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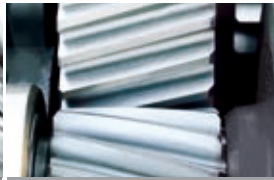
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VEHICLES



AEROSPACE



GEARS & BEARINGS



ENGINEERING



WIND ENERGY



# RAG

## STECHDREHEN MIT SEITLICHEM VERFAHREN

### GROOVING WITH LATERAL MOVEMENT



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**Das Stechsystem RAG - Radial- und Axialstechen mit seitlichem Verfahren**  
*The RAG Grooving System - Radial and axial grooving with lateral movement*

**Das Stechsystem RAG - Radial- und Axialstechen mit seitlichem Verfahren**  
*The RAG Grooving System - Radial and axial grooving with lateral movement*

Das Stechsystem wurde speziell für das prozesssichere radiale und axiale Stechen in GJL (GG-) und GJS (GGG-) Werkstoffe und zum seitlichen Verfahren konzipiert. Die neue Doppelprisma-Klemmtechnologie nimmt Querkraft sicher auf und hält die Stechplatte positionsgenau im Plattensitz. Damit lassen sich auch seitliche Vorschubbewegungen prozesssicher realisieren. Je nach Auslegung der Werkzeuge, können beim seitlichen Verfahren Stechtiefen bis 3 mm bei Vorschüben bis 0,25 mm und

Schnittgeschwindigkeit bis zu 800 m/min gefahren werden. Das Stechschwert und die Klemmelemente überzeugen als extrem stabiles Gesamtsystem. Das System ist modular aufgebaut, Stechschwert und Klemmfinger sind einfach und schnell austauschbar und aus hochwärmestem Material gefertigt. Es sind Stechbreiten von 4 bis 8 Millimeter erhältlich. Wird der Grundhalter mit entsprechendem Stechschwert ausgerüstet, sind Stechtiefen bis zu 30 Millimeter mög-

lich. Durch das Stechdrehen mit seitlichem Verfahren lassen sich mehrere Bearbeitungsschritte mit nur einem Werkzeugsystem abdecken. Das spart weitere Werkzeuge und damit auch Werkzeugplätze auf dem Revolver. In Kombination mit unseren Hochleistungsschneidstoffen steigert das Stechsystem RAG die Prozessflexibilität und gleichzeitig die Produktivität für eine schnellere und kostengünstigere Produktion.

*The grooving system is designed specifically for radial and axial grooving in GJL (grey cast iron) and GJS (ductile cast iron) materials and for lateral movement, and ensures complete process reliability. The new double prism clamping technology is able to securely absorb transverse forces while holding the grooving insert in position in the insert seating. It also facilitates lateral feed movements with process reliability. Depending on the tool design, grooving depth of up to 3 mm with feed rates up to 0.25 mm*

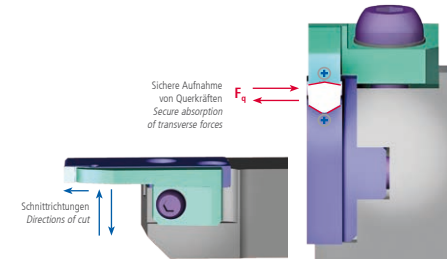
*and cutting speeds of up to 800 m/min can be attained with lateral movement. The grooving blade and clamping elements together form an extremely stable complete system. The system is modular and features a grooving blade and clamping element that are made from high temperature-resistant material and are quick and easy to replace. It is available for grooving widths between 4 mm and 12 mm. If the tool holder is equipped with the appropriate grooving*

*blade, grooving depths of up to 30 mm are attainable. Grooving with lateral movement means that several machining steps can be performed by a single tool system. This means that additional tools are not required, which saves space on the tool turret. When further combined with our high-performance cutting materials, the RAG grooving system increases both process flexibility and productivity, ensuring a faster and more cost-efficient production process.*

**EASY CHANGE TECHNOLOGIE**



Durch die EASY Change Technologie wird auch ein einfacher Wechsel von keramischen Schneidplatten und CBN-Schneidplatten ermöglicht, ohne den Klemmfinger oder das Schwert auszutauschen.



*EASY Change Technology also allows easy exchangeability of ceramic inserts and CBN inserts without the need to replace the clamping finger or the grooving blade.*

**Bearbeitungsbeispiel**  
*Machining Example*

**Bearbeitungsbeispiel**  
*Machining Example*

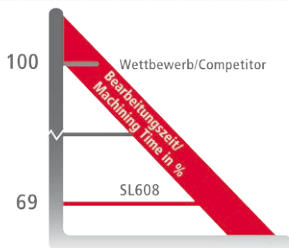
**BEARBEITUNGSZEIT UM 31 % VERRINGERT**  
**PROCESSING TIME DECREASED BY 31 %**  
**STECHDREHEN EINER RIEMENSCHIBE**  
**GROOVING OF A PULLEY**

**STANDMENGE AUF 240 % ERHÖHT**  
**TOOL LIFE QUANTITY INCREASED BY 240 %**  
**STECHDREHEN EINER POLY-V SCHEIBE**  
**SEMI FINISHING OF A POLY-V DISC**

- ANFORDERUNGEN:**  
**REQUIREMENTS:**
- BEARBEITUNGSZEIT REDUZIEREN
  - REDUCTION OF MACHINING TIME
  - KEINE GRATBILDUNG
  - NO BURRS

- BEDINGUNGEN:**  
**CONDITIONS:**
- GLATTER SCHNITT
  - CONTINUOUS CUT
  - TROCKENBEARBEITUNG
  - DRY CUTTING
  - WERKSTOFF GJL 300
  - MATERIAL GJL 300

**SIALON SL608**



**SPK-ENGINEERING ZUR STEIGERUNG DER WIRTSCHAFTLICHKEIT DURCH**  
**SPK ENGINEERING FOR INCREASING EFFICIENCY THROUGH**

- ABSTIMMUNG WERKSTOFF-/SCHNEIDSTOFF PAARUNG
- HARMONIZING OF WORKPIECE- AND CUTTING MATERIALS
- DEFINITION DER BEARBEITUNGSSTRATEGIE
- DEFINITION OF MACHINING STRATEGY
- FESTLEGGUNG DER SCHNITTPARAMETER
- DEFINITION OF CUTTING DATA

**Bearbeitung: Längs- und Plandrehen einer Riemenscheibe**  
**Machining of a Pulley: Grooving and facing**

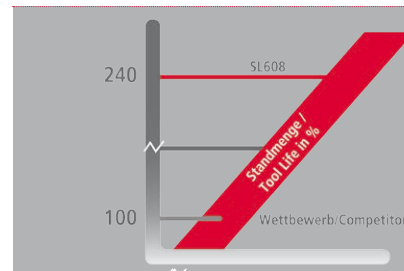
	Wettbewerb/Competitor	SPK
Schneidstoff/Cutting material:	Hartmetall/Carbide	<b>SL608</b>
Schneidplattentyp/Insert type:	-	GBMP 12A0800
Schnittgeschwindigkeit vc/Cutting speed vc:	250 m/min	800 m/min
Vorschub f/Feed rate f:	0,12 mm	0,10 mm
Schnitttiefe ap/Depth of cut ap:	1,5 mm	1,5 mm
<b>Bearbeitungszeit/Machining time:</b>	<b>15,3 min</b>	<b>4,8 min</b>
<b>Standmenge/Tool life quantity:</b>	<b>30 St. / pcs.</b>	<b>30 StJ pcs.</b>



- ANFORDERUNGEN:**  
**REQUIREMENTS:**
- STANDMENGE ERHÖHEN
  - INCREASE TOOL LIFE QUANTITY
  - PROZESSSICHERHEIT
  - PROCESS RELIABILITY

- BEDINGUNGEN:**  
**CONDITIONS:**
- GLATTER SCHNITT
  - CONTINUOUS CUT
  - TROCKENBEARBEITUNG
  - DRY CUTTING

**SIALON SL608**

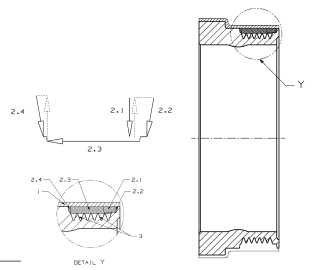


**SPK-ENGINEERING ZUR STEIGERUNG DER WIRTSCHAFTLICHKEIT DURCH**  
**SPK ENGINEERING FOR INCREASING EFFICIENCY THROUGH**

- DEFINITION DER BEARBEITUNGSSTRATEGIE
- DEFINITION OF MACHINING STRATEGY
- FESTLEGGUNG DER SCHNITTPARAMETER
- DEFINITION OF CUTTING DATA

**Schrupp-Schichten einer Poly-V Scheibe**  
**Semi finishing of a Poly-V Disc**

	Wettbewerb/Competitor	SPK
Schneidstoff/Cutting material:	Hartmetall/Carbide	<b>SL608</b>
Schneidplattentyp/Insert type:	-	GBMP 12A0600T
Schnittgeschwindigkeit vc/Cutting speed vc:	230 m/min	600 m/min
Vorschub f/Feed rate f:	0,20 mm	0,10 mm
Schnitttiefe ap/Depth of cut ap:	2,0 mm	2,0 mm
<b>Standmenge/Tool life quantity:</b>	<b>100 %</b>	<b>240 %</b>



SPK Bezeichnungssystem für RAG  
SPK Designation System for RAG

SPK Bezeichnungssystem für RAG  
SPK Designation System for RAG

RAG Schaftklemmhalter  
RAG shank tool



25 mm  
32 mm

B4 = 4 mm  
B5 = 5 mm  
B6 = 6 mm  
B7 = 7 mm  
B8 = 8 mm

H = 5 mm

RAG = Radial Axial Stechen (Grooving)

Bezeichnung Stechsystem Designation grooving system

Werkzeughöhe h Tool height h

Stechbreite a Grooving width a

Schneidplattenhöhe Insert height

Ausführung Stechschwert Grooving blade version

Gerade Straight  
Links Left  
Rechts Right

**RAG - 25 25 - B4 T18 H5 - L G 100**

Schaftbreite b Shank width b

Stechtiefe t Grooving depth t

Ausführung Version

D<sub>max</sub> Axial D<sub>min</sub> Axial

T12 = 12 mm  
T18 = 18 mm  
T24 = 24 mm  
T30 = 30 mm

links Left  
rechts Right

D<sub>max</sub> = 100 mm

25 mm

RAG Stechschwerter  
RAG grooving blade

H = 5 mm

D<sub>max</sub> = 100 mm

Bezeichnung Stechsystem Designation grooving system

Abkürzung für Stechschwert Abbreviation for grooving blade

Schneidplattenhöhe Insert height

D<sub>max</sub> Axial D<sub>min</sub> Axial

**RAG - ST - B4 T18 H5 - L G 100**

Stechbreite a Grooving width a

Stechtiefe t Grooving depth t

Ausführung Version

Ausführung Stechschwert Grooving blade version

B4 = 4 mm  
B5 = 5 mm  
B6 = 6 mm  
B7 = 7 mm  
B8 = 8 mm

T12 = 12 mm  
T18 = 18 mm  
T24 = 24 mm  
T30 = 30 mm

links Left  
rechts Right

Gerade Straight  
Links Left  
Rechts Right

RAG CMS Klemmhalter  
RAG CMS tool holder

**RAG - CMS5 - B4 T18 H5 - L G 100**

Werkzeuggröße Tool size

d = 50 mm

RAG Spannelemente  
RAG clamping elements

Bezeichnung Stechsystem Designation grooving system

Abkürzung für Spannelement Abbreviation for clamping element

Ausführung Version

**RAG - SP - B4 T18 - L**

Stechbreite a Grooving width a

Stechtiefe t Grooving depth t

SPK Bezeichnungssystem für RAG Schneidplatten  
SPK Designation System for RAG Inserts

L		Normal-Freiwinkel Clearance angle	Plattentyp Insert type	Plattenhöhe Insert height
G				
B				
P				
H = 5 mm				

**G B M P 12 A**

Toleranz  
Tolerance

a ± mm
M 0,130

Plattengröße  $\ell$   
Insert size  $\ell$

$\ell = 12$ mm
----------------

SPK Bezeichnungssystem für RAG Schneidplatten  
SPK Designation System for RAG Inserts

0400 = 4 mm	Stechbreite a Grooving width a	Schneidenausführung Cutting edge version	Radii r Radius r	Sorte Cutting material
0500 = 5 mm				
0600 = 6 mm				
0700 = 7 mm				
0800 = 8 mm				

**0400 T - N L1R1 - RAG SL608**

Schneidrichtung S  
Cutting direction S

N  
neutral

Bezeichnung  
Stechnsystem  
Designation  
grooving system

GBMP	
L	R
0.5 mm	0.5 mm
0.8 mm	0.8 mm
LBMP	
L	R
2 mm	2 mm
2.5 mm	2.5 mm
3 mm	3 mm
3.5 mm	3.5 mm
4 mm	4 mm

Oxidkeramik SN60
SiAlON SL608

**Schnittdatenempfehlung für seitliches Verfahren in Gusseisen GJL und GJS**  
*Cutting Data recommendations for lateral movement in GJL and GJS cast iron*

**Schneidplatten für Stechsystem RAG**  
*Inserts for RAG Grooving System*

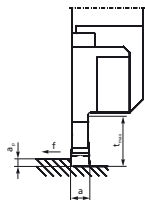
**Eingriffstiefe  $a_p$  (mm)**  
 in Abhängigkeit von Stechbreite  $a$  und maximaler Stechtiefe  $t_{max}$

*Cutting depth  $a_p$  (mm)*  
 Depending on grooving width  $a$  and maximum grooving depth  $t_{max}$

**Vorschub  $f$  (mm)**  
 in Abhängigkeit von Stechbreite  $a$  und maximaler Stechtiefe  $t_{max}$

*Feed rate  $f$  (mm)*  
 Depending on grooving width  $a$  and maximum grooving depth  $t_{max}$

$t_{max}$	12 mm	18 mm	24 mm	30 mm	$t_{max}$	12 mm	18 mm	24 mm	30 mm
STECHBREITE $a$ GROOVING WIDTH					STECHBREITE $a$ GROOVING WIDTH				
4 mm	2,0	1,5	-	-	4 mm	0,20	0,15	-	-
5 mm	2,5	2,5	2,0	-	5 mm	0,20	0,20	0,15	-
6 mm	3,0	2,5	2,0	-	6 mm	0,25	0,20	0,15	-
7 mm	3,0	2,5	2,0	2,0	7 mm	0,25	0,20	0,20	0,15
8 mm	-	3,0	2,5	2,0	8 mm	-	0,25	0,20	0,15



**Schnittgeschwindigkeit  $v_c$  (m/min)**  
*Cutting speed  $v_c$  (m/min)*

Glatter Schnitt <i>Continuous cut</i>	Richtwerte <i>Recommended values</i>	
	SL608	SN60
<b>Schlichten <i>Finishing</i></b>		
GJL Werkstoffe <i>GJL materials</i>	800 m/min	600 m/min
GJS Werkstoffe <i>GJS materials</i>	600 m/min	500 m/min
<b>Schruppen <i>Roughing</i></b>		
GJL Werkstoffe <i>GJL materials</i>	600 m/min	400 m/min
GJS Werkstoffe <i>GJS materials</i>	500 m/min	400 m/min

Unterbrochener Schnitt <i>Interrupted cut</i>	Richtwerte <i>Recommended values</i>	
	SL608	
<b>Schlichten <i>Finishing</i></b>		
GJL Werkstoffe <i>GJL materials</i>	800 m/min	
GJS Werkstoffe <i>GJS materials</i>	700 m/min	
<b>Schruppen <i>Roughing</i></b>		
GJL Werkstoffe <i>GJL materials</i>	700 m/min	
GJS Werkstoffe <i>GJS materials</i>	600 m/min	



GBMP

LBMP

Stechbreite a Grooving width a	SPK-Bezeichnung SPK designation	Sorte Grade	Best.-Nr. Ref. no.	Form Shape	Abmessungen (mm) Dimensions (mm)					
					Radii r		h	ℓ	Fase Chamfer	S
					L	R				
a = 4 mm	GBMP 12A0400 T-N L0.5R0.5-RAG SL608	SL 608	19.23.505.03.3		0.5	0.5	5	12	T 00520	N
	GBMP 12A0400 T-N L0.5R0.5-RAG SN60	SN 60	36.23.505.03.5		0.5	0.5	5	12	T 00520	N
a = 5 mm	GBMP 12A0500 T-N L0.8R0.8-RAG SL608	SL 608	19.23.506.03.3		0.8	0.8	5	12	T 00520	N
	GBMP 12A0500 T-N L0.8R0.8-RAG SN60	SN 60	36.23.506.03.5		0.8	0.8	5	12	T 00520	N
a = 6 mm	GBMP 12A0600 T-N L0.8R0.8-RAG SL608	SL 608	19.23.507.03.3		0.8	0.8	5	12	T 00520	N
	GBMP 12A0600 T-N L0.8R0.8-RAG SN60	SN 60	36.23.507.03.5		0.8	0.8	5	12	T 00520	N
a = 7 mm	GBMP 12A0700 T-N L0.8R0.8-RAG SL608	SL 608	19.23.508.03.3		0.8	0.8	5	12	T 00520	N
	GBMP 12A0700 T-N L0.8R0.8-RAG SN60	SN 60	36.23.508.03.5		0.8	0.8	5	12	T 00520	N
a = 8 mm	GBMP 12A0800 T-N L0.8R0.8-RAG SL608	SL 608	19.23.509.03.3		0.8	0.8	5	12	T 00520	N
	GBMP 12A0800 T-N L0.8R0.8-RAG SN60	SN 60	36.23.509.03.5		0.8	0.8	5	12	T 00520	N

Stechbreite a Grooving width a	SPK-Bezeichnung SPK designation	Sorte Grade	Best.-Nr. Ref. no.	Form Shape	Abmessungen (mm) Dimensions (mm)					
					Radii r		h	ℓ	Fase Chamfer	S
					L	R				
a = 4 mm	LBMP 12A0400 T-N L2R2-RAG SL608	SL 608	19.23.500.03.3		2	2	5	12	T 00520	N
	LBMP 12A0400 T-N L2R2-RAG SN60	SN 60	36.23.500.03.5		2	2	5	12	T 00520	N
a = 5 mm	LBMP 12A0500 T-N L2.5R2.5-RAG SL608	SL 608	19.23.501.03.3		2.5	2.5	5	12	T 00520	N
	LBMP 12A0500 T-N L2.5R2.5-RAG SN60	SN 60	36.23.501.03.5		2.5	2.5	5	12	T 00520	N
a = 6 mm	LBMP 12A0600 T-N L3R3-RAG SL608	SL 608	19.23.502.03.3		3	3	5	12	T 00520	N
	LBMP 12A0600 T-N L3R3-RAG SN60	SN 60	36.23.502.03.5		3	3	5	12	T 00520	N
a = 7 mm	LBMP 12A0700 T-N L3.5R3.5-RAG SL608	SL 608	19.23.503.03.3		3.5	3.5	5	12	T 00520	N
	LBMP 12A0700 T-N L3.5R3.5-RAG SN60	SN 60	36.23.503.03.5		3.5	3.5	5	12	T 00520	N
a = 8 mm	LBMP 12A0800 T-N L4R4-RAG SL608	SL 608	19.23.504.03.3		4	4	5	12	T 00520	N
	LBMP 12A0800 T-N L4R4-RAG SN60	SN 60	36.23.504.03.5		4	4	5	12	T 00520	N

RAG Stechsystem  
RAG Grooving System

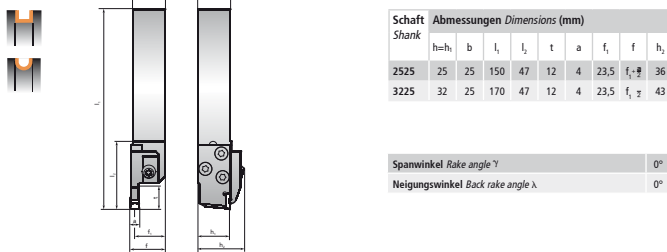
RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 4 MM  
STECHTIEFE GROOVING DEPTH 12 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 4 MM  
STECHTIEFE GROOVING DEPTH 12 MM



Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			2525	Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 4 mm t = 12 mm		RAG-2525-B4T12H5-LG	719.78.01.01	RAG-ST-B4T12H5-LG	70.91.22.548.0	RAG-SP-B4T12-L	70.91.11.916.0
		RAG-2525-B4T12H5-LR100	719.78.01.02	RAG-ST-B4T12H5-LR100	70.91.22.549.0	RAG-SP-B4T12-L	70.91.11.916.0
		RAG-2525-B4T12H5-LL100	719.78.01.03	RAG-ST-B4T12H5-LL100	70.91.22.550.0	RAG-SP-B4T12-L	70.91.11.916.0
Rechts Right a = 4 mm t = 12 mm		RAG-2525-B4T12H5-RG	719.77.01.01	RAG-ST-B4T12H5-RG	70.91.22.500.0	RAG-SP-B4T12-R	70.91.11.900.0
		RAG-2525-B4T12H5-RL100	719.77.01.02	RAG-ST-B4T12H5-RL100	70.91.22.501.0	RAG-SP-B4T12-R	70.91.11.900.0
		RAG-2525-B4T12H5-RR100	719.77.01.03	RAG-ST-B4T12H5-RR100	70.91.22.502.0	RAG-SP-B4T12-R	70.91.11.900.0

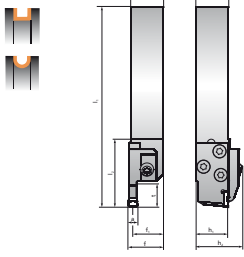
Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			3225	Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 4 mm t = 12 mm		RAG-3225-B4T12H5-LG	719.78.01.01	RAG-ST-B4T12H5-LG	70.91.22.548.0	RAG-SP-B4T12-L	70.91.11.916.0
		RAG-3225-B4T12H5-LR100	719.78.01.02	RAG-ST-B4T12H5-LR100	70.91.22.549.0	RAG-SP-B4T12-L	70.91.11.916.0
		RAG-3225-B4T12H5-LL100	719.78.01.03	RAG-ST-B4T12H5-LL100	70.91.22.550.0	RAG-SP-B4T12-L	70.91.11.916.0
Rechts Right a = 4 mm t = 12 mm		RAG-3225-B4T12H5-RG	719.77.01.01	RAG-ST-B4T12H5-RG	70.91.22.500.0	RAG-SP-B4T12-R	70.91.11.900.0
		RAG-3225-B4T12H5-RL100	719.77.01.02	RAG-ST-B4T12H5-RL100	70.91.22.501.0	RAG-SP-B4T12-R	70.91.11.900.0
		RAG-3225-B4T12H5-RR100	719.77.01.03	RAG-ST-B4T12H5-RR100	70.91.22.502.0	RAG-SP-B4T12-R	70.91.11.900.0





STECHEBREITE GROOVING WIDTH 4 MM  
STECHTIEFE GROOVING DEPTH 18 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)								
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f <sub>2</sub>	h <sub>2</sub>
2525	25	25	156	47	18	4	23,5	f <sub>1</sub> ±	36
3225	32	25	176	47	18	4	23,5	f <sub>1</sub> ±	43

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			2525	Typ Type	Best.-Nr. Ref. no.	Typ Type
Links Left a = 4 mm t = 18 mm	RAG-2525-B4T18H5-LG	719.78.010.04	RAG-ST-B4T18H5-LG	70.91.22.551.0	RAG-SP-B4T18-L	70.91.11.917.0
	RAG-2525-B4T18H5-LR100	719.78.010.05	RAG-ST-B4T18H5-LR100	70.91.22.552.0	RAG-SP-B4T18-L	70.91.11.917.0
	RAG-2525-B4T18H5-LL100	719.78.010.06	RAG-ST-B4T18H5-LL100	70.91.22.553.0	RAG-SP-B4T18-L	70.91.11.917.0
Rechts Right a = 4 mm t = 18 mm	RAG-2525-B4T18H5-RG	719.77.010.04	RAG-ST-B4T18H5-RG	70.91.22.503.0	RAG-SP-B4T18-R	70.91.11.901.0
	RAG-2525-B4T18H5-RL100	719.77.010.05	RAG-ST-B4T18H5-RL100	70.91.22.504.0	RAG-SP-B4T18-R	70.91.11.901.0
	RAG-2525-B4T18H5-RR100	719.77.010.06	RAG-ST-B4T18H5-RR100	70.91.22.505.0	RAG-SP-B4T18-R	70.91.11.901.0

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

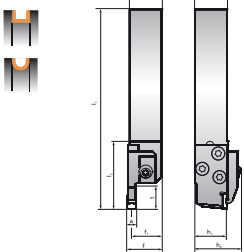
STECHEBREITE GROOVING WIDTH 4 MM  
STECHTIEFE GROOVING DEPTH 18 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			3225	Typ Type	Best.-Nr. Ref. no.	Typ Type
Links Left a = 4 mm t = 18 mm	RAG-3225-B4T18H5-LG	719.78.011.04	RAG-ST-B4T18H5-LG	70.91.22.551.0	RAG-SP-B4T18-L	70.91.11.917.0
	RAG-3225-B4T18H5-LR100	719.78.011.05	RAG-ST-B4T18H5-LR100	70.91.22.552.0	RAG-SP-B4T18-L	70.91.11.917.0
	RAG-3225-B4T18H5-LL100	719.78.011.06	RAG-ST-B4T18H5-LL100	70.91.22.553.0	RAG-SP-B4T18-L	70.91.11.917.0
Rechts Right a = 4 mm t = 18 mm	RAG-3225-B4T18H5-RG	719.77.011.04	RAG-ST-B4T18H5-RG	70.91.22.503.0	RAG-SP-B4T18-R	70.91.11.901.0
	RAG-3225-B4T18H5-RL100	719.77.011.05	RAG-ST-B4T18H5-RL100	70.91.22.504.0	RAG-SP-B4T18-R	70.91.11.901.0
	RAG-3225-B4T18H5-RR100	719.77.011.06	RAG-ST-B4T18H5-RR100	70.91.22.505.0	RAG-SP-B4T18-R	70.91.11.901.0



STECHEBREITE GROOVING WIDTH 5 MM  
STECHTIEFE GROOVING DEPTH 12 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)								
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f <sub>2</sub>	h <sub>2</sub>
2525	25	25	150	47	12	5	23,5	f <sub>1</sub> ±	36
3225	32	25	170	47	12	5	23,5	f <sub>1</sub> ±	43

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			2525	Typ Type	Best.-Nr. Ref. no.	Typ Type
Links Left a = 5 mm t = 12 mm	RAG-2525-B5T12H5-LG	719.78.010.07	RAG-ST-B5T12H5-LG	70.91.22.554.0	RAG-SP-B5T12-L	70.91.11.918.0
	RAG-2525-B5T12H5-LR100	719.78.010.08	RAG-ST-B5T12H5-LR100	70.91.22.555.0	RAG-SP-B5T12-L	70.91.11.918.0
	RAG-2525-B5T12H5-LL100	719.78.010.09	RAG-ST-B5T12H5-LL100	70.91.22.556.0	RAG-SP-B5T12-L	70.91.11.918.0
Rechts Right a = 5 mm t = 12 mm	RAG-2525-B5T12H5-RG	719.77.010.07	RAG-ST-B5T12H5-RG	70.91.22.506.0	RAG-SP-B5T12-R	70.91.11.902.0
	RAG-2525-B5T12H5-RL100	719.77.010.08	RAG-ST-B5T12H5-RL100	70.91.22.507.0	RAG-SP-B5T12-R	70.91.11.902.0
	RAG-2525-B5T12H5-RR100	719.77.010.09	RAG-ST-B5T12H5-RR100	70.91.22.508.0	RAG-SP-B5T12-R	70.91.11.902.0

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHEBREITE GROOVING WIDTH 5 MM  
STECHTIEFE GROOVING DEPTH 12 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			3225	Typ Type	Best.-Nr. Ref. no.	Typ Type
Links Left a = 5 mm t = 12 mm	RAG-3225-B5T12H5-LG	719.78.011.07	RAG-ST-B5T12H5-LG	70.91.22.554.0	RAG-SP-B5T12-L	70.91.11.918.0
	RAG-3225-B5T12H5-LR100	719.78.011.08	RAG-ST-B5T12H5-LR100	70.91.22.555.0	RAG-SP-B5T12-L	70.91.11.918.0
	RAG-3225-B5T12H5-LL100	719.78.011.09	RAG-ST-B5T12H5-LL100	70.91.22.556.0	RAG-SP-B5T12-L	70.91.11.918.0
Rechts Right a = 5 mm t = 12 mm	RAG-3225-B5T12H5-RG	719.77.011.07	RAG-ST-B5T12H5-RG	70.91.22.506.0	RAG-SP-B5T12-R	70.91.11.902.0
	RAG-3225-B5T12H5-RL100	719.77.011.08	RAG-ST-B5T12H5-RL100	70.91.22.507.0	RAG-SP-B5T12-R	70.91.11.902.0
	RAG-3225-B5T12H5-RR100	719.77.011.09	RAG-ST-B5T12H5-RR100	70.91.22.508.0	RAG-SP-B5T12-R	70.91.11.902.0





RAG Stechsystem  
RAG Grooving System

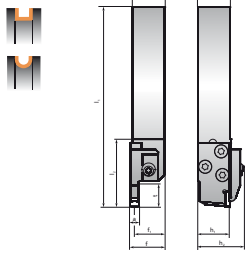
RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 6 MM  
STECHTIEFE GROOVING DEPTH 24 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 6 MM  
STECHTIEFE GROOVING DEPTH 24 MM

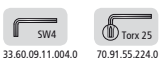


Schaft Shank	Abmessungen Dimensions (mm)									
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	h <sub>2</sub>	
2525	25	25	162	47	24	6	23,5	f <sub>1-2</sub>	36	
3225	32	25	182	47	24	6	23,5	f <sub>1-2</sub>	43	

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 6 mm t = 24 mm		RAG-2525-B6T24HS-LG	719.78.010.22	RAG-ST-B6T24HS-LG	70.91.22.569.0	RAG-SP-B6T24-L	70.91.11.923.0
		RAG-2525-B6T24HS-LR100	719.78.010.23	RAG-ST-B6T24HS-LR100	70.91.22.570.0	RAG-SP-B6T24-L	70.91.11.923.0
		RAG-2525-B6T24HS-LL100	719.78.010.24	RAG-ST-B6T24HS-LL100	70.91.22.571.0	RAG-SP-B6T24-L	70.91.11.923.0
Rechts Right a = 6 mm t = 24 mm		RAG-2525-B6T24HS-RG	719.77.010.22	RAG-ST-B6T24HS-RG	70.91.22.521.0	RAG-SP-B6T24-R	70.91.11.907.0
		RAG-2525-B6T24HS-RL100	719.77.010.23	RAG-ST-B6T24HS-RL100	70.91.22.522.0	RAG-SP-B6T24-R	70.91.11.907.0
		RAG-2525-B6T24HS-RR100	719.77.010.24	RAG-ST-B6T24HS-RR100	70.91.22.523.0	RAG-SP-B6T24-R	70.91.11.907.0

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 6 mm t = 24 mm		RAG-3225-B6T24HS-LG	719.78.011.22	RAG-ST-B6T24HS-LG	70.91.22.569.0	RAG-SP-B6T24-L	70.91.11.923.0
		RAG-3225-B6T24HS-LR100	719.78.011.23	RAG-ST-B6T24HS-LR100	70.91.22.570.0	RAG-SP-B6T24-L	70.91.11.923.0
		RAG-3225-B6T24HS-LL100	719.78.011.24	RAG-ST-B6T24HS-LL100	70.91.22.571.0	RAG-SP-B6T24-L	70.91.11.923.0
Rechts Right a = 6 mm t = 24 mm		RAG-3225-B6T24HS-RG	719.77.011.22	RAG-ST-B6T24HS-RG	70.91.22.521.0	RAG-SP-B6T24-R	70.91.11.907.0
		RAG-3225-B6T24HS-RL100	719.77.011.23	RAG-ST-B6T24HS-RL100	70.91.22.522.0	RAG-SP-B6T24-R	70.91.11.907.0
		RAG-3225-B6T24HS-RR100	719.77.011.24	RAG-ST-B6T24HS-RR100	70.91.22.523.0	RAG-SP-B6T24-R	70.91.11.907.0



33.60.09.11.004.0 70.91.55.224.0



33.60.09.11.004.0 70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

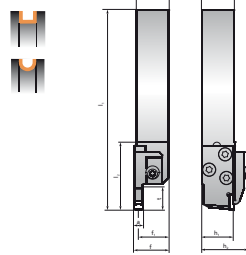
RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 6 MM  
STECHTIEFE GROOVING DEPTH 30 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 6 MM  
STECHTIEFE GROOVING DEPTH 30 MM

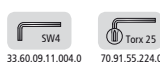


Schaft Shank	Abmessungen Dimensions (mm)									
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	h <sub>2</sub>	
2525	25	25	168	47	30	6	23,5	f <sub>1-2</sub>	36	
3225	32	25	188	47	30	6	23,5	f <sub>1-2</sub>	43	

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 6 mm t = 30 mm		RAG-2525-B6T30HS-LG	719.78.010.25	RAG-ST-B6T30HS-LG	70.91.22.572.0	RAG-SP-B6T30-L	70.91.11.924.0
		RAG-2525-B6T30HS-LR100	719.78.010.26	RAG-ST-B6T30HS-LR100	70.91.22.573.0	RAG-SP-B6T30-L	70.91.11.924.0
		RAG-2525-B6T30HS-LL100	719.78.010.27	RAG-ST-B6T30HS-LL100	70.91.22.574.0	RAG-SP-B6T30-L	70.91.11.924.0
Rechts Right a = 6 mm t = 30 mm		RAG-2525-B6T30HS-RG	719.77.010.25	RAG-ST-B6T30HS-RG	70.91.22.524.0	RAG-SP-B6T30-R	70.91.11.908.0
		RAG-2525-B6T30HS-RL100	719.77.010.26	RAG-ST-B6T30HS-RL100	70.91.22.525.0	RAG-SP-B6T30-R	70.91.11.908.0
		RAG-2525-B6T30HS-RR100	719.77.010.27	RAG-ST-B6T30HS-RR100	70.91.22.526.0	RAG-SP-B6T30-R	70.91.11.908.0

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 6 mm t = 30 mm		RAG-3225-B6T30HS-LG	719.78.011.25	RAG-ST-B6T30HS-LG	70.91.22.572.0	RAG-SP-B6T30-L	70.91.11.924.0
		RAG-3225-B6T30HS-LR100	719.78.011.26	RAG-ST-B6T30HS-LR100	70.91.22.573.0	RAG-SP-B6T30-L	70.91.11.924.0
		RAG-3225-B6T30HS-LL100	719.78.011.27	RAG-ST-B6T30HS-LL100	70.91.22.574.0	RAG-SP-B6T30-L	70.91.11.924.0
Rechts Right a = 6 mm t = 30 mm		RAG-3225-B6T30HS-RG	719.77.011.25	RAG-ST-B6T30HS-RG	70.91.22.524.0	RAG-SP-B6T30-R	70.91.11.908.0
		RAG-3225-B6T30HS-RL100	719.77.011.26	RAG-ST-B6T30HS-RL100	70.91.22.525.0	RAG-SP-B6T30-R	70.91.11.908.0
		RAG-3225-B6T30HS-RR100	719.77.011.27	RAG-ST-B6T30HS-RR100	70.91.22.526.0	RAG-SP-B6T30-R	70.91.11.908.0



33.60.09.11.004.0 70.91.55.224.0

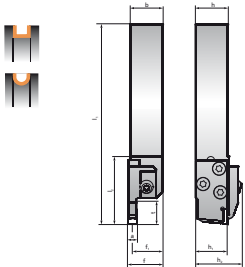


33.60.09.11.004.0 70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 12 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)									
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	h <sub>2</sub>	
2525	25	25	150	47	12	7	23,5	f <sub>1</sub> ± 0,05	36	
3225	32	25	170	47	12	7	23,5	f <sub>1</sub> ± 0,05	43	

Spanwinkel Rake angle γ	0°
Neigungswinkel Back rake angle λ	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 12 mm	RAG-2525-B7T12H5-LG	719.78.010.28	RAG-ST-B7T12H5-LG	70.91.22.575.0	RAG-SP-B7T12-L	70.91.11.925.0
	RAG-2525-B7T12H5-LR100	719.78.010.29	RAG-ST-B7T12H5-LR100	70.91.22.576.0	RAG-SP-B7T12-L	70.91.11.925.0
	RAG-2525-B7T12H5-LL100	719.78.010.30	RAG-ST-B7T12H5-LL100	70.91.22.577.0	RAG-SP-B7T12-L	70.91.11.925.0
Rechts Right a = 7 mm t = 12 mm	RAG-2525-B7T12H5-RG	719.77.010.28	RAG-ST-B7T12H5-RG	70.91.22.527.0	RAG-SP-B7T12-R	70.91.11.909.0
	RAG-2525-B7T12H5-RL100	719.77.010.29	RAG-ST-B7T12H5-RL100	70.91.22.528.0	RAG-SP-B7T12-R	70.91.11.909.0
	RAG-2525-B7T12H5-RR100	719.77.010.30	RAG-ST-B7T12H5-RR100	70.91.22.529.0	RAG-SP-B7T12-R	70.91.11.909.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 12 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 12 mm	RAG-3225-B7T12H5-LG	719.78.011.28	RAG-ST-B7T12H5-LG	70.91.22.575.0	RAG-SP-B7T12-L	70.91.11.925.0
	RAG-3225-B7T12H5-LR100	719.78.011.29	RAG-ST-B7T12H5-LR100	70.91.22.576.0	RAG-SP-B7T12-L	70.91.11.925.0
	RAG-3225-B7T12H5-LL100	719.78.011.30	RAG-ST-B7T12H5-LL100	70.91.22.577.0	RAG-SP-B7T12-L	70.91.11.925.0
Rechts Right a = 7 mm t = 12 mm	RAG-3225-B7T12H5-RG	719.77.011.28	RAG-ST-B7T12H5-RG	70.91.22.527.0	RAG-SP-B7T12-R	70.91.11.909.0
	RAG-3225-B7T12H5-RL100	719.77.011.29	RAG-ST-B7T12H5-RL100	70.91.22.528.0	RAG-SP-B7T12-R	70.91.11.909.0
	RAG-3225-B7T12H5-RR100	719.77.011.30	RAG-ST-B7T12H5-RR100	70.91.22.529.0	RAG-SP-B7T12-R	70.91.11.909.0

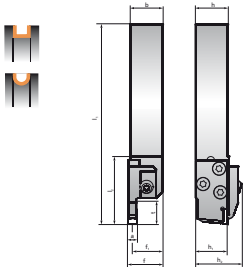
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 18 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)								
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	h <sub>2</sub>
2525	25	25	156	47	18	7	23,5	f <sub>1</sub> ± 0,1	36
3225	32	25	176	47	18	7	23,5	f <sub>1</sub> ± 0,1	43

Spanwinkel Rake angle γ	0°
Neigungswinkel Back rake angle λ	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 18 mm	RAG-2525-B7T18H5-LG	719.78.010.31	RAG-ST-B7T18H5-LG	70.91.22.578.0	RAG-SP-B7T18-L	70.91.11.926.0
	RAG-2525-B7T18H5-LR100	719.78.010.32	RAG-ST-B7T18H5-LR100	70.91.22.579.0	RAG-SP-B7T18-L	70.91.11.926.0
	RAG-2525-B7T18H5-LL100	719.78.010.33	RAG-ST-B7T18H5-LL100	70.91.22.580.0	RAG-SP-B7T18-L	70.91.11.926.0
Rechts Right a = 7 mm t = 18 mm	RAG-2525-B7T18H5-RG	719.77.010.31	RAG-ST-B7T18H5-RG	70.91.22.530.0	RAG-SP-B7T18-R	70.91.11.910.0
	RAG-2525-B7T18H5-RL100	719.77.010.32	RAG-ST-B7T18H5-RL100	70.91.22.531.0	RAG-SP-B7T18-R	70.91.11.910.0
	RAG-2525-B7T18H5-RR100	719.77.010.33	RAG-ST-B7T18H5-RR100	70.91.22.532.0	RAG-SP-B7T18-R	70.91.11.910.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 18 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 18 mm	RAG-3225-B7T18H5-LG	719.78.011.31	RAG-ST-B7T18H5-LG	70.91.22.578.0	RAG-SP-B7T18-L	70.91.11.926.0
	RAG-3225-B7T18H5-LR100	719.78.011.32	RAG-ST-B7T18H5-LR100	70.91.22.579.0	RAG-SP-B7T18-L	70.91.11.926.0
	RAG-3225-B7T18H5-LL100	719.78.011.33	RAG-ST-B7T18H5-LL100	70.91.22.580.0	RAG-SP-B7T18-L	70.91.11.926.0
Rechts Right a = 7 mm t = 18 mm	RAG-3225-B7T18H5-RG	719.77.011.31	RAG-ST-B7T18H5-RG	70.91.22.530.0	RAG-SP-B7T18-R	70.91.11.910.0
	RAG-3225-B7T18H5-RL100	719.77.011.32	RAG-ST-B7T18H5-RL100	70.91.22.531.0	RAG-SP-B7T18-R	70.91.11.910.0
	RAG-3225-B7T18H5-RR100	719.77.011.33	RAG-ST-B7T18H5-RR100	70.91.22.532.0	RAG-SP-B7T18-R	70.91.11.910.0

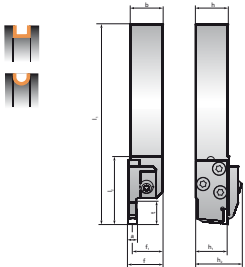
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 24 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)									
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	h <sub>2</sub>	
2525	25	25	162	47	24	7	23,5	f <sub>1</sub> ± 0,1	36	
3225	32	25	182	47	24	7	23,5	f <sub>1</sub> ± 0,1	43	

Spanwinkel Rake angle γ	0°
Neigungswinkel Back rake angle λ	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 24 mm	RAG-2525-B7T24H5-LG	719.78.010.34	RAG-ST-B7T24H5-LG	70.91.22.581.0	RAG-SP-B7T24-L	70.91.11.927.0
	RAG-2525-B7T24H5-LR100	719.78.010.35	RAG-ST-B7T24H5-LR100	70.91.22.582.0	RAG-SP-B7T24-L	70.91.11.927.0
	RAG-2525-B7T24H5-LL100	719.78.010.36	RAG-ST-B7T24H5-LL100	70.91.22.583.0	RAG-SP-B7T24-L	70.91.11.927.0
Rechts Right a = 7 mm t = 24 mm	RAG-2525-B7T24H5-RG	719.77.010.34	RAG-ST-B7T24H5-RG	70.91.22.533.0	RAG-SP-B7T24-R	70.91.11.911.0
	RAG-2525-B7T24H5-RL100	719.77.010.35	RAG-ST-B7T24H5-RL100	70.91.22.534.0	RAG-SP-B7T24-R	70.91.11.911.0
	RAG-2525-B7T24H5-RR100	719.77.010.36	RAG-ST-B7T24H5-RR100	70.91.22.535.0	RAG-SP-B7T24-R	70.91.11.911.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 24 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 24 mm	RAG-3225-B7T24H5-LG	719.78.011.34	RAG-ST-B7T24H5-LG	70.91.22.581.0	RAG-SP-B7T24-L	70.91.11.927.0
	RAG-3225-B7T24H5-LR100	719.78.011.35	RAG-ST-B7T24H5-LR100	70.91.22.582.0	RAG-SP-B7T24-L	70.91.11.927.0
	RAG-3225-B7T24H5-LL100	719.78.011.36	RAG-ST-B7T24H5-LL100	70.91.22.583.0	RAG-SP-B7T24-L	70.91.11.927.0
Rechts Right a = 7 mm t = 24 mm	RAG-3225-B7T24H5-RG	719.77.011.34	RAG-ST-B7T24H5-RG	70.91.22.533.0	RAG-SP-B7T24-R	70.91.11.911.0
	RAG-3225-B7T24H5-RL100	719.77.011.35	RAG-ST-B7T24H5-RL100	70.91.22.534.0	RAG-SP-B7T24-R	70.91.11.911.0
	RAG-3225-B7T24H5-RR100	719.77.011.36	RAG-ST-B7T24H5-RR100	70.91.22.535.0	RAG-SP-B7T24-R	70.91.11.911.0

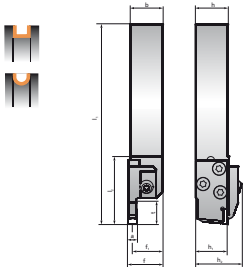
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 30 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)									
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	f <sub>2</sub>	h <sub>2</sub>
2525	25	25	168	47	30	7	23,5	f <sub>1</sub> ± 0,05	36	
3225	32	25	188	47	30	7	23,5	f <sub>1</sub> ± 0,05	43	

Spanwinkel Rake angle γ	0°
Neigungswinkel Back rake angle λ	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 30 mm	RAG-2525-B7T30H5-LG	719.78.010.37	RAG-ST-B7T30H5-LG	70.91.22.584.0	RAG-SP-B7T30-L	70.91.11.928.0
	RAG-2525-B7T30H5-LR100	719.78.010.38	RAG-ST-B7T30H5-LR100	70.91.22.585.0	RAG-SP-B7T30-L	70.91.11.928.0
	RAG-2525-B7T30H5-LL100	719.78.010.39	RAG-ST-B7T30H5-LL100	70.91.22.586.0	RAG-SP-B7T30-L	70.91.11.928.0
Rechts Right a = 7 mm t = 30 mm	RAG-2525-B7T30H5-RG	719.77.010.37	RAG-ST-B7T30H5-RG	70.91.22.536.0	RAG-SP-B7T30-R	70.91.11.912.0
	RAG-2525-B7T30H5-RL100	719.77.010.38	RAG-ST-B7T30H5-RL100	70.91.22.537.0	RAG-SP-B7T30-R	70.91.11.912.0
	RAG-2525-B7T30H5-RR100	719.77.010.39	RAG-ST-B7T30H5-RR100	70.91.22.538.0	RAG-SP-B7T30-R	70.91.11.912.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 30 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 30 mm	RAG-3225-B7T30H5-LG	719.78.011.37	RAG-ST-B7T30H5-LG	70.91.22.584.0	RAG-SP-B7T30-L	70.91.11.928.0
	RAG-3225-B7T30H5-LR100	719.78.011.38	RAG-ST-B7T30H5-LR100	70.91.22.585.0	RAG-SP-B7T30-L	70.91.11.928.0
	RAG-3225-B7T30H5-LL100	719.78.011.39	RAG-ST-B7T30H5-LL100	70.91.22.586.0	RAG-SP-B7T30-L	70.91.11.928.0
Rechts Right a = 7 mm t = 30 mm	RAG-3225-B7T30H5-RG	719.77.011.37	RAG-ST-B7T30H5-RG	70.91.22.536.0	RAG-SP-B7T30-R	70.91.11.912.0
	RAG-3225-B7T30H5-RL100	719.77.011.38	RAG-ST-B7T30H5-RL100	70.91.22.537.0	RAG-SP-B7T30-R	70.91.11.912.0
	RAG-3225-B7T30H5-RR100	719.77.011.39	RAG-ST-B7T30H5-RR100	70.91.22.538.0	RAG-SP-B7T30-R	70.91.11.912.0

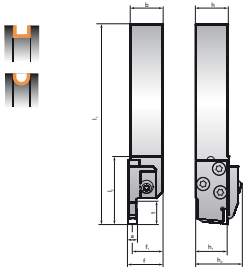
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHEBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 18 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)									
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	h <sub>2</sub>	
2525	25	25	156	47	18	8	23,5	f <sub>1</sub> ±	36	
3225	32	25	176	47	18	8	23,5	f <sub>1</sub> ±	43	

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 8 mm t = 18 mm	RAG-2525-B8T18H5-LG	719.78.010.40	RAG-ST-B8T18H5-LG	70.91.22.587.0	RAG-SP-B8T18-L	70.91.11.929.0
	RAG-2525-B8T18H5-LR100	719.78.010.41	RAG-ST-B8T18H5-LR100	70.91.22.588.0	RAG-SP-B8T18-L	70.91.11.929.0
	RAG-2525-B8T18H5-LL100	719.78.010.42	RAG-ST-B8T18H5-LL100	70.91.22.589.0	RAG-SP-B8T18-L	70.91.11.929.0
Rechts Right a = 8 mm t = 18 mm	RAG-2525-B8T18H5-RG	719.77.010.40	RAG-ST-B8T18H5-RG	70.91.22.539.0	RAG-SP-B8T18-R	70.91.11.913.0
	RAG-2525-B8T18H5-RL100	719.77.010.41	RAG-ST-B8T18H5-RL100	70.91.22.540.0	RAG-SP-B8T18-R	70.91.11.913.0
	RAG-2525-B8T18H5-RR100	719.77.010.42	RAG-ST-B8T18H5-RR100	70.91.22.541.0	RAG-SP-B8T18-R	70.91.11.913.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHEBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 18 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 8 mm t = 18 mm	RAG-3225-B8T18H5-LG	719.78.011.40	RAG-ST-B8T18H5-LG	70.91.22.587.0	RAG-SP-B8T18-L	70.91.11.929.0
	RAG-3225-B8T18H5-LR100	719.78.011.41	RAG-ST-B8T18H5-LR100	70.91.22.588.0	RAG-SP-B8T18-L	70.91.11.929.0
	RAG-3225-B8T18H5-LL100	719.78.011.42	RAG-ST-B8T18H5-LL100	70.91.22.589.0	RAG-SP-B8T18-L	70.91.11.929.0
Rechts Right a = 8 mm t = 18 mm	RAG-3225-B8T18H5-RG	719.77.011.40	RAG-ST-B8T18H5-RG	70.91.22.539.0	RAG-SP-B8T18-R	70.91.11.913.0
	RAG-3225-B8T18H5-RL100	719.77.011.41	RAG-ST-B8T18H5-RL100	70.91.22.540.0	RAG-SP-B8T18-R	70.91.11.913.0
	RAG-3225-B8T18H5-RR100	719.77.011.42	RAG-ST-B8T18H5-RR100	70.91.22.541.0	RAG-SP-B8T18-R	70.91.11.913.0

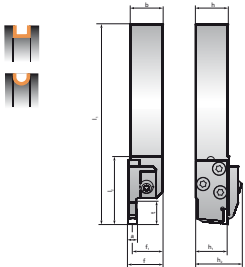
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 24 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)									
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	h <sub>2</sub>	
2525	25	25	162	47	24	8	23,5	f <sub>1</sub> ±	36	
3225	32	25	182	47	24	8	23,5	f <sub>1</sub> ±	43	

Spanwinkel Rake angle γ	0°
Neigungswinkel Back rake angle λ	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 8 mm t = 24 mm	RAG-2525-B8T24H5-LG	719.78.010.43	RAG-ST-B8T24H5-LG	70.91.22.590.0	RAG-SP-B8T24-L	70.91.11.930.0
	RAG-2525-B8T24H5-LR100	719.78.010.44	RAG-ST-B8T24H5-LR100	70.91.22.591.0	RAG-SP-B8T24-L	70.91.11.930.0
	RAG-2525-B8T24H5-LL100	719.78.010.45	RAG-ST-B8T24H5-LL100	70.91.22.592.0	RAG-SP-B8T24-L	70.91.11.930.0
Rechts Right a = 8 mm t = 24 mm	RAG-2525-B8T24H5-RG	719.77.010.43	RAG-ST-B8T24H5-RG	70.91.22.542.0	RAG-SP-B8T24-R	70.91.11.914.0
	RAG-2525-B8T24H5-RL100	719.77.010.44	RAG-ST-B8T24H5-RL100	70.91.22.543.0	RAG-SP-B8T24-R	70.91.11.914.0
	RAG-2525-B8T24H5-RR100	719.77.010.45	RAG-ST-B8T24H5-RR100	70.91.22.544.0	RAG-SP-B8T24-R	70.91.11.914.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 24 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 8 mm t = 24 mm	RAG-3225-B8T24H5-LG	719.78.011.43	RAG-ST-B8T24H5-LG	70.91.22.590.0	RAG-SP-B8T24-L	70.91.11.930.0
	RAG-3225-B8T24H5-LR100	719.78.011.44	RAG-ST-B8T24H5-LR100	70.91.22.591.0	RAG-SP-B8T24-L	70.91.11.930.0
	RAG-3225-B8T24H5-LL100	719.78.011.45	RAG-ST-B8T24H5-LL100	70.91.22.592.0	RAG-SP-B8T24-L	70.91.11.930.0
Rechts Right a = 8 mm t = 24 mm	RAG-3225-B8T24H5-RG	719.77.011.43	RAG-ST-B8T24H5-RG	70.91.22.542.0	RAG-SP-B8T24-R	70.91.11.914.0
	RAG-3225-B8T24H5-RL100	719.77.011.44	RAG-ST-B8T24H5-RL100	70.91.22.543.0	RAG-SP-B8T24-R	70.91.11.914.0
	RAG-3225-B8T24H5-RR100	719.77.011.45	RAG-ST-B8T24H5-RR100	70.91.22.544.0	RAG-SP-B8T24-R	70.91.11.914.0

SW4  
33.60.09.11.004.0

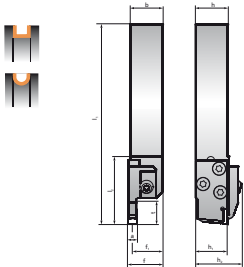
Torx 25  
70.91.55.224.0



RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 30 MM

SCHAFTAUSFÜHRUNG SHANK VERSION  
2525



Schaft Shank	Abmessungen Dimensions (mm)									
	h=h <sub>1</sub>	b	l <sub>1</sub>	l <sub>2</sub>	t	a	f <sub>1</sub>	f	h <sub>2</sub>	
2525	25	25	168	47	30	8	23,5	f <sub>1</sub> ± 0,1	36	
3225	32	25	188	47	30	8	23,5	f <sub>1</sub> ± 0,1	43	

Spanwinkel Rake angle γ	0°
Neigungswinkel Back rake angle λ	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 8 mm t = 30 mm	RAG-2525-B8T30H5-LG	719.78.010.46	RAG-ST-B8T30H5-LG	70.91.22.593.0	RAG-SP-B8T30-L	70.91.11.931.0
	RAG-2525-B8T30H5-LR100	719.78.010.47	RAG-ST-B8T30H5-LR100	70.91.22.594.0	RAG-SP-B8T30-L	70.91.11.931.0
	RAG-2525-B8T30H5-LL100	719.78.010.48	RAG-ST-B8T30H5-LL100	70.91.22.595.0	RAG-SP-B8T30-L	70.91.11.931.0
Rechts Right a = 8 mm t = 30 mm	RAG-2525-B8T30H5-RG	719.77.010.46	RAG-ST-B8T30H5-RG	70.91.22.545.0	RAG-SP-B8T30-R	70.91.11.915.0
	RAG-2525-B8T30H5-RL100	719.77.010.47	RAG-ST-B8T30H5-RL100	70.91.22.546.0	RAG-SP-B8T30-R	70.91.11.915.0
	RAG-2525-B8T30H5-RR100	719.77.010.48	RAG-ST-B8T30H5-RR100	70.91.22.547.0	RAG-SP-B8T30-R	70.91.11.915.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

SCHAFTAUSFÜHRUNG SHANK VERSION  
3225

STECHBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 30 MM

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 8 mm t = 30 mm	RAG-3225-B8T30H5-LG	719.78.011.46	RAG-ST-B8T30H5-LG	70.91.22.593.0	RAG-SP-B8T30-L	70.91.11.931.0
	RAG-3225-B8T30H5-LR100	719.78.011.47	RAG-ST-B8T30H5-LR100	70.91.22.594.0	RAG-SP-B8T30-L	70.91.11.931.0
	RAG-3225-B8T30H5-LL100	719.78.011.48	RAG-ST-B8T30H5-LL100	70.91.22.595.0	RAG-SP-B8T30-L	70.91.11.931.0
Rechts Right a = 8 mm t = 30 mm	RAG-3225-B8T30H5-RG	719.77.011.46	RAG-ST-B8T30H5-RG	70.91.22.545.0	RAG-SP-B8T30-R	70.91.11.915.0
	RAG-3225-B8T30H5-RL100	719.77.011.47	RAG-ST-B8T30H5-RL100	70.91.22.546.0	RAG-SP-B8T30-R	70.91.11.915.0
	RAG-3225-B8T30H5-RR100	719.77.011.48	RAG-ST-B8T30H5-RR100	70.91.22.547.0	RAG-SP-B8T30-R	70.91.11.915.0

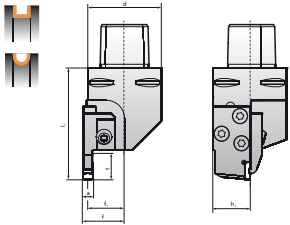
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHEBREITE GROOVING WIDTH 4 MM  
STECHTIEFE GROOVING DEPTH 12 MM

AUSFÜHRUNG VERSION  
CMS5



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	70	12	4	f <sub>1</sub> ± 0.05

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

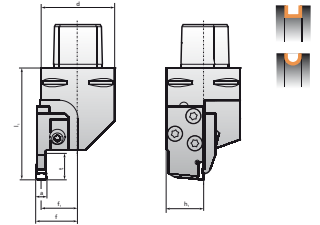
	Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
				Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 4 mm t = 12 mm		RAG-CMS5-B4T12H5-LG	799.78.001.01	RAG-ST-B4T12H5-LG	70.91.22.548.0	RAG-SP-B4T12-L	70.91.11.916.0
		RAG-CMS5-B4T12H5-LR100	799.78.001.02	RAG-ST-B4T12H5-LR100	70.91.22.549.0	RAG-SP-B4T12-L	70.91.11.916.0
		RAG-CMS5-B4T12H5-LL100	799.78.001.03	RAG-ST-B4T12H5-LL100	70.91.22.550.0	RAG-SP-B4T12-L	70.91.11.916.0
Rechts Right a = 4 mm t = 12 mm		RAG-CMS5-B4T12H5-RG	799.77.001.01	RAG-ST-B4T12H5-RG	70.91.22.500.0	RAG-SP-B4T12-R	70.91.11.900.0
		RAG-CMS5-B4T12H5-RL100	799.77.001.02	RAG-ST-B4T12H5-RL100	70.91.22.501.0	RAG-SP-B4T12-R	70.91.11.900.0
		RAG-CMS5-B4T12H5-RR100	799.77.001.03	RAG-ST-B4T12H5-RR100	70.91.22.502.0	RAG-SP-B4T12-R	70.91.11.900.0

SW4 33.60.09.11.004.0  
Torx 25 70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

AUSFÜHRUNG VERSION  
CMS5

STECHEBREITE GROOVING WIDTH 4 MM  
STECHTIEFE GROOVING DEPTH 18 MM



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	76	18	4	f <sub>1</sub> ± 0.05

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

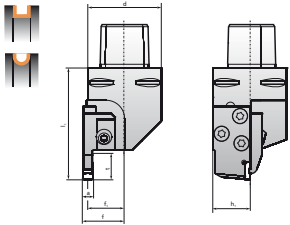
	Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
				Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 4 mm t = 18 mm		RAG-CMS5-B4T18H5-LG	799.78.001.04	RAG-ST-B4T18H5-LG	70.91.22.551.0	RAG-SP-B4T18-L	70.91.11.917.0
		RAG-CMS5-B4T18H5-LR100	799.78.001.05	RAG-ST-B4T18H5-LR100	70.91.22.552.0	RAG-SP-B4T18-L	70.91.11.917.0
		RAG-CMS5-B4T18H5-LL100	799.78.001.06	RAG-ST-B4T18H5-LL100	70.91.22.553.0	RAG-SP-B4T18-L	70.91.11.917.0
Rechts Right a = 4 mm t = 18 mm		RAG-CMS5-B4T18H5-RG	799.77.001.04	RAG-ST-B4T18H5-RG	70.91.22.503.0	RAG-SP-B4T18-R	70.91.11.901.0
		RAG-CMS5-B4T18H5-RL100	799.77.001.05	RAG-ST-B4T18H5-RL100	70.91.22.504.0	RAG-SP-B4T18-R	70.91.11.901.0
		RAG-CMS5-B4T18H5-RR100	799.77.001.06	RAG-ST-B4T18H5-RR100	70.91.22.505.0	RAG-SP-B4T18-R	70.91.11.901.0

SW4 33.60.09.11.004.0  
Torx 25 70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 5 MM  
STECHTIEFE GROOVING DEPTH 12 MM

AUSFÜHRUNG VERSION  
CMS5



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	70	12	5	f <sub>1</sub> ± 0.05

Spanwinkel Rake angle γ	0°
Neigungswinkel Back rake angle λ	0°

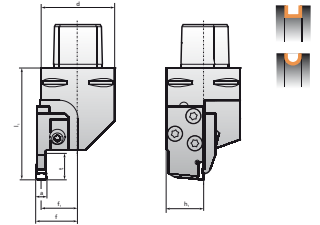
Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.		Stechschwert Grooving blade		Spannelement Clamping element	
		CMS5	Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 5 mm t = 12 mm	RAG-CMS5-BST12H5-LG	799.78.001.07	RAG-ST-B5T12H5-LG	70.91.22.554.0	RAG-SP-B5T12-L	70.91.11.918.0	
	RAG-CMS5-BST12H5-LR100	799.78.001.08	RAG-ST-B5T12H5-LR100	70.91.22.555.0	RAG-SP-B5T12-L	70.91.11.918.0	
	RAG-CMS5-BST12H5-LL100	799.78.001.09	RAG-ST-B5T12H5-LL100	70.91.22.556.0	RAG-SP-B5T12-L	70.91.11.918.0	
Rechts Right a = 5 mm t = 12 mm	RAG-CMS5-BST12H5-RG	799.77.001.07	RAG-ST-B5T12H5-RG	70.91.22.506.0	RAG-SP-B5T12-R	70.91.11.902.0	
	RAG-CMS5-BST12H5-RL100	799.77.001.08	RAG-ST-B5T12H5-RL100	70.91.22.507.0	RAG-SP-B5T12-R	70.91.11.902.0	
	RAG-CMS5-BST12H5-RR100	799.77.001.09	RAG-ST-B5T12H5-RR100	70.91.22.508.0	RAG-SP-B5T12-R	70.91.11.902.0	

33.60.09.11.004.0  
 70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

AUSFÜHRUNG VERSION  
CMS5

STECHBREITE GROOVING WIDTH 5 MM  
STECHTIEFE GROOVING DEPTH 18 MM



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	76	18	5	f <sub>1</sub> ± 0.05

Spanwinkel Rake angle γ	0°
Neigungswinkel Back rake angle λ	0°

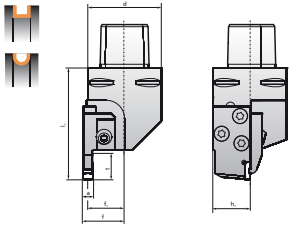
Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.		Stechschwert Grooving blade		Spannelement Clamping element	
		CMS5	Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 5 mm t = 18 mm	RAG-CMS5-BST18H5-LG	799.78.001.10	RAG-ST-B5T18H5-LG	70.91.22.557.0	RAG-SP-B5T18-L	70.91.11.919.0	
	RAG-CMS5-BST18H5-LR100	799.78.001.11	RAG-ST-B5T18H5-LR100	70.91.22.558.0	RAG-SP-B5T18-L	70.91.11.919.0	
	RAG-CMS5-BST18H5-LL100	799.78.001.12	RAG-ST-B5T18H5-LL100	70.91.22.559.0	RAG-SP-B5T18-L	70.91.11.919.0	
Rechts Right a = 5 mm t = 18 mm	RAG-CMS5-BST18H5-RG	799.77.001.10	RAG-ST-B5T18H5-RG	70.91.22.509.0	RAG-SP-B5T18-R	70.91.11.903.0	
	RAG-CMS5-BST18H5-RL100	799.77.001.11	RAG-ST-B5T18H5-RL100	70.91.22.510.0	RAG-SP-B5T18-R	70.91.11.903.0	
	RAG-CMS5-BST18H5-RR100	799.77.001.12	RAG-ST-B5T18H5-RR100	70.91.22.511.0	RAG-SP-B5T18-R	70.91.11.903.0	

33.60.09.11.004.0  
 70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 5 MM  
STECHTIEFE GROOVING DEPTH 24 MM

AUSFÜHRUNG VERSION  
CMS5



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	82	24	5	f <sub>1</sub> ±

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.		Stechschwert Grooving blade		Spannelement Clamping element	
		CMS5	Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 5 mm t = 24 mm		RAG-CMS5-B5T24H5-LG	799.78.001.13	RAG-ST-B5T24H5-LG	70.91.22.560.0	RAG-SP-B5T24-L	70.91.11.920.0
		RAG-CMS5-B5T24H5-LR100	799.78.001.14	RAG-ST-B5T24H5-LR100	70.91.22.561.0	RAG-SP-B5T24-L	70.91.11.920.0
		RAG-CMS5-B5T24H5-LL100	799.78.001.15	RAG-ST-B5T24H5-LL100	70.91.22.562.0	RAG-SP-B5T24-L	70.91.11.920.0
Rechts Right a = 5 mm t = 24 mm		RAG-CMS5-B5T24H5-RG	799.77.001.13	RAG-ST-B5T24H5-RG	70.91.22.512.0	RAG-SP-B5T24-R	70.91.11.904.0
		RAG-CMS5-B5T24H5-RL100	799.77.001.14	RAG-ST-B5T24H5-RL100	70.91.22.513.0	RAG-SP-B5T24-R	70.91.11.904.0
		RAG-CMS5-B5T24H5-RR100	799.77.001.15	RAG-ST-B5T24H5-RR100	70.91.22.514.0	RAG-SP-B5T24-R	70.91.11.904.0

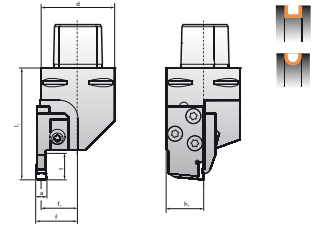
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

AUSFÜHRUNG VERSION  
CMS5

STECHBREITE GROOVING WIDTH 6 MM  
STECHTIEFE GROOVING DEPTH 12 MM



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	70	12	6	f <sub>1</sub> ±

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.		Stechschwert Grooving blade		Spannelement Clamping element	
		CMS5	Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 6 mm t = 12 mm		RAG-CMS5-B6T12H5-LG	799.78.001.16	RAG-ST-B6T12H5-LG	70.91.22.563.0	RAG-SP-B6T12-L	70.91.11.921.0
		RAG-CMS5-B6T12H5-LR100	799.78.001.17	RAG-ST-B6T12H5-LR100	70.91.22.564.0	RAG-SP-B6T12-L	70.91.11.921.0
		RAG-CMS5-B6T12H5-LL100	799.78.001.18	RAG-ST-B6T12H5-LL100	70.91.22.565.0	RAG-SP-B6T12-L	70.91.11.921.0
Rechts Right a = 6 mm t = 12 mm		RAG-CMS5-B6T12H5-RG	799.77.001.16	RAG-ST-B6T12H5-RG	70.91.22.515.0	RAG-SP-B6T12-R	70.91.11.905.0
		RAG-CMS5-B6T12H5-RL100	799.77.001.17	RAG-ST-B6T12H5-RL100	70.91.22.516.0	RAG-SP-B6T12-R	70.91.11.905.0
		RAG-CMS5-B6T12H5-RR100	799.77.001.18	RAG-ST-B6T12H5-RR100	70.91.22.517.0	RAG-SP-B6T12-R	70.91.11.905.0

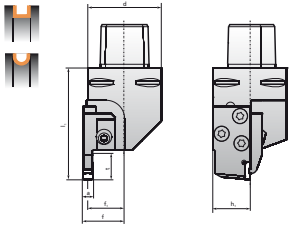
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

## RAG Stechsystem RAG Grooving System

STECHBREITE GROOVING WIDTH 6 MM  
STECHTIEFE GROOVING DEPTH 18 MM

AUSFÜHRUNG VERSION  
CMS5



Abmessungen Dimensions (mm)						
	h <sub>h</sub>	d	l <sub>l</sub>	t	a	f <sub>f</sub>
CMS5	25	50	76	18	6	f <sub>f</sub> ±

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 6 mm t = 18 mm	RAG-CMS5-B6T18H5-LG	799.78.001.19	RAG-ST-B6T18H5-LG	70.91.22.566.0	RAG-SP-B6T18-L	70.91.11.922.0
	RAG-CMS5-B6T18H5-LR100	799.78.001.20	RAG-ST-B6T18H5-LR100	70.91.22.567.0	RAG-SP-B6T18-L	70.91.11.922.0
	RAG-CMS5-B6T18H5-LL100	799.78.001.21	RAG-ST-B6T18H5-LL100	70.91.22.568.0	RAG-SP-B6T18-L	70.91.11.922.0
Rechts Right a = 6 mm t = 18 mm	RAG-CMS5-B6T18H5-RG	799.77.001.19	RAG-ST-B6T18H5-RG	70.91.22.518.0	RAG-SP-B6T18-R	70.91.11.906.0
	RAG-CMS5-B6T18H5-RL100	799.77.001.20	RAG-ST-B6T18H5-RL100	70.91.22.519.0	RAG-SP-B6T18-R	70.91.11.906.0
	RAG-CMS5-B6T18H5-RR100	799.77.001.21	RAG-ST-B6T18H5-RR100	70.91.22.520.0	RAG-SP-B6T18-R	70.91.11.906.0

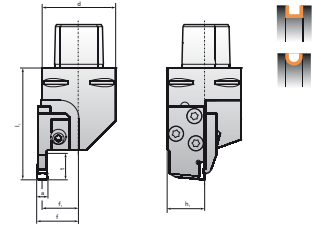
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

## RAG Stechsystem RAG Grooving System

AUSFÜHRUNG VERSION  
CMS5

STECHBREITE GROOVING WIDTH 6 MM  
STECHTIEFE GROOVING DEPTH 24 MM



Abmessungen Dimensions (mm)						
	h <sub>h</sub>	d	l <sub>l</sub>	t	a	f <sub>f</sub>
CMS5	25	50	82	24	6	f <sub>f</sub> ±

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 6 mm t = 24 mm	RAG-CMS5-B6T24H5-LG	799.78.001.22	RAG-ST-B6T24H5-LG	70.91.22.569.0	RAG-SP-B6T24-L	70.91.11.923.0
	RAG-CMS5-B6T24H5-LR100	799.78.001.23	RAG-ST-B6T24H5-LR100	70.91.22.570.0	RAG-SP-B6T24-L	70.91.11.923.0
	RAG-CMS5-B6T24H5-LL100	799.78.001.24	RAG-ST-B6T24H5-LL100	70.91.22.571.0	RAG-SP-B6T24-L	70.91.11.923.0
Rechts Right a = 6 mm t = 24 mm	RAG-CMS5-B6T24H5-RG	799.77.001.22	RAG-ST-B6T24H5-RG	70.91.22.521.0	RAG-SP-B6T24-R	70.91.11.907.0
	RAG-CMS5-B6T24H5-RL100	799.77.001.23	RAG-ST-B6T24H5-RL100	70.91.22.522.0	RAG-SP-B6T24-R	70.91.11.907.0
	RAG-CMS5-B6T24H5-RR100	799.77.001.24	RAG-ST-B6T24H5-RR100	70.91.22.523.0	RAG-SP-B6T24-R	70.91.11.905.0

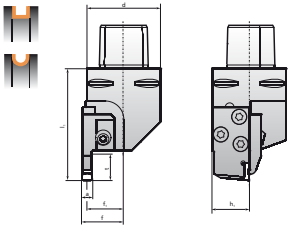
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

## RAG Stechsystem RAG Grooving System

STECHBREITE GROOVING WIDTH 6 MM  
STECHTIEFE GROOVING DEPTH 30 MM

AUSFÜHRUNG VERSION  
CMSS



CMSS	Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f	f <sub>1</sub>
CMSS	25	50	88	30	6	f <sub>1</sub> - $\frac{a}{2}$	25

Spanwinkel <i>Rake angle</i> $\gamma$	0°
Neigungswinkel <i>Back rake angle</i> $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			CMSS	Typ Type	Best.-Nr. Ref. no.	Typ Type
Links Left a = 6 mm t = 30 mm	RAG-CMSS-B6T30H5-LG	799.78.001.25	RAG-ST-B6T30H5-LG	70.91.22.572.0	RAG-SP-B6T30-L	70.91.11.924.0
	RAG-CMSS-B6T30H5-LR100	799.78.001.26	RAG-ST-B6T30H5-LR100	70.91.22.573.0	RAG-SP-B6T30-L	70.91.11.924.0
	RAG-CMSS-B6T30H5-LL100	799.78.001.27	RAG-ST-B6T30H5-LL100	70.91.22.574.0	RAG-SP-B6T30-L	70.91.11.924.0
Rechts Right a = 6 mm t = 30 mm	RAG-CMSS-B6T30H5-RG	799.77.001.25	RAG-ST-B6T30H5-RG	70.91.22.524.0	RAG-SP-B6T30-R	70.91.11.908.0
	RAG-CMSS-B6T30H5-RL100	799.77.001.26	RAG-ST-B6T30H5-RL100	70.91.22.525.0	RAG-SP-B6T30-R	70.91.11.908.0
	RAG-CMSS-B6T30H5-RR100	799.77.001.27	RAG-ST-B6T30H5-RR100	70.91.22.526.0	RAG-SP-B6T30-R	70.91.11.908.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

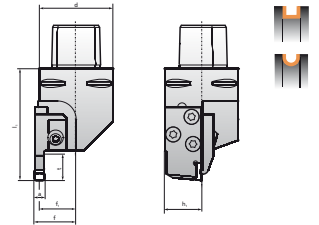
## RAG Stechsystem RAG Grooving System

AUSFÜHRUNG VERSION  
CMSS

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 12 MM

CMSS	Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f	f <sub>1</sub>
CMSS	25	50	70	12	7	f <sub>1</sub> - $\frac{a}{2}$	25

Spanwinkel <i>Rake angle</i> $\gamma$	0°
Neigungswinkel <i>Back rake angle</i> $\lambda$	0°



Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			CMSS	Typ Type	Best.-Nr. Ref. no.	Typ Type
Links Left a = 7 mm t = 12 mm	RAG-CMSS-B7T12H5-LG	799.78.001.28	RAG-ST-B7T12H5-LG	70.91.22.575.0	RAG-SP-B7T12-L	70.91.11.925.0
	RAG-CMSS-B7T12H5-LR100	799.78.001.29	RAG-ST-B7T12H5-LR100	70.91.22.576.0	RAG-SP-B7T12-L	70.91.11.925.0
	RAG-CMSS-B7T12H5-LL100	799.78.001.30	RAG-ST-B7T12H5-LL100	70.91.22.577.0	RAG-SP-B7T12-L	70.91.11.925.0
Rechts Right a = 7 mm t = 12 mm	RAG-CMSS-B7T12H5-RG	799.77.001.28	RAG-ST-B7T12H5-RG	70.91.22.527.0	RAG-SP-B7T12-R	70.91.11.909.0
	RAG-CMSS-B7T12H5-RL100	799.77.001.29	RAG-ST-B7T12H5-RL100	70.91.22.528.0	RAG-SP-B7T12-R	70.91.11.909.0
	RAG-CMSS-B7T12H5-RR100	799.77.001.30	RAG-ST-B7T12H5-RR100	70.91.22.529.0	RAG-SP-B7T12-R	70.91.11.909.0

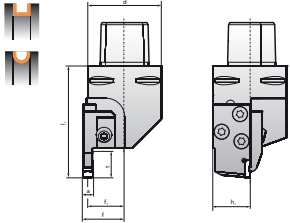
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 18 MM

AUSFÜHRUNG VERSION  
CMS5



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	76	18	7	f <sub>1</sub> ±

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			CMS5	Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 18 mm		RAG-CMS5-B7T18H5-LG	799.78.001.31	RAG-ST-B7T18H5-LG	70.91.22.578.0	RAG-SP-B7T18-L	70.91.11.926.0
		RAG-CMS5-B7T18H5-LR100	799.78.001.32	RAG-ST-B7T18H5-LR100	70.91.22.579.0	RAG-SP-B7T18-L	70.91.11.926.0
		RAG-CMS5-B7T18H5-LL100	799.78.001.33	RAG-ST-B7T18H5-LL100	70.91.22.580.0	RAG-SP-B7T18-L	70.91.11.926.0
Rechts Right a = 7 mm t = 18 mm		RAG-CMS5-B7T18H5-RG	799.77.001.31	RAG-ST-B7T18H5-RG	70.91.22.530.0	RAG-SP-B7T18-R	70.91.11.910.0
		RAG-CMS5-B7T18H5-RL100	799.77.001.32	RAG-ST-B7T18H5-RL100	70.91.22.531.0	RAG-SP-B7T18-R	70.91.11.910.0
		RAG-CMS5-B7T18H5-RR100	799.77.001.33	RAG-ST-B7T18H5-RR100	70.91.22.532.0	RAG-SP-B7T18-R	70.91.11.910.0

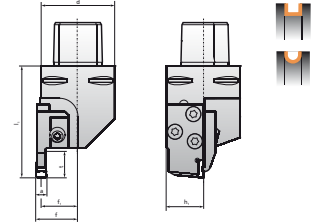
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

AUSFÜHRUNG VERSION  
CMS5

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 24 MM



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	82	24	7	f <sub>1</sub> ±

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			CMS5	Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 24 mm		RAG-CMS5-B7T24H5-LG	799.78.001.34	RAG-ST-B7T24H5-LG	70.91.22.581.0	RAG-SP-B7T24-L	70.91.11.927.0
		RAG-CMS5-B7T24H5-LR100	799.78.001.35	RAG-ST-B7T24H5-LR100	70.91.22.582.0	RAG-SP-B7T24-L	70.91.11.927.0
		RAG-CMS5-B7T24H5-LL100	799.78.001.36	RAG-ST-B7T24H5-LL100	70.91.22.583.0	RAG-SP-B7T24-L	70.91.11.927.0
Rechts Right a = 7 mm t = 24 mm		RAG-CMS5-B7T24H5-RG	799.77.001.34	RAG-ST-B7T24H5-RG	70.91.22.533.0	RAG-SP-B7T24-R	70.91.11.911.0
		RAG-CMS5-B7T24H5-RL100	799.77.001.35	RAG-ST-B7T24H5-RL100	70.91.22.534.0	RAG-SP-B7T24-R	70.91.11.911.0
		RAG-CMS5-B7T24H5-RR100	799.77.001.36	RAG-ST-B7T24H5-RR100	70.91.22.535.0	RAG-SP-B7T24-R	70.91.11.911.0

SW4  
33.60.09.11.004.0

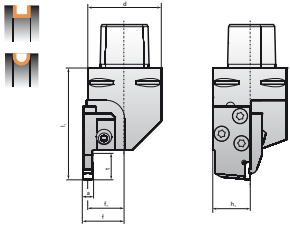
Torx 25  
70.91.55.224.0



RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 7 MM  
STECHTIEFE GROOVING DEPTH 30 MM

AUSFÜHRUNG VERSION  
CMS5



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	88	30	7	f <sub>1</sub> ±

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 7 mm t = 30 mm	RAG-CMS5-B7T30H5-LG	799.78.001.37	RAG-ST-B7T30H5-LG	70.91.22.584.0	RAG-SP-B7T30-L	70.91.11.928.0
	RAG-CMS5-B7T30H5-LR100	799.78.001.38	RAG-ST-B7T30H5-LR100	70.91.22.585.0	RAG-SP-B7T30-L	70.91.11.928.0
	RAG-CMS5-B7T30H5-LL100	799.78.001.39	RAG-ST-B7T30H5-LL100	70.91.22.586.0	RAG-SP-B7T30-L	70.91.11.928.0
Rechts Right a = 7 mm t = 30 mm	RAG-CMS5-B7T30H5-RG	799.77.001.37	RAG-ST-B7T30H5-RG	70.91.22.536.0	RAG-SP-B7T30-R	70.91.11.912.0
	RAG-CMS5-B7T30H5-RL100	799.77.001.38	RAG-ST-B7T30H5-RL100	70.91.22.537.0	RAG-SP-B7T30-R	70.91.11.912.0
	RAG-CMS5-B7T30H5-RR100	799.77.001.39	RAG-ST-B7T30H5-RR100	70.91.22.538.0	RAG-SP-B7T30-R	70.91.11.912.0

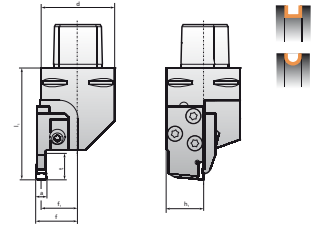
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

AUSFÜHRUNG VERSION  
CMS5

STECHBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 18 MM



Abmessungen Dimensions (mm)						
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f <sub>1</sub>
CMS5	25	50	76	18	8	f <sub>1</sub> ±

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element	
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.
Links Left a = 8 mm t = 18 mm	RAG-CMS5-B8T18H5-LG	799.78.001.40	RAG-ST-B8T18H5-LG	70.91.22.587.0	RAG-SP-B8T18-L	70.91.11.929.0
	RAG-CMS5-B8T18H5-LR100	799.78.001.41	RAG-ST-B8T18H5-LR100	70.91.22.588.0	RAG-SP-B8T18-L	70.91.11.929.0
	RAG-CMS5-B8T18H5-LL100	799.78.001.42	RAG-ST-B8T18H5-LL100	70.91.22.588.0	RAG-SP-B8T18-L	70.91.11.929.0
Rechts Right a = 8 mm t = 18 mm	RAG-CMS5-B8T18H5-RG	799.77.001.40	RAG-ST-B8T18H5-RG	70.91.22.539.0	RAG-SP-B8T18-R	70.91.11.913.0
	RAG-CMS5-B8T18H5-RL100	799.77.001.41	RAG-ST-B8T18H5-RL100	70.91.22.540.0	RAG-SP-B8T18-R	70.91.11.913.0
	RAG-CMS5-B8T18H5-RR100	799.77.001.42	RAG-ST-B8T18H5-RR100	70.91.22.541.0	RAG-SP-B8T18-R	70.91.11.913.0

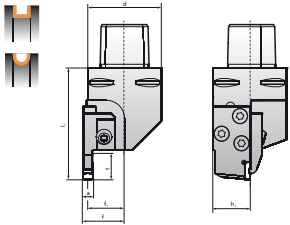
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

STECHBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 24 MM

AUSFÜHRUNG VERSION  
CMS5



Abmessungen Dimensions (mm)							
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f	f <sub>1</sub>
CMS5	25	50	82	24	8	f <sub>1</sub> ±	25

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 8 mm t = 24 mm		RAG-CMS5-B8T24H5-LG	799.78.001.43	RAG-ST-B8T24H5-LG	70.91.22.590.0	RAG-SP-B8T24-L	70.91.11.930.0
		RAG-CMS5-B8T24H5-LR100	799.78.001.44	RAG-ST-B8T24H5-LR100	70.91.22.591.0	RAG-SP-B8T24-L	70.91.11.930.0
		RAG-CMS5-B8T24H5-LL100	799.78.001.45	RAG-ST-B8T24H5-LL100	70.91.22.592.0	RAG-SP-B8T24-L	70.91.11.930.0
Rechts Right a = 8 mm t = 24 mm		RAG-CMS5-B8T24H5-RG	799.77.001.43	RAG-ST-B8T24H5-RG	70.91.22.542.0	RAG-SP-B8T24-R	70.91.11.914.0
		RAG-CMS5-B8T24H5-RL100	799.77.001.44	RAG-ST-B8T24H5-RL100	70.91.22.543.0	RAG-SP-B8T24-R	70.91.11.914.0
		RAG-CMS5-B8T24H5-RR100	799.77.001.45	RAG-ST-B8T24H5-RR100	70.91.22.544.0	RAG-SP-B8T24-R	70.91.11.914.0

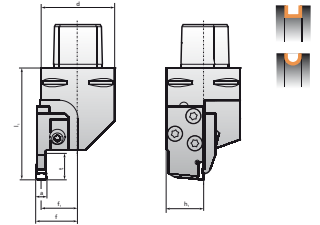
SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

RAG Stechsystem  
RAG Grooving System

AUSFÜHRUNG VERSION  
CMS5

STECHBREITE GROOVING WIDTH 8 MM  
STECHTIEFE GROOVING DEPTH 30 MM



Abmessungen Dimensions (mm)							
	h <sub>1</sub>	d	l <sub>1</sub>	t	a	f	f <sub>1</sub>
CMS5	25	50	88	30	8	f <sub>1</sub> ±	25

Spanwinkel Rake angle $\gamma$	0°
Neigungswinkel Back rake angle $\lambda$	0°

Stechbreite a Stechtiefe t Grooving width a Grooving depth t	Typ Type	Best.-Nr. Ref. no.	Stechschwert Grooving blade		Spannelement Clamping element		
			Typ Type	Best.-Nr. Ref. no.	Typ Type	Best.-Nr. Ref. no.	
Links Left a = 8 mm t = 30 mm		RAG-CMS5-B8T30H5-LG	799.78.001.46	RAG-ST-B8T30H5-LG	70.91.22.593.0	RAG-SP-B8T30-L	70.91.11.931.0
		RAG-CMS5-B8T30H5-LR100	799.78.001.47	RAG-ST-B8T30H5-LR100	70.91.22.594.0	RAG-SP-B8T30-L	70.91.11.931.0
		RAG-CMS5-B8T30H5-LL100	799.78.001.48	RAG-ST-B8T30H5-LL100	70.91.22.595.0	RAG-SP-B8T30-L	70.91.11.931.0
Rechts Right a = 8 mm t = 30 mm		RAG-CMS5-B8T30H5-RG	799.77.001.46	RAG-ST-B8T30H5-RG	70.91.22.545.0	RAG-SP-B8T30-R	70.91.11.915.0
		RAG-CMS5-B8T30H5-RL100	799.77.001.47	RAG-ST-B8T30H5-RL100	70.91.22.546.0	RAG-SP-B8T30-R	70.91.11.915.0
		RAG-CMS5-B8T30H5-RR100	799.77.001.48	RAG-ST-B8T30H5-RR100	70.91.22.547.0	RAG-SP-B8T30-R	70.91.11.915.0

SW4  
33.60.09.11.004.0

Torx 25  
70.91.55.224.0

## По вопросам продаж и поддержки обращайтесь:

Алматы (727)345-47-04  
Ангарск (3955)60-70-56  
Архангельск (8182)63-90-72  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Благовещенск (4162)22-76-07  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
Владикавказ (8672)28-90-48  
Владимир (4922)49-43-18  
Волгоград (844)278-03-48  
Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
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Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Коломна (4966)23-41-49  
Кострома (4942)77-07-48  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
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Курган (3522)50-90-47  
Липецк (4742)52-20-81

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Мурманск (8152)59-64-93  
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Новокузнецк (3843)20-46-81  
Ноябрьск (3496)41-32-12  
Новосибирск (383)227-86-73  
Омск (3812)21-46-40  
Орел (4862)44-53-42  
Оренбург (3532)37-68-04  
Пенза (8412)22-31-16  
Петрозаводск (8142)55-98-37  
Псков (8112)59-10-37  
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15  
Рязань (4912)46-61-64  
Самара (846)206-03-16  
Санкт-Петербург (812)309-46-40  
Саратов (845)249-38-78  
Севастополь (8692)22-31-93  
Саранск (8342)22-96-24  
Симферополь (3652)67-13-56  
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