



C I T I Z E N M i y a n o B N A - A N X

MAS Werkzeugaufnahme
MAS toolholder

PZ[®]turn - Modulares Schnellwechselsystem
Modular Quick-Change System

Quadratschaftaufnahme
Square shank holder

GND - Stechsystem
Grooving system





Inhalt

MAS PZ [®] turn CITIZEN Aufnahme	<u>4</u>
MAS GND CITIZEN Kassettenhalter	<u>9</u>
PZ [®] turn	<u>14</u>
Zubehör PZ [®] turn	<u>20</u>
Zubehör GND	<u>23</u>





Content

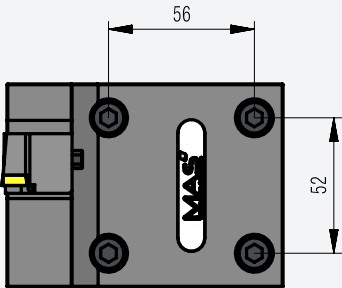
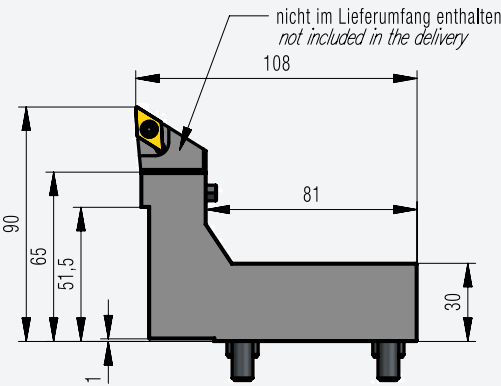
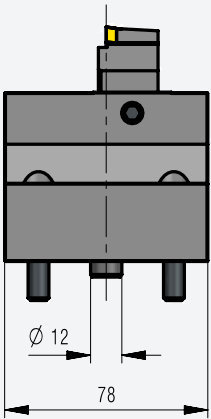
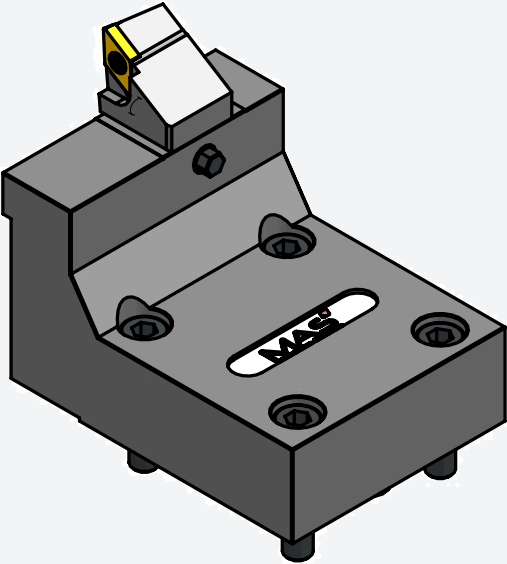
MAS PZ [®] turn CITIZEN holder	<u>4</u>
MAS GND CITIZEN cartridge holder	<u>9</u>
PZ [®] turn	<u>14</u>
Accessories for PZ [®] turn	<u>20</u>
Accessories GND	<u>23</u>



Miyano BNA - ANX

Miyano BNA - ANX

MAS PZ[®]turn CITIZEN Aufnahme
MAS PZ[®]turn CiTIZEN holder



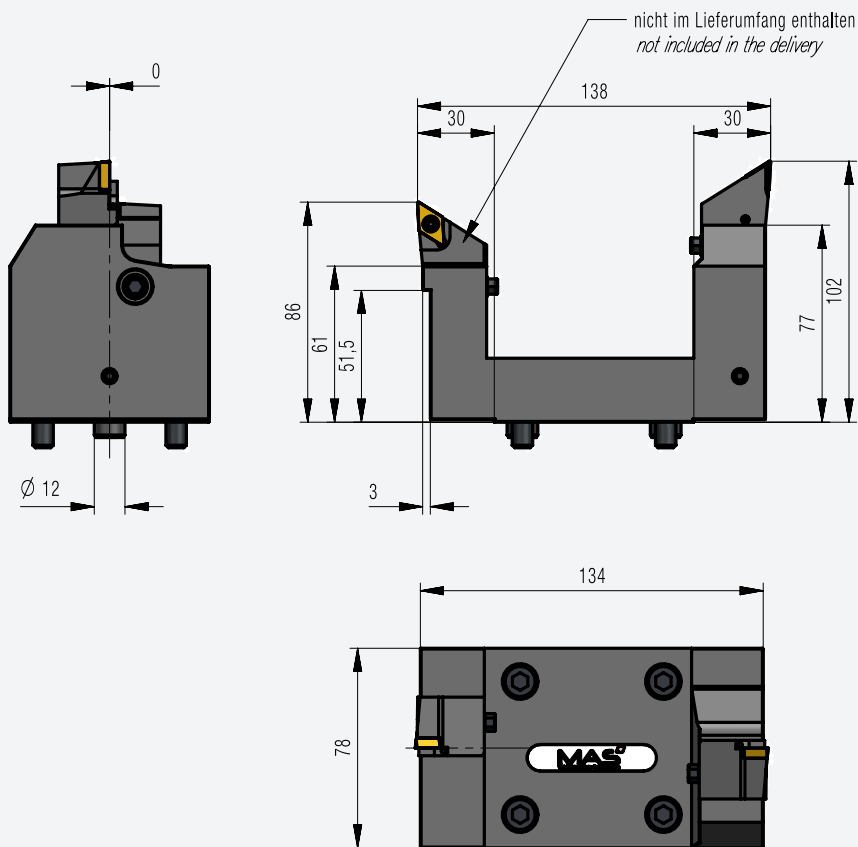
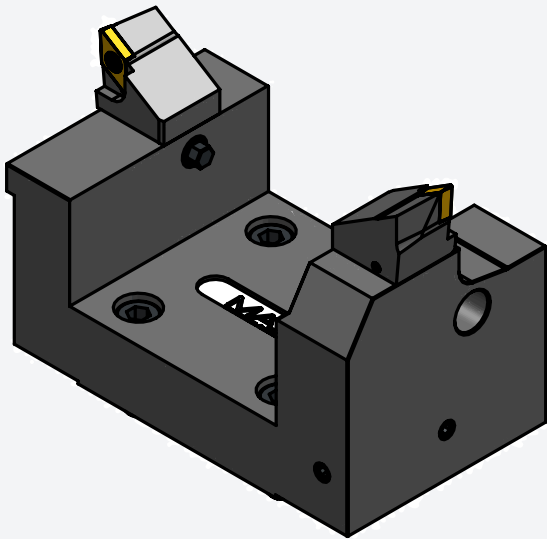
Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
PZ20-CI-BNA-ANX-1-Z1358	Z0001358	●

Miyano BNA - ANX

Miyano BNA - ANX

MAS PZ[®]turn CITIZEN Aufnahme

MAS PZ[®]turn CITIZEN holder



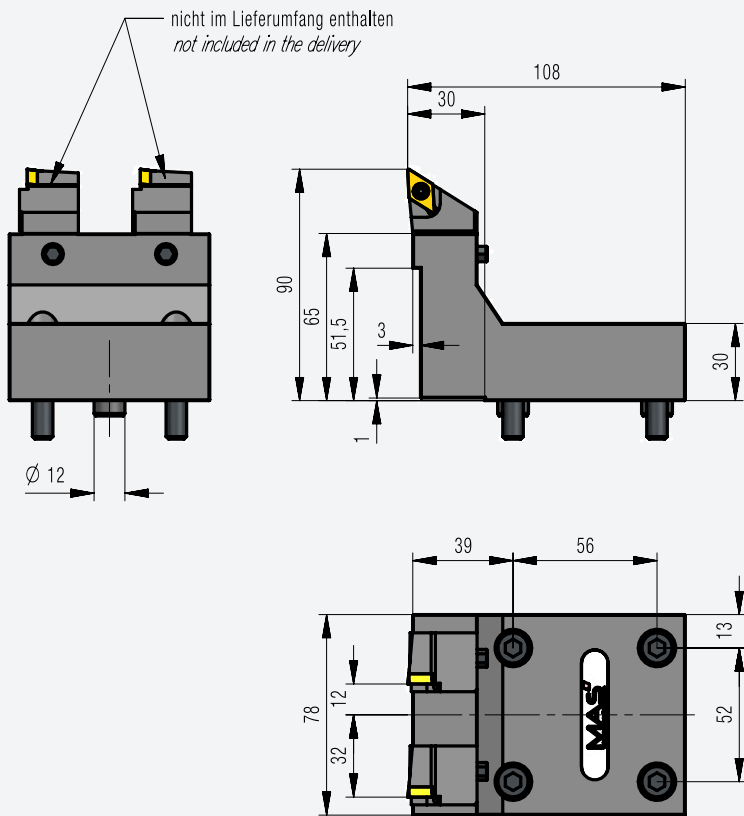
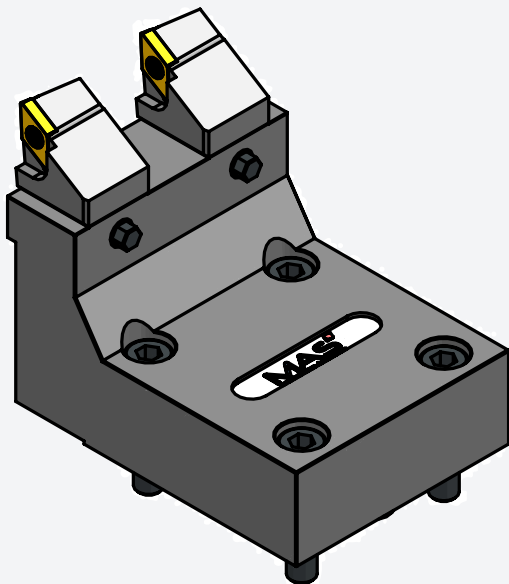
Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
PZ20-CI-BNA-ANX-1-Z1359	Z0001359	●

Miyano BNA - ANX

Miyano BNA - ANX

MAS PZ[®]turn CITIZEN Aufnahme

MAS PZ[®]turn CITIZEN holder



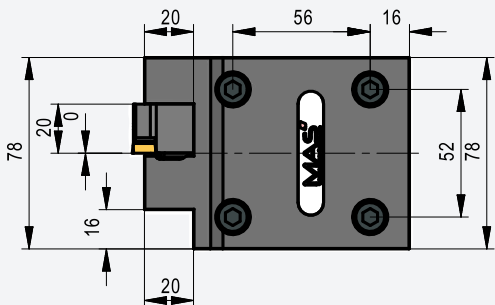
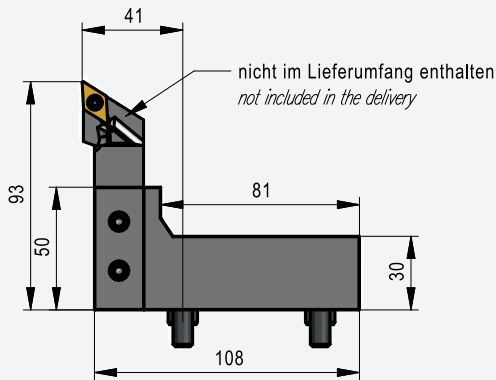
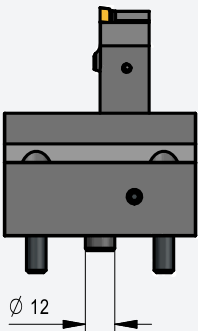
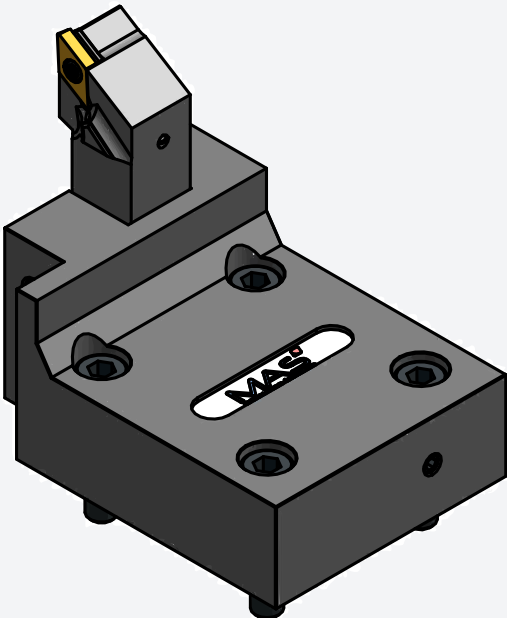
Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
PZ20-CI-BNA-ANX-1-Z1360	Z0001360	●

Miyano BNA - ANX

Miyano BNA - ANX

MAS CITIZEN Aufnahme

MAS CITIZEN tool holder



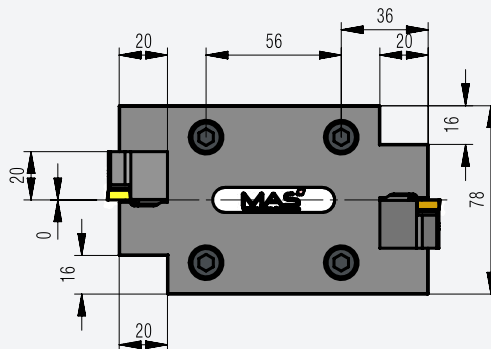
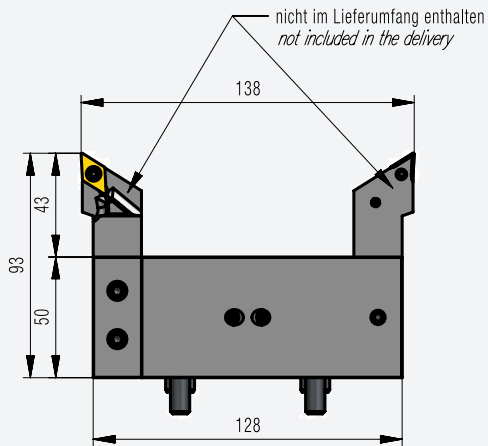
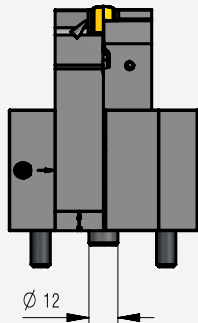
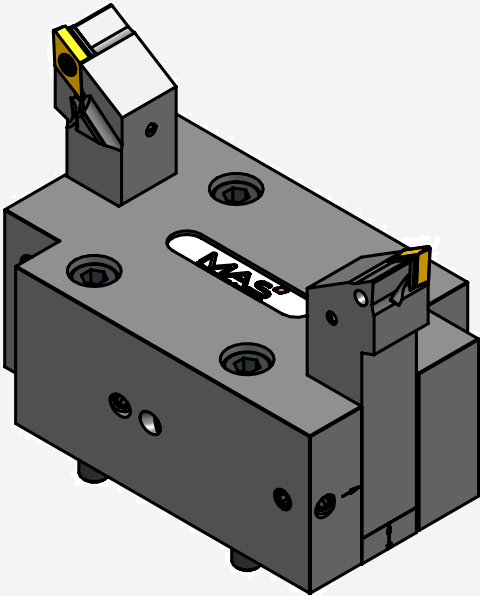
Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
GRH-2020-1-CI-BNA-Z1357	Z0001357	●

Miyano BNA - ANX

Miyano BNA - ANX

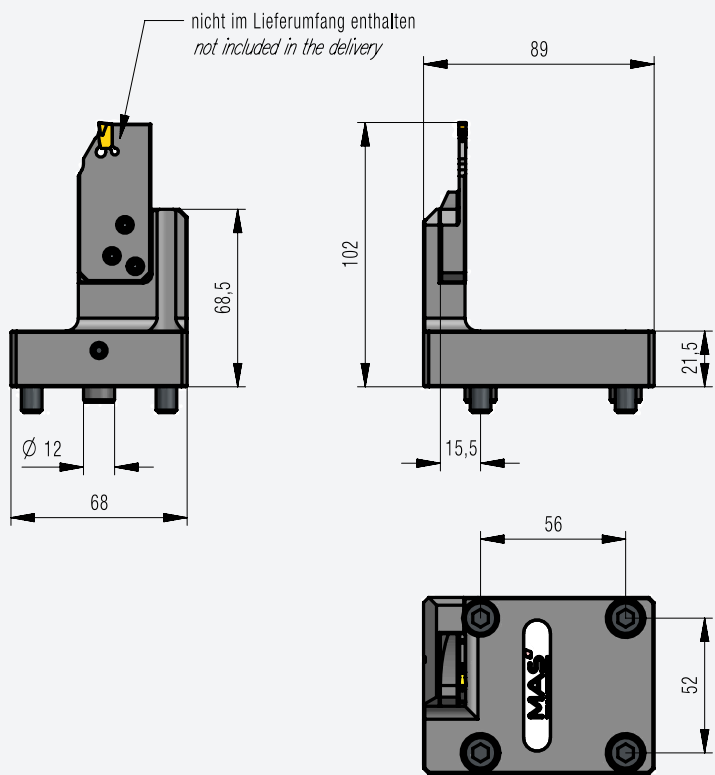
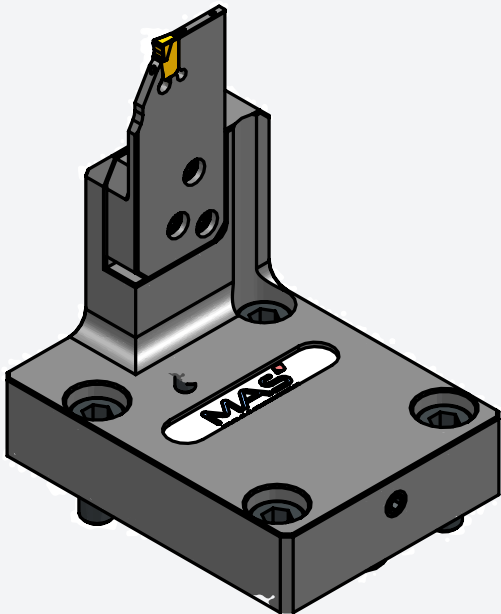
MAS CITIZEN Aufnahme

MAS CITIZEN tool holder



Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
GRH-2020-2-CI-BNA-ANX-Z1356	Z00001356	●

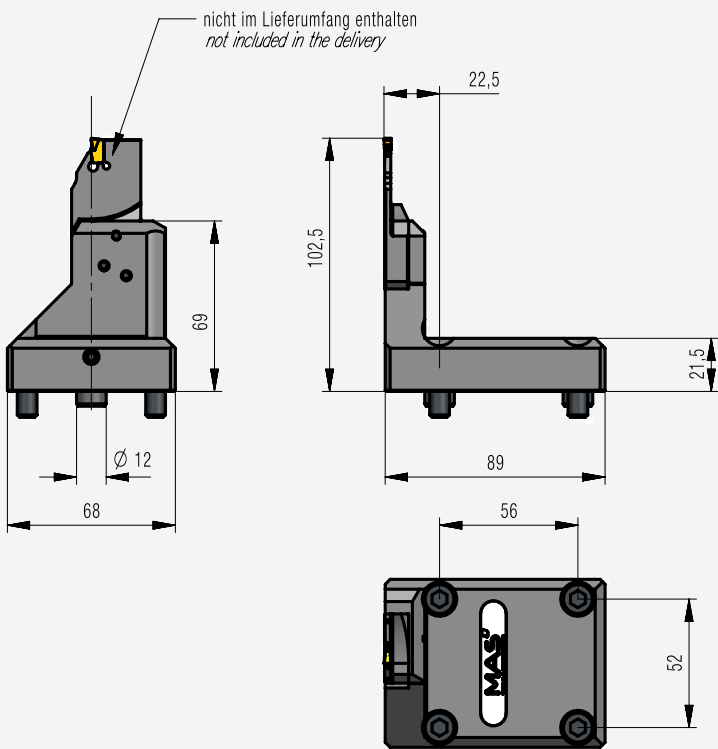
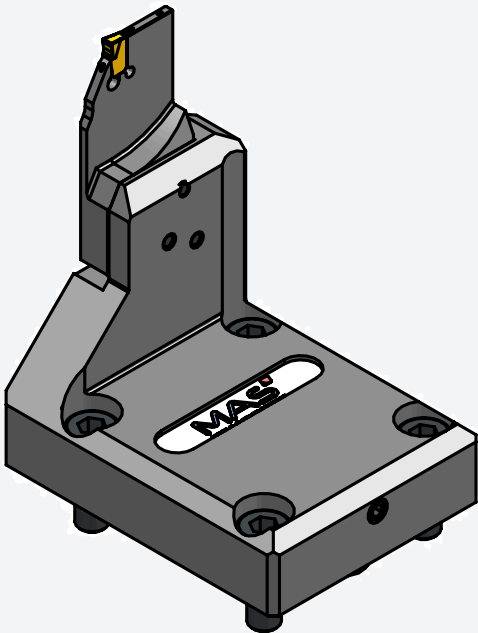
MAS GND CITIZEN Kassettenhalter
MAS GND CITIZEN cartridge holder



Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
GRH-L-CI-BNA-ANX-K20-Z959	Z00000959	●

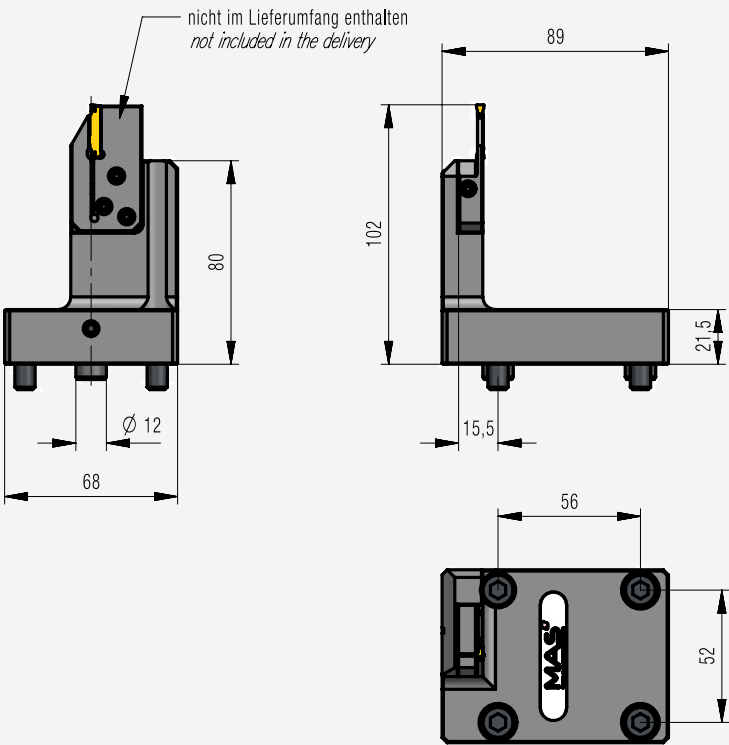
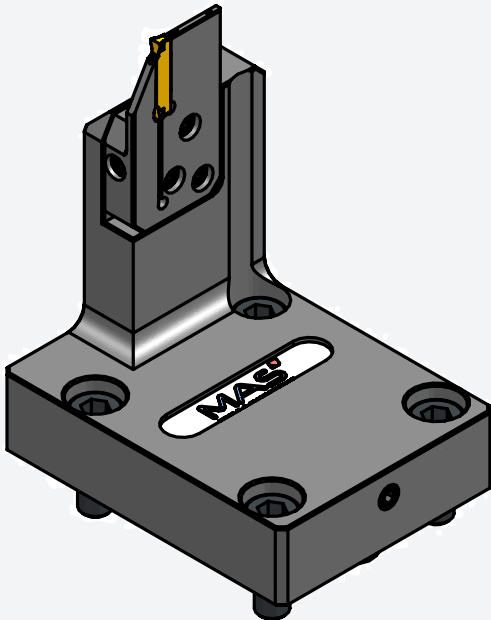
MAS GND CITIZEN Kassettenhalter

MAS GND CITIZEN cartridge holder



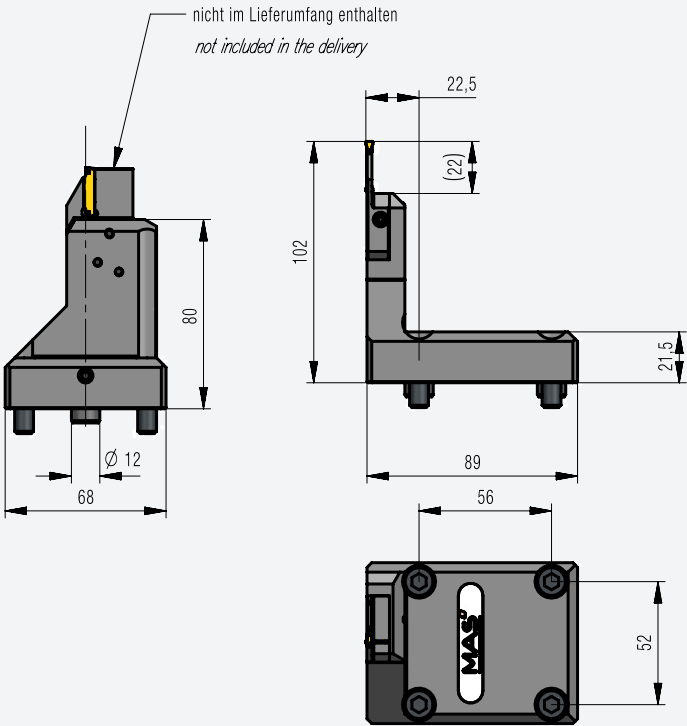
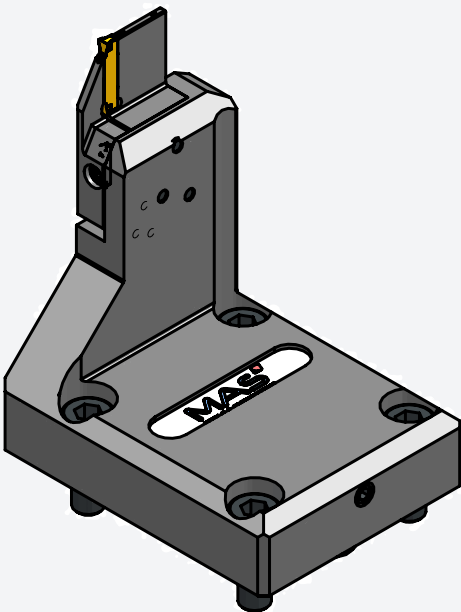
Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
GRH-L-CI-BNA-ANX-K20-Z1390	Z00001390	●

MAS GND CITIZEN Kassettenhalter
MAS GND CITIZEN cartridge holder



Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
GRH-L-CI-BNA-ANX-K20-Z1304	Z000001304	●

MAS GND CITIZEN Kassettenhalter
MAS GND CITIZEN cartridge holder



Bestellnummer Order Number	MAS ID MAS ID	Lager Stock
GRH-L-CI-BNA-ANX-K20-Z1807	Z00001807	●



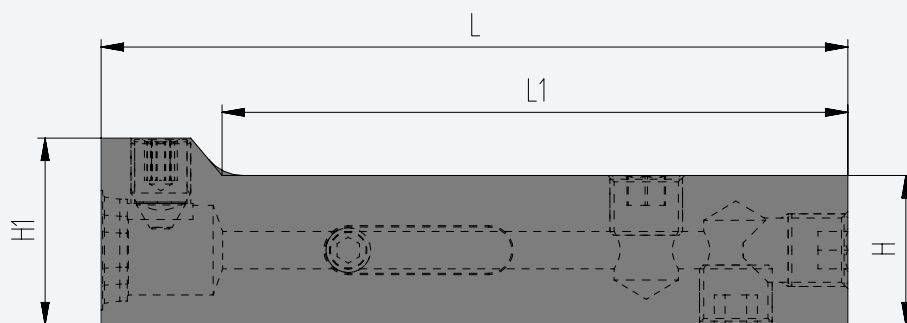
P Z[©] t u r n

Modulares
Schnellwechselsystem



Modulare quick-change system

Quadratschaft 20 mm



Schaft	Bestellnummer	L	L1	H	H1	IK Anschlußgewinde
20	PZ2020R-100	100	83,8	20	25	G1/8"

- Ausführung in vergütetem Stahl
- Auf Anfrage Sonderabmaße
- Lieferung mit Torx-Schraube
- Als Ersatzteil kann zusätzlich eine Aussensechskant-Schraube geliefert werden
- Übergabe Innenkühlung auch über Langloch Unterseite Schaft

ERSATZTEILE SPANNSCHRAUBEN

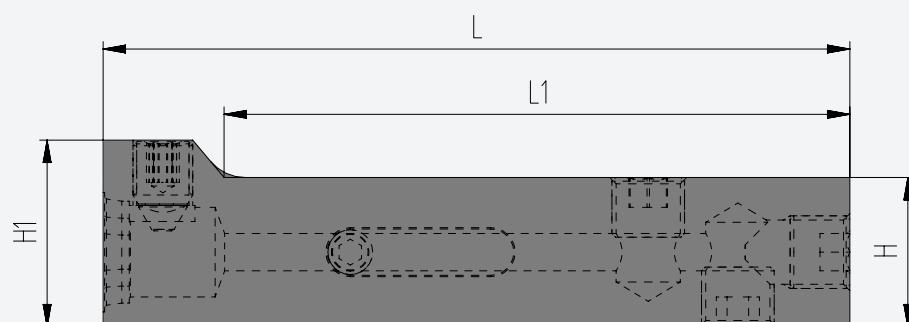
für Schaft	TORX			AUSSENSECHSKANT (alternativ)		
	Bestellnummer	Einsatz	Anzug	Bestellnummer	Schlüsselweite	Anzug
20	M8X1X11.5X60-E3685	TX25	8Nm/71lb-in	M8X1X11.5X60-E23172	SW6,0	8Nm/71lb-in

ERSATZTEILE BLINDSTOPFEN

ERSATZTEILE BLINDSTOPFEN IK ÜBERGABE UNTEN

für Schaft	Bestellnummer	Schlüsselweite	Bestellnummer	Schlüsselweite
20	HYD-S28	SW5	HYD-S28	SW5

Square shank 20 mm



Square shank	Order number	L	L1	H	H1	Internal cooling connection thread
20	PZ2020R-100	100	83,8	20	25	G1/8"

- Special tempered steel
- Special lengths available on request
- Supplied with Torx screw
- A hexagon head screw can also be supplied as a spare part
- Additional inner coolant supply through groove at the shank bottom

SPARE PARTS CLAMPING SCREWS

for shanks	TORX			HEXAGON HEAD SCREW (alternative)		
	Order number	Insert	Tightening	Order number	AF(mm)	Tightening
20	M8X1X11.5X60-E3685	TX25	8Nm/71lb-in	M8X1X11.5X60-E23172	SW6,0	8Nm/71lb-in

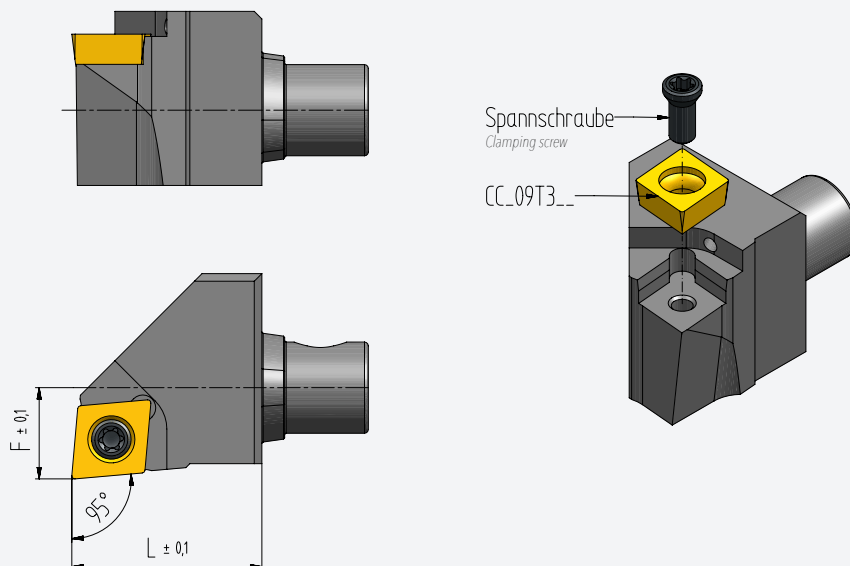
SPARE PARTS BLIND PLUGS FOR COOLANT CONNECTION

SPARE PARTS BLIND PLUGS FOR IC-CONNECTION, TRANSFER BELOW

for shanks	Order number	AF(mm)	Order number	AF(mm)
20	HYD-S28	SW5	HYD-S28	SW5

MAS Schneidköpfe

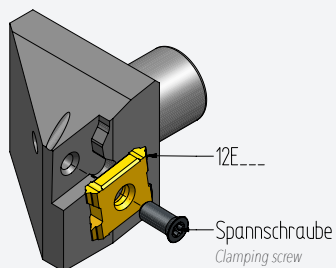
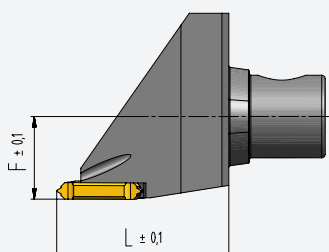
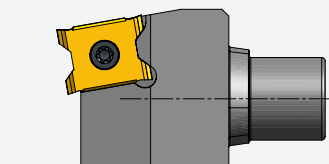
MAS Cutting heads



Ausführung Series	Bestellnummer Order Number	F	L	Anstell- winkel Setting Angle	WP Insert	Spannschraube Clamping screw	Zubehör Zwischen- lage Accessories Intermediate Layer	Zubehör Kniehebel Accessories Knee Lever	Zubehör Rohrstift Accessories Shim	Info PZ [®] turn Katalog Info PZ [®] turn Catalog	Lager Stock
20	PZ20-K-SCLCR-1225-09	12	25	95°	CC...09T3	BFTX03588	-	-	-	13	●
20	PZ20-K-SCLCL-1725-09	17	25	95°	CC...09T3	BFTX03588	-	-	-	13	○
20	PZ20-K-SDJCR-1225-11	12	25	93°	DC...11T3	BFTX03588N	-	-	-	18	●
20	PZ20-K-SDJCL-1725-11	17	25	93°	DC...11T3	BFTX03588N	-	-	-	18	●
20	PZ20-K-SVJCR-1225-11	12	25	93°	VC...1103	BFTX02508NV	-	-	-	23	●
20	PZ20-K-SVJCL-1725-11	17	25	93°	VC...1103	BFTX02508NV	-	-	-	23	●
20	PZ20-K-SVJCR-1234-16	12	34	93°	VC...1604	BFTX03588	-	-	-	24	●
20	PZ20-K-SVJCL-1734-16	17	34	93°	VC...1604	BFTX03588	-	-	-	24	●
20	PZ20-K-SVJBR-1225-11	12	25	93°	VB...1103	BFTX02508NV	-	-	-	25	●
20	PZ20-K-SVJBL-1725-11	17	25	93°	VB...1103	BFTX02508NV	-	-	-	25	○
20	PZ20-K-SVJBR-1234-16	12	34	93°	VB...1604	BFTX03588	-	-	-	26	●
20	PZ20-K-SVJBL-1734-16	17	34	93°	VB...1604	BFTX03588	-	-	-	26	●
20	PZ20-K-PCLNR-1225-09	12	25	95°	CN...0903	1606 3,5Nm	3608	8009	4109	44	○
20	PZ20-K-PCLNL-1725-09	17	25	95°	CN...0903	1606 3,5Nm	3608	8009	4109	44	○
20	PZ20-K-PCLNR-1228-12	12	28	95°	CN...1204	1608 5,0Nm	3612	8012	4112	45	●
20	PZ20-K-PCLNL-1728-12	17	28	95°	CN...1204	1608 5,0Nm	3612	8012	4112	45	○
20	PZ20-K-PDJNR-1226-11	12	26	93°	DN...1104	1606 3,5Nm	3710	8411	4108	46	●
20	PZ20-K-PDJNL-1725-11	17	25	93°	DN...1104	1606 3,5Nm	3710	8411	4108	46	○
20	PZ20-K-PDJNR-1236-15	12	36	93°	DN...1506	1638 5Nm	3715	1638	4112	47	●
20	PZ20-K-PDJNL-1736-15	17	36	93°	DN...1506	1638 5Nm	3715	1638	4112	47	○
20	PZ20-K-PWLN-1225-08	12	25	95°	WN...0804	1608 5Nm	3308M	8012	4112	48	○
20	PZ20-K-PWLN-1725-08	17	25	95°	WN...0804	1608 5Nm	3308M	8012	4112	48	○
20	PZ20-K-PTJNR-1225-16	12	25	93°	TN...1604	1606	3416	8009	4109	50	○
20	PZ20-K-PTJNL-1725-16	17	25	93°	TN...1604	1606	3416	8009	4109	50	○

MAS STS... Gewindeschneiden

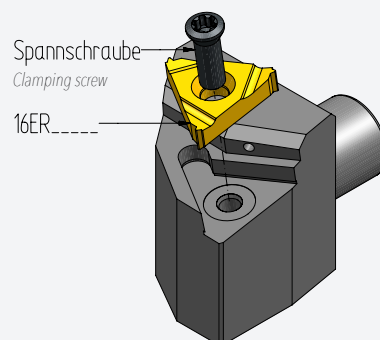
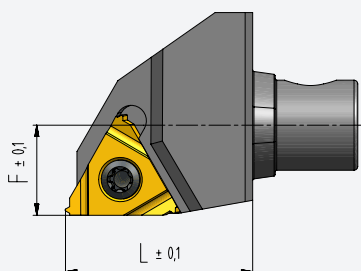
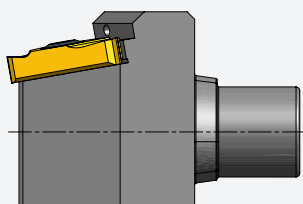
MAS STS...thread cutting



Ausführung Series	F	L	WP Indexable insert	Bestellnummer Order number	Spannschraube Clamping screw	Ausrichtung Mounting position	Steigungswinkel Helix angle	Lager Stock
20 (3/4")	12	25	12E...	PZ20-K-STs-1225-12	STS T9xm3 2,0Nm/18lb-in	rechts right	1,5°	O

MAS ER...16 Gewindeschneiden

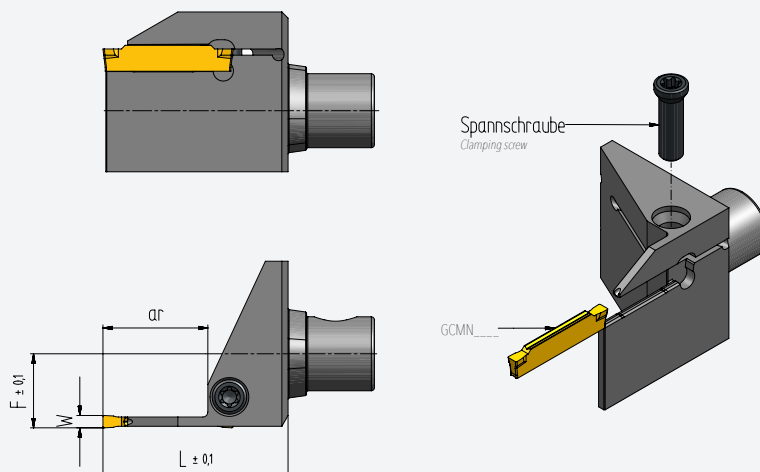
MAS ER...16 thread cutting



Ausführung Series	F	L	WP Indexable insert	Bestellnummer Order number	Spannschraube Clamping screw	Lager Stock
20 (3/4")	12	25	3ER...ISO (16)	PZ20-K-ER-1225-16-1.5	123511P 3,5Nm/31lb-in	O

MAS GND System - GNDR

MAS GND System - GNDR

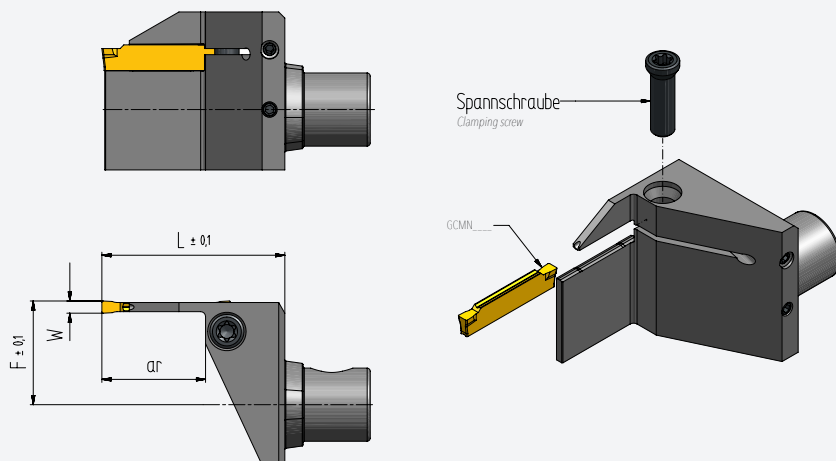


Ausführung Series	F	L	WP Indexable insert	Bestellnummer Order number	Spannschraube Clamping screw	Ausrichtung Mounting position	Steigungswinkel Helix angle	Lager Stock
20 (3/4")	12	25	GCMN2002	PZ20-K-GNDR-1225-H212	BFTX0414 4Nm/35lb-in	2	12	●
20 (3/4")	12	30	GCMN2002	PZ20-K-GNDR-1230-H217	BFTX0414 4Nm/35lb-in	2	17	●
20 (3/4")	12	25	GCMN3002	PZ20-K-GNDR-1225-H312	BFTX0414 4Nm/35lb-in	3	12	●
20 (3/4")	12	30	GCMN3002	PZ20-K-GNDR-1230-H317	BFTX0414 4Nm/35lb-in	3	17	●
20 (3/4")	12	30	GCMN4002	PZ20-K-GNDR-1230-H412	BFTX0414 4Nm/35lb-in	4	12	●
20 (3/4")	12	30	GCMN4002	PZ20-K-GNDR-1230-H417	BFTX0414 4Nm/35lb-in	4	17	○

● weitere Abmessungen auf Anfrage other dimensions on request

MAS GND System - GNDL

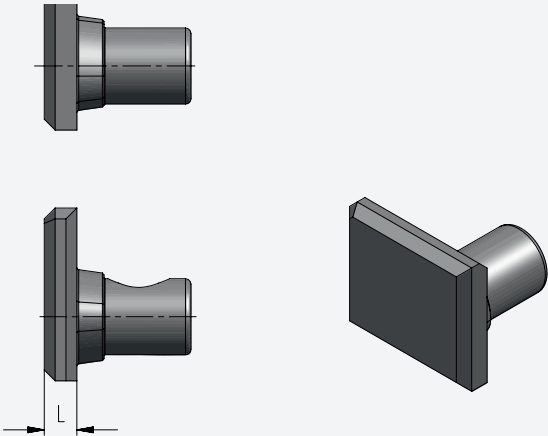
MAS GND System - GNDL



Ausführung Series	F	L	WP Indexable insert	Bestellnummer Order number	Spannschraube Clamping screw	Ausrichtung Mounting position	Steigungswinkel Helix angle	Lager Stock
20 (3/4")	17	25	GCMN2002	PZ20-K-GNDL-1725-H212	BFTX0414 4Nm/35lb-in	2	12	○
20 (3/4")	17	30	GCMN2002	PZ20-K-GNDL-1730-H217	BFTX0414 4Nm/35lb-in	2	17	○
20 (3/4")	17	25	GCMN3002	PZ20-K-GNDL-1725-H312	BFTX0414 4Nm/35lb-in	3	12	○
20 (3/4")	17	30	GCMN3002	PZ20-K-GNDL-1730-H317	BFTX0414 4Nm/35lb-in	3	17	○
20 (3/4")	17	30	GCMN4002	PZ20-K-GNDL-1730-H412	BFTX0414 4Nm/35lb-in	4	12	○
20 (3/4")	17	30	GCMN4002	PZ20-K-GNDL-1730-H417	BFTX0414 4Nm/35lb-in	4	17	○

- weitere Abmessungen auf Anfrage other dimensions on request

Blindstopfen für Schäfte
Blind plugs for shanks



Ausführung Series	L	Bestellnummer Order Number	Lager Stock
20 (3/4")	5	PZ20-BS-5-E25238	●

Zubehör für PZ®turn

Accessories for PZ®turn

T-Griff für PZ20

T-Wrench for PZ20



Ausführung Series	Bestellnummer Order Number	für Spannschraube for clamping screw	Lager Stock
TX25	PZ20-DREHMOMENT-SET-T	Torx	●

Ratsche für PZ20

Wrench for PZ20



Ausführung Series	Bestellnummer Order Number	für Spannschraube for clamping screw	Lager Stock
TX25	PZ20-DREHMOMENT-SET-R	Torx	●

Schmierstoff Lubricant	
	
Bestellnummer Order Number	Lager Stock
PZ-SCHMIERSTOFF-E22335	●

Kassetten

Cartridges

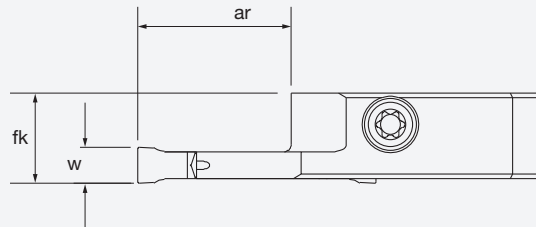
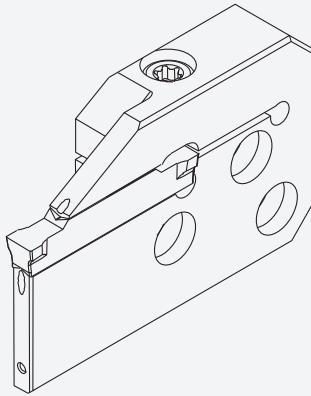


Abbildung zeigt rechte Ausführung
Illustration shows right version

Bestellnummer Order Number	fk	w	ar	Schneidplatte Cutting insert	Lager Stock	
					R	L
GND R/L K20-H12507	10	1,25	7	GCM □1250□□	●	●
GND R/L K20-H12512	10	1,25	12	GCM □1250□□	●	●
GND R/L K20-H1507	10	1,5	7	GCM □1500□□	●	●
GND R/L K20-H1512	10	1,5	12	GCM □1500□□	●	●
GND R/L K20-H212	10	2	12	GCM □2000□□	●	●
GND R/L K20-H217	10	2	17	GCM □2000□□	●	●
GND R/L K20-H222	10	2	22	GCM □2000□□	●	●
GND R/L K20-H312	10	3	12	GCM □3000□□	●	●
GND R/L K20-H317	10	3	17	GCM □3000□□	●	●
GND R/L K20-H322	10	3	22	GCM □3000□□	●	●
GND R/L K20-H412	10	4	12	GCM □4000□□	●	●
GND R/L K20-H417	10	4	17	GCM □4000□□	●	●
GND R/L K20-H422	10	4	22	GCM □4000□□	●	●
GND R/L K20-H512	11	5	12	GCM □5000□□	●	●
GND R/L K20-H517	11	5	17	GCM □5000□□	●	●
GND R/L K20-H522	11	5	22	GCM □5000□□	●	●
GND R/L K20-H612	12	6	12	GCM □6000□□	●	●
GND R/L K20-H617	12	6	17	GCM □6000□□	●	●
GND R/L K20-H622	12	6	22	GCM □6000□□	●	●
GND R/L K20-H717	13	7	17	GCM □7000□□	●	●
GND R/L K20-H722	13	7	22	GCM □7000□□	●	●
GND R/L K20-H817	14	8	17	GCM □8000□□	●	●
GND R/L K20-H822	14	8	22	GCM □8000□□	●	●

- IK von oben und unten ab w=2
- Internal cooling from top and bottom w=2
- Klemmschraube BFTX0414
- Clamping screw BFTX0414
- Anzugsmoment (Nm) 3,4
- Tightening torque (Nm) 3,4
- Schlüssel Tx15
- Wrench Tx15

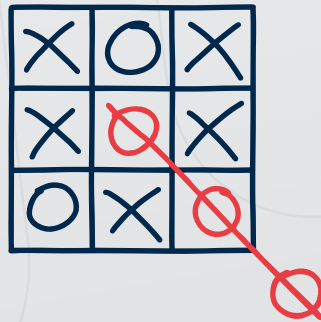


PSI[®]turn

Prozesssichere Innenkühlung

Reliable internal cooling





THINK OUTSIDE THE BOX



MAS GmbH
Schmigalla Straße 1
71229 Leonberg

Tel +49 7152-6065-0
Fax +49 7152-6065-65

zentrale@mas-tools.de
www.mas-tools.de

