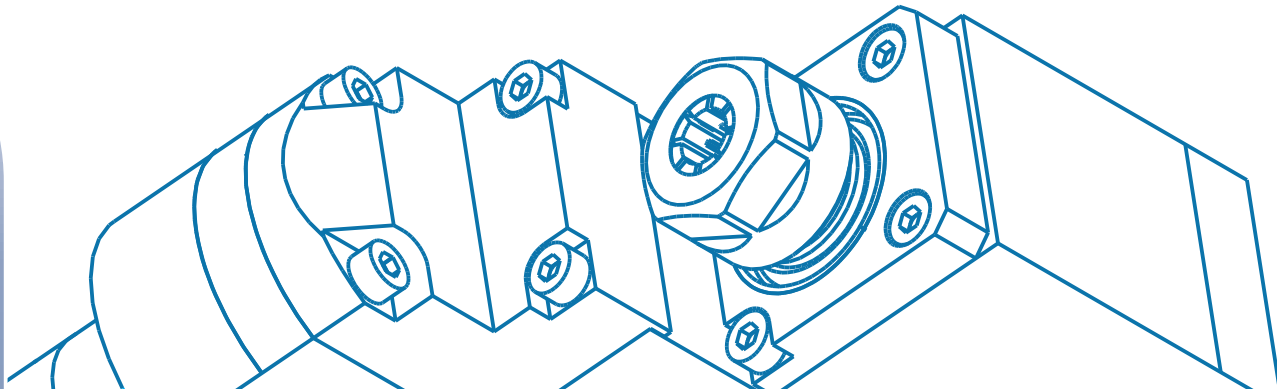




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SWISS



PRECISION TOOLING

PORTE-OUTILS WERKZEUGHALTER TOOL HOLDERS PORTAUTENSILI

CITIZEN M20-M32

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E-Mail: office@pcm.ch





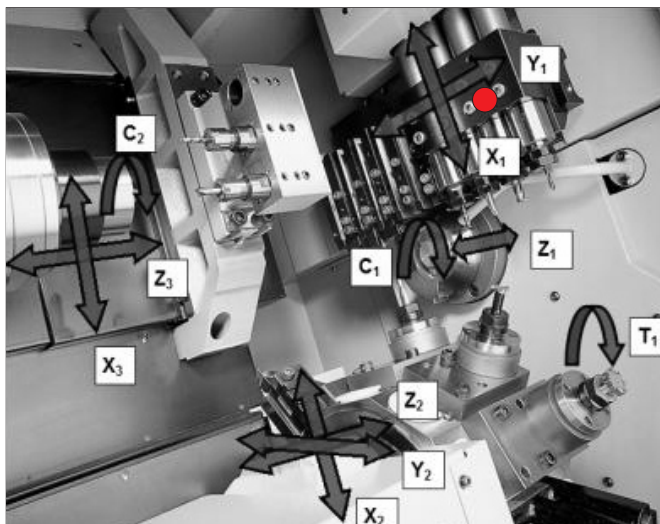
PCM[®]

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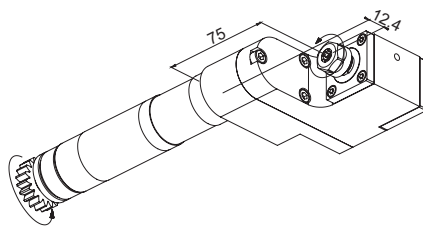


PRECISION TOOLING

CITIZEN M20-M32



GSE-306-SE312 Radial / Radial / Radial / Radiale

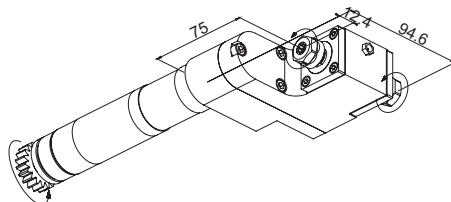


Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:3

RPM 15'000 max

GSE-306-DE312 Radial / Radial / Radial / Radiale



Pince / Spannzange / Collet / Pinza 2x ER11

Rapport / Übersetzung
Ratio / Rapporto 1:3

RPM 15'000 max

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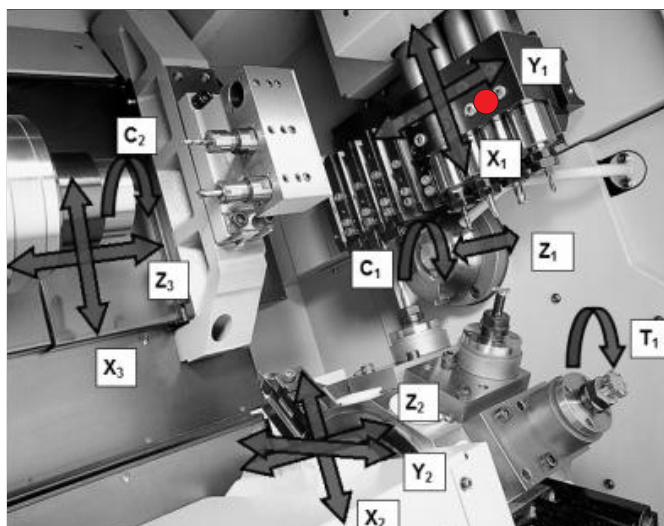
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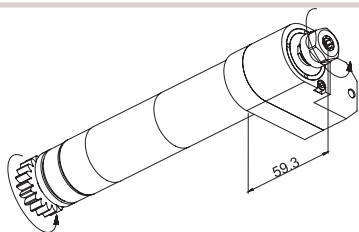
PRECISION TOOLING

CITIZEN M20-M32



GSC-510-3X

Axial / Axial / Axial / Assiale



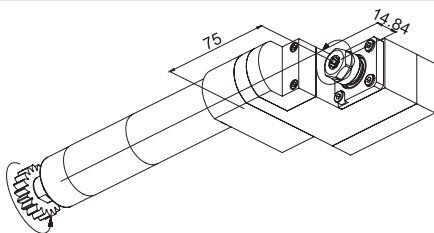
Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:3

RPM 15'000 max

GSE-306-L-520

Radial / Radial / Radial / Radiale



Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:1

RPM 5'000 max

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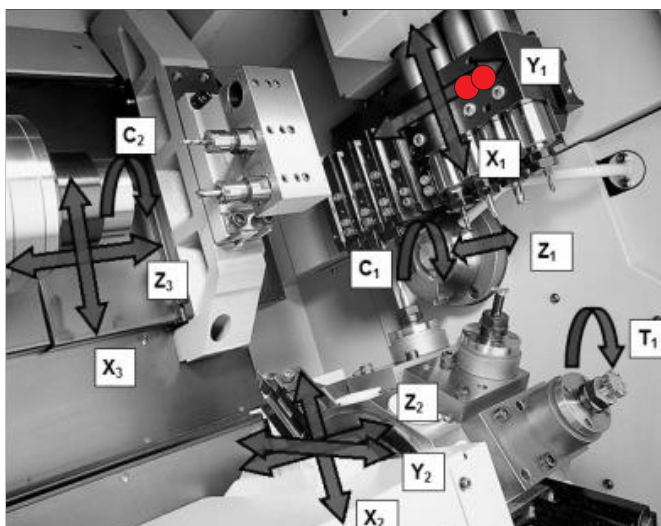
PCM[®]

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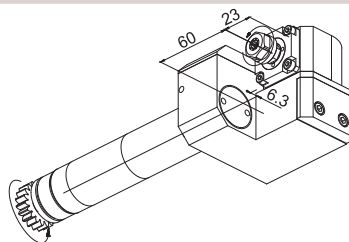
PRECISION TOOLING

CITIZEN M20-M32



GSA107

Inclinable / Schwenkbar / Adjustable / Inclinaire



0°-180°

Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:1

RPM 5'000 max

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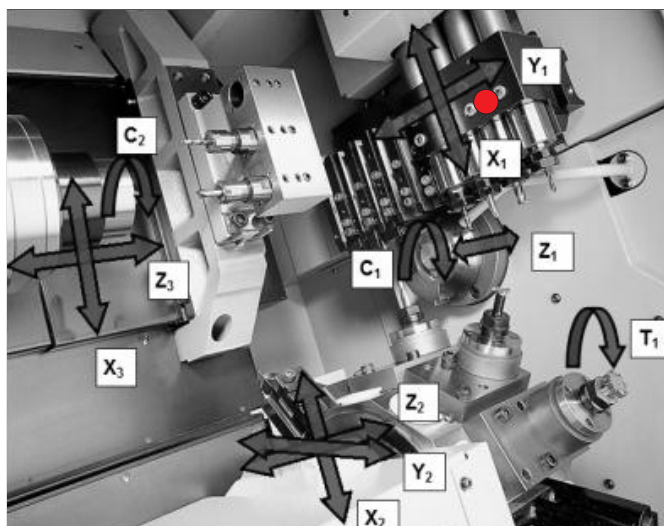
PCM[®]

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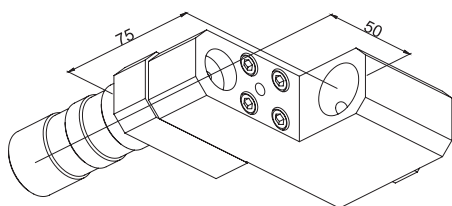
PRECISION TOOLING

CITIZEN M20-M32



GDF903

Porte-burin / Stahlhalter / Toolholder / Portautensile



Alésage / Bohrung / Boring / Alesaggio Ø 25.4

Hauteur / Höhe
Height / Altezza

75

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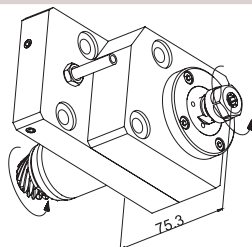


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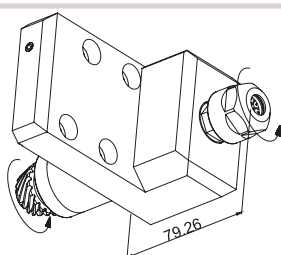
PRECISION TOOLING

KSC110-10000K Axial / Axial / Axial / Assiale

Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:2

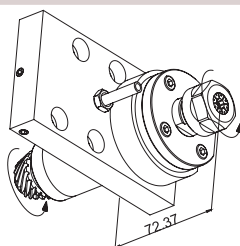
RPM 10'000 max

KSC110-IK Axial / Axial / Axial / Assiale

Pince / Spannzange / Collet / Pinza ER16

Rapport / Übersetzung
Ratio / Rapporto 1:1

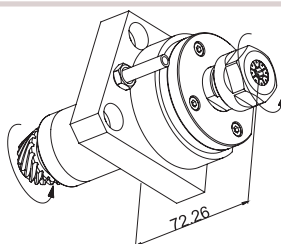
RPM 5'000 max

KSC110-K Axial / Axial / Axial / Assiale

Pince / Spannzange / Collet / Pinza ER16

Rapport / Übersetzung
Ratio / Rapporto 1:1

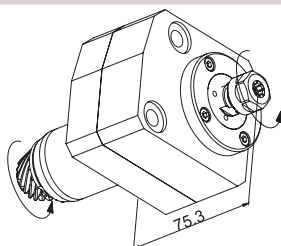
RPM 5'000 max

KSC110-K-ER Axial / Axial / Axial / Assiale

Pince / Spannzange / Collet / Pinza ER16

Rapport / Übersetzung
Ratio / Rapporto 1:1

RPM 5'000 max

KSC100-100ER Axial / Axial / Axial / Assiale

Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:2

RPM 10'000 max

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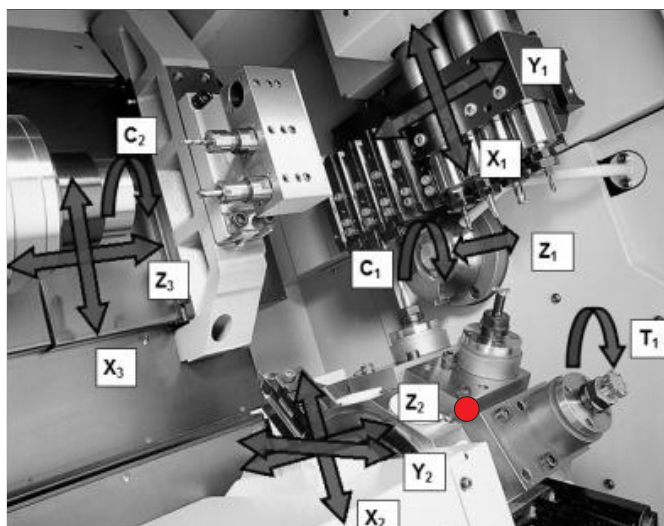
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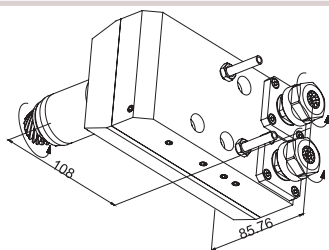
PRECISION TOOLING

CITIZEN M20-M32



KSC510-10

Axial / Axial / Axial / Assiale



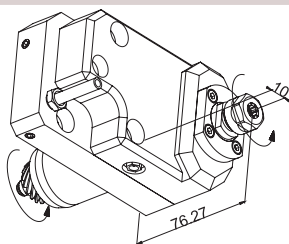
Pince / Spannzange / Collet / Pinza 2x ER16

Rapport / Übersetzung
Ratio / Rapporto 1:1,462 (13/19)

RPM 5'000 max

KSC-DEC-10X3

Axial / Axial / Axial / Assiale



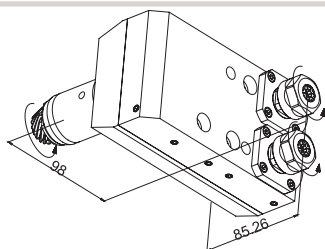
Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:3

RPM 15'000 max

KSC510

Axial / Axial / Axial / Assiale



Pince / Spannzange / Collet / Pinza 2x ER16

Rapport / Übersetzung
Ratio / Rapporto 1:1,462 (13/19)

RPM 5'000 max

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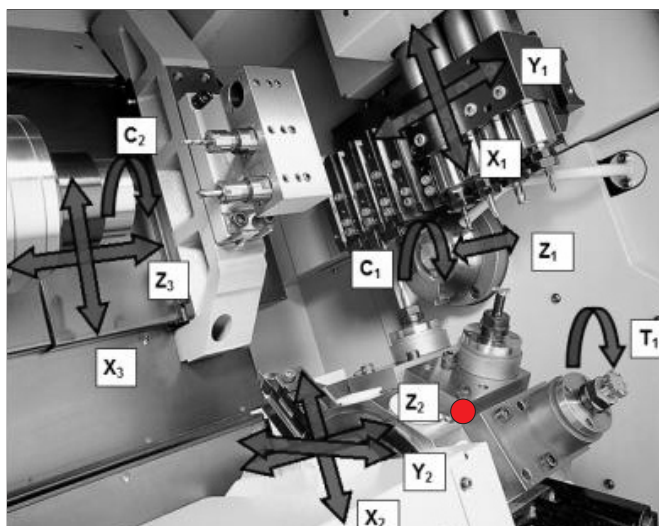
PCM[®]

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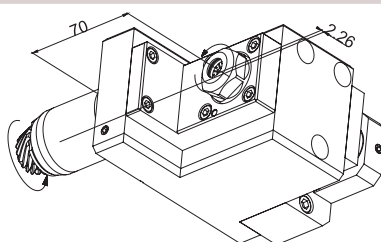
PRECISION TOOLING

CITIZEN M20-M32



KSE110-KAI

Radial / Radial / Radial / Radiale



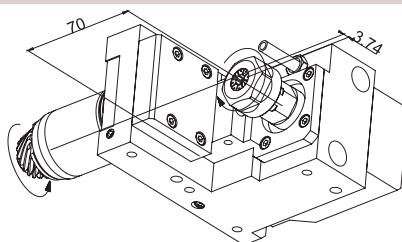
Pince / Spannzange / Collet / Pinza ER16

Rapport / Übersetzung
Ratio / Rapporto 1:1

RPM 5'000 max

KSE110-2X

Radial / Radial / Radial / Radiale



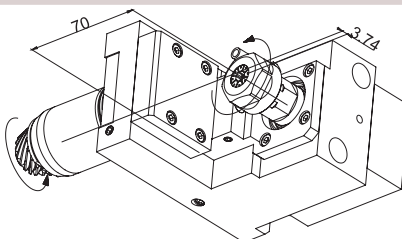
Pince / Spannzange / Collet / Pinza ER16

Rapport / Übersetzung
Ratio / Rapporto 1:2

RPM 10'000 max

KSE110-K

Radial / Radial / Radial / Radiale



Pince / Spannzange / Collet / Pinza ER16

Rapport / Übersetzung
Ratio / Rapporto 1:1

RPM 5'000 max

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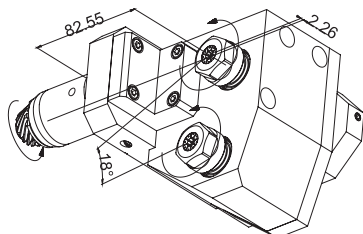
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PRECISION TOOLING

CITIZEN M20-M32

KSE250-KAI-2X Radial / Radial / Radial / Radiale



Pince / Spannzange / Collet / Pinza 2x ER16

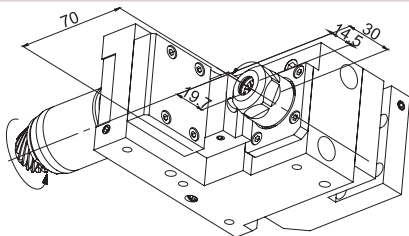
Rapport / Übersetzung
Ratio / Rapporto

1:2

RPM

10'000 max

KSE310-KAI Radial / Radial / Radial / Radiale



Pince / Spannzange / Collet / Pinza ER16

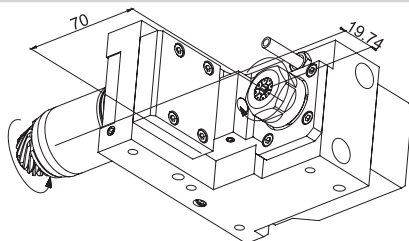
Rapport / Übersetzung
Ratio / Rapporto

1:1

RPM

5'000 max

KSE310-2X Radial / Radial / Radial / Radiale



Pince / Spannzange / Collet / Pinza ER16

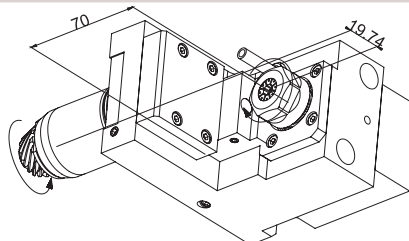
Rapport / Übersetzung
Ratio / Rapporto

1:2

RPM

10'000 max

KSE310-K Radial / Radial / Radial / Radiale



Pince / Spannzange / Collet / Pinza ER16

Rapport / Übersetzung
Ratio / Rapporto

1:1

RPM

5'000 max

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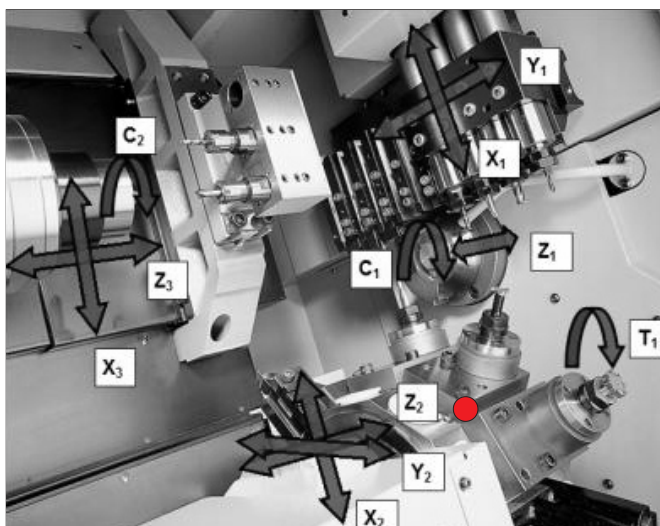
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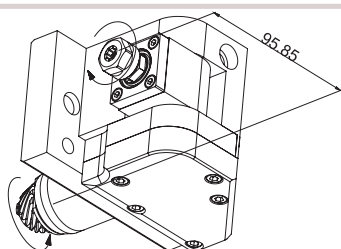
PRECISION TOOLING

CITIZEN M20-M32



KSA-307

Inclinable / Schwenkbar / Adjustable / Inclinabile



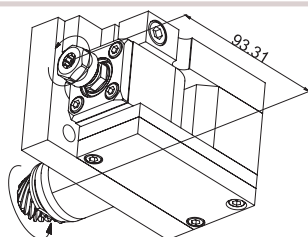
Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:1

RPM 5'000 max

KSA-107-S

Inclinable / Schwenkbar / Adjustable / Inclinabile



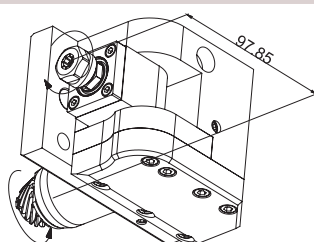
Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:1

RPM 5'000 max

KSA-407

Inclinable / Schwenkbar / Adjustable / Inclinabile



Pince / Spannzange / Collet / Pinza ER11

Rapport / Übersetzung
Ratio / Rapporto 1:1

RPM 5'000 max

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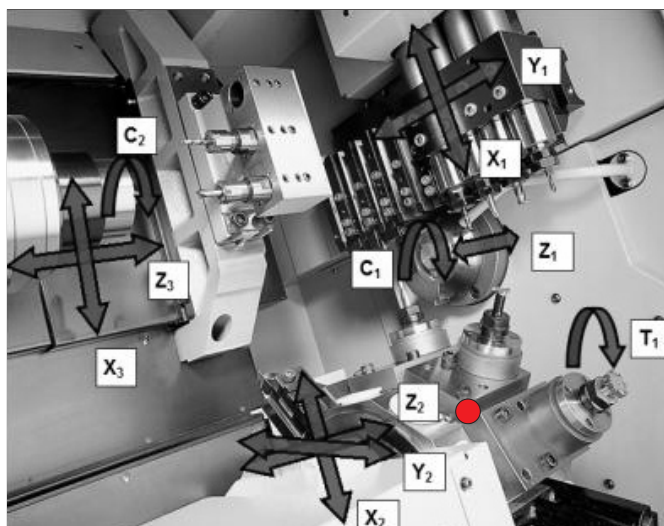
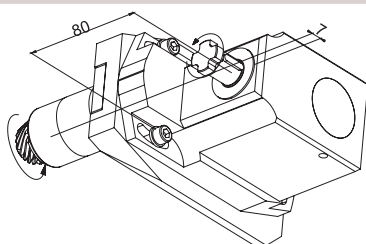


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PRECISION TOOLING

CITIZEN M20-M32


KSF-130
Radial / Radial / Radial / Radiale


Arbres / Welle / Arbor / Albero

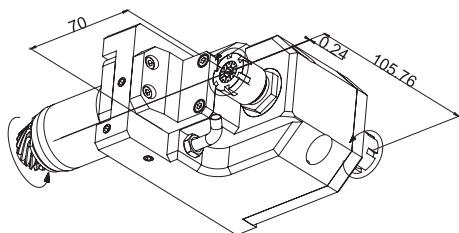
 $\varnothing 16$

 Rapport / Übersetzung
Ratio / Rapporto

1:1

RPM

5'000 max

KSE-110-DE-32
Radial / Radial / Radial / Radiale


Pince / Spannzange / Collet / Pinza

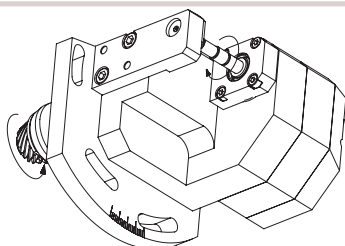
2x ER16

 Rapport / Übersetzung
Ratio / Rapporto

1:1

RPM

5'000 max

KSH-133-035
A tailler / Verzahnen / Hobbing / A tagliare


Pince / Spannzange / Collet / Pinza

2x ER16

 Rapport / Übersetzung
Ratio / Rapporto

1,588:1 (27/17)

RPM

3'200 max

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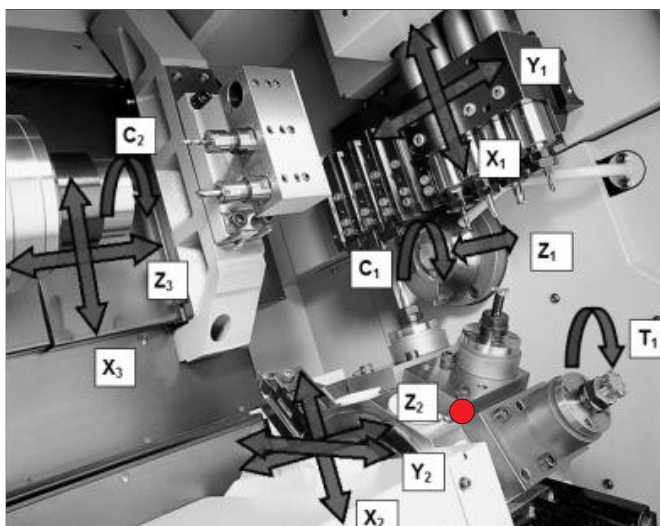
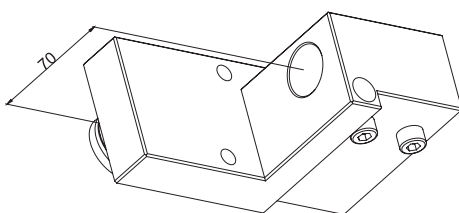
PCM[®]

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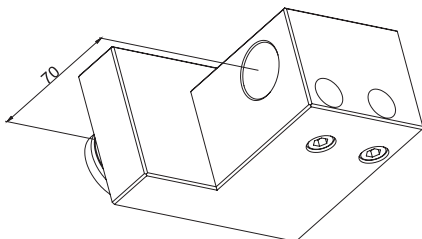


PRECISION TOOLING

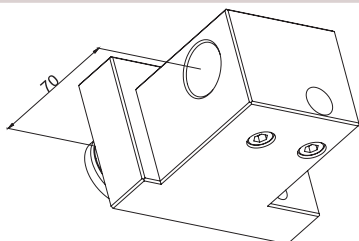
CITIZEN M20-M32

**CDF-101****Porte-burin / Stahlhalter / Toolholder / Portautensile**

Alésage / Bohrung / Boring / Alesaggio Ø 25.4

CDF-201**Porte-burin / Stahlhalter / Toolholder / Portautensile**

Alésage / Bohrung / Boring / Alesaggio Ø 25.4

CDF-301**Porte-burin / Stahlhalter / Toolholder / Portautensile**

Alésage / Bohrung / Boring / Alesaggio Ø 25.4

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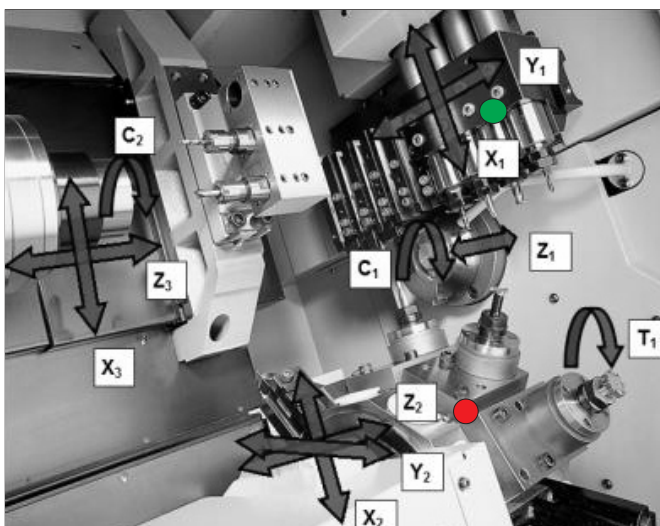
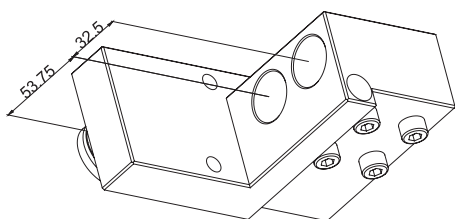
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PRECISION TOOLING

CITIZEN M20-M32

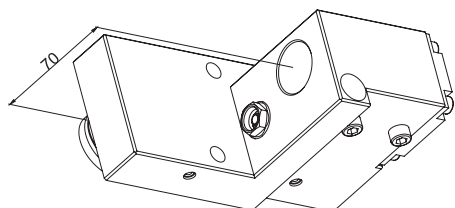
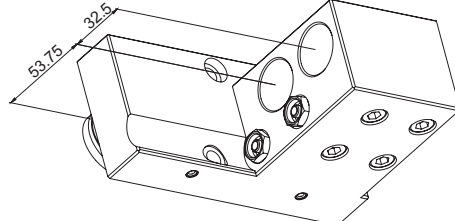
**CDF-401****Porte-burin / Stahlhalter / Toolholder / Portautensile****Alésage / Bohrung / Boring / Alesaggio 2x Ø 25.4**

Pas utilisable en porte-outils fixe multiple sur la nouvelle machine CITIZEN M32.
L'axe du revolver est décalé.

Cannot be used in multiple fixed toolholder on the new CITIZEN M32. The axis of the revolver is offset.

Kann nicht mehrere Werkzeughalter auf der neue CITIZENM32 montieren werden.
Die Achse des Revolver ist versetzt.

Non può essere utilizzato in portautensile fisso multiplo su la nuova macchina CITIZEN M32.
L'asse della torretta è compensato.

CDF-101-AR-1**Porte-burin / Stahlhalter / Toolholder / Portautensile****Alésage / Bohrung / Boring / Alesaggio Ø 25.4****CDF-401-AR****Porte-burin / Stahlhalter / Toolholder / Portautensile****Alésage / Bohrung / Boring / Alesaggio 2x Ø 25.4**

Pas utilisable en porte-outils fixe multiple sur la nouvelle machine CITIZEN M32.
L'axe du revolver est décalé.

Cannot be used in multiple fixed toolholder on the new CITIZEN M32. The axis of the revolver is offset.

Kann nicht mehrere Werkzeughalter auf der neue CITIZENM32 montieren werden.
Die Achse des Revolver ist versetzt.

Non può essere utilizzato in portautensile fisso multiplo su la nuova macchina CITIZEN M32.
L'asse della torretta è compensato.

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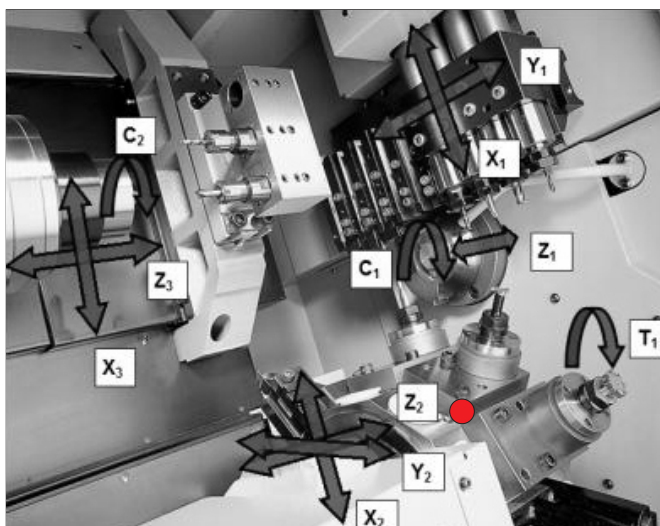
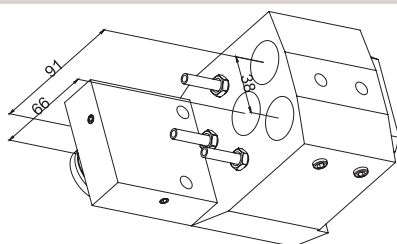
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PRECISION TOOLING

CITIZEN M20-M32

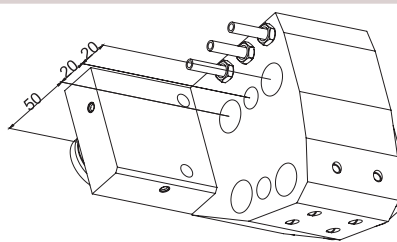
**CDF-901-AR****Porte-burin / Stahlhalter / Toolholder / Portautensile****Alésage / Bohrung / Boring / Alesaggio 3x Ø 25.4**

Pas utilisable en porte-outils fixe multiple sur la nouvelle machine CITIZEN M32.
L'axe du revolver est décalé.

Cannot be used in multiple fixed toolholder on the new CITIZEN M32. The axis of the revolver is offset.

Kann nicht mehrere Werkzeughalter auf der neue CITIZENM32 montieren werden.
Die Achse des Revolver is versetzt.

Non può essere utilizzato in portautensile fisso multiplo su la nuova macchina CITIZEN M32.
L'asse della torretta e compensato.

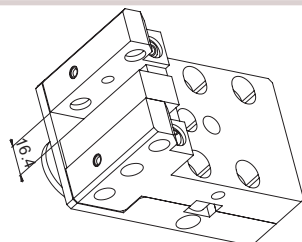
CDF-905-AR**Porte-burin / Stahlhalter / Toolholder / Portautensile****Alésage / Bohrung / Boring / Alesaggio 3x Ø 25.4**

Pas utilisable en porte-outils fixe multiple sur la nouvelle machine CITIZEN M32.
L'axe du revolver est décalé.

Cannot be used in multiple fixed toolholder on the new CITIZEN M32. The axis of the revolver is offset.

Kann nicht mehrere Werkzeughalter auf der neue CITIZENM32 montieren werden.
Die Achse des Revolver is versetzt.

Non può essere utilizzato in portautensile fisso multiplo su la nuova macchina CITIZEN M32.
L'asse della torretta e compensato.

778-CTF-116-R-AR**Porte-burin / Stahlhalter / Toolholder / Portautensile****Burin / Stahl / Tool / Utensile****10/10**

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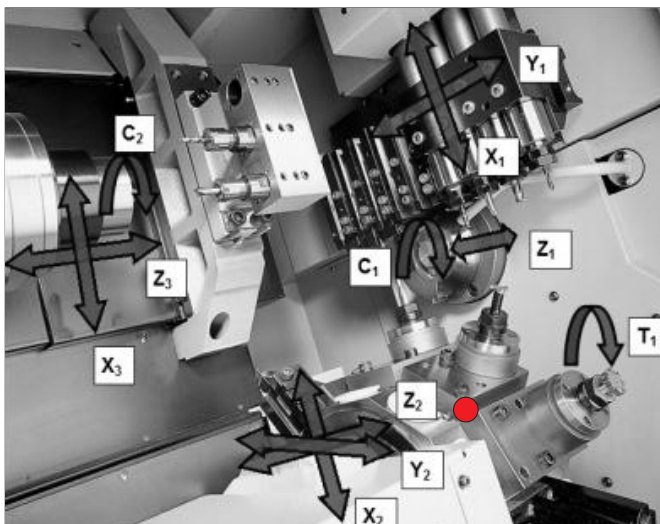
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SWISS



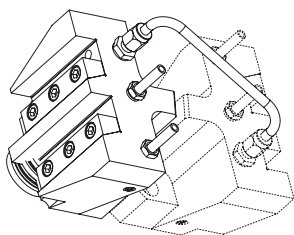
PRECISION TOOLING

CITIZEN M20-M32



CTF1116-D

Porte-burin / Stahlhalter / Toolholder / Portautensile

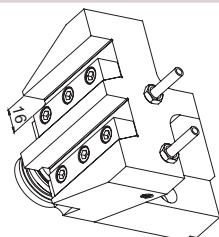


Burin / Stahl / Tool / Utensile

2x 10/10

CTF-1116

Porte-burin / Stahlhalter / Toolholder / Portautensile

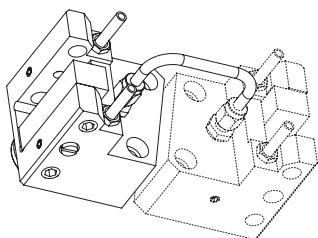


Burin / Stahl / Tool / Utensile

2x 16/16

CTF-116-AR

Porte-burin / Stahlhalter / Toolholder / Portautensile



Burin / Stahl / Tool / Utensile

10/10

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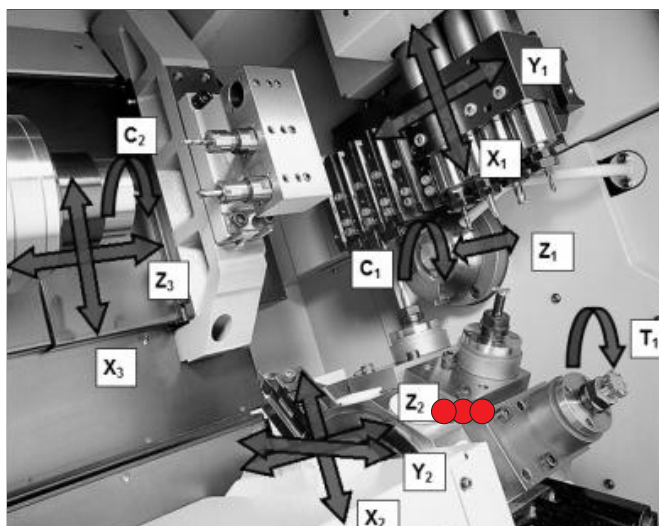
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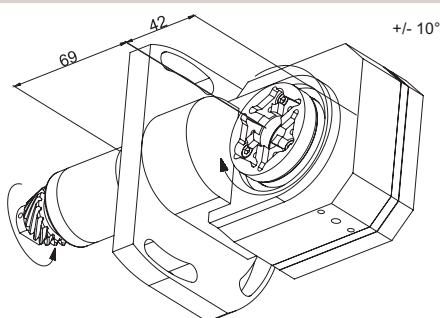
PRECISION TOOLING

CITIZEN M20-M32



KSW-101-SWG

Tourbillonneur / Gewindewirbeln / Thread whirling / Tourbillonneur



Attachement / Spannung
Attachment / Attrezzatura

Gloor / Utilis
Schwanog

Rapport / Übersetzung
Ratio / Rapporto

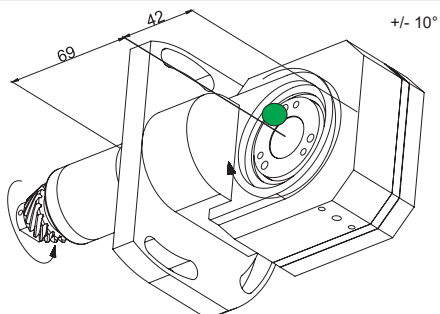
2:1

RPM

2'500 max

KSW-101-000

Tourbillonneur / Gewindewirbeln / Thread whirling / Tourbillonneur



Attachement / Spannung
Attachment / Attrezzatura

Gloor / Utilis
Schwanog

Rapport / Übersetzung
Ratio / Rapporto

2:1

RPM

2'500 max

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PCM WILLEN S.A.
Z. Industrielle C,
Rte. Du Grammont 101
CH-1844 Villeneuve

Tel: +41(0)21 967 33 66
Fax: +41(0)21 960 38 95
E-Mail: office@pcm.ch



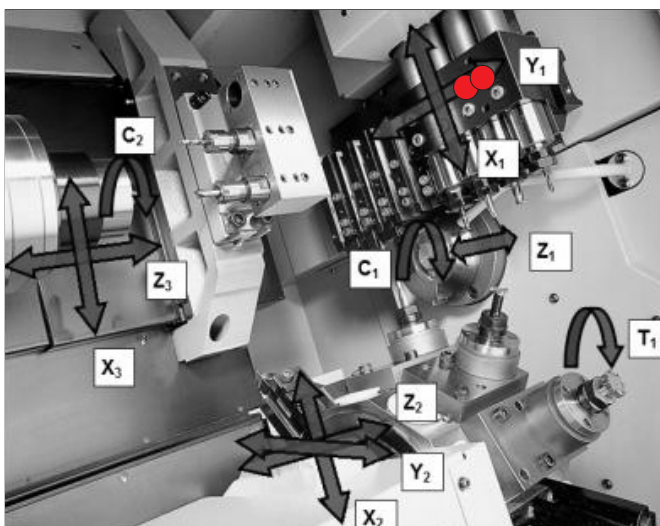
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SWISS



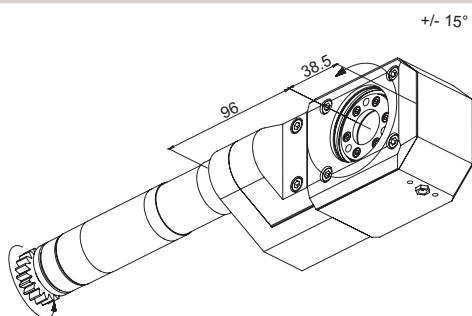
PRECISION TOOLING

CITIZEN M20-M32



LSW-215-000

Tourbillonneur / Gewindewirbeln / Thread whirling / Tourbillonneur



Attachement / Spannung
Attachment / Attrezzatura

Gloor / Utilis
Schwanog

Rapport / Übersetzung
Ratio / Rapporto

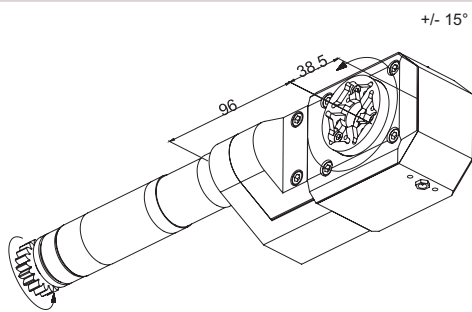
1:1

RPM

5'000 max

LSW-215-SWG

Tourbillonneur / Gewindewirbeln / Thread whirling / Tourbillonneur



Attachement / Spannung
Attachment / Attrezzatura

Gloor / Utilis
Schwanog

Rapport / Übersetzung
Ratio / Rapporto

1:1

RPM

5'000 max

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Tel: +41(0)21 967 33 66
Fax: +41(0)21 960 38 95
E-Mail: office@pcm.ch

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CH-1844 Villeneuve



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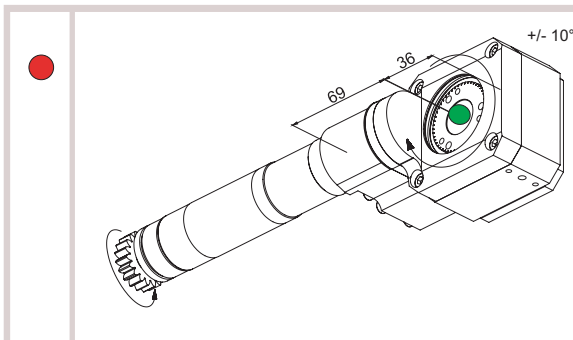
SWISS



PRECISION TOOLING

CITIZEN M20-M32

LSW-101-L20-000 Tourbillonneur / Gewindewirbeln / Thread whirling / Tourbillonneur



Attachement / Spannung
Attachment / Attrezzatura

Gloor / Utilis
Schwanog

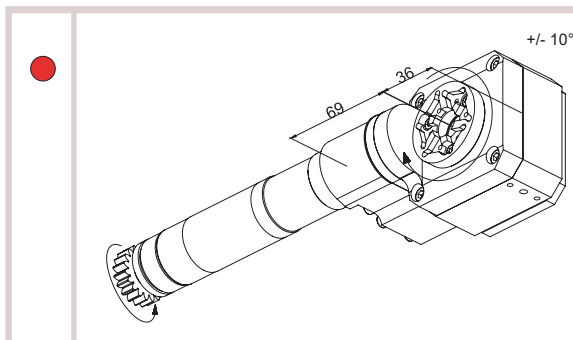
Rapport / Übersetzung
Ratio / Rapporto

2:1

RPM

2'500 max

LSW-101-L20-S Tourbillonneur / Gewindewirbeln / Thread whirling / Tourbillonneur



Attachement / Spannung
Attachment / Attrezzatura

Gloor / Utilis
Schwanog

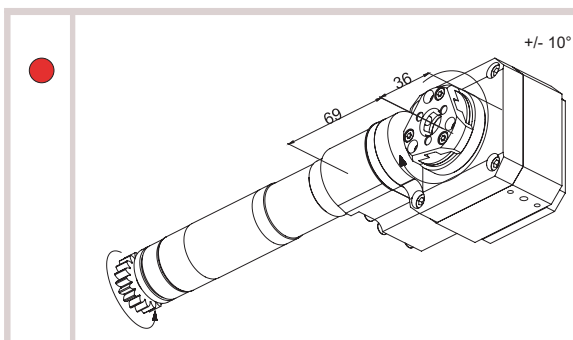
Rapport / Übersetzung
Ratio / Rapporto

2:1

RPM

2'500 max

LSW-101-L20 Tourbillonneur / Gewindewirbeln / Thread whirling / Tourbillonneur



Attachement / Spannung
Attachment / Attrezzatura

Gloor / Utilis
Schwanog

Rapport / Übersetzung
Ratio / Rapporto

2:1

RPM

2'500 max

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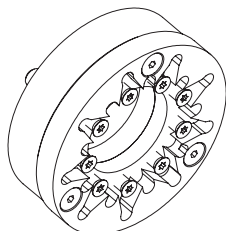
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SWISS



PRECISION TOOLING

CITIZEN M20-M32

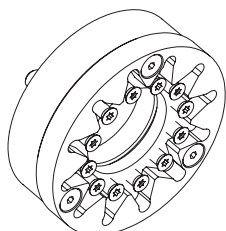
MWT12 164 4046 130 09**Attachement / Spannung / Attachment / Attrezzatura**

Utilis

Plaquettes / Platten
Insert / Inserti

9

max. Ø 12

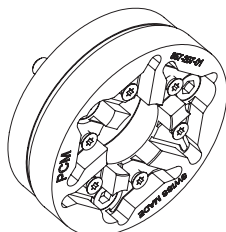
MWT12 164 4046 130 12**Attachement / Spannung / Attachment / Attrezzatura**

Utilis

Plaquettes / Platten
Insert / Inserti

12

max. Ø 12

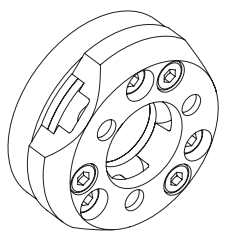
MSW-101-FPSWG**Attachement / Spannung / Attachment / Attrezzatura**

Schwanog

Plaquettes / Platten
Insert / Inserti

6

max. Ø 12

MSW-101-FPGLO**Attachement / Spannung / Attachment / Attrezzatura**

Gloor

Burin circulaire / Zirkular messer
Circular tools / Coltelli circolare

3

max. Ø 12

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ESPRIT D'EQUIPE

MAKE THE DIFFERENCE



PCM WILLEN S. A.

Z. Industrielle C,
Rte. Du Grammont 101
CH-1844 Villeneuve
Tel: +41(0)21 967 33 66
Fax: +41(0)21 960 38 95
E-Mail: office@pcm.ch

www.pcm.ch

