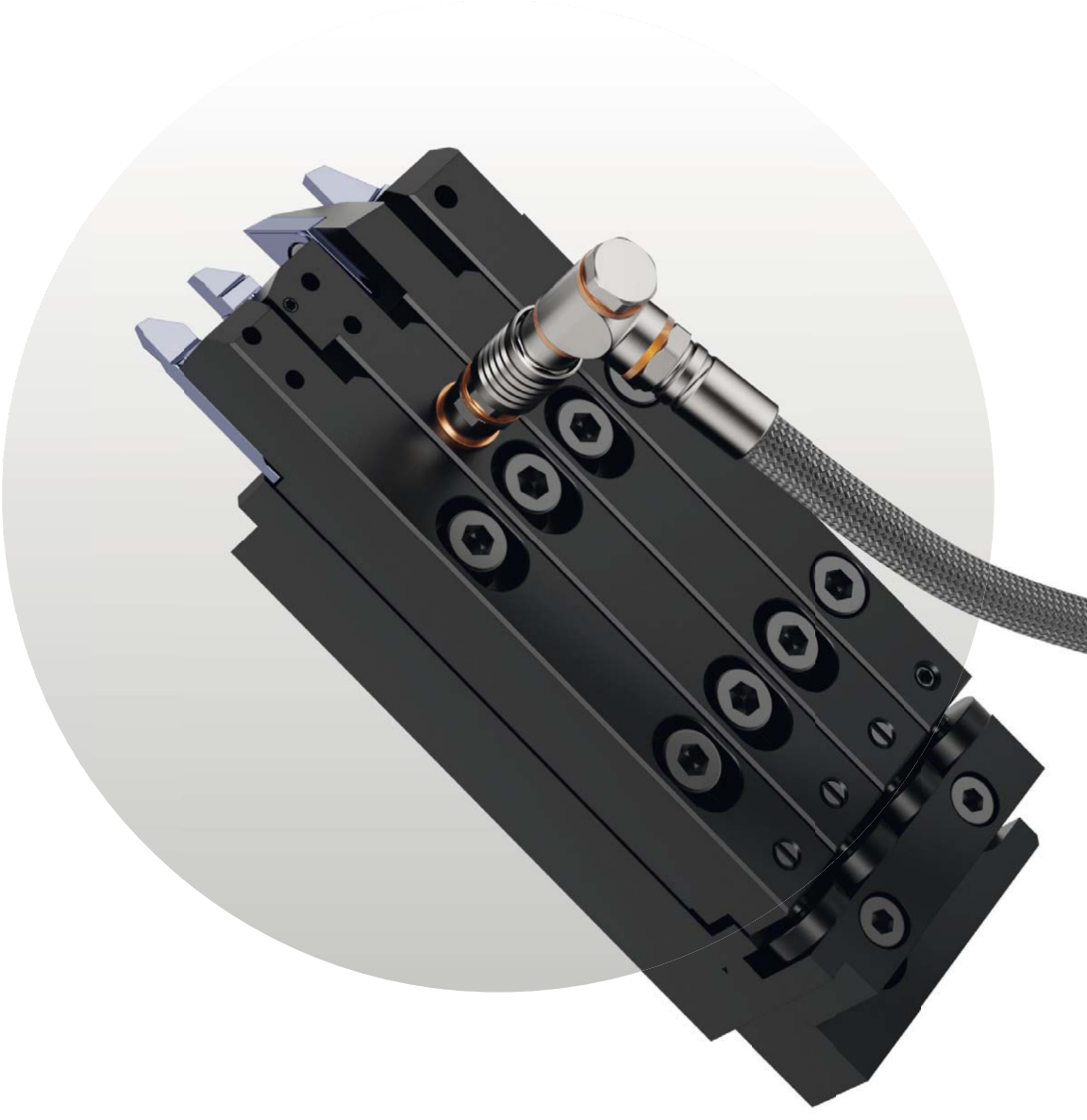
MODU-Line



APPLITEC
CUTTING TOOLS

MODU-Line

Index

Infos et avantages
Infos und Vorteile
Infos and advantages > 14.04

Supports de base / Grundhalter / Base holders

Adaptations disponibles pour les machines suivantes:
Verfügbare Anpassungen für folgende Maschinen:
Available adapters for the following machines:

Citizen > 14.06
Hanwha > 14.20
Manurhin > 14.24
Metafil > 14.26
Star > 14.28
Tornos > 14.46
Tsugami > 14.66

Porte-outils / Halter / Holders

Porte-outils
Halter
Holders

ML12



ML16



Infos > 14.74

Right cut



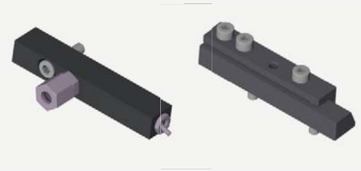
TOP-Line > 14.78
TURN-Line > 14.80
ISO-Line > 14.80
EVOCUT-Line > 14.83
CUT-Line > 14.84
PRO-Line > 14.85
ECO-Line > 14.86
IN-Line > 14.87
TOOLING-Line > 14.89

Cut off line



TOP-Line > 14.90
TURN-Line > 14.92
ISO-Line > 14.93
EVOCUT-Line > 14.94
CUT-Line > 14.95
PRO-Line > 14.96
ECO-Line > 14.97

Modules d'arrosage et de serrage
Kühlmittelzufuhr- und Spannelemente
Coolant and clamping supply unit



> 14.98

Banc de préréglage
Voreinstellgerät
Presetting device



> 14.100

Pièces de rechange et accessoires
Ersatzteile und Zubehör
Spare parts and accessories



> 14.102

MODU-Line

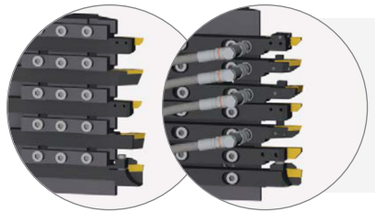
Infos et avantages
Infos und Vorteile
Infos and advantages

Original system	MODU-Line system
	

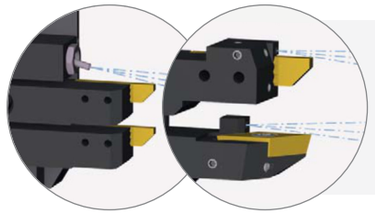
Système d'outils modulaires pour tours automatiques

Modulares Werkzeugsystem für Langdrehautomaten

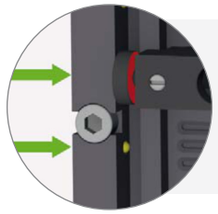
Modular tooling system for sliding headstock automatic lathes



Plus d'outils disponibles
Mehr verfügbaren Werkzeuge
More available tools



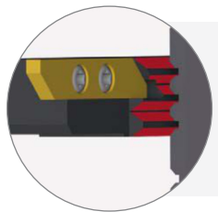
Système d'arrosage efficace
Effizientes Kühlmittelzufuhrsystem
Efficient coolant supply system



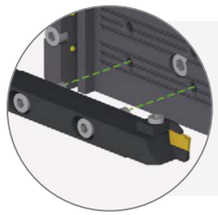
Repositionnement précis, poussée axiale automatique
Präzise Nachpositionierung, automatischer Axialschub
Precise repositionning, automatic axial thrust



Possibilité de préréglage et de réglage de la longueur des outils
Voreinstellbar auf feste oder einstellbare Länge
Presetting on fixed or adjustable length



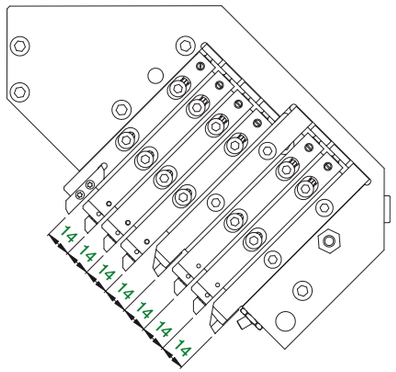
Système de fixation robuste et rigide
Robustes und starres Spannsystem
Strong and stable clamping system

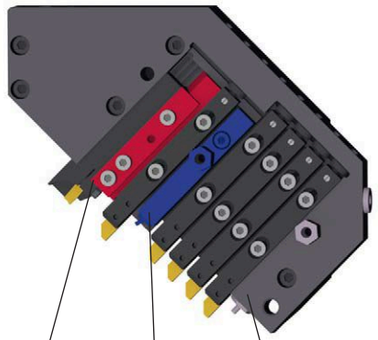


Changement d'outil simple et rapide
Einfacher und schneller Werkzeugwechsel
Easy and quick tool replacement

Citizen

Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
C12/C16	ML12-CITIZEN-C16	ML12	14.07
L12-1M7	ML12-CITIZEN-L12-1M7		14.08
L12-2M10	ML12-CITIZEN-L12-2M10		14.09
M16V/VIII	ML12-CITIZEN-M16V/VIII		14.10
R04	ML12-CITIZEN-R04-QTF3101-3T		14.13
	ML12-CITIZEN-R04-QTF5008-4T		14.11
	ML12-CITIZEN-R04-QTF5108-4T		
R07	ML12-CITIZEN-R07-QTF4008-5T		14.14
	ML12-CITIZEN-R07-QTF4108-6T		
	ML12-CITIZEN-R07-QTF4208-3T		14.15
	ML12-CITIZEN-R07-QTF4608-4T		
K12/K16	ML16-CITIZEN-K16	ML16	14.16
L16/L20-5M1/5M7	ML16-CITIZEN-L20		14.17
L20E-1M8/L20X-1M10/ L20-2M8/2M12	ML16-CITIZEN-L20E		14.18
L20E-3M	ML16-L20E-GTF7812		14.19

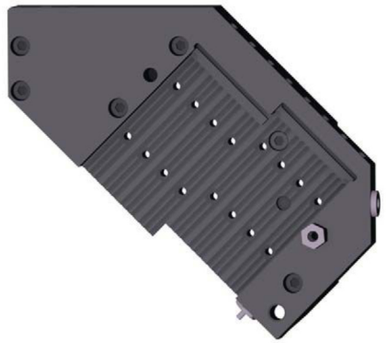




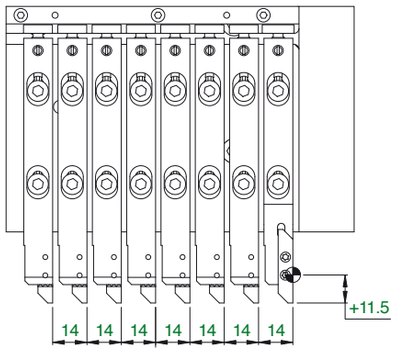
Outil ⍁ 12 mm possible avec module de serrage
Werkzeug ⍁ 12 mm mit Spannelement möglich
Tool ⍁ 12mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

Arrosage intégré
Integrierter Kühlmittel
Integrated coolant



			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-CITIZEN-C16	ML12	> 14.77	ML12-FIX-12/14	ML12-JET-5/16	14.98

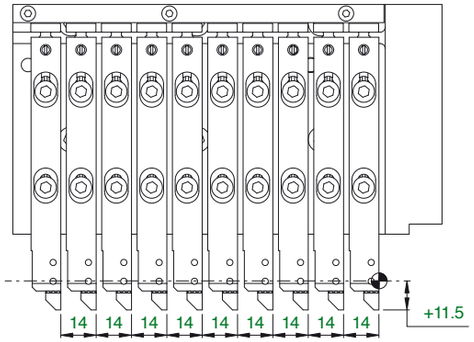






Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories: Page Seite Page
ML12-CITIZEN-L12-1M7	ML12	> 14.77	–	ML12-JET-5/16	14.98

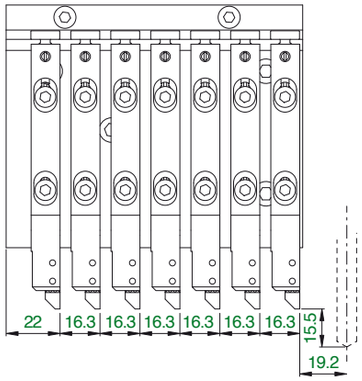
Zurück zum Kapitelanfang



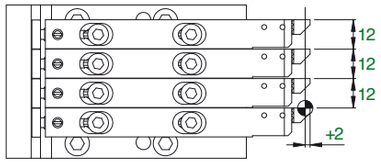


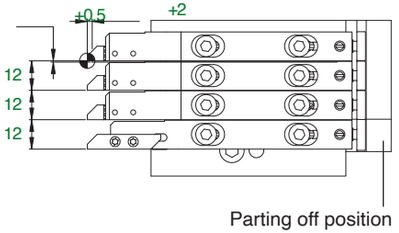


Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories: Page Seite Page
ML12-CITIZEN-L12-2M10	ML12	> 14.77	–	ML12-JET-5/16	14.98









Parting off position









ML12-CITIZEN-R04-QTF5008-4T



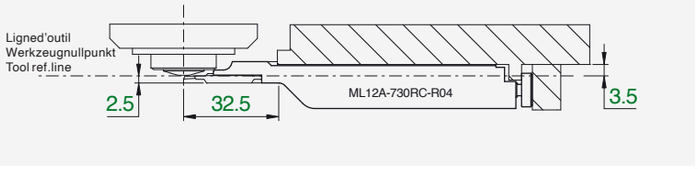
ML12-CITIZEN-R04-QTF5108-4T

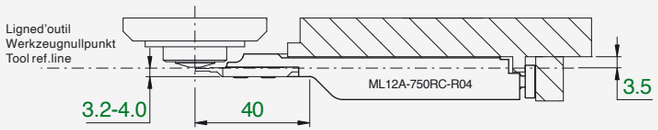
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-CITIZEN-M16V/VIII	ML12	> 14.77	–	ML12-JET-5/16	14.98

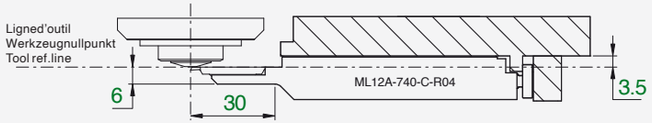
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
4T	ML12-CITIZEN-R04-QTF5008-4T	ML12	> 14.77	–	ML12-JET-5/16	14.98
	ML12-CITIZEN-R04-QTF5108-4T					

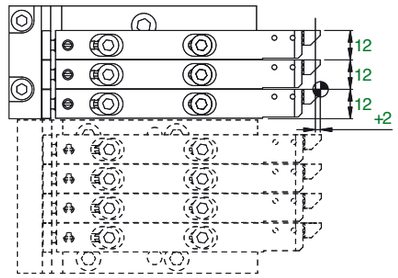
Citizen R04

avec canon
mit Führungsbuchse
with guide bush







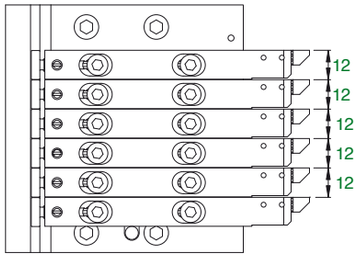






Type de machine Maschinen-Typ Type of machine	Porte-outils Halter Holders	Art. N°	Plaquettes Wendeplatten Inserts	Pages Seiten Pages
Citizen R04	ML12	ML12A-730RC-R04	731R.../ 731RSF	> TOP-Line TOP-Watch
		ML12A-750RC-R04	751R.../ 751RDSF	
		ML12A-740-C-R04	741 / 741SF	

			Accessoires Zubehöre Accessories		
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-CITIZEN-R04-QTF3101-3T	ML12	> 14.77	–	ML12-JET-5/16	14.98



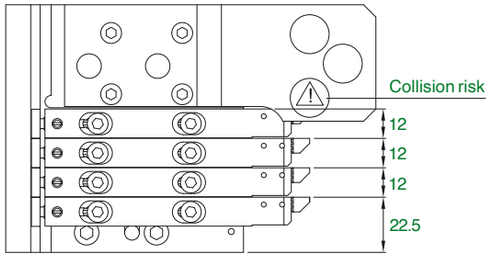


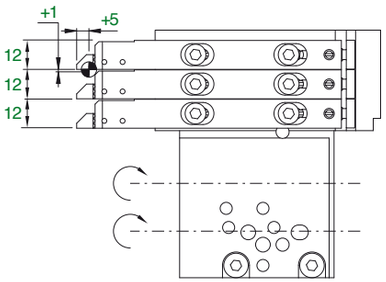


ML12-CITIZEN-R07-QTF4108-6T

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
5T	ML12-CITIZEN-R07-QTF4008-5T	ML12	> 14.77	–	ML12-JET-5/16	14.98
6T	ML12-CITIZEN-R07-QTF4108-6T					

Zurück zum Kapitelanfang









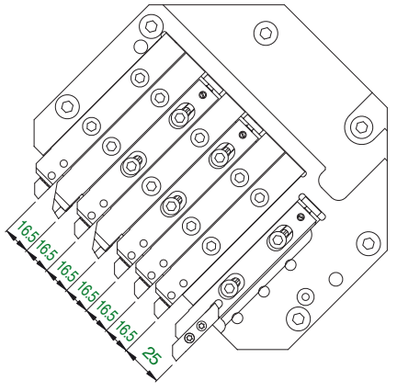


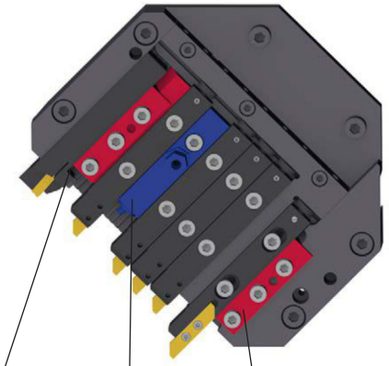
ML12-CITIZEN-R07-QTF4008-5T

ML12-CITIZEN-R07-QTF4608-4T

ML12-CITIZEN-R07-QTF4208-3T

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
3T	ML12-CITIZEN-R07-QTF4208-3T	ML12	> 14.77	–	ML12-JET-5/16	14.98
4T	ML12-CITIZEN-R07-QTF4608-4T					

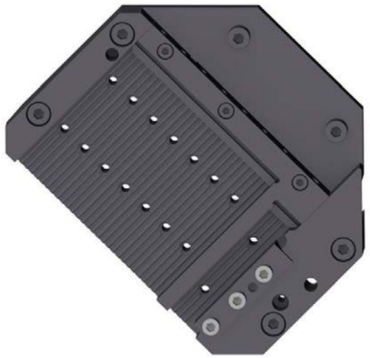




Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

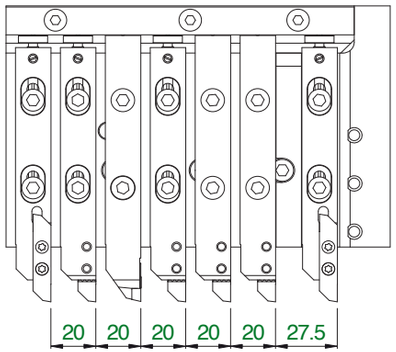
Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

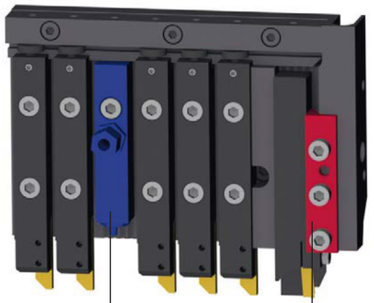
1 serrage ML16-FIX-16 pour outil ⍁ 16 mm inclus
1 Spannung ML16-FIX-16 für Werkzeug ⍁ 16 mm inbegriffen
1 clamping ML16-FIX-16 for tool ⍁ 16 mm included



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories Page Seite Page
ML16-CITIZEN-K16	ML16	> 14.77	ML16-FIX-16/16.5	ML16-JET-7/16	14.98

Zurück zum Kapitelanfang



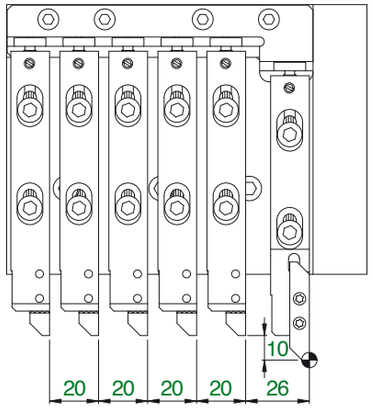


Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

1 serrage ML16-FIX-16 pour outil ⍁ 16 mm inclus
1 Spannung ML16-FIX-16 für Werkzeug ⍁ 16 mm inbegriffen
1 clamping ML16-FIX-16 for tool ⍁ 16 mm included



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories Page Seite Page
ML16-CITIZEN-L20	ML16	> 14.77	–	ML16-JET-7/16	14.98

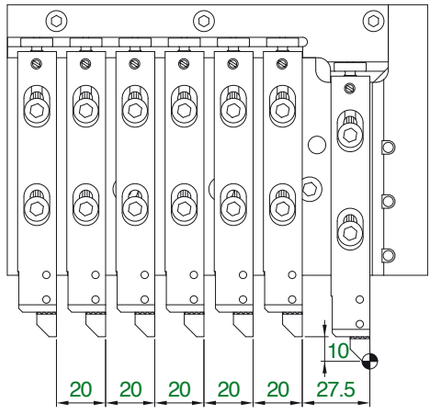


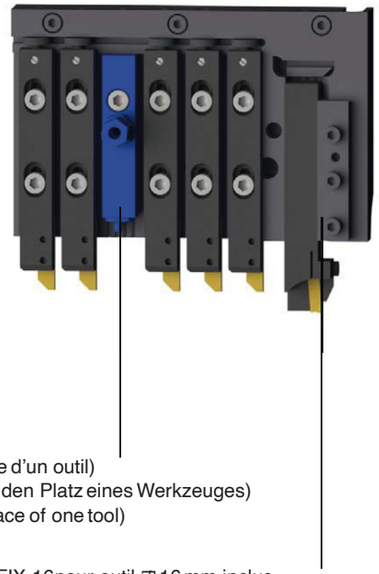




Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories: Page Seite Page
ML16-CITIZEN-L20E	ML16	> 14.77	–	ML16-JET-7/16	14.98

Zurück zum Kapitelanfang





Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

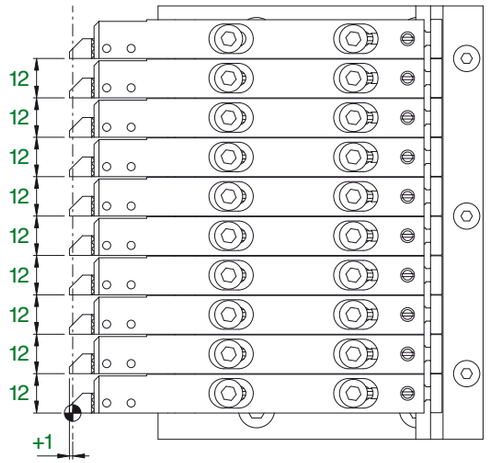
1 serrage ML16-FIX-16 pour outil ⍁ 16 mm inclus
1 Spannung ML16-FIX-16 für Werkzeug ⍁ 16 mm inbegriffen
1 clamping ML16-FIX-16 for tool ⍁ 16 mm included

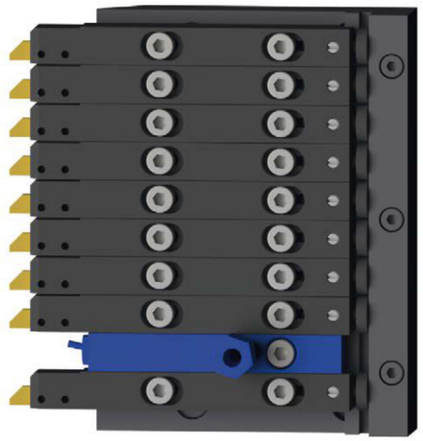


Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories: Page Seite Page
ML16-L20E-GTF7812	ML16	> 14.77	–	ML16-JET-7/16	14.98

Hanwha

Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
XD10	ML12-HANWHA-XD10	ML12	14.21
XD20M	ML12-HANWHA-XD20M		14.22
SL12/16	ML16-HANWHA-SL12/16	ML16	14.23





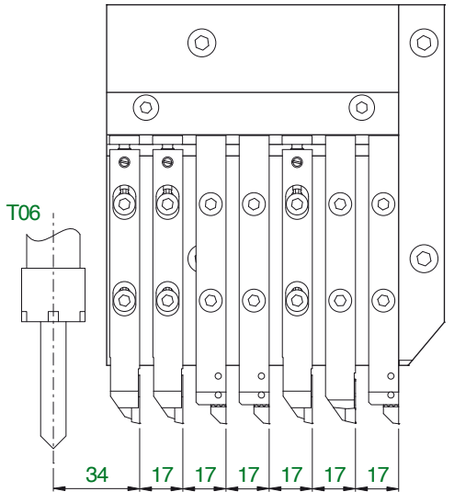


Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-HANWHA-XD10	ML12	> 14.77	-	ML12-JET-5/16	14.98

ML12

+ 2 outils (max 7)
+ 2 Werkzeuge (max 7)
+ 2 tools (max 7)

Hanwha XD20M







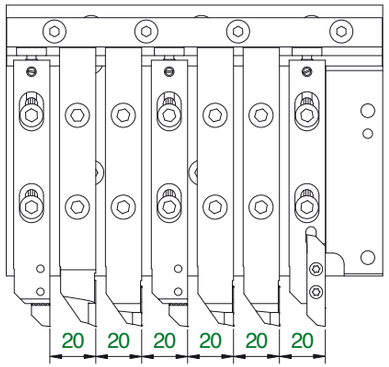
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories: Page Seite Page
ML12-HANWHA-XD20M	ML12	> 14.77	-	ML12-JET-5/16	14.98

Zurück zum Kapitelanfang

ML16

+ 1 outil (max 7)
+ 1 Werkzeug (max 7)
+ 1 tool (max 7)

Hanwha SL12 / 16



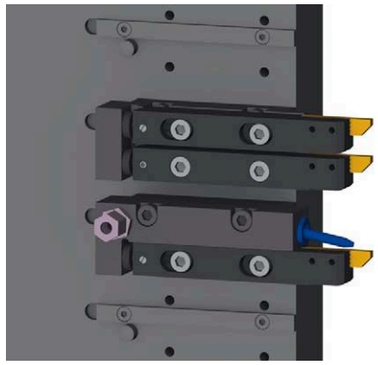




Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories: Page Seite Page
ML16-HANWHA-SL12/16	ML16	> 14.77	–	ML16-JET-7/16	14.98

Manurhin

Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
KMX426/526/626/ Swingg 20-26 MM	ML16-KMX26-JET	ML16	14.25
	ML16-KMX26-DUO		

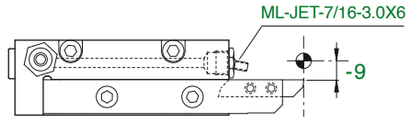


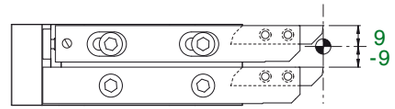
JET



DUO









JET

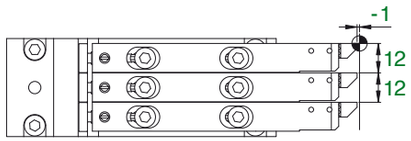


DUO

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-KMX26-JET	ML16	> 14.77	–	ML-JET-7/16…	14.98
DUO	ML16-KMX26-DUO				ML16-JET-7/16	

Metafil

Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
D3/D10/D13	ML12-D10-3T	ML12	14.27



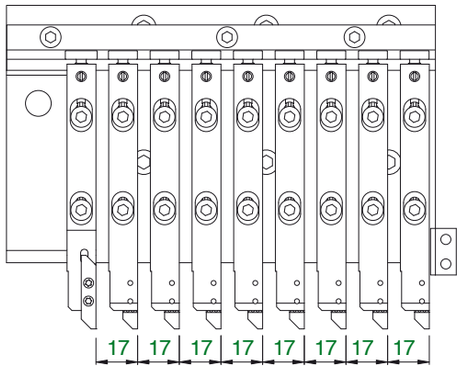




Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-D10-3T	ML12	> 14.77	-	ML12-JET-5/16	14.98

Star

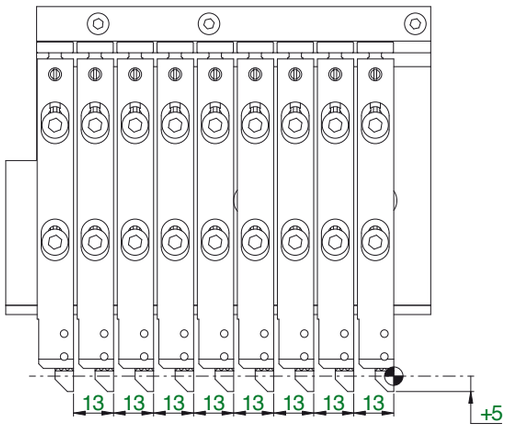
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
SB-12RG	ML12-STAR-SB-12RG	ML12	14.29
SL7/10	ML12-STAR-SL7/10		14.30
SR-10J	ML12-STAR-SR-10J		14.31
SW-12RII	ML12-STAR-SW-12RII-2T		14.32
	ML12-STAR-SW-12RII-8T		
SA-12/SA-16/SA-16R	ML16-STAR-SA-16	ML16	14.33
SB-16	ML16-STAR-SB-16		14.34
SB-16/20RG	ML16-STAR-SB-16/20RG		14.35
SB-20C/E	ML16-STAR-SB-20C/E		14.36
SR-16R/SR-20R/SR-20RII	ML16-STAR-SR-20R		14.37
SR-20J/SR-20RIII	ML16-STAR-SR-20J		14.38
	ML16-STAR-SR-20RIII		
SR-20JII-A/B	ML16-STAR-SR-20JII-A/B		14.39
SR-20RIV	ML16-STAR-SR-20RIV-2T		14.40
	ML16-STAR-SR-20RIV-6T		
SR-32J	ML16-STAR-SR-32J		14.41
SV-12/20	ML16-STAR-SV-12/20		14.42
SV-20R	ML16-STAR-SV-20R		14.43
SW-20	ML16-STAR-SW-20-2T		14.44
	ML16-STAR-SW-20-6T		

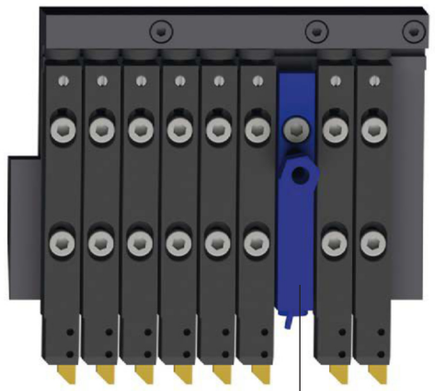




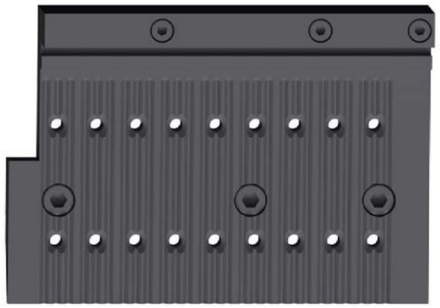


Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-STAR-SB-12RG	ML12	> 14.77	–	ML12-JET-5/16	14.98



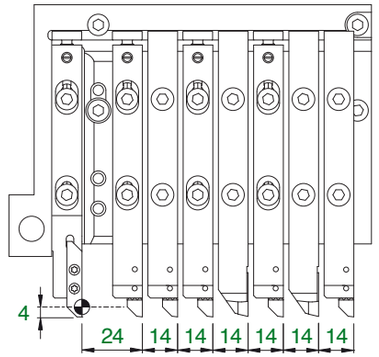


Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
9T	ML12-STAR-SL7/10	ML12	> 14.77	–	ML12-JET-5/16	14.98

Zurück zum Kapitelanfang



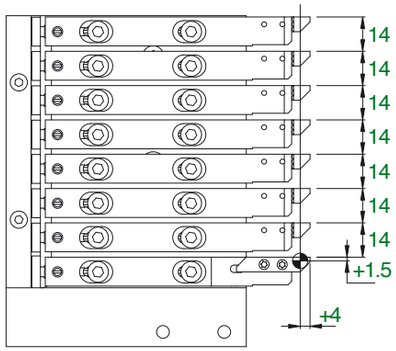


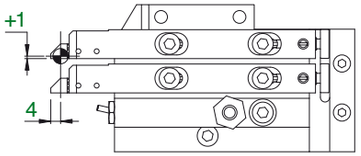
1 serrage ML12-FIX-12pour outil ⍁ 12 mm inclus
1 Spannung ML12-FIX-12 für Werkzeug ⍁ 12 mm inbegriffen
1 clamping ML12-FIX-12for tool ⍁ 12 mm included

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)

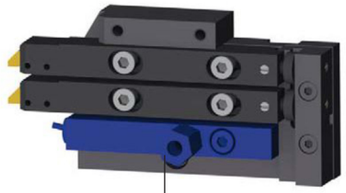


Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML12-STAR-SR-10J	ML12	> 14.77	ML12-FIX-12/14	ML12-JET-5/16	14.98









Position uniquement utilisable avec module d'arrosage, en option
Position nur mit Kühlmittelzufuhrelement verwendbar, optional
Position only with coolant supply unit usable, optional



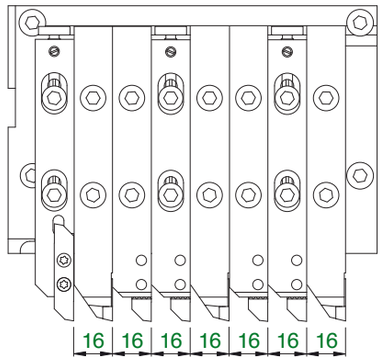
ML12-STAR-SW-12RII-8T

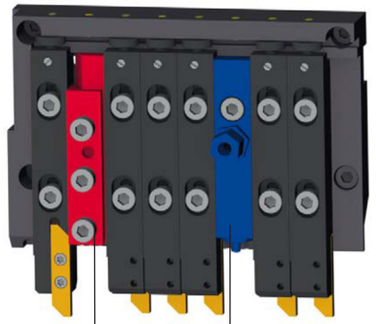


ML12-STAR-SW-12RII-2T

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
2T	ML12-STAR-SW-12RII-2T	ML12	> 14.77	–	ML12-JET-5/16	14.98
8T	ML12-STAR-SW-12RII-8T					

Zurück zum Kapitelanfang



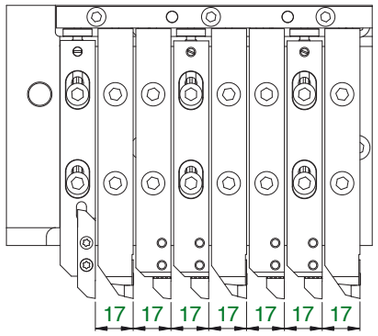


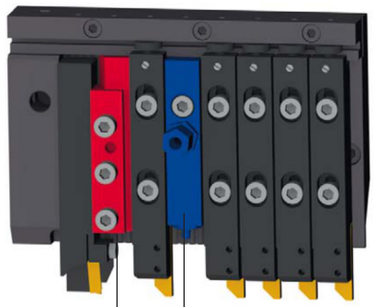
Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SA-16	ML16	> 14.77	ML16-FIX-16/16	ML16-JET-7/16	14.98





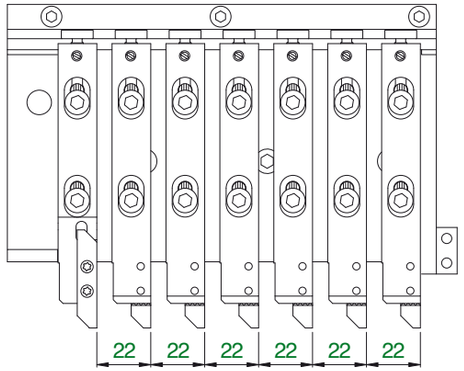
Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SB-16	ML16	> 14.77	ML16-FIX-16/17	ML16-JET-7/16	14.98

Zurück zum Kapitelanfang



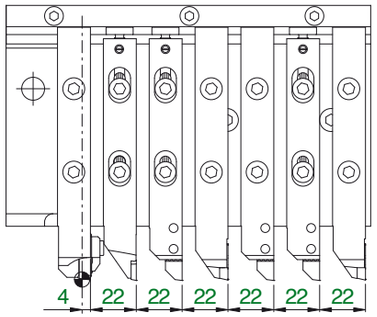


Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SB-16/20RG	ML16	> 14.77	ML16-FIX-16/22	ML16-JET-7/16	14.98





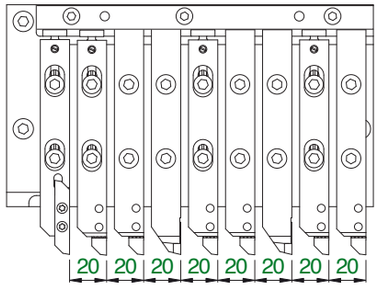
Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

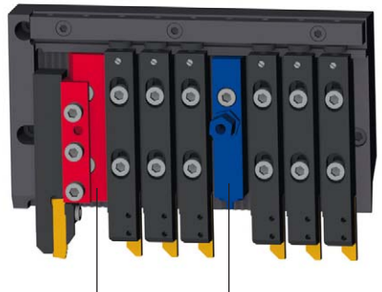
Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SB20C/E	ML16	> 14.77	ML16-FIX-16/22	ML16-JET-7/16	14.98

Zurück zum Kapitelanfang



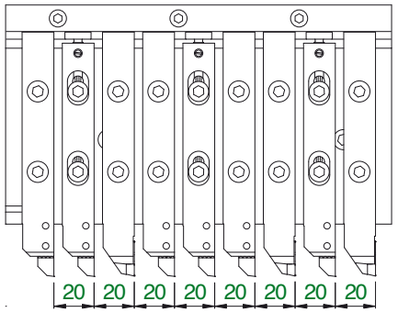


Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SR-20R	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98





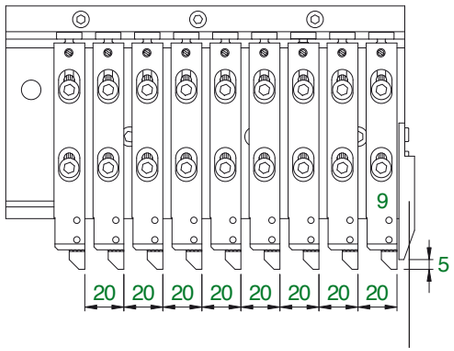
Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SR-20RIII	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98
ML16-STAR-SR-20J					

Zurück zum Kapitelanfang

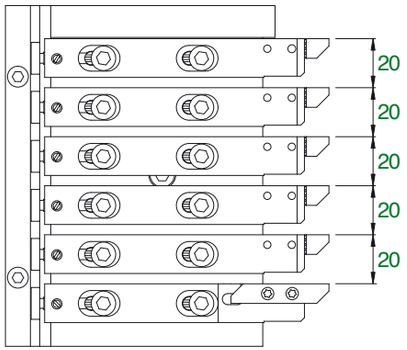


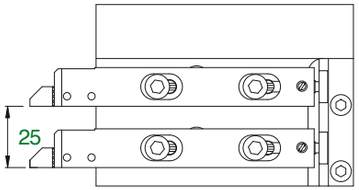
Risque de collision avec outil n° 9
Kollisionsrisiko mit Werkzeug Nr. 9
Collision risk with tool no. 9





Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SR-20JII-A/B	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98











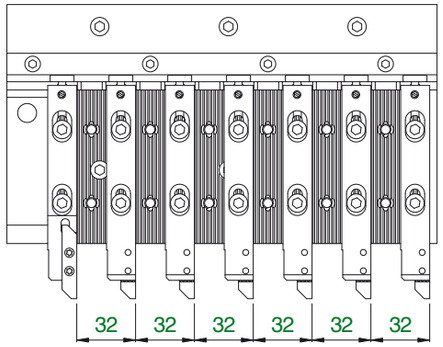
ML16-STAR-SR-20RIV-6T

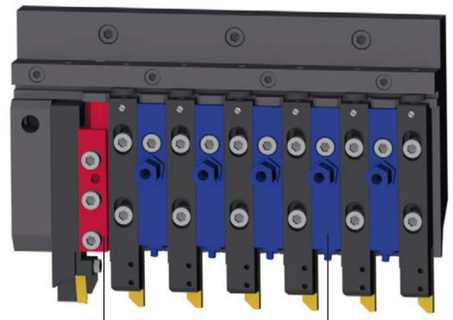


ML16-STAR-SR-20RIV-2T

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
2T	ML16-STAR-SR-20RIV-2T	ML16	> 14.77	–	ML16-JET-7/16	14.98
6T	ML16-STAR-SR-20RIV-6T					

Zurück zum Kapitelanfang



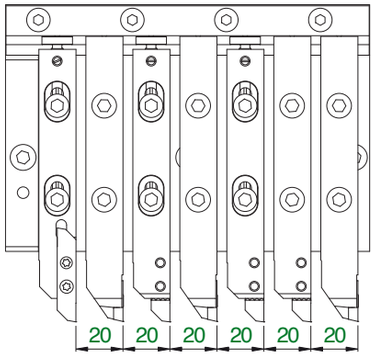


Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SR-32J	ML16	> 14.77	ML16-FIX-16/16	ML16-JET-7/16	14.98





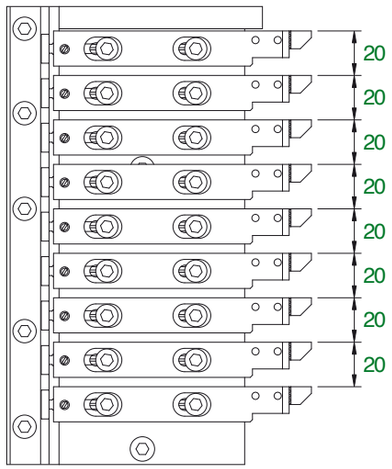
Outil ⍁ 16 mm possible avec module de serrage
Werkzeug ⍁ 16 mm mit Spannelement möglich
Tool ⍁ 16 mm possible with clamping unit

Module d'arrosage (prend la place d'un outil)
Kühlmittelzufuhrelement (nimmt den Platz eines Werkzeuges)
Coolant supply unit (takes the place of one tool)



Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SV-12/20	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98

Zurück zum Kapitelanfang







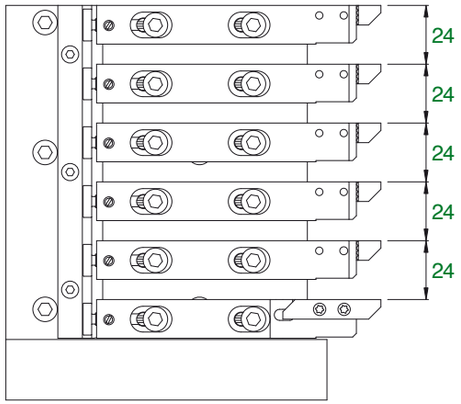
Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories: Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories: Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
ML16-STAR-SV-20R	ML16	> 14.77	ML16-FIX-16/20	ML16-JET-7/16	14.98

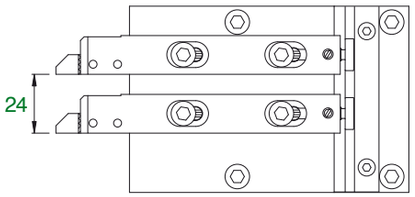
Star SW-20

+ 1 outil (max 8)
+ 1 Werkzeug (max 8)
+ 1 tool (max 8)

ML16

MODU-Line







ML16-STAR-SW-20-6T



ML16-STAR-SW-20-2T



ML16-STAR-SW-20-6T



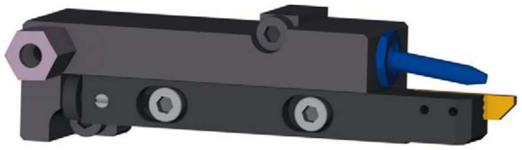
ML16-STAR-SW-20-2T

				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
2T	ML16-STAR-SW-20-2T	ML16	> 62	–	ML16-JET-7/16	14.98
6T	ML16-STAR-SW-20-6T			ML16-FIX-16/24		

Tornos

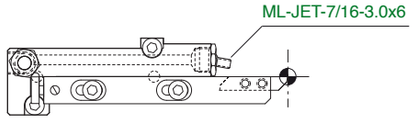
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
DECO7/10 - EvoDECO 10	ML12-DECO10-DUO	ML12	14.47
	ML12-DECO10-JET		
SWISS-NANO/SWISS-NANO7	ML12-SWISS-NANO-2T		14.50
	ML12-SWISS-NANO-3T		
	ML12-SWISS-NANO-6T		14.48
SWISS-NANO7	ML12-SWISS-NANO-7-4T		14.51
DT13	ML-DT13-2052104-9T		14.52
	ML12-DT13-2020206-9T		
CT20	ML12-CT20-2020019-7T		14.53
GT13	ML12-GT13-389104-3T		14.54
	ML12-GT13-390224-5T		
	ML12-GT13-390223-7T		
GT26	ML16-GT26-386210-5T	ML16	14.56
	ML16-GT26-386209-6T		
GT32	ML16-GT32-389210-4T		14.58
	ML16-GT32-389209-5T		
DECO13- EvoDECO16	ML16-DECO13-DUO		14.60
	ML16-DECO13-JET		
DECO20/26 - EvoDECO20/32	ML16-DECO20-DUO		14.61
	ML16-DECO20-JET		
SIGMA20/32	ML16-S20-DUO		14.62
	ML16-S20-JET		
SWISS ST26	ML16-SWISS-ST26-DUO		14.63
	ML16-SWISS-ST26-JET		
DT26	ML16-DT26-2020206-7T		14.64
	ML16-DT26-2052096-5T		14.65

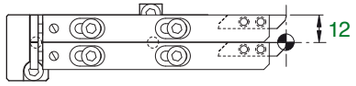
JET



DUO





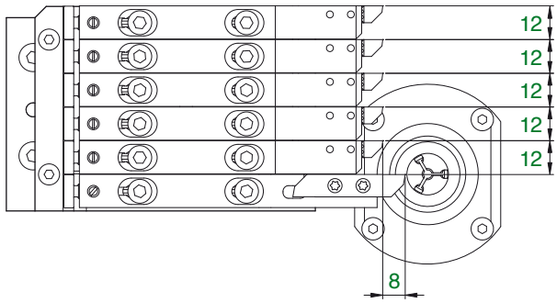


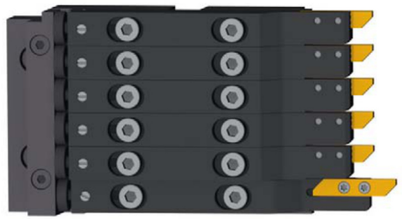




JET DUO

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML12-DECO10-JET	ML12	> 14.77	–	ML-JET-7/16…	14.98
DUO	ML12-DECO10-DUO				ML12-JET-5/16	





6T

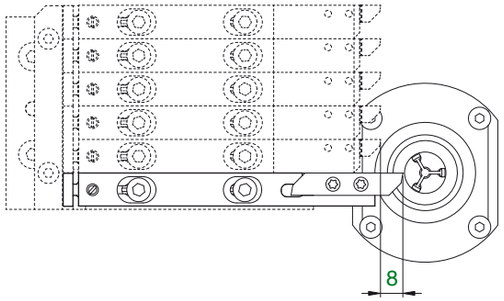


6T

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
6T	ML12-SWISS-NANO-6T	ML12	> 14.77	–	ML12-JET-5/16	14.98

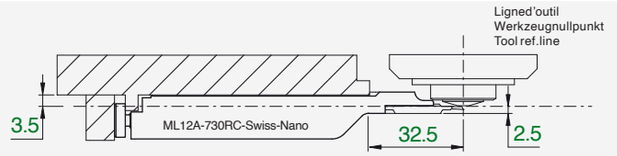
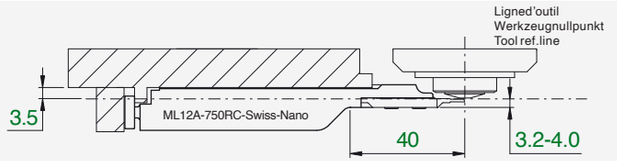
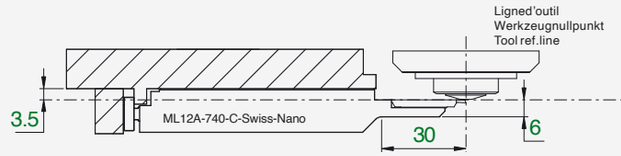
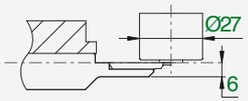
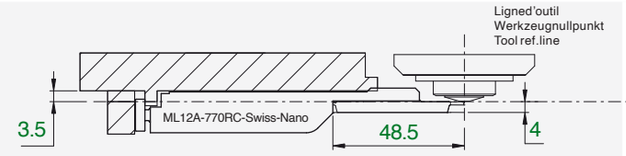
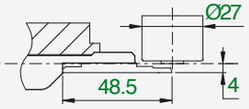
ML12

Tornos SwissNano
SwissNano 7

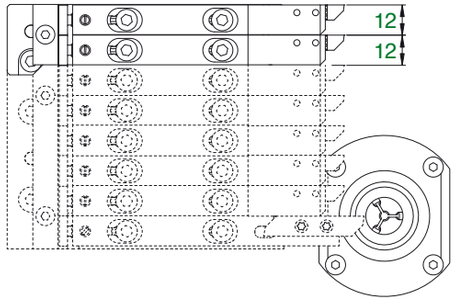




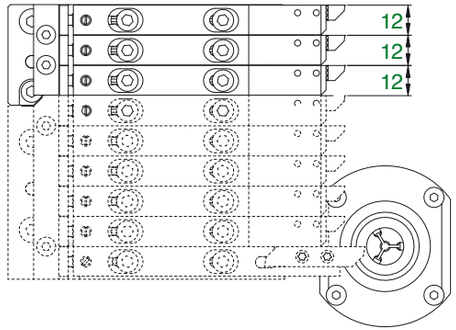
Zurück zum Kapitelanfang

avec canon mit Führungsbuchse with guide bush	avec pince mit Spannzange with collet
	———
	———
	
	

Type de machine Maschinen-Typ Type of machine	Porte-outils Halter Holders	Art. N°	Plaquettes Wendeplatten Inserts	Pages Seiten Pages
SwissNano	ML12	ML12A-730RC-SWISS-NANO	731R../ 731RSF	> TOP-Line TOP-Watch
		ML12A-750RC-SWISS-NANO	751R../ 751RDSF	
		ML12A-740-C-SWISS-NANO	741../ 741SF	
		ML12A-770RC-SWISS-NANO	771R...	> TOP-Line





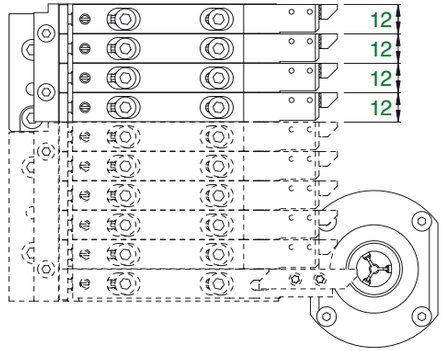





2T


3T

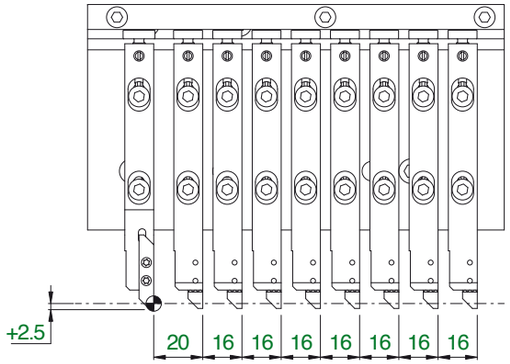
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
2T	ML12-SWISS-NANO-2T	ML12	> 14.77	–	ML12-JET-5/16	14.98
3T	ML12-SWISS-NANO-3T					







Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
4T	ML12-SWISS-NANO-7-4T	ML12	> 14.77	–	ML12-JET-5/16	14.98

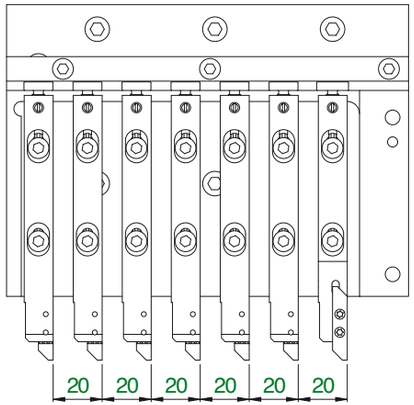






Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page	Type machine Maschinentyp Machine type
9T	ML12-DT13-2020206-9T	ML12	> 14.77	–	ML12-JET-5/16	14.98	DT 13
9T	ML12-DT13-2052104-9T	ML12	> 14.77	–	ML12-JET-5/16	14.98	DT 13 (S-HP)

Zurück zum Kapitelanfang





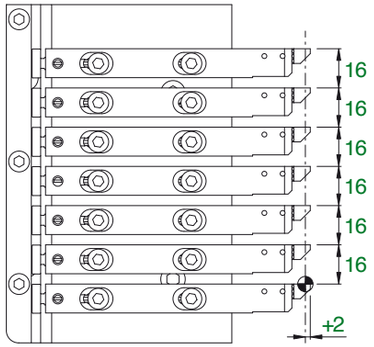


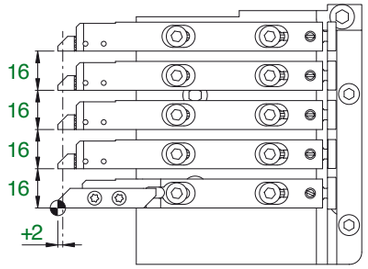
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
7T	ML12-CT20-2020019-7T	ML12	> 14.77	–	ML12-JET-5/16	14.98

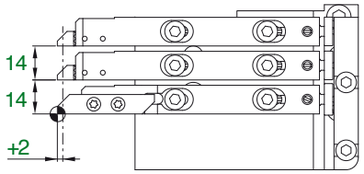
Tornos GT13

MODU-Line

ML12















ML12-GT13-390223-7T



ML12-GT13-390224-5T



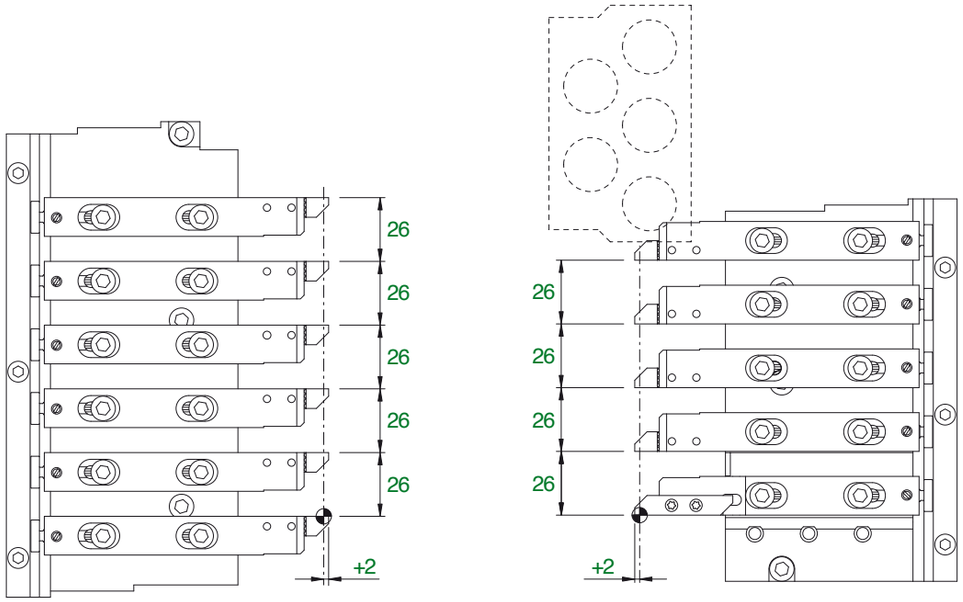
ML12-GT13-389104-3T

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories Page Seite Page
3T	ML12-GT13-389104-3T	ML12	> 14.77	–	ML12-JET-5/16	14.98
5T	ML12-GT13-390224-5T					
7T	ML12-GT13-390223-7T					

Tornos GT26

MODU-Line

ML16





ML16-GT26-386209-6T

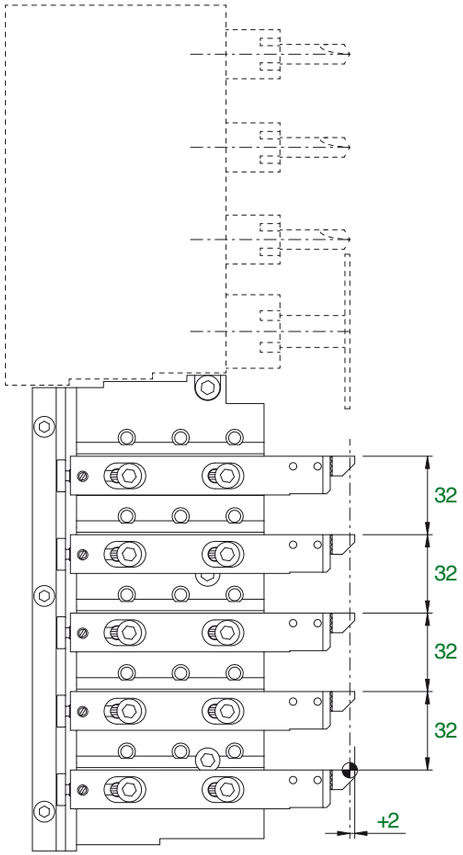


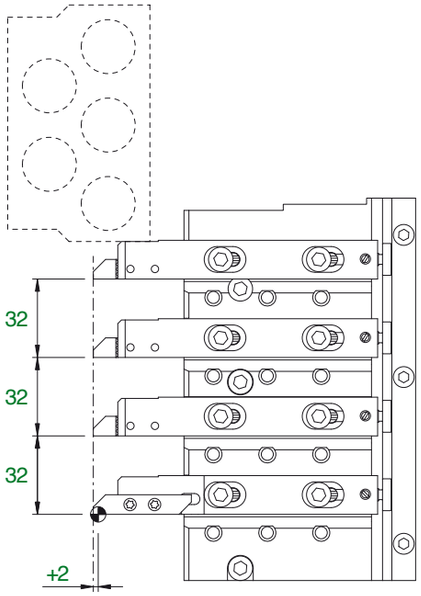
ML16-GT26-386210-5T



1 serrage ML16-FIX-16pour outil ◫ 16mm inclus
1 Spannung ML16-FIX-16 für Werkzeug ◫ 16 mm inbegriffen
1 clamping ML16-FIX-16for tool ◫ 16 mm included

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories Page Seite Page
5T	ML16-GT26-386210-5T	ML16	> 14.77	–	ML16-JET-7/16	14.98
6T	ML16-GT26-386209-6T					







ML16-GT32-386209-5T



ML16-GT32-386210-4T



Holder ML16



Holder ⎅16



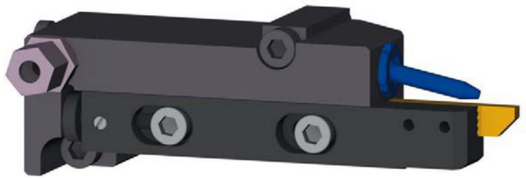
Holder ML16



Holder ⎅16

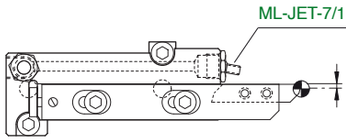
				Accessoires Zubehöre Accessories			
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit		Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Pages Seiten Pages
4T	ML16-GT32-386210-4T	ML16	> 14.77	1x inclus 1x inbegriffen 1x included	Option ML16-FIX-16	ML16-JET-7/16	14.98
5T	ML16-GT32-386209-5T						

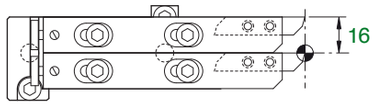
JET



DUO









JET



DUO

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-DECO13-JET	ML16	> 14.77	–	ML-JET-7/16…	14.98
DUO	ML16-DECO13-DUO				ML16-JET-7/16	14.98

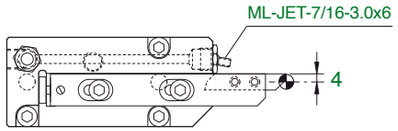
Zurück zum Kapitelanfang

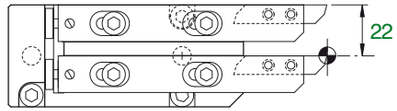
JET



DUO









JET



DUO

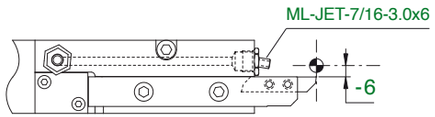
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-DECO20-JET	ML16	> 14.77	–	ML-JET-7/16…	14.98
DUO	ML16-DECO20-DUO				ML16-JET-7/16	14.98

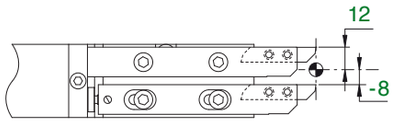
JET



DUO









JET



DUO

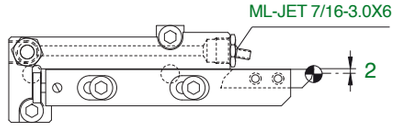
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-S20-JET	ML16	> 14.77	–	ML-JET-7/16…	14.98
DUO	ML16-S20-DUO				ML16-JET-7/16	14.98

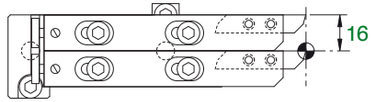
JET



DUO







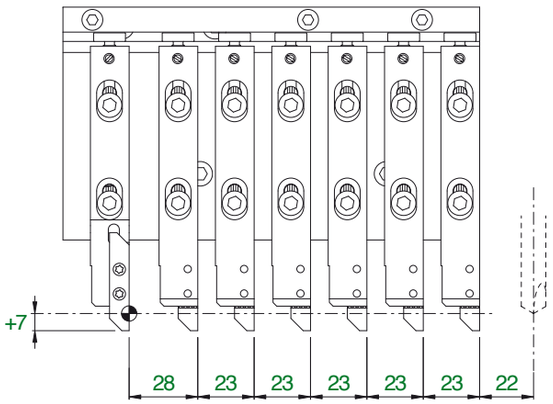


JET



DUO

Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
JET	ML16-SWISS-ST26-JET	ML16	> 14.77	–	ML-JET-7/16…	14.98
DUO	ML16-SWISS-ST26-DUO				ML16-JET-7/16	14.98





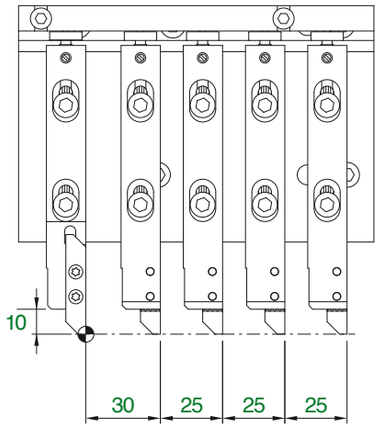


Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories Page Seite Page
7T	ML16-DT26-2020206-7T	ML16	> 14.77	–	ML16-JET-7/16	14.98

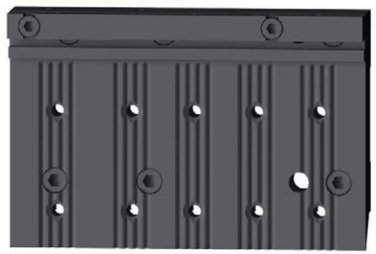
MODU-Line

ML16

Tornos DT26





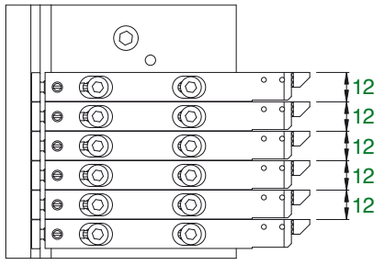


Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Accessoires Zubehöre Accessories Page Seite Page
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MODU-Line

Tsugami

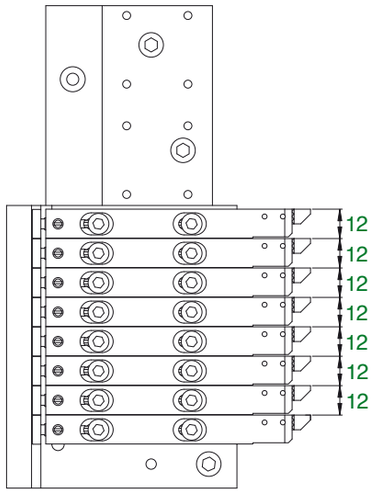
Machine Maschine Machine	Adaptations Anpassungen Adapters	Type Typ Type	Page Seite Page
B074	ML12-B074-1-6T	ML12	14.67
B075	ML12-B075-1-8T		14.68
P034	ML12-P034-1-5T		14.69
	ML12-P034-1-7T		14.70
	ML12-P034-2-4T		14.69
	ML12-P034-2-10T		14.70
P034-P036	0400-ML12-R0000C-3T		14.72
	0400-ML12-R0000C-5T		14.73







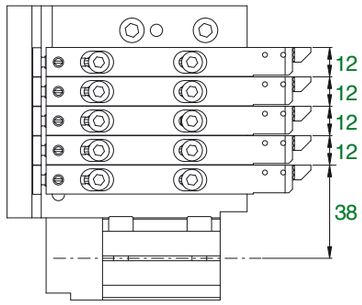
				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
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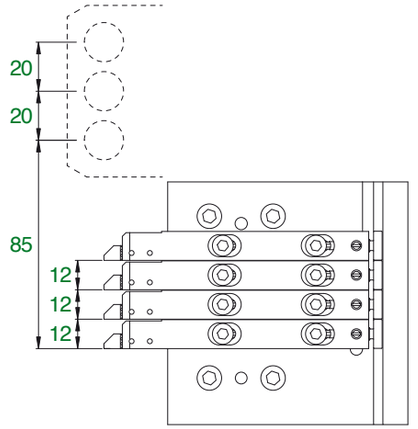
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
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ML12-P034-1-5T

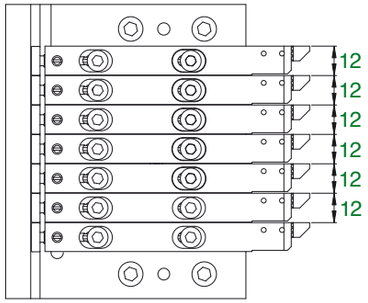


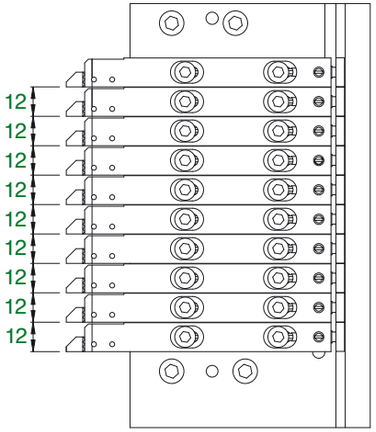




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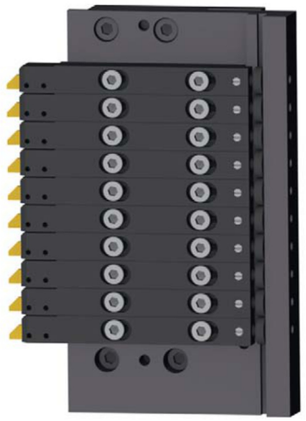
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
4T	ML12-P034-2-4T	ML12	> 14.77	–	ML12-JET-5/16	14.98
5T	ML12-P034-1-5T					







ML12-P034-1-7T



ML12-P034-2-10T

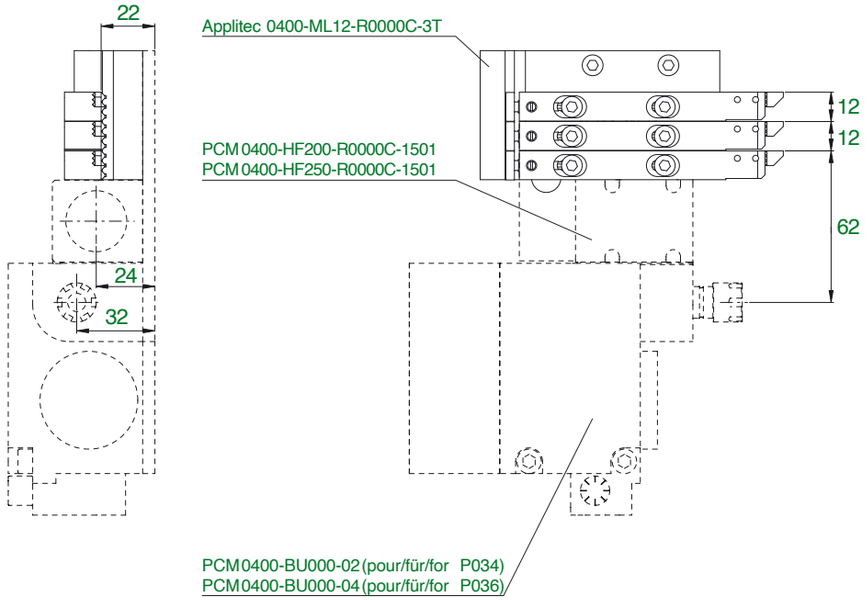


ML12-P034-1-7T



ML12-P034-2-10T

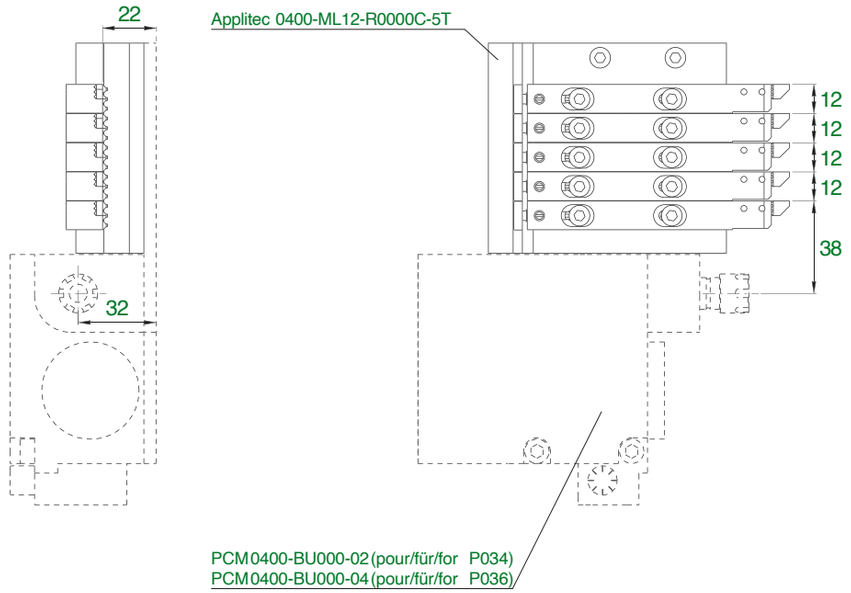
				Accessoires Zubehöre Accessories		
Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Module de serrage Spannelement Clamping unit	Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
7T	ML12-P034-1-7T	ML12	> 14.77	–	ML12-JET-5/16	14.98
10T	ML12-P034-2-10T					







Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
3T	0400-ML12-R0000C-3T	ML12	> 14.77	–	ML12-JET-5/16	14.98







Type Typ Type	Art. N°	Porte-outils Halter Holders	Pages Seiten Pages	Accessoires Zubehöre Accessories Module de serrage Spannelement Clamping unit	Accessoires Zubehöre Accessories Module d'arrosage Kühlmittelzufuhrelement Coolant supply unit	Page Seite Page
5T	0400-ML12-R0000C-5T	ML12	> 14.77	–	ML12-JET-5/16	14.98

Les différents types de porte-outils ML12 / ML16
Die verschiedenen Haltertypen ML12 / ML16
The various types of holders ML12 / ML16

Type Standard

ML...A-740





Type -D

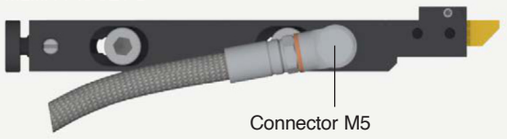
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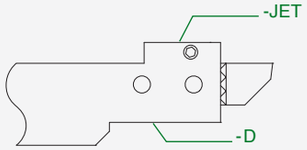




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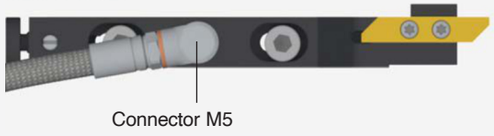
ML...A-740-JET-D

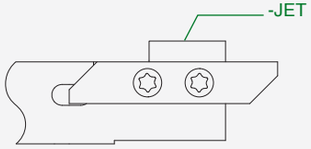




Type -JET

ML...A-740-JET



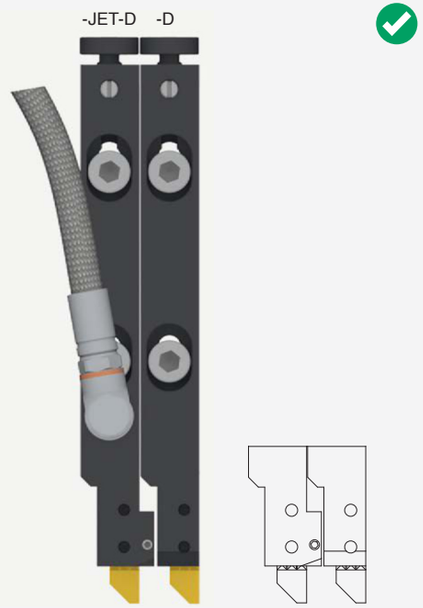


Zurück zum Kapitelanfang

MODU-Line
Porte-outils
Halter
Holders
Informations techniques
Technische Informationen
Technical information

Compatibilité
Kompatibilität
Compatibility

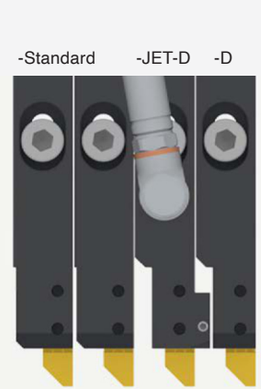
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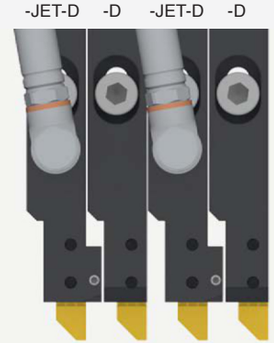
NOT OK



MIX



TYPE D



Porte-outils
Halter
Holders

Exceptions
Ausnahmen
Exceptions

Exception ML12



≥ 15 mm = Total compatibility

Exception ML16

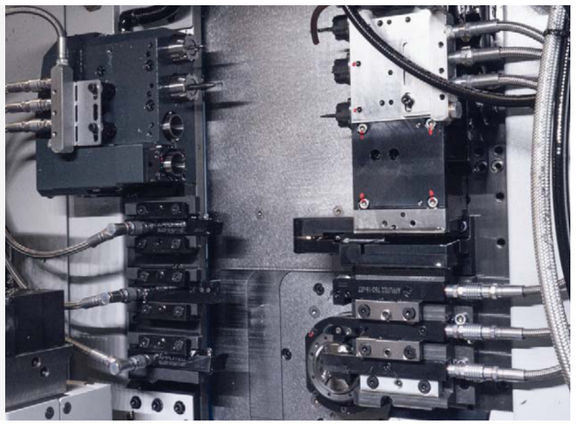


≥ 20 mm = Total compatibility

JET-Line:
Système de distribution du liquide de refroidissement pour haute pression
Voir chapitre JET-Line

JET-Line:
Kühlmittelverteilungssystem für hohen Druck
Siehe Kapitel JET-Line

JET-Line:
Coolant distribution system for high pressure
See chapter JET-Line

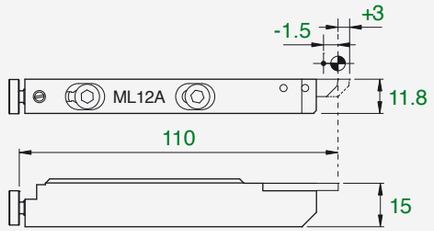


Système de fixation
Befestigungssystem
Clamping system

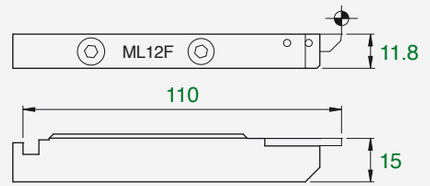
A = réglable / einstellbar / adjustable

F = longueur fixe / fixlänge / fixed length

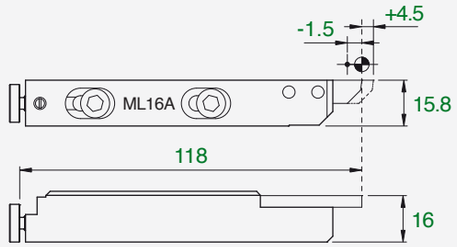
ML12A



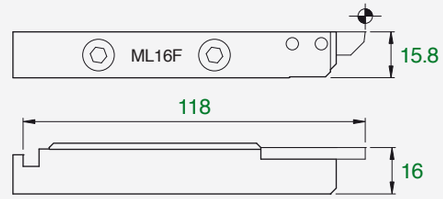
ML12F

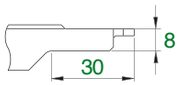


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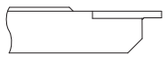
ML16F





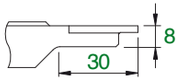
TOP-Line
731-737

Art. N°	-D Art. N°	Art. N°
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-	ML12A-730-C-D	-



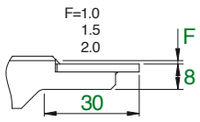
TOP-Line
741-747

Standard Art. N°	-D Art. N°	-JET-D Art. N°
ML12	ML12	ML12
ML12A-740	ML12A-740-D	ML12A-740-JET-D
ML12F-740	ML12F-740-D	-
ML16	ML16	ML16
ML16A-740	ML16A-740-D	ML16A-740-JET-D
ML16F-740	-	-



TOP-Line
741-747

ML12	ML12	ML12
ML12A-740-C	ML12A-740-C-D	ML12A-740-C-JET-D
ML12F-740-C	ML12F-740-C-D	-

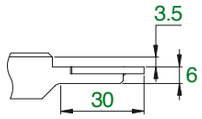


TOP-Line
741-747

ML12	ML12	ML12
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ML12A-740-ZD1.5-C	-	-
ML12A-740-ZD2.0-C	-	-

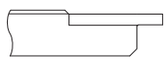
Zurück zum Kapitelanfang

Porte-plaquettes
WSP-Halter
Insert holders
MODU-Line
TOP-Line



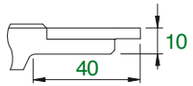
TOP-Line
741

Standard Art. N°	-D Art. N°	-JET-D Art. N°
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ML12A-740-C-SWISS-NANO	-	-



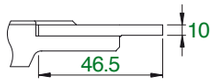
TOP-Line
761-767

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ML12F-760	ML12F-760-D	-
ML16	ML16	ML16
ML16A-760	ML16A-760-D	ML16A-760-JET-D
ML16F-760	-	-



TOP-Line
761-767

ML16	ML16	ML16
ML16A-760-C	ML16A-760-C-D	-
ML16F-760-C	-	-



TOP-Line
781

ML16	ML16	ML16
-	ML16A-780-C-D	-

Porte-plaquettes
WSP-Halter
Insert holders

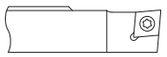


TURN-Line
347-349

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-340	ML12A-340-D	ML12A-340-JET-D
ML12F-340	ML12F-340-D	-
ML16	ML16	ML16
ML16A-340	ML16A-340-D	ML16A-340-JET-D
ML16F-340	-	-

Porte-plaquettes
WSP-Halter
Insert holders

80°



ISO-Line
CC..-09T3..

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SCLCR09	ML12A-SCLCR09-D	ML12A-SCLCR09-JET-D
ML12F-SCLCR09	ML12F-SCLCR09-D	-
ML16	ML16	ML16
ML16A-SCLCR09	ML16A-SCLCR09-D	ML16A-SCLCR09-JET-D
ML16F-SCLCR09	ML16F-SCLCR09-D	-

55°



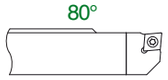
ISO-Line
DC..-0702..

ML16	ML16	ML16
ML16A-SDHCR07	-	ML16A-SDHCR07-JET-D

ISO-Line

Porte-plaquettes
WSP-Halter
Insert holders

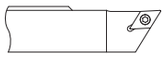
80°



ISO-Line
CC..-0602..

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SCLCR06	ML12A-SCLCR06-D	ML12A-SCLCR06-JET-D
ML12F-SCLCR06	ML12F-SCLCR06-D	-
ML16	ML16	ML16
ML16A-SCLCR06	ML16A-SCLCR06-D	ML16A-SCLCR06-JET-D
ML16F-SCLCR06	ML16F-SCLCR06-D	-

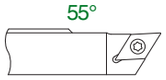
55°



ISO-Line
DC..-0702..

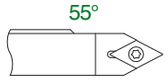
ML12	ML12	ML12
ML12A-SDJCR07	ML12A-SDJCR07-D	ML12A-SDJCR07-JET-D
ML12F-SDJCR07	ML12F-SDJCR07-D	-
ML16	ML16	ML16
ML16A-SDJCR07	ML16A-SDJCR07-D	ML16A-SDJCR07-JET-D
ML16F-SDJCR07	ML16F-SDJCR07-D	-

55°



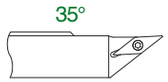
ISO-Line
DC..-11T3..

ML12	ML12	ML12
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ML12F-SDJCR11	ML12F-SDJCR11-D	-
ML16	ML16	ML16
ML16A-SDJCR11	ML16A-SDJCR11-D	ML16A-SDJCR11-JET-D
ML16F-SDJCR11	ML16F-SDJCR11-D	-



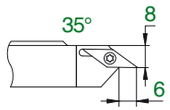
ISO-Line
DC..-11T3..

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SDNCN11	ML12A-SDNCN11-D	-
ML12F-SDNCN11	ML12F-SDNCN11-D	-
ML16	ML16	ML16
ML16A-SDNCN11	ML16A-SDNCN11-D	-
ML16F-SDNCN11	ML16F-SDNCN11-D	-



ISO-Line
VC..-1103..

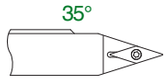
ML12	ML12	ML12
ML12A-SVJCR11	ML12A-SVJCR11-D	ML12A-SVJCR11-JET-D
ML12F-SVJCR11	ML12F-SVJCR11-D	-
ML16	ML16	ML16
ML16A-SVJCR11	ML16A-SVJCR11-D	ML16A-SVJCR11-JET-D
ML16F-SVJCR11	ML16F-SVJCR11-D	-



ISO-Line
VC..-1103..

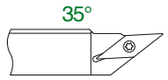
ML12	ML12	ML12
ML12A-SV-CR11	ML12A-SV-CR11-D	-
ML16	ML16	ML16
ML16A-SV-CR11	ML16A-SV-CR11-D	ML16A-SV-CR11-JET-D

MODU-Line
ISO-Line
Porte-plaquettes
WSP-Halter
Insert holders



ISO-Line
VC..-1103..

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SVVCN11	ML12A-SVVCN11-D	ML12A-SVVCN11-JET-D
ML12F-SVVCN11	ML12F-SVVCN11-D	-
ML16	ML16	ML16
ML16A-SVVCN11	ML16A-SVVCN11-D	ML16A-SVVCN11-JET-D
ML16F-SVVCN11	ML16F-SVVCN11-D	-

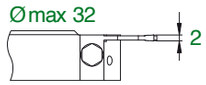


ISO-Line
VC..-1303..

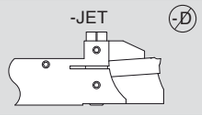
ML12	ML12	ML12
-	ML12A-SVJCR13-D	-
ML16	ML16	ML16
-	ML16A-SVJCR13-D	ML16A-SVJCR13-JET-D

Porte-plaquettes
WSP-Halter
Insert holders

EVOCUT-Line

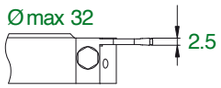


EVOCUT-Line
ET20..



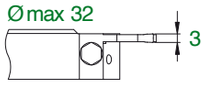
Art. N°	Art. N°	Art. N°
ML16	ML16	ML16
-	-	ML16A-ET20-JET32

Porte-plaquettes
WSP-Halter
Insert holders



EVOCUT-Line
ET25..

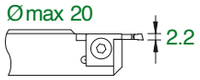
-JET -Ø		
Art. N°	Art. N°	Art. N°
ML16	ML16	ML16
-	-	ML16A-ET25-JET32



EVOCUT-Line
ET30..

ML16	ML16	ML16
-	-	ML16A-ET30-JET32

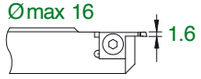
Porte-plaquettes
WSP-Halter
Insert holders



CUT-Line
CUT22..

Standard		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-CUT22	-	-
ML12F-CUT22	-	-
ML16	ML16	ML16
ML16A-CUT22	-	-
ML16F-CUT22	-	-

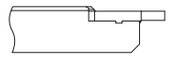
Porte-plaquettes
WSP-Halter
Insert holders



CUT-Line
CUT16..

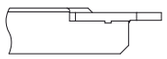
Standard		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-CUT16	-	-
ML12F-CUT16	-	-
ML16	ML16	ML16
ML16A-CUT16	-	-
ML16F-CUT16	-	-

Porte-plaquettes
WSP-Halter
Insert holders



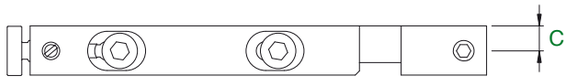
PRO-Line
642-647

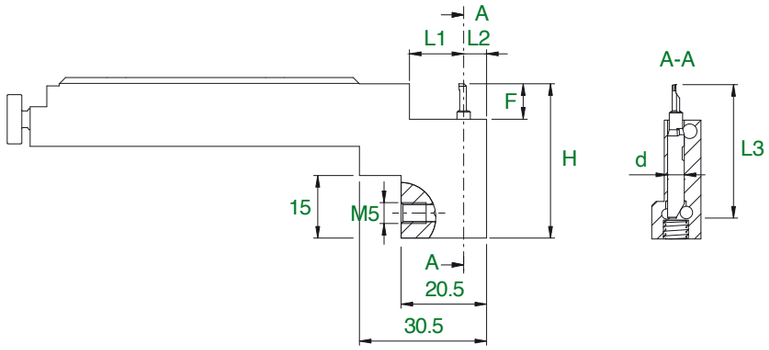
	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-640-D	ML12A-640-JET-D
ML16	ML16	ML16
–	ML16A-640-D	ML16A-640-JET-D



PRO-Line
661

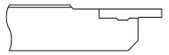
	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-660-D	ML12A-660-JET-D
ML16	ML16	ML16
-	ML16A-660-D	ML16A-660-JET-D



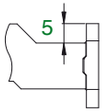


ECO-Line

Porte-plaquettes
WSP-Halter
Insert holders



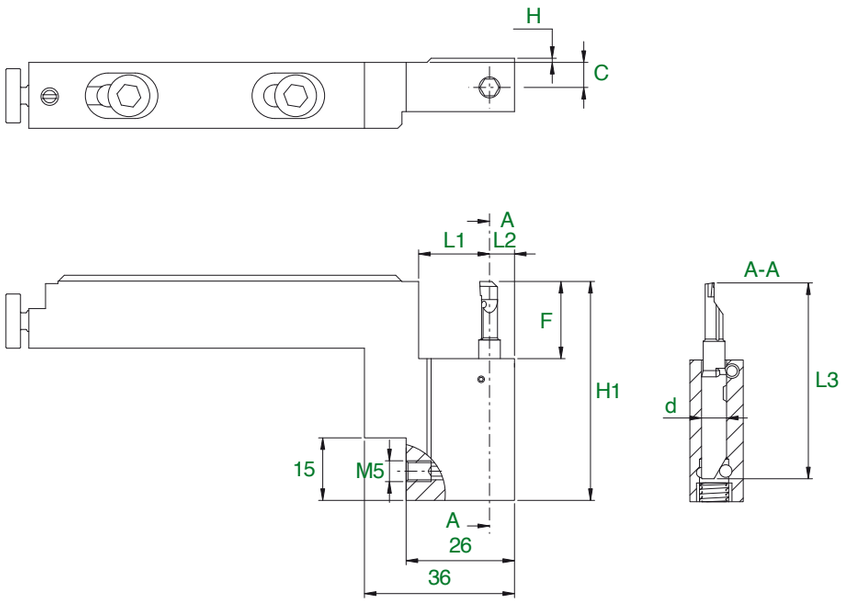
ECO-Line
261-266



ECO-Line
251RFG

	Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°	
ML12	ML12	ML12	
ML12A-260	ML12A-260-D	ML12A-260-JET-D	
ML12F-260	ML12F-260-D	-	
ML16	ML16	ML16	
ML16A-260	ML16A-260-D	ML16A-260-JET-D	
ML16F-260	-	-	
ML12	ML12	ML12	
ML12A-250RFG	-	-	

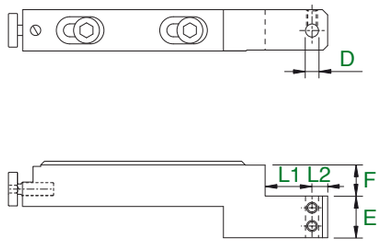
								ML12
d	Compatible bars	L3	F	H	C	L1	L2	Art. N°
4	BB4R… BF4R…	32	8.5	37	6	13	5.5	ML12A-BHK4N-32R-D
		37	13.5	42	6	13	5.5	ML12A-BHK4N-37R-D
		42	18.5	47	6	13	5.5	ML12A-BHK4N-42R-D



									ML16
d	Compatible bars	L3	F	H1	C	H	L1	L2	Art. N°
4	BB4R… BF4R…	32	8.5	37	6	-	17.5	5.5	ML16A-BHK4N-32R-D
		37	13.5	42	6	-	17.5	5.5	ML16A-BHK4N-37R-D
		42	18.5	47	6	-	17.5	5.5	ML16A-BHK4N-42R-D

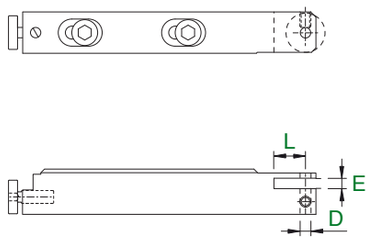
									ML16
d	Compatible bars	L3	F	H1	C	H	L1	L2	Art. N°
6	BB4R… BF4R…	47	18.5	52.5	6	1	17	6	ML16A-BHK6N-47R-D
		57	28.5	62.5	6	1	17	6	ML16A-BHK6N-57R-D

Zurück zum Kapitelanfang



					ML12
F	D	E	L1	L2	Art. N°
8	3	12	13	6	ML12A-2440-8-3
8	4	12	13	6	ML12A-2440-8-4
8	5	12	13	6	ML12A-2440-8-5
12	6	12	13	6	ML12A-2440-12-6

					ML16
F	D	E	L1	L2	Art. N°
12	3	16	18	6	ML16A-2440-12-3
12	4	16	18	6	ML16A-2440-12-4
12	5	16	18	6	ML16A-2440-12-5
12	6	16	18	6	ML16A-2440-12-6
18	8	16	18	6	ML16A-2440-18-8



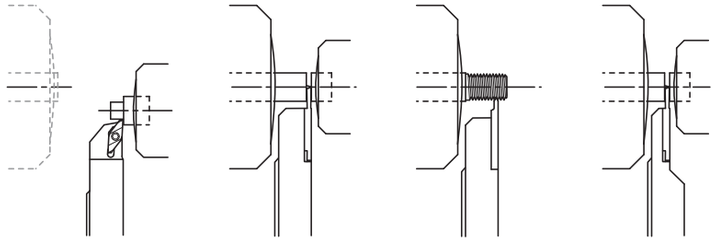
			ML12
E	D	L	Art. N°
4	4	8	ML12A-2402-44

			ML16
E	D	L	Art. N°
4	4	11	ML16A-2402-44

Coupe à droite déportée ou usinage à gauche sur contre-broche

Rechtsschneidend versetzt oder linksschneidend auf Gegenspindel

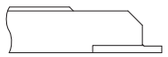
Right hand cut off line or left hand cut on subspindle



TURN-Line ISO-Line	TOP-Line EVOCUT-Line CUT-Line PRO-Line ECO-Line	TOP-Line EVOCUT-Line CUT-Line PRO-Line ECO-Line	TOP-Line PRO-Line ECO-Line

TOP-Line

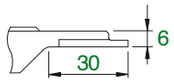
Porte-plaquettes – Coupedéportée & contre-opération
WSP-Halter – Versetztes Schneiden & Gegenspindel
Insert holders – Cut off line & cut on subspindle



TOP-Line
731-737

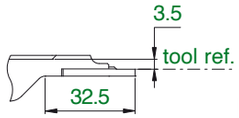
Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-730-V	ML12A-730-V-D	ML12A-730-V-JET-D
ML16	ML16	ML16
ML16A-730-V	ML16A-730-V-D	ML16A-730-V-JET-D

Zurück zum Kapitelanfang



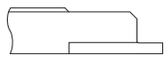
TOP-Line
731R

Standard	-D	-JET	-JET-D
Art. N°	Art. N°	Art. N°	
ML12	ML12	ML12	
ML12A-730RC	-	ML12A-730RC-JET	
ML16	ML16	ML16	ML16
ML16A-730RC	ML16A-730RC-D	ML16A-730RC-JET-D	



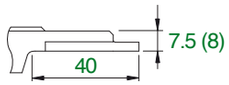
TOP-Line
731R

ML12	ML12	ML12
ML12A-730RC-R04	-	-
ML12A-730RC-SWISS-NANO	-	-



TOP-Line
751-757

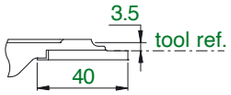
ML12	ML12	ML12
ML12A-750-V	ML12A-750-V-D	ML12A-750-V-JET-D
ML16	ML16	ML16
ML16A-750-V	ML16A-750-V-D	ML16A-750-V-JET-D



TOP-Line
751R

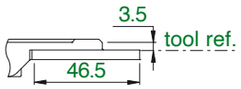
ML12	ML12	ML12
ML12A-750RC	-	ML12A-750RC-JET
ML16	ML16	ML16
ML16A-750RC	ML16A-750RC-D	ML16A-750RC-JET-D

Porte-plaquettes – Coupedéportée & contre-opération
WSP-Halter – Versetztes Schneiden & Gegenspindel
Insert holders – Cut off line & cut on subspindle



TOP-Line
751R

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-750RC-R04	-	-
ML12A-750RC-SWISS-NANO	-	-



TOP-Line
771R

ML12	ML12	ML12
ML12A-770RC-SWISS-NANO	-	-



TOP-Line
770

ML16	ML16	ML16
-	-	ML16A-770-V-JET-D

TURN-Line

Porte-plaquettes – Contre-opération
WSP-Halter – Gegenspindel
Insert holders – Cut on subspindle

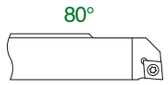


TURN-Line
337-339

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-330-V	ML12A-330-V-D	ML12A-330-V-JET-D
ML16	ML16	ML16
ML16A-330-V	ML16A-330-V-D	ML16A-330-V-JET-D

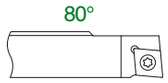
Zurück zum Kapitelanfang

Porte-plaquettes – Contre-opération
WSP-Halter – Gegenspindel
Insert holders – Cut on subspindle



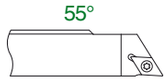
ISO-Line
CC..-0602..

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-SCLCL06-V-D	ML12A-SCLCL06-V-JET-D
ML16	ML16	ML16
-	ML16A-SCLCL06-V-D	ML16A-SCLCL06-V-JET-D



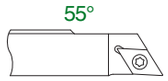
ISO-Line
CC..-9T3..

ML12	ML12	ML12
-	ML12A-SCLCL09-V-D	ML12A-SCLCL09-V-JET-D
ML16	ML16	ML16
-	ML16A-SCLCL09-V-D	ML16A-SCLCL09-V-JET-D



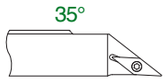
ISO-Line
DC..-0702..

ML12	ML12	ML12
-	ML12A-SDJCL07-V-D	ML12A-SDJCL07-V-JET-D
ML16	ML16	ML16
-	ML16A-SDJCL07-V-D	ML16A-SDJCL07-V-JET-D



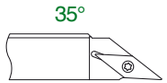
ISO-Line
DC..-11T3..

ML12	ML12	ML12
ML12A-SDJCL11-V	ML12A-SDJCL11-V-D	ML12A-SDJCL11-V-JET-D
ML16	ML16	ML16
ML16A-SDJCL11-V	ML16A-SDJCL11-V-D	ML16A-SDJCL11-V-JET-D



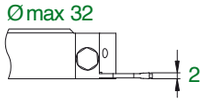
ISO-Line
VC..-1103..

Standard	-D	-JET-D
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-SVJCL11-V	ML12A-SVJCL11-V-D	ML12A-SVJCL11-V-JET-D
ML16	ML16	ML16
ML16A-SVJCL11-V	ML16A-SVJCL11-V-D	ML16A-SVJCL11-V-JET-D



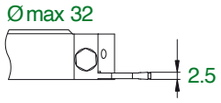
ISO-Line
VC..-1303..

ML12	ML12	ML12
-	ML12A-SVJCL13-V-D	-
ML16	ML16	ML16
-	ML16A-SVJCL13-V-D	ML16A-SVJCL13-V-JET-D



EVOCUT-Line
ET20

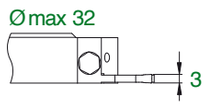
-JET -Ø		
Art. N°	Art. N°	Art. N°
ML16	ML16	ML16
-	-	ML16A-ET20-V-JET32



EVOCUT-Line
ET25

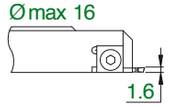
ML16	ML16	ML16
-	-	ML16A-ET25-V-JET32

Zurück zum Kapitelanfang



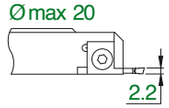
EVOCUT-Line
ET30

-JET -Ø		
ML16	ML16	ML16
-	-	ML16A-ET30-V-JET32



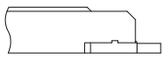
CUT-Line
CUT16

Standard		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-CUT16-V	-	-
ML12F-CUT16-V	-	-
ML16	ML16	ML16
ML16A-CUT16-V	-	-
ML16F-CUT16-V	-	-

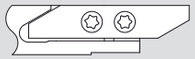
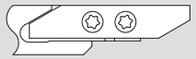
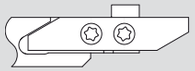


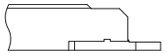
CUT-Line
CUT22

ML12	ML12	ML12
ML12A-CUT22-V	-	-
ML12F-CUT22-V	-	-
ML16	ML16	ML16
ML16A-CUT22-V	-	-
ML16F-CUT22-V	-	-



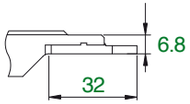
PRO-Line
632-636

Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
-	ML12A-630-V-D	ML12A-630-V-JET-D
ML16	ML16	ML16
-	ML16A-630-V-D	ML16A-630-V-JET-D



PRO-Line
651R

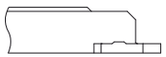
ML12	ML12	ML12
-	ML12A-650-V-D	ML12A-650-V-JET-D
ML16	ML16	ML16
-	ML16A-650-V-D	ML16A-650-V-JET-D



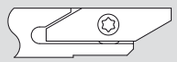
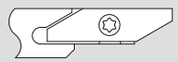
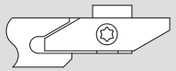
PRO-Line
651R

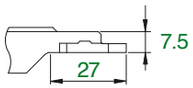
ML12	ML12	ML12
ML12A-650RC	ML12A-650RC-D	-
ML16	ML16	ML16
-	ML16A-650RC-D	ML16A-650RC-JET-D

Zurück zum Kapitelanfang



ECO-Line
251-261

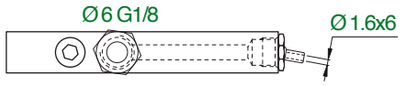
Standard	-D	-JET-D
		
Art. N°	Art. N°	Art. N°
ML12	ML12	ML12
ML12A-250-V	ML12A-250-V-D	ML12A-250-V-JET-D
ML16	ML16	ML16
ML16A-250-V	ML16A-250-V-D	ML16A-250-V-JET-D



ECO-Line
251R

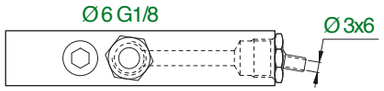
ML12	ML12	ML12
-	ML12A-250RC-D	-
ML16	ML16	ML16
-	ML16A-250RC-D	-

ML12



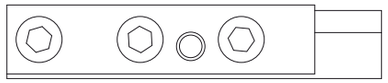
Raccord Anschluss Connection	Buses d'arrosage Kühlmitteldüse Coolant nozzles	ML12 Art. N°
Ø 6 G 1/8	5/16"	ML12-JET-5/16

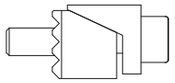
ML16



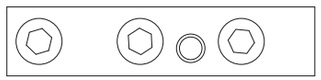
Raccord Anschluss Connection	Buses d'arrosage Kühlmitteldüse Coolant nozzles	ML16 Art. N°
Ø 6 G 1/8	7/16"	ML16-JET-7/16

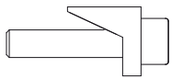
buses optionnelles voir page 14.99
zusätzliche Düsen siehe Seite 14.99
optional nozzles see page 14.99





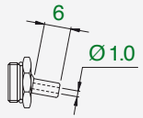
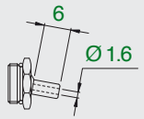
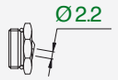
ML12 Art. N°	ML16 Art. N°
ML12-FIX-12/14	ML16-FIX-16/16
–	ML16-FIX-16/16.5
–	ML16-FIX-16/17
–	ML16-FIX-16/20
–	ML16-FIX-16/22
–	ML16-FIX-16/24

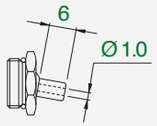
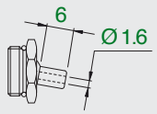
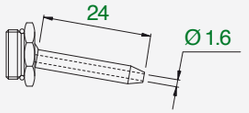
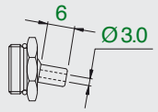




ML12 Art. N°	ML16 Art. N°
ML12-FIX-12	ML16-FIX-16

Zurück zum Kapitelanfang

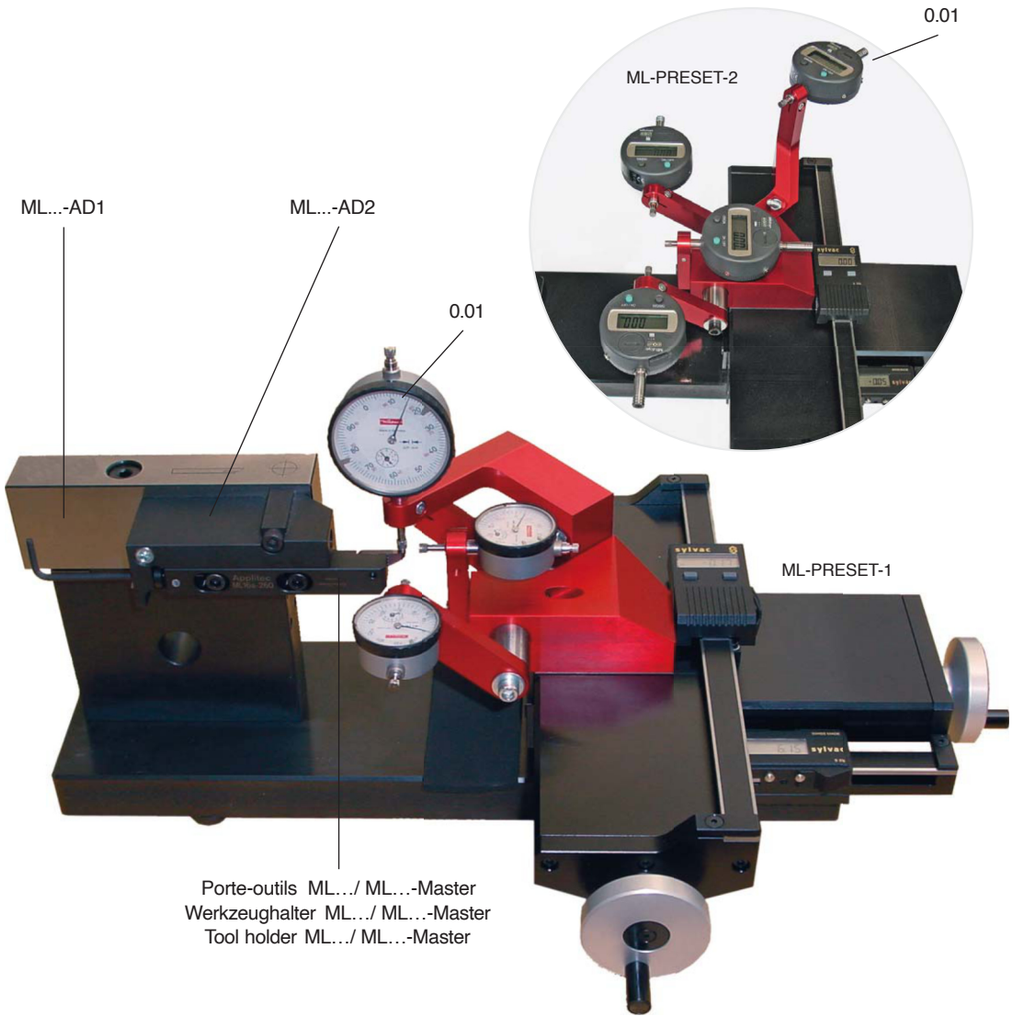
5/16"	Art. N°	Références compatibles Kompatible Artikeln Compatible items
	ML-JET-5/16-1.0X6	ML12-JET-5/1.6 une buse ML-JET-5/16-1.6x6 est comprise eine Düse ML-JET-5/16-1.6x6 ist inbegriffen a nozzle ML-JET-5/16-1.6x6 is included
	ML-JET-5/16-1.6X6	
	ML-JET-5/16-2.2X0	

7/16"	Art. N°	Références compatibles Kompatible Artikeln Compatible items
	ML-JET-7/16-1.0X6	ML16-KMX26-JET ML16-JET-7/16 ML12-DECO10-JET ML16-DECO13-JET ML16-DECO20-JET ML16-S20-JET ML16-SWISS-ST26-JET une buse ML-JET-7/16-3.0x6 est comprise avec chaque article ci-dessus eine Düse ML-JET-7/16-3.0x6 ist mit jedem vorstehenden Artikel inbegriffen a nozzle ML-JET-7/16-3.0x6 is included with each above item
	ML-JET-7/16-1.6X6	
	ML-JET-7/16-1.6X24	
	ML-JET-7/16-3.0X6	

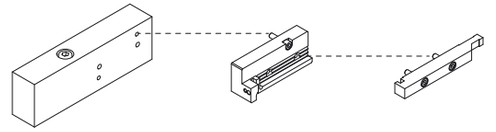
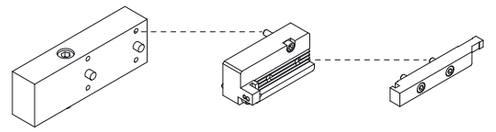
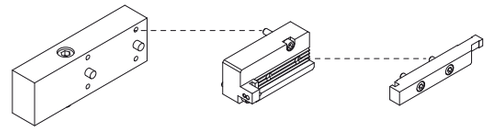
Bancs de préréglage
Voreinstellgeräte
Presetting devices

MODU-Line

ML12 / ML16



Art. N°
ML-PRESET-1
ML-PRESET-2

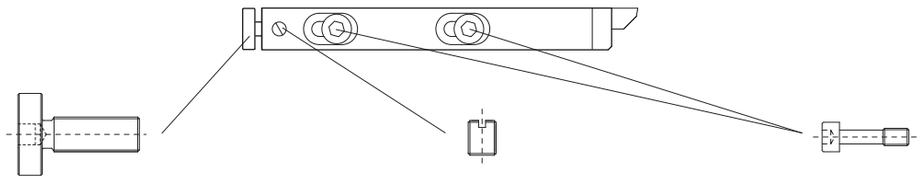
Type Typ Type	Fabricant Hersteller Manufacturer	Machines Maschinen Machines	Adaptateurs et jauges d'étalonnage Adapter und Einstellehre Adaptators and master gauges
ML12	CITIZEN	C12/C16	 ML12-AD1 ML12-AD2 ML12-MASTER
		L12-1M7	
		L12-2M10	
		M16 V/VIII	
		R04	
		R07	
	HANWHA	XD10	
		XD20M	
	METAFIL	D3/D10/D13	
	STAR	SB-12RG	
		SL-7/10	
		SR10-J	
		SW-12RII	
	TORNOS	DECO7/10 - EvoDECO10	
		SwissNano/SwissNano 7	
		DT13	
		CT20	
		GT13	
	TSUGAMI	B074	
		B075	
		P034	
		P034-P036	
ML16	CITIZEN	K12/K16/K12E/K16E	 ML16/20-AD1 ML16-AD2 ML16-MASTER
		L20E-1M8/L20X-1M10/L20-2M8/2M12	
		L20E-3M	
	HANWHA	SL12/16	
	MANUHRIN	KMX426/526/626/Swing 20-26 MM	
	STAR	SA-12/SA-16/SA-16R	
		SB-16	
		SB-16/20RG	
		SB-20C/E	
		SR-16R/SR-20R/SR-20RII	
		SR-20J/SR-20RIII	
		SR-20JII-A/B	
		SR-20RIII/SR-20J	
		SR-20RIV	
		SR-32J	
		SV-12/20/ SV-20R	
		SW-20	
	TORNOS	DECO20/26 - EvoDECO20/32	
		SIGMA20/32	
		DT26	
		GT26	
		GT32	
ML16	TORNOS	DECO13-EvoDECO16	 ML16-DECO13-AD1 ML16-DECO13-AD2 ML16-MASTER
		Swiss ST26	

MODU-Line

ML12 / ML16

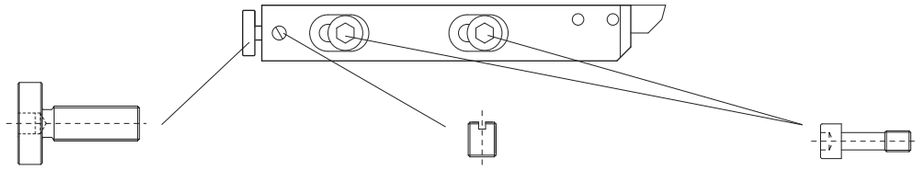
Pièces de rechange et accessoires
Ersatzteile und Zubehör
Spare parts and accessories

ML12



Vis de réglage Einstellungsschraube Setting screw	Vis de blocage Blockierschraube Locking screw	Vis de fixation Befestigungsschraube Fixing screw
Art. N°	Art. N°	Art. N°
ML12A-M5X0.5	ML-M4X4-T	ML12-M5XL20

ML16

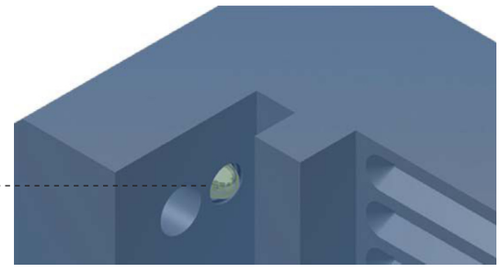


Vis de réglage Einstellungsschraube Setting screw	Vis de blocage Blockierschraube Locking screw	Vis de fixation Befestigungsschraube Fixing screw
Art. N°	Art. N°	Art. N°
ML16A-M5X0.5	ML-M4X4-T	ML16/20-M6XL20

Art. N°
ML-205004



Butée à ressort
Federnde Schraube
Spring bumper



Porte-outils Halter Holders					Options	
						
ML…250	V-M4X9-T15	-	-	-	-	C-T15
ML…260						
ML…330	V-M2.5X7.8-T8	-	-	-	-	C-T8
ML…340						
ML…630	V-M4X9-T15	-	-	-	-	C-T15
ML…640						
ML…650						
ML…650RC	V-M4X6.5-T15					
ML…660	V-M4X9-T15					
ML…730	V-M3X7-T8	-	-	-	-	C-T8
ML…730RC	V-M3X5.5-T8					
ML…730RC-R04	V-M3X4.5-T8 V-M3X7-T8					
ML…730RC-SWISS-NANO	V-M3X4.5-T8 V-M3X7-T8					
ML…740	V-M3X7-T8					
ML…750	V-M4X9-T15	-	-	-	-	C-T15
ML…750RC	V-M4X7.3-T15					
ML…750RC-R04	V-M4X5.6-T15 V-M4X7.3-T15					
ML…750RC-SWISS-NANO	V-M4X5.6-T15 V-M4X7.3-T15					
ML…760	V-M4X9-T15					
ML…770RC-SWISS-NANO	V-M4X7.3-T15					
ML…780	V-M4X9-T15					
ML…SC…06	V-M2.5X5.8-T8	-	-	-	-	C-T8
ML…SC…09	V-M4X7-T15-ISO	-	-	-	-	C-T15
ML…-SD…07	V-M2.5X7.8-T8	-	-	-	-	C-T8
ML…-SD…07-D	V-M2.5X5.8-T8					
ML12…-SDJ…11	V-M4X7-T15-ISO	-	-	-	-	C-T15
ML12…-SDN…11	V-M4X9-T15-ISO					
ML16…-SD…11						
ML…-SV…11	V-M2.5X7.8-T8	-	-	-	-	C-T8
ML…-SV…13	V-M3X7.3-T8-ISO					
ML…-CUT16	-	-	CUT16RS-SET	-	-	-
ML…-CUT16-V	-	-	CUT16LS-SET	-	-	-
ML…-CUT22	-	-	CUT22RS-SET	-	-	-
ML…-CUT16-V	-	-	CUT22LS-SET	-	-	-
ML16...-ET…JET32	-	-	-	-	-	-
ML16...-ET... V-JET32	-	-	-	V-M5X21-6P7-J	C-6PEX-7.0	-
ML...-BHK	V-BHK-M4X0.5-T8		-			-
ML12A-2440-8-3	-	V-M3X4-BN24	-	-	-	-
ML12A-2440-8-4		V-M4X5-BN24				
ML12A-2440-8-5		V-M4X5-BN25				
ML12A-2440-12-6		V-M4X5-BN24				
ML16A-2440-12-3		V-M3X5-BN24				
ML16A-2440-12-4		V-M4X6-BN24				
ML16A-2440-12-5		V-M4X5-BN24				
ML16A-2440-12-6		V-M4X5-BN24				
ML16A-2440-18-8		V-M4X5-BN25				