0.8	8.20	9051AL R 0.4	10.30	9052 R 0.8	9.20
9051 R 0.4	8.20	9051AL R 0.2	10.30	9052 R 0.4	9.20
9051 R 0.8	8.20	9051AL R 0.4	10.30	9052 R 0.8	9.20
SCMT1204...		SCGX1204...		SCMT1204...	
9053 R 0.4	8.20	9053AL R 0.4	10.30	9054 R 0.4	10.30
9053 R 0.8	8.20	9053AL R 0.8	10.30	9054 R 0.8	10.30

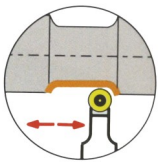
Schraube	Schlüssel	Unterlage	Zwischen Schraube
9055-1 M 3.5 x 8 CHF 3.30	9058-1 T15 CHF 4.10		
9055-2 M 3.5 x 12 CHF 3.30	9058-1 T15 CHF 4.10 9059-1 CHF 4.10	9056-1 CHF 4.00	9057-1 CHF 3.30
9055-3 M 4 x 11 CHF 4.00	9058-1 T15 CHF 4.10 9059-2 4.10	9056-2 CHF 4.70	9057-2 CHF 4.80

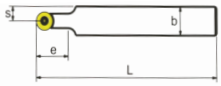
Klemmdrehhalter VHM - Wendeplatten ISO-Drehen

GRATIS Siehe Seite 4/1

9060







Materialeignung ● Sehr Gut ○ Gut	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		●	●	●	●	●		●	●	○	●	●

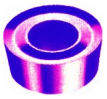
Bestell-Beispiel: Art.-Nr. 9061 Ø 8 R4 = Bestell-Nr. 90610800

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

Art. - Nr. SRDCN	Abmessungen mm a	b	L	h	s	e	Preis CHF
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

VHM-Wendeplatten

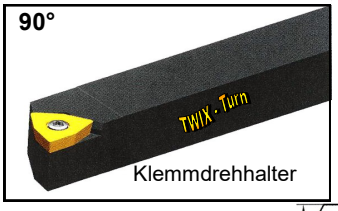
TIN-Beschichtet

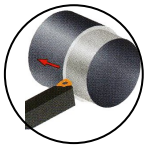

TIALN-Beschichtet *für INOX*

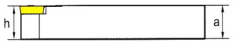
Art.-Nr.	Preis	Art.-Nr.	Preis
RCMT1204...		RCMT1204...	
9061 Ø 8 mm R4	6.80	9062 Ø 8mm R4	7.90
9061 Ø 12 mm R6	7.90	9062 Ø 12 mm R6	8.90
9061 Ø 12 mm R6	7.90	9062 Ø 12 mm R6	8.90
9061 Ø 12 mm R6	7.90	9062 Ø 12 mm R6	8.90
9061 Ø 16 mm R8	11.50	9062 Ø 16 mm R8	12.50

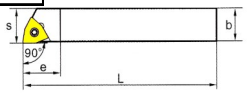
Schraube	Schlüssel	Unterlage	Zwischen Schraube
9064-1 M 3 CHF 3.30	9067 T10 CHF 4.10		
9064-2 M 3.5 CHF 3.30	9069-1 T15 CHF 4.10	9065-1 CHF 1.60	9066-1 M 5 CHF 3.90
9064-3 M 4 CHF 3.30	9069-2 T15 CHF 2.80	9065-2 CHF 1.60	9066-2 M 6 CHF 3.90

9150









Materialeignung ● Sehr Gut ○ Gut	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. 9151r0080

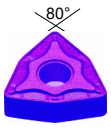
GRATIS Siehe Seite 4/1

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

Art. - Nr. SWACR	Abmessungen mm a	b	L	h	s	e	Preis CHF
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

VHM-Wendeplatten

TIN-Beschichtet

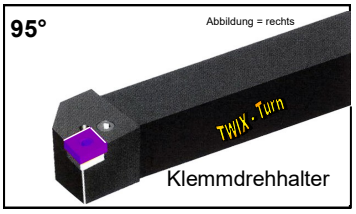


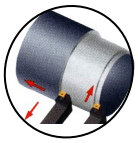
TIALN-Beschichtet *für INOX*

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... 9153 R 0.8	9.60	WCMX06T308... 9154 R 0.8	10.60
WCMX080412... 9155 R 1.2	9.60	WCMX080412... 9156 R 1.2	10.60

Schraube	Schlüssel
9158-1 M 2.5 CHF 4.90	9159-1 T07 CHF 6.90
9158-2 M 3 CHF 4.90	9159-2 T10 CHF 6.90
9158-3 M 3.5 CHF 4.90	9159-3 T15 CHF 8.30

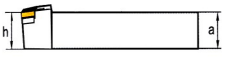
9160 R / 9160 L

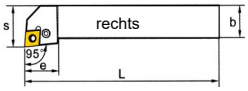




Materialeignung ● Sehr Gut ○ Gut	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9161 TIALN		○	●	●	●	●	●	●	●		●	●

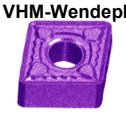
GRATIS Siehe Seite 4/1





Bestell-Beispiel: Art.-Nr. 9160 R20 = Bestell-Nr. 9160r2000

VHM-Wendeplatte


TIALN-Beschichtet *für INOX*

Art. - Nr. PCLNR		Abmessungen mm a	b	L	h	s	e	Preis CHF
9160 R20	9160 L20	20	20	125	20	25	28	72.50
9160 R25	9160 L25	25	25	150	25	32	28	72.50
9160 R32	9160 L32	32	32	170	32	40	28	95.60

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

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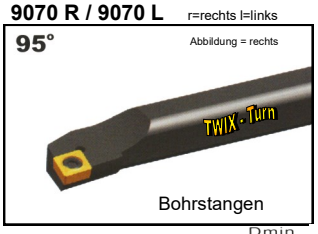
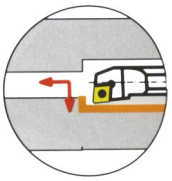
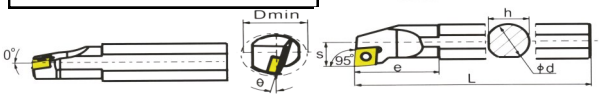
Bohrstangen
VHM - Wendeplatten ISO-Drehen

9070 R / 9070 L

r=rechts l=links







Materialeignung ● Sehr Gut ○ Gut	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
9071 TIN		○	●	●	●			○	○	●	○	●
9071 ALU	●	●	○						●	●	○	●
9072 TIALN		○	●	●	●	●		●	○		●	●
9271 CBN						●	●	●			●	

VHM-Wendeplatten

Art. - Nr. SCLCR	Art. - Nr. SCLCL	Dmin	Φd	h	L	s	Φ°	e	Preis CHF
9070R 16	9070L 16	16	12	11	150	9	-10°	25	83.00
9070R 20	9070L 20	20	16	15	200	11	-12°	32.5	121.80
9070R 25	9070L 25	25	20	18	250	13	-8°	38	160.70
9070R 32	9070L 32	32	25	23	300	17	-6°	45	207.90

Bestell-Beispiel: Art.-Nr. 9070 R16 = 9070r1600

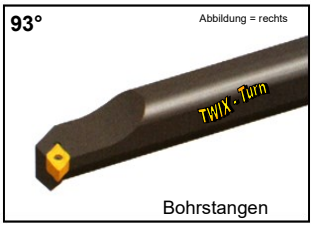
Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr	Preis
CCMT09T3...		CCGX09T3...		CCMT09T3...		CCGW09T3...	
9071 R 0.4	6.80	9071AL R 0.4	8.30	9072 R 0.4	8.90	9271 R 0.4	78.00
9071 R 0.8	6.80	9071AL R 0.8	8.30	9072 R 0.8	8.90	9271 R 0.8	78.00

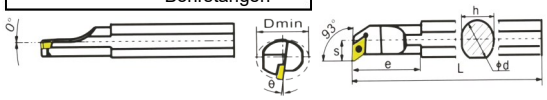
Schraube	Schlüssel
9074-1 M3.5x8 CHF 3.30	9076 T15 CHF 4.10
9074-2 M3.5x10 CHF 3.30	

Bestell-Beispiel: Art.-Nr. 9071 R0,4 = Bestell-Nr. 9071r0040

9080 R / 9080 L

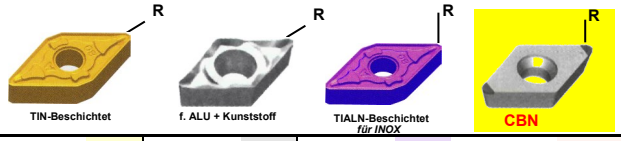
r=rechts l=links





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

VHM-Wendeplatten



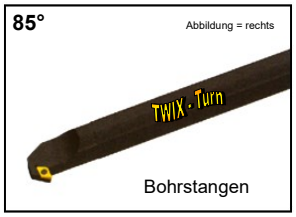
Art. - Nr. SDUCR	Art. - Nr. SDUCL	Dmin	od	h	L	s	O°	e	Preis CHF
9080R 13	9080L 13	13	10	9	150	7	-8°	0	83.00
9080R 16	9080 L 16	16	12	11	150	9	-8°	22	83.00
9080R 20	9080 L 20	20	16	15	200	11	-6°	40	121.80
9080R 25	9080 L 25	25	20	18	250	13	-6°	40	160.70
9080R 32	9080 L 32	32	25	23	300	17	-6°	46	221.60

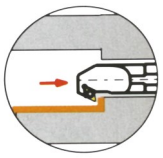
Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
DCMT0702...		DCGX0702...		DCMT0702...		DCGW...	
9081 R 0.4	5.60	9081AL R 0.2	7.20	9082 R 0.4	7.90	9281 R 0.4	53.00
9081 R 0.8	5.60	9081AL R 0.4	7.20	9082 R 0.8	7.90	9281 R 0.8	53.00
DCMT11T3...		DCGX11T3...		DCMT11T3...		DCGW...	
9083 R 0.4	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

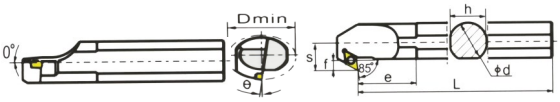
Schraube	Schlüssel
9086-1 M2.5x 5.5 CHF3.30	9088-1 T07 CHF 4.10
9086-2 M2.5x6.5 CHF3.30	
9086-3 M3.5x8 CHF3.30	9088-2 T15 CHF 4.10
9086-4 M3.5x10 CHF3.30	

9090 R / 9090 L / 9092 R / 9092 L

r=rechts l=links

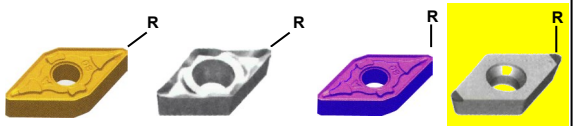






Materialeignung ● Sehr Gut ○ Gut	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN/ Cu	GG (G)	Universal
9093 TIN		○	●	●	●			○	○	●	○	●
9093 ALU	●	●	○						●	●	○	●
9094 TIALN		○	●	●	●	●		●	○		●	●
9293 CBN						●	●	●			●	

VHM-Wendeplatten



Art. - Nr. SDZCR	Art. - Nr. SDZCL	Dmin	od	h	L	s	o°	e	Preis CHF
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	Zwschen schraube	Schlüssel 1 / 2
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

TWIX - Turn

Bohrstangen
VHM - Wendeplatten ISO-Drehen

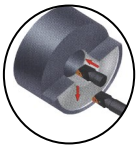
C B N

9170 R / 9170 L r=rechts l=links

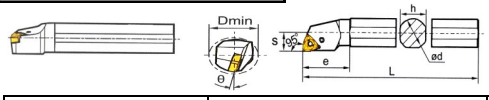
95°

Abbildung = rechts

Bohrstangen



Materialeignung ● Sehr Gut ○ Gut	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
9171 TIN	○	●	●	●	●	○			○	○	○	●
9172 TIALN		●	●	●	●	●	●	●	●		●	●
9273 CBN				○	○	●	●	●	●		●	



Art. - Nr. PWLNR	Art. - Nr. PWLNL	Dmin	od	h	L	s	o°	e	Preis CHF
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

VHM-Wendeplatten

TIN-Beschichtet

TIALN-Beschichtet *für INOX*

CBN

Art.-Nr.	Preis	Art.-Nr.	Preis	Art.-Nr.	Preis
WNMG0...		WNMG0...		WNGA...	
9171 R 0.8	6.70	9172 R 0.8	5.50		
9173 R 0.8	7.00	9175 R 0.4	7.70	9273 R 0.8	118.60
9173 R 1.2	6.70				

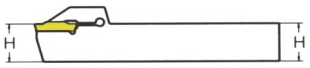
Bestell-Beispiel: Art.-Nr. 9171 R 0.8 = Bestell-Nr. 9171r0080

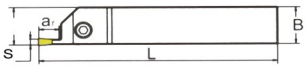
Schraube	Schlüssel	Kniehebel
9177-1 M5x12 CHF 3.30	9178-1 H20 CHF 4.10	9179-1 CHF 9.70
9177-2 M6x13.4 CHF 6.90	9178-2 H25 CHF 3.90	9179-2 CHF 9.70

VHM - 2 Schneiden - Stech- und Drehprogramm

GRATIS Siehe Seite 4/1

9100 R / 9100 L r=rechts l=links

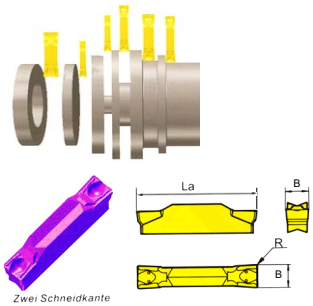




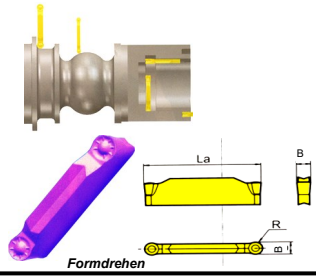
Materialeignung ● Sehr Gut ○ Gut	Alu	Alu Guss > 10% Si	Stahl > 750N	Stahl > 900N	Stahl > 1400N	Stahl > 55 HRC	Stahl > 60 HRC	Hochvergütete Stähle	INOX	TITAN / Cu	GG (G)	Universal
9101 TIN	○	●	●	●	●	○		○	○	●	●	●
9103 TIALN		●	●	●	●			●	●	○	●	●

Abbildung =

Stechdrehhalter



Zwei Schneidkante



Formdrehen

Art.- Nr. Halter	H & B	ar max	Preis	VHM-Wendeplatten Art.- Nr.	WP TiAlN	Preis	VHM-Wendeplatten 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
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					Schlüssel / Artikel 9108-1 CHF 2.80
9100R1625	16 x 16	17	122.90	9103 2.5	2.5	16.80	9104 2.5	2.5	1.25	16.80	
9100R2025	20 x 20	17	164.90	9103 2.5	2.5	22.10					
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	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					Schraube / Artikel 9106-2 M6 x 20 mm CHF 3.90
9100R2540	25 x 25	22	142.80	9103 4.0	4.0	20.00	9104 4.0	4.0	2.0	20.00	Schlüssel / Artikel 9108-2 CHF 2.80
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	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	9104 6.0	6.0	3.0	22.10	

Zwischenmasse Halter + CHF 30.00
Zwischenmasse Wendeplatten + CHF 5.00

202209

Stechschwert zur Aussenbearbeitung

Stechschwert zur Aussenbearbeitung QE*SN-1**

Art.-Nr.	Abmessung in mm						WSP	Preis in CHF
	H	L	h	B	W	Ø max.		
QEES26N	26	110	19	2	2.5	60	ZPES**	51.40
QEES32N	32	150	24.6	2	2.5	100	ZPES**	60.70
QEFS26N	26	110	19	2.4	3	60	ZPFS**	51.40
QEFS32N	32	150	24.6	2.4	3	100	ZPFS**	60.70
QEGS26N	26	110	19	3.2	4	70	ZPGS**	51.40
QEGS32N	32	150	24.6	3.2	4	120	ZPGS**	60.70

Art.-Nr.	Abmessung in mm						WSP	Preis in CHF
	H	L	h	B	W	Ø max.		
QEES26N-1	26	110	19	2	2.5	60	ZPES**	91.80
QEES32N-1	32	150	24.6	2	2.5	100	ZPES**	91.80
QEFS26N-1	26	110	19	2.4	3	60	ZPFS**	91.80
QEFS32N-1	32	150	24.6	2.4	3	100	ZPFS**	91.80
QEGS26N-1	26	110	19	3.2	4	70	ZPGS**	91.80
QEGS32N-1	32	150	24.6	3.2	4	120	ZPGS**	91.80

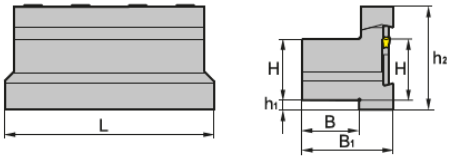
das Schwert ** N-1 ist kompatibel zu allen Spannblöcken vom Wettbewerb, aber nicht zum Spannblock in unseren Katalog

Spannblock aussen

Art.-Nr.	Abmessung in mm							Preis in CHF
	H	L	h_1	h_2	B	B_1	WSP	
QZS2620	20	86	10	46.6	19	38	QE**26	136.50
QZS2526	25	86	5	46.6	23	42	QE**26**	136.50
QZS3226	32	86	3	51.6	30	48	QE**26	149.10
QZS2032	20	110	13	50	19	38	QE**32	149.10
QZS2532	25	110	8	50	23	42	QE**32	149.10
QZS3232	32	110	5	54	30	48	QE**32	149.10

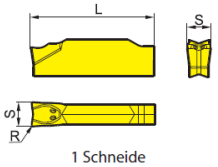
Ersatzteile

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



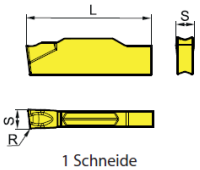
WSP zum Ein- und Abstechen:

Art.-Nr.	HM	S±0.10	R±0.1	f	Preis in CHF
ZPES02502-MG	YBG302	2.5	0.2	0.03-0.1	11.60
ZPFS0302-MG	YBG302	3.0	0.2	0.04-0.13	13.70
ZPGS0402-MG	YBG302	4.0	0.2	0.07-0.18	14.70



WSP zum Abstechen:

Art.-Nr.	HM	S±0.10	R±0.1	f	Preis in CHF
ZPES02502-MG-6L	YB9320	2.5	0.2	0.02-0.08	12.30
ZEPS02502-MG-6R	YB9320	2.5	0.2	0.03-0.08	12.30
ZPFS0302-MG-6L	YB9320	3.0	0.2	0.04-0.1	14.30
ZPFS0302-MG-6R	YB9320	3.0	0.2	0.04-0.1	14.30

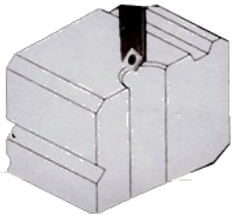


Prismenfräser 45° + Senker + Nuten- u. Fasenfräser

TWIX - Turn

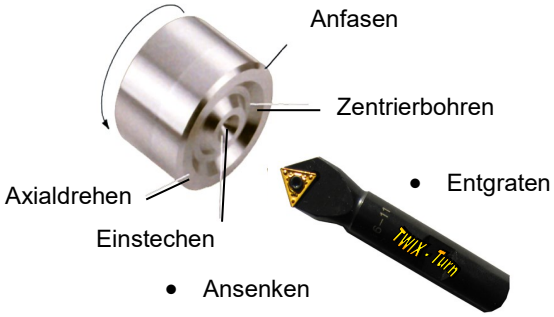
8 Arbeitsgänge - 1 Werkzeug

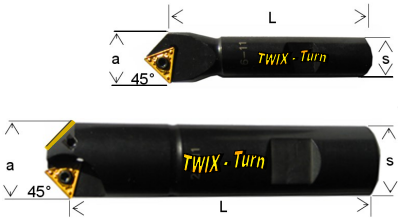
GRATIS Siehe Seite 4/1



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

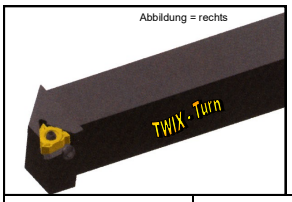
Art. - Nr. Klemmdrehhalter		Abmessungen mm a	s	L	▷	Preis CHF	Wendeplatten TIN	Preis CHF	Wendeplatten TIALN	Preis CHF	Schraube	Schlüssel
9130 16	Ø 16	16	12	70	45°	77.70	Art.-Nr. 9132 R 0.4	13.10	Art.-Nr. 9134 R 0.4	14.20	Art.-Nr. 9136 CHF 5.50	Art.-Nr. 9138 CHF 6.80
9130 21	Ø 21	21	20	90	45°	100.80						

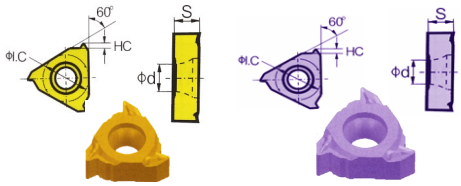
Bestell-Beispiel: Art.-Nr. 9132 R 0.4 = Bestell-Nr. 9132r0040

VHM - Wendeplatten

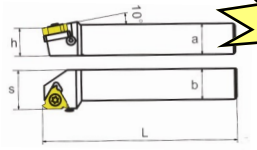
Gewinde-Drehen

9140R / 9140 L R=rechts L=links



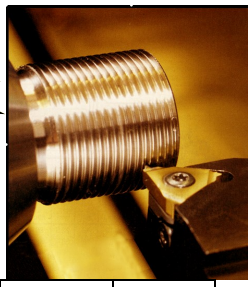


Bestell-Beispiel: Art.-Nr. 9140 R16 = Bestell-Nr. 9140r1600



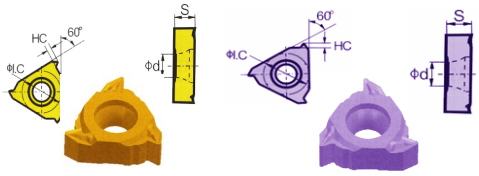
Bestell-Beispiel: Art.-Nr. 9141 R1,25 = Bestell-Nr. 9141r0125

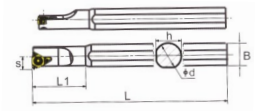
GRATIS Siehe Seite 4/1

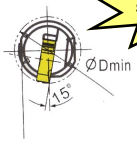


Art. - Nr. Klemmdrehhalter		Abmessungen mm a	h	b	L	s	Preis CHF	Wendeplatten TIN Rechts	Links	Preis CHF	Wendeplatten TIALN Rechts	Links	Preis CHF	Schraube	Unterlage	Zwischen-schraube	Schlüssel
9140R 16	9140L 16	16	16	16	100	20	50.40	9141R1,25	9143L1,25	16.30	9142R1,25	9144L1,25	16.80	Art.-Nr. 9146 M3,5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

9150R / 9150L R=rechts L=links







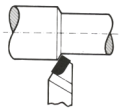
GRATIS Siehe Seite 4/1

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

HM - DREHSTÄHLE / Auslaufartikel

High - Flyer

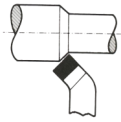
HM - Drehstahl rechts



Schaft ■

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

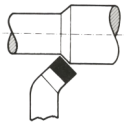
HM - Drehstahl rechts



Schaft ■

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

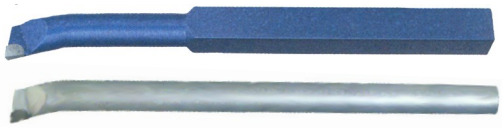
HM - Drehstahl links

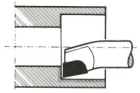


Schaft ■

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

HM - Innen - Eckdrehstahl rechts



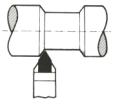


Schaft ■

Schaft ●

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

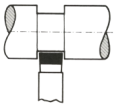
HM - Drehstahl spitz



Schaft ▮

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

HM- Drehstahl

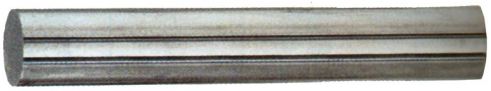


Schaft ▮

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

HSSE - Co10 DREHLINGE / Auslaufartikel

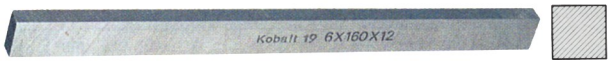
Präzisions - Drehling



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

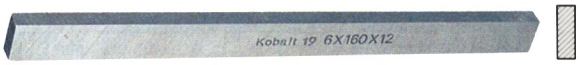
Bestell-Nr. 9225...	..1200100	..1400160	..1600200	..1800200	..2000200
Art. - Nr. 9225 / Ø x Länge mm	12 x 100	14 x 160	16 x 200	18 x 200	20 x 200
Preis CHF	20.00	36.80	55.70	71.40	81.90

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