



serge meister  **sa**
PRECISION CARBIDE TOOLS

2020



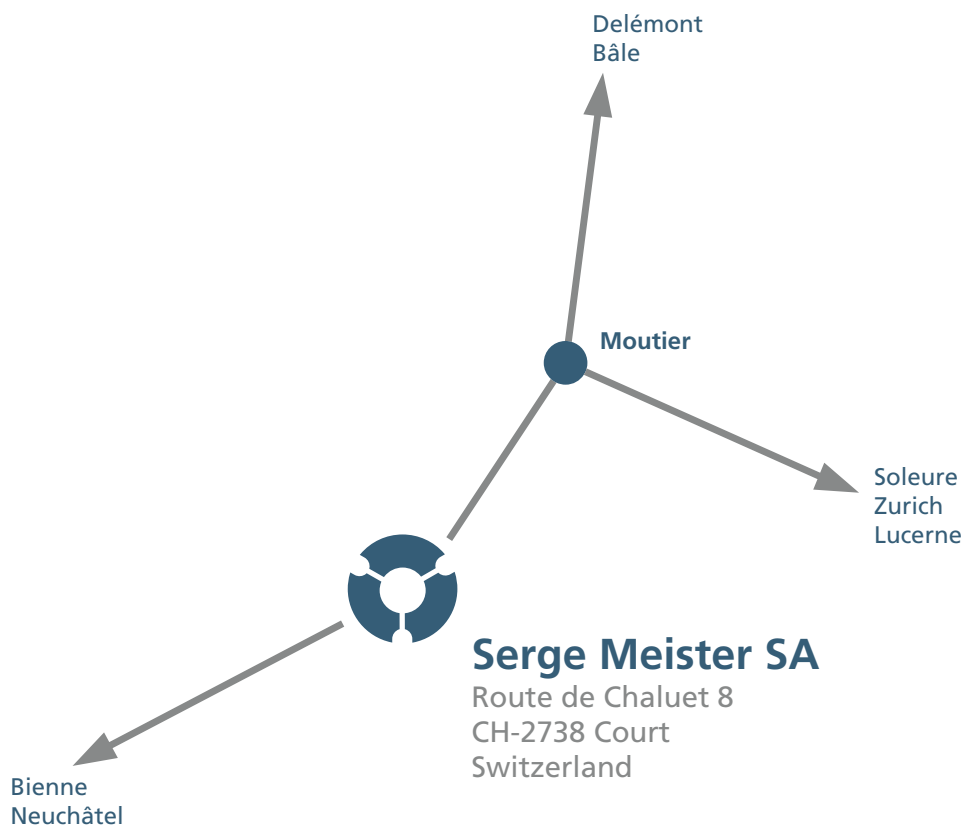
serge meister  **sa**
PRECISION CARBIDE TOOLS



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Contact Serge Meister



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07:00 - 11:30 / 13:30 - 16:00



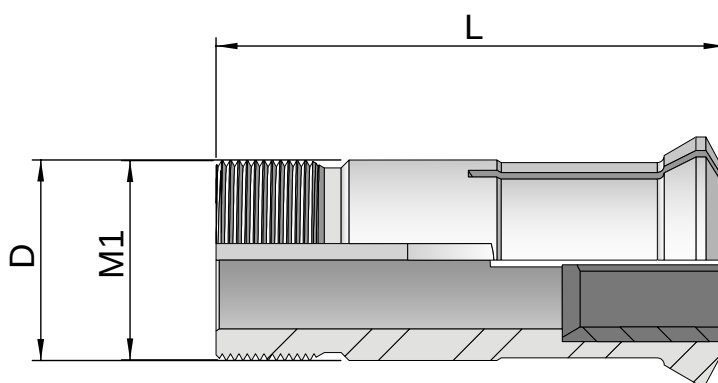
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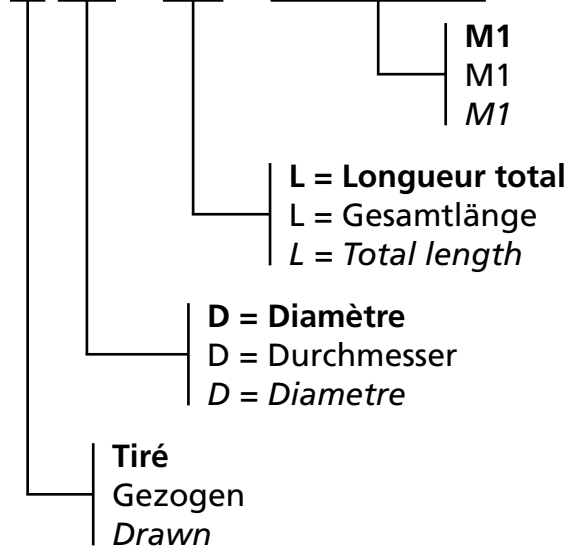


info@meister-sa.ch

Canons		Führungsbüchsen	Guide bushes
T	= Tiré	Gezogen	<i>Drawn</i>
PO	= Poussé	Gestossen	<i>Pushed</i>
FI	= Fixe	Fest	<i>Plain</i>
MAG	= Magic	Magic	<i>Magic</i>
ES	= ESCO	ESCO	<i>ESCO</i>
TOR	= TOR 4	TOR 4	<i>TOR 4</i>
TOP	= TOP	TOP	<i>TOP</i>
AUT	= Automatique	Automatisch	<i>Automatic</i>
PD	= Porte Douille	Hülsen-Halter	<i>Sleeve holder</i>

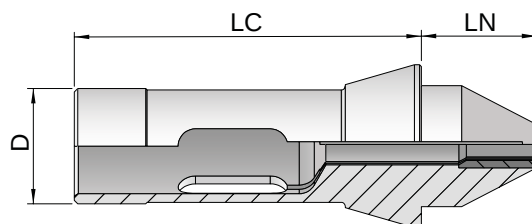


T 11 - 53 - M10.080



Exemple : 605 = T24-61

Pinces	Spannzangen	Collets
F = Pinces poussées F	Druckspannzangen F	Dead length collets F
W = Pinces tirées W	Zugspannzangen W	Pull-type collets W
B = Pinces tirées B	Zugspannzangen B	Pull-type collets B
P = Pinces tirées P	Zugspannzangen P	Pull-type collets P
PR = Pinces tirées PR	Zugspannzangen PR	Pull-type collets PR
L = Lambert	Lambert	Lambert
MS = MultiSwiss	MultiSwiss	MultiSwiss
DC = Double cône	Doppelkegel	Double cone
PC = Pinces de ravitaillement	Span. Stangenlader	
TB = Transporteur B	Transport B	Transporter B
TT = Transporteur T	Transport T	Transporter T
ROL8 = Rol 8	Rol 8	Rol 8
TOR4 = Tor 4	Tor 4	Tor 4
LNS = LNS	LNS	LNS
EXP = Expansible	Dehnbar	Expanding



F 20 - 49 - 15

LN = Longueur du nez
 LN = Nasenlänge
 LN = Nose length

LC = Longueur corps
 LC = Gesamtlänge
 LC = Total length

D = Diamètre
 D = Durchmesser
 D = Diameter

Pince poussée F
 Druckspannzangen F
 Dead length collets F

F10-42

F (Normal) / D=10 / LC=42

F10-42-10

F (Long Nez) / D=10 / LC=42 / LN=10



- 1948**  **Serge Meister fonde la société Serge Meister SA à Court, Suisse.**
Serge Meister gründet die Firma Serge Meister AG in Court, Schweiz.
Foundation of Serge Meister SA by Serge Meister in Court, Switzerland.
- 1953**  **Création de l'appareil à meuler et le canon tournant à paliers lisses en métal dur.**
Entwicklung des Schleifapparats und der Führungsbüchse mit einem Gleitlager aus Hartmetall.
Creation of the grinding unit and the rotating carbide lined guide bushes.
- 1981**  **Agrandissement de l'usine, la surface est doublée.**
Erweiterung des Werks, die Produktionsfläche wird verdoppelt.
Factory expansion. Its area is doubled.
- 1987**  **Jean-Pierre Meyer et Paul Leuenberger reprennent la direction de Serge Meister SA.**
Jean-Pierre Meyer und Paul Leuenberger übernehmen gemeinsam die Firmenleitung der Serge Meister AG.
Jean-Pierre Meyer and Paul Leuenberger take the direction of Serge Meister SA.
- 1992**  **Serge Meister décède à l'âge de 73 ans.**
Serge Meister verstirbt im Alter von 73 Jahren.
Serge Meister dies at age 73.
- 2006**  **Déménagement et agrandissement de Serge Meister SA à Court, Route de Chaluët 8.**
Erweiterung und Verlagerung der Serge Meister AG an die Route de Chaluët 8 in Court.
Serge Meister SA moves to Court Route de Chaluët 8, expanding its surface.
- 2007**  **Après plus de 25 ans de service, Paul Leuenberger passe le témoin à son fils Olivier Leuenberger, petit-fils de Serge Meister.**
Nach über 25 Jahren im Dienst des Unternehmens übergibt Paul Leuenberger die Zügel an seinen Sohn Olivier Leuenberger, dem Enkel von Serge Meister.
After more than 25 years of service, Paul Leuenberger over to his son Olivier Leuenberger, Serge Meister's grandson.

2017 **Ouverture d'une succursale en Allemagne Serge Meister Präzisionswerkzeuge GmbH Pforzheim.**

Eröffnung einer Niederlassung in Deutschland Serge Meister Präzisionswerkzeuge GmbH Pforzheim.

A branch office called Serge Meister Präzisionswerkzeuge GmbH is opened in Pforzheim, Germany.

2018 **Après plus de 41 ans de service dans l'entreprise, dont 30 années à la direction, Jean-Pierre Meyer passe le témoin à son fils Luc Meyer tout en restant au sein de l'entreprise.**

Nach mehr 41 Jahren im Unternehmen, davon 30 Jahre als Geschäftsinhaber, übergibt Jean-Pierre Meyer die Führung seinem Sohn Luc Meyer. Er bleibt jedoch in der Firma.

After more than 41 years of service, and more than 30 as a director, Jean-Pierre Meyer hands it over to his son Luc Meyer. Jean-Pierre Meyer continues working within the company.

Revendeur officiel Schaublin pour la Suisse
 Schaublin offizieller Vertreter für die Schweiz
 Schaublin official reseller for Switzerland

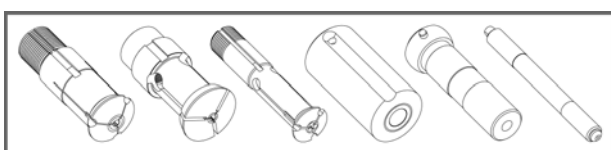

SCHAUBLIN

Pinces poussées
Druckspannzangen
 Dead length collets

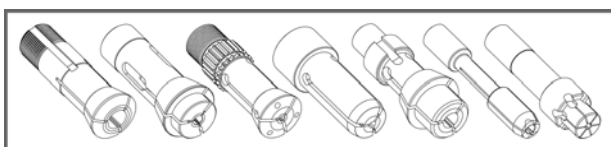


Pinces tirées avec filet extérieur
Zugspannzangen mit Aussengewinde
 Pull-type collets with external thread

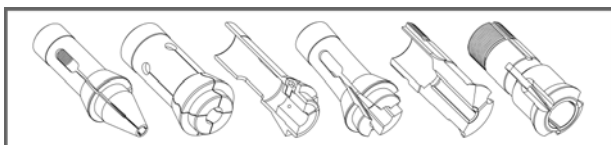




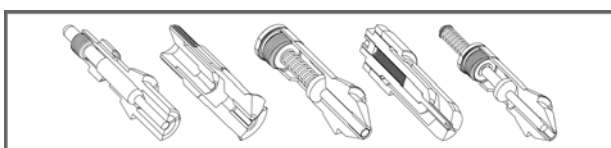
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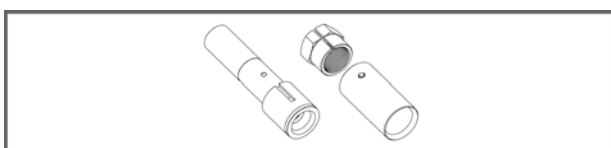
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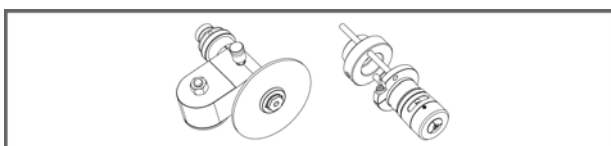
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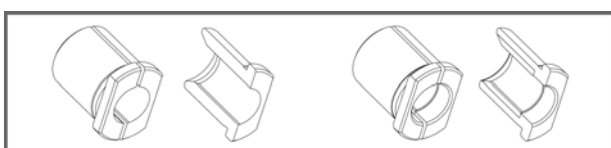
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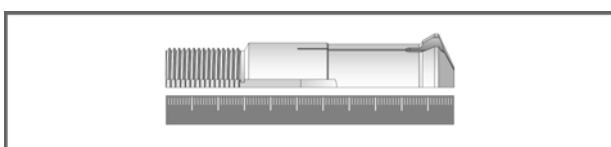
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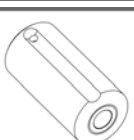
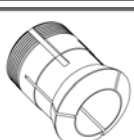
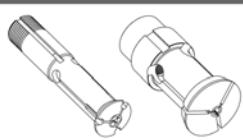
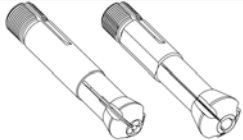


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Canons

Führungsbüchsen

Guide bushes

	Tiré Gezogen <i>Drawn</i>	9		TOP TOP <i>TOP</i>	19
	Poussé Gestossen <i>Pushed</i>	12		Automatique Automatisch <i>Automatic</i>	19
	Fixe Fest <i>Plain</i>	13		Porte Douille Hülsen-Halter <i>Sleeve holder</i>	20
	Magic Type A Magic Typ A <i>Magic Type A</i>	15			
	Magic Type B Magic Typ B <i>Magic Type B</i>	15			
	ESCO D2 ESCO D2 <i>ESCO D2</i>	16			
	ESCO D2 (ajustable) ESCO D2 (einstellbar) <i>ESCO D2 (adjustable)</i>	16			
	ESCO D6 ESCO D6 <i>ESCO D6</i>	17			
	ESCO D6 (à boule) ESCO D6 (Kugel) <i>ESCO D6 (ball)</i>	17			
	ESCO New Mach ESCO New Mach <i>ESCO New Mach</i>	18			
	TOR 4 TOR 4 <i>TOR 4</i>	18			



Tiré

Gezogen

Drawn

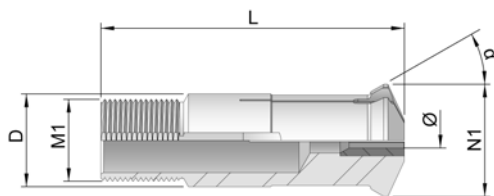


fig.1

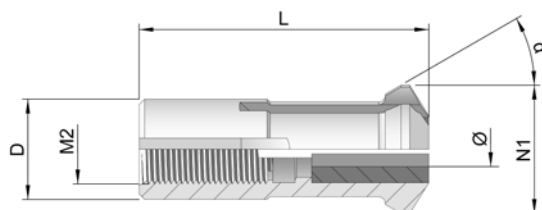


fig.2



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	N1	M1	M2	Max			fig.
							Ø	⬡	■	
T7-29	7	29	30°	10	M6 x 0.5		3.0	3.5	3.0	1
T7-30	7	30	16°	9.5	M6 x 0.5		3.5	3.0	2.5	1
T9-26	9	26	30°	11.5		M6 x 0.5	4.0	4.0	3.0	2
T9-44	9	44	16°	12.5	M8 x 0.75		4.0	4.5	3.5	1
T9-50	9	50	30°	12.3	M8 x 0.6		4.0	4.5	3.5	1
T11-50	11	50	30°	15	M10 x 0.6		6.0	5.5	4.5	1
T11-53-M10.075	11	53	16°	14.5	M10 x 0.75		6.5	6.0	4.5	1
T11-53-M10.080	11	53	16°	14.5	M10 x 0.8		6.5	5.5	4.5	1
T12-50-M10.075	12	50	16°	15.5	M10 x 0.75		6.0	5.5	4.5	1
T12-50-M12.1	12	50	30°	15	M12 x 1		7.0	6.5	5.5	1
T13-41.5	13	41.5	15°	16	M12.5 x 0.75		7.0	6.0	5.0	1
T14-64	14	64	16°	18	M13 x 0.75		10.0	8.5	7.0	1
T16-52	16	52	30°	20	M16 x 1		10.0	9.0	7.0	1
T16-58	16	58	16°	19.8	M14 x 1		10.0	9.0	7.0	1
T16-59	16	59	16°	20.5	M14 x 1		10.0	9.0	7.0	1
T16-59-M15.1	16	59	16°	20.5	M15 x 1		10.0	9.0	7.0	1
T16-61	16	61	30°	19.8	M15 x 1		10.0	9.0	7.0	1
T17-61	17	61	30°	21	M15 x 1		12.0	10.5	8.5	1
T18-59-M16.1	18	59	30°	21.8	M16 x 1		12.0	10.5	8.5	1
T18-60-M18.1	18	60	30°	21.8	M18x1		13.0	11.0	9.0	1
T20-55	20	55	30°	25	M20 x 1		13.0	11.0	9.0	1
T21-56.4	21	56.4	12°	24	M18 x 1		14.0	12.0	9.5	1
T21-57.4	21	57.4	12°	24	M18 x 1		14.0	12.0	9.5	1



Tiré

Gezogen

Drawn

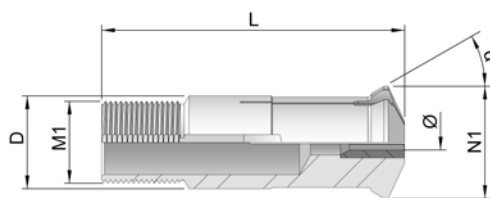


fig.1

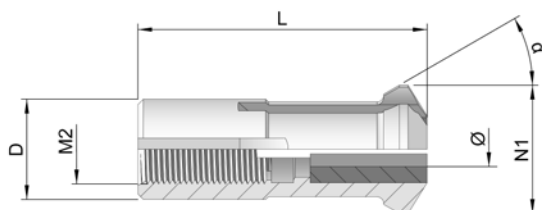


fig.2



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	N1	M1	Max			fig.
						Ø	⬡	■	
T21-65.5	21	65.5	12°	24	M18 x 1	14.0	12.0	9.5	1
T22-68-M19.1	22	68	16°	29	M19 x 1	15.0	13.0	10.5	1
T22-68-M22.1	22	68	16°	29	M22 x 1	16.0	14.5	12.0	1
T22-68-M22.1-R	22	68	16°	29	M22 x 1	17.0	14.5	12.0	1
T23-72	23	72	16°	28	M22 x 1	17.0	14.5	12.0	1
T24-61	24	61	30°	30	M24 x 1	16.0	14.0	11.5	1
T25-71	25	71	30°	30	M25 x 1	17.5	15.5	12.5	1
T26-77	26	77	16°	29	M25 x 1	20.0	17.5	14.0	1
T27-57.5	27	57.5	12°	30	M24 x 1	18.0	16.0	13.0	1
T27-67.5	27	67.5	12°	30	M24 x 1	18.0	16.0	13.0	1
T28-81	28	81	30°	38	M25 x 1	20.0	17.0	14.0	1
T28-82-M25.1	28	82	16°	34	M25 x 1	20.0	17.0	14.0	1
T28-82-M27.1	28	82	16°	34	M27 x 1	22.0	19.0	15.5	1
T30-70	30	70	16°	36	M28 x 1	20.5	18.0	14.5	1
T32-71	32	71	30°	39.8	M32 x 1	22.5	19.5	16.0	1
T34-87.5	34	87.5	10°	41	M34 x 1	27.5	24.0	19.5	1
T40-72-M36.1	40	72	30°	47.8	M36 x 1	26.5	23.0	19.0	1
T40-72-M40.1	40	72	30°	48	M40 x 1	28.0	24.0	20.0	1
T41-54	41	54	10°	46	M38 x 1	32.0	28.0	23.0	1
T42-82-C16	42	82	16°	49	M40 x 1	33.0	29.0	24.0	1
T42-82-C16-M	42	82	16°	49	M42 x 1	35.0	30.0	25.5	1
T42-82-C20	42	82	20°	49	M40 x 1	33.0	29.0	24.0	1
T44-87	44	87	20°	53	M40 x 1	32.0	28.0	23.0	1



Tiré

Gezogen

Drawn

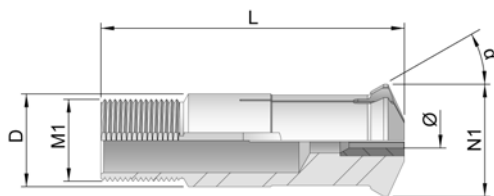


fig.1

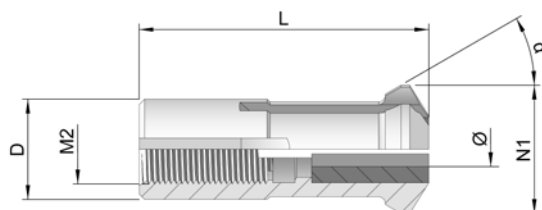


fig.2



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	N1	M1	Max			fig.
						Ø	⬡	■	
T45-82	45	82	16°	52	M42 x 1	37.0	32.0	26.0	1
T46-82	46	82	16°	53	M45 x 1	38.0	32.5	26.5	
T46-92	46	92	16°	53	M45 x 1	38.0	32.5	26.5	1
T48-81-C10	48	81	10°	54	M46 x 1	38.0	33.0	27.0	1
T48-81-C30	48	81	30°	56	M48 x 1.25	38.0	33.0	27.0	1
T48-82	48	82	16°	54	M46 x 1	38.0	33.0	27.0	1



Poussé

Gestossen

Pushed

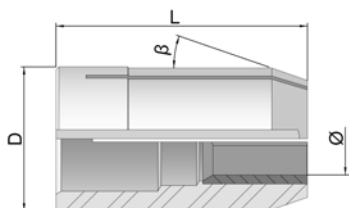


fig.1

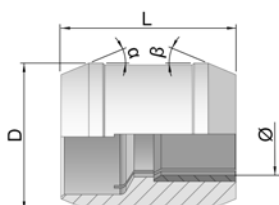


fig.2



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	β	Max			fig.
					Ø	⬢	■	
PO7-19	7	19	45°	30°	3	2.7	2.2	2
PO8.6-34	8.6	34	28°	28°	3	2.7	2.2	2
PO9-30-C19	9	30		19°	4	3.5	3	1
PO9-30-C30	9	30	45°	30°	4	3.5	3	2
PO11-30	11	30		19°	6	5.5	4.5	1
PO13-30	13	30	45°	40°	7	6	5	2
PO14-35	14	35		19°	8	7	5.5	1
PO15-35	15	35		19°	8	7	5.5	1
PO16-30	16	30	45°	40°	11	9	7.5	2
PO16-35	16	35		19°	10	8.5	7	1
PO16-40	16	40	30°	30°	8	7	5.5	2
PO18-40	18	40		19°	12	10.5	8	1
PO20-40	20	40	30°	30°	11	9	7.5	2
PO22-42	22	42	45°	40°	14	12.5	10	2
PO24-42	24	42		19°	15	13	10.5	1
PO26-42	26	42	45°	30°	16	14	11	2
PO28-45	28	45		29°	20	17.5	14	1
PO30-42-C29	30	42		29°	18	15	13	1
PO30-42-C30	30	42	45°	30°	20	17.5	14	2
PO30-60	30	60	29°	29°	18	14.5	12	2
PO32-45	32	45		19°	22	19.5	15.5	1
PO34-42	34	42		29°	22	19.5	15.5	1
PO34-48	34	48	45°	30°	23	20	16	2



Canons

Führungsbüchsen

Guide bushes

Poussé

Gestossen

Pushed

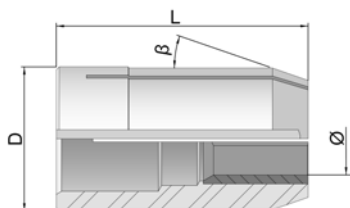


fig.1

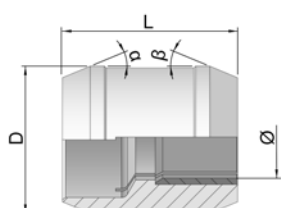


fig.2



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

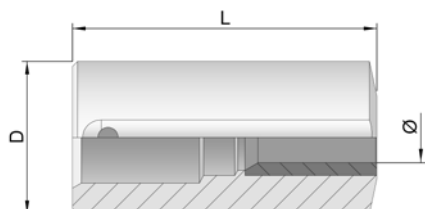
N° Serge Meister	D	L	α	β	Max			fig.
					Ø	⬢	■	
PO34-60	34	60	29°	29°	22	19.5	15.5	2
PO38-45	38	45		19°	28	24	19.5	1
PO38-60	38	60		19°	28	24	19.5	1
PO42-50	42	50	22.5°	22.5°	32	25	20	2
PO42-60	42	60		19°	28	24	19.5	1
PO42-72	42	72	29°	29°	26	22	18	2
PO46-60	46	60		19°	32	28	23	1
PO48-72	48	72	29°	29°	28	24	19.5	2
PO52-72	52	72	29°	29°	33	28	23	2

←

Fixe

Fest

Plain



Ø maximum passant en métal dur rond

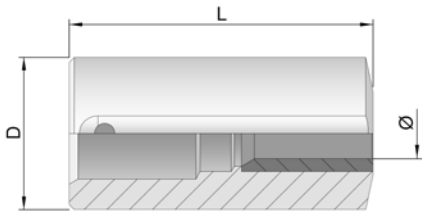
Maximaler Ø durchgehend Hartmetall Runde

Maximum Ø through carbide round

N° Serge Meister	D	L	Max		
			Ø	⬢	■
FI6	6	11	4.0	3.5	3

→





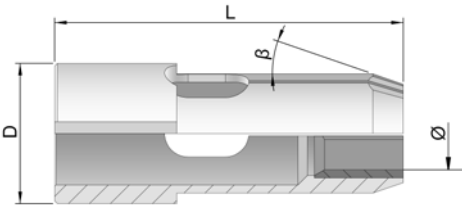
Ø maximum passant en métal dur rond			Maximaler Ø durchgehend Hartmetall Runde			Maximum Ø through carbide round		
N° Serge Meister	D	L	Max			Ø	Hex	Square
			Ø	Hex	Square			
FI10	10	20	5.0	4.5	3.5			
FI12	12	20	6.0	5.0	4.0			
FI13	13	25	7.0	6.0	5.0			
FI15	15	30	10.0	8.5	7.0			
FI16	16	30	10.0	8.5	7.0			
FI20	20	30	12.0	10.5	8.5			
FI22	22	32	13.0	11.0	9.0			
FI24	24	34	16.0	14.0	11.0			
FI25	25	35	16.0	14.0	11.0			
FI30	30	35	20.0	17.0	14.0			
FI32	32	45	21.0	18.0	17.0			
FI34	34	34	22.0	19.0	15.5			
FI35	35	35	25.0	21.5	17.5			
FI36	36	45	25.0	21.5	17.5			
FI40	40	45	25.0	21.5	17.5			
FI50	50	46	30.0	26.0	21.0			



Magic Type A

Magic Typ A

Magic Type A

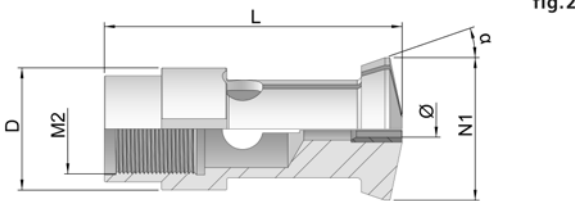
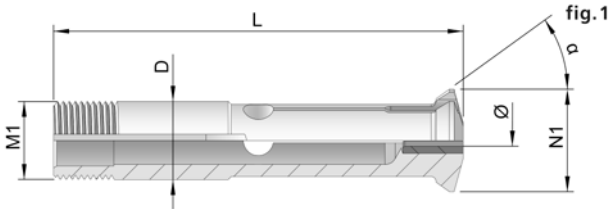


N° Serge Meister	D	L	β	Max		
				Ø	⬡	■
MAG-A-30	30	74.5	19°	15.0	13.0	10.5
MAG-A-38	38	74.5	19°	20.0	17.0	14.0

Magic Type B

Magic Typ B

Magic Type B



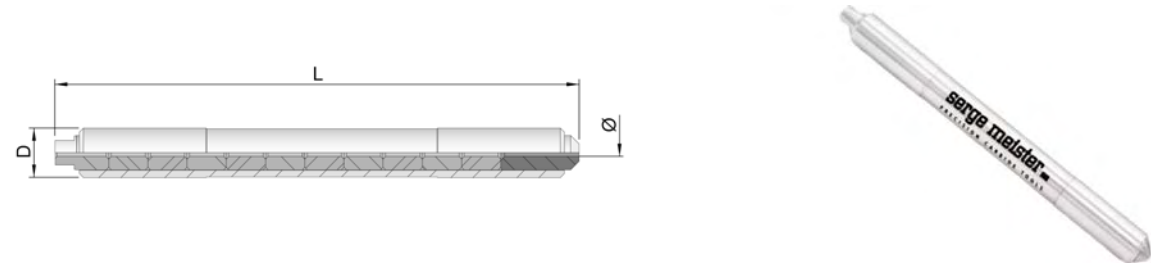
N° Serge Meister	D	L	α	N1	M1	M2	Max			fig.
							Ø	⬡	■	
MAG-B-10	10	56.5	36°	14	M10 x 1		4.5	4.0	3.5	1
MAG-B-13	13	68	36°	17	M13 x 1		7.0	6.0	5.0	1
MAG-B-18	18	68	36°	24	M18 x 1		12.0	10.5	8.5	1
MAG-B-30	30	73	19°	35		M22 x 1	16.0	14.0	11.5	2
MAG-B-36	36	73.5	19°	43		M27 x 1	24.0	21.0	17.0	2



ESCO D2

ESCO D2

ESCO D2

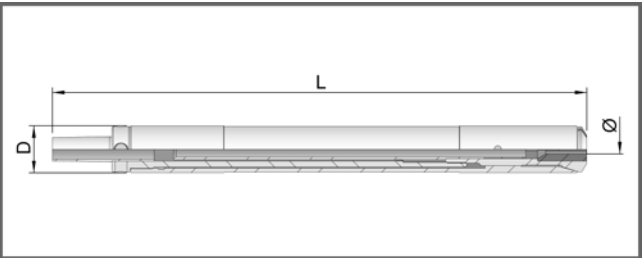


N° Serge Meister	D	L	Max		
			Ø	⬡	■
ES-D2-10-115	10	115	0.5	0.4	0.35
ES-D2-10-110	10	110	1.0	0.8	0.7
ES-D2-10-107	10	107	5.0	4.0	3.5
ES-D2-10-CNC	10	113	5.0	4.0	3.5

ESCO D2 (ajustable)

ESCO D2 (einstellbar)

ESCO D2 (adjustable)



- 1 ES-AJ-01
- 2 ES-AJ-02
- 3 ES-AJ-03
- 4 ES-AJ-04
- 5 T7-30

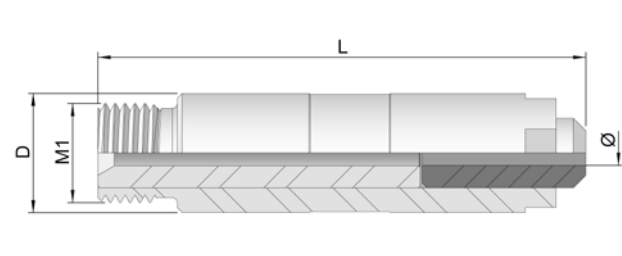


N° Serge Meister	D	L	Max		
			Ø	⬡	■
ES-D2-10-113-AJ	10	113	3.5	3.0	2.5

ESCO D6

ESCO D6

ESCO D6

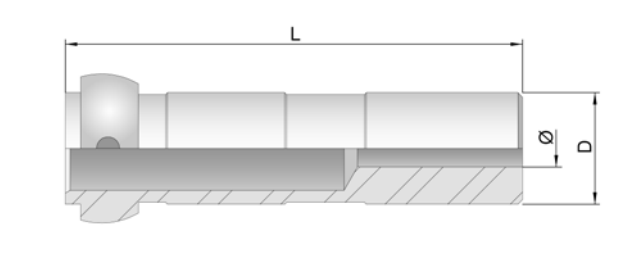


N° Serge Meister	D	L	M1	Max		
				Ø	⬡	■
ES-D6-12-49.2	12	49.2	M10 x 0.75 G	7.0	6.0	5.0

ESCO D6 (à boule)

ESCO D6 (Kugel)

ESCO D6 (ball)

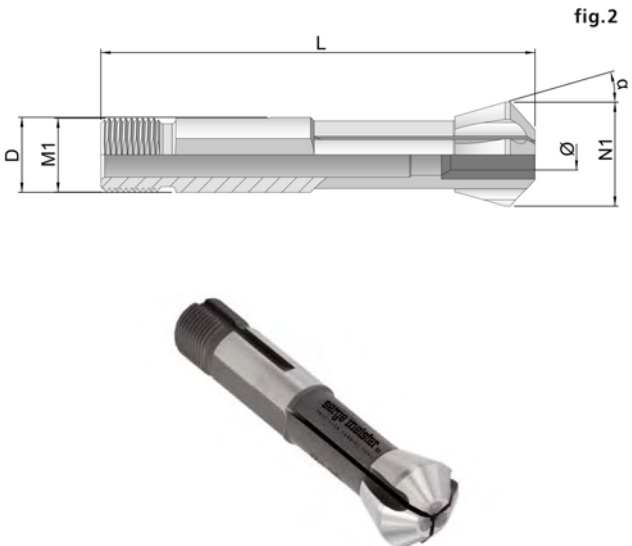
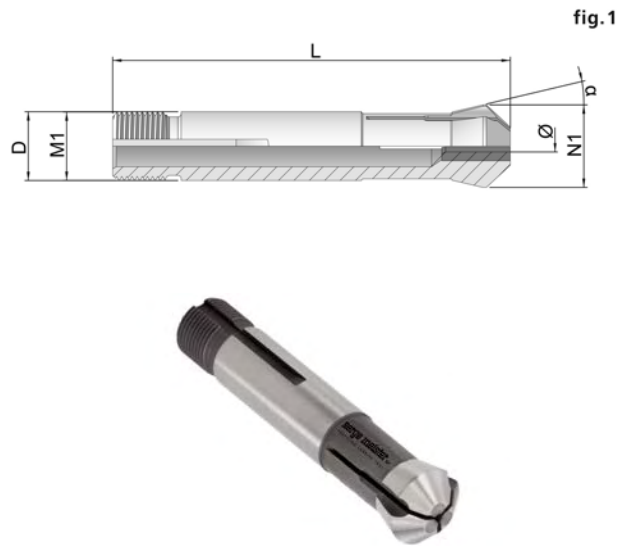


N° Serge Meister	D	L	Max		
			Ø	⬡	■
ES-D6-12-49-B	12	49	9.0	7.5	6.0

ESCO New Mach

ESCO New Mach

ESCO New Mach

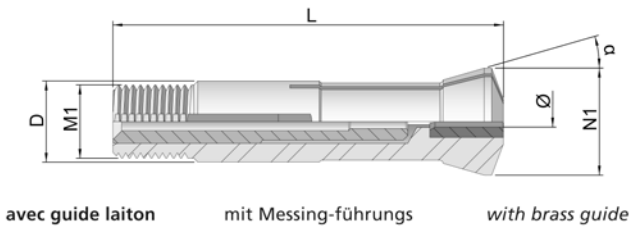


N° Serge Meister	D	L	α	N1	M1	Max			fig.
						Ø	⬡	■	
ES-MC-10-58-C	10	58	13	12	M10 x 0.75	5.5	4.5	4.0	1
ES-MC-10-58-P	10	58	16	14	M10 x 0.75	5.0	4.5	4.0	2

TOR 4

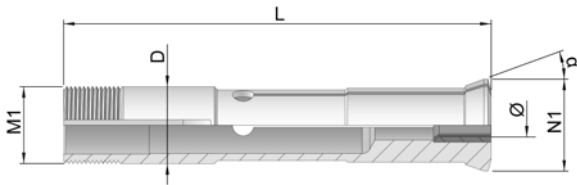
TOR 4

TOR 4



N° Serge Meister	D	L	α	N1	M1	Max		
						Ø	⬡	■
TOR411G	11	53	16°	1.45	M10 x 0.75	4.0	3.5	3.0
TOR411	11	53	16°	14.5	M10 x 0.75	5.5	4.5	4.0

TOP



TOP



TOP

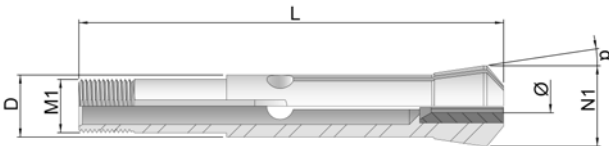
Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	N1	M1	Max		
						Ø	⬡	■
TOP100	18	100	20°	21.5	M18 x 1	12.5	11.0	9.0
TOP200	34	150	20°	42	M32 x 1.5	26.5	23.0	19.0
TBM-32	44	166	20°	53	M42 x 1.5	32.0	28.0	22.5

Automatique



Automatisch



Automatic

Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

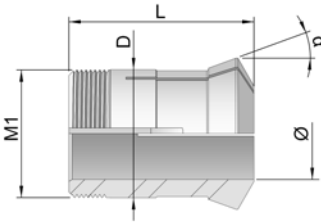
Maximum Ø through carbide

N° Serge Meister	D	L	α	M1	Max		
					Ø	⬡	■
AUT-9-51	9	51	8°30'	6.82 x 0.62	4.5	4.0	3.5
AUT-9-63	9	63	8°30'	6.82 x 0.62	4.5	4.0	3.5

Porte Douille

Hülsen-Halter

Sleeve holder



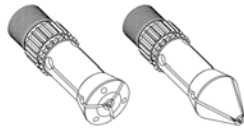
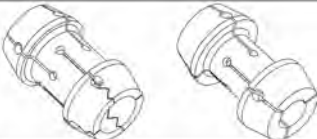
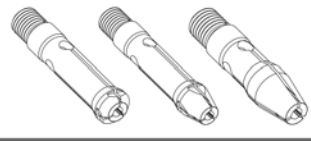
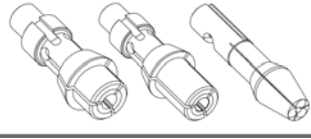
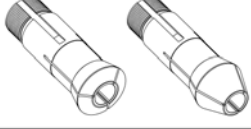
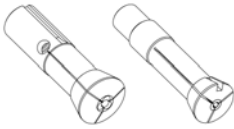
N° Serge Meister	D	L	α	M1	Ø
PD20-37	20	37	20°	M20 x 1	20.0 / 22.0
PD20-43.5	20	43.5	20°	M20 x 1	13.0 / 15.0
PD23-45	23	45	20°	M23 x 1	15.0
PD28-40.5	28	40.5	20°	M28 x 1	15.0



Pinces

Spannzangen

Collets

	F (Normal) F (Normal) F (Normal)	22		MultiSwiss MultiSwiss MultiSwiss	33
	F (Long nez) F (Lange Nase) F (Extended nose)	24		Double cône Doppelkegel double cone	33
	F Wahli F Wahli F Wahli	26		Pince de ravitaillement Spannzangen Stangenlader Feed finger	34
	W (Normal) W (Normal) W (Normal)	27		Transporteur Type B Transport-Zangen Typ B Transporter Type B	34
	W (Long nez) W (Lange Nase) W (Extended nose)	29		Transporteur Type T Transport-Zangen Typ T Transporter Type T	35
	W (SAS 16) W (SAS 16) W (SAS 16)	30		ROL 8 ROL 8 ROL 8	36
	B B B	30		TOR 4 TOR 4 TOR 4	36
	P P P	31		LNS LNS LNS	37
	P (AS 14) P (AS 14) P (AS 14)	31		Expansible Dehnbar Expanding	37
	PR PR PR	32			
	Lambert Lambert Lambert	32			



F (Normal)

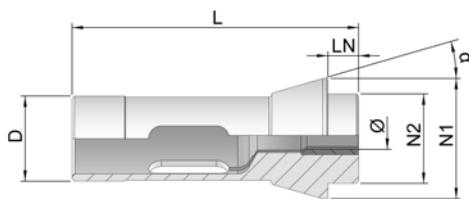


fig.1

F (Normal)

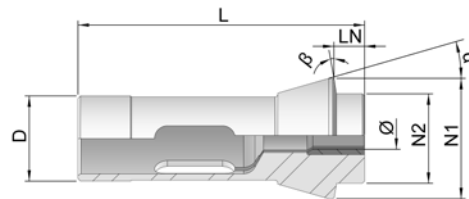


fig.2

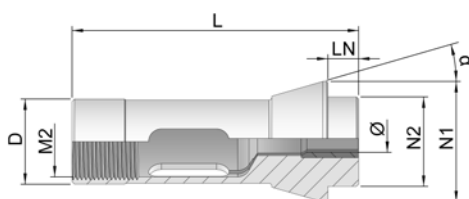


fig.3



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	LN	α	β	N1	N2	M2	Max			fig
									Ø	⬡	■	
F4.5-15.45	4.5	17.25	1.8	15°		6.75	4.5		2.3	1.5	1.5	1
F6-27	6	30	3	15°		10	6		3.0	2.5	2	1
F7-23	7	26	3	15°		10.5	7		3.5	3.0	2.5	1
F7-36	7	41	5	16°		11	7		3.5	3.0	2.5	1
F8-37.5	8	42	4.5	16°		12	8		4.0	3.5	3.0	1
F10-42	10	47.5	5.5	20°		15.5	10		5.5	5.0	4.0	1
F10-42.6	10	47.5	4.9	20°	12°	16	10		5.5	5.0	4.0	2
F12-40.2	12	44.5	4.3	15°	5°	18.1	12		7.0	6.0	5.0	2
F12-58	12	64	6	16°		18	12		7.0	6.0	5.0	2
F13-58	13	64	6	16°		19	13		7.0	6.0	5.0	1
F13-58-M	13	64	6	16°		19	13	M11 x 0.75	7.0	6.0	5.0	3
F14-40	14	46	6	15°		19.5	15		8.0	7.0	5.5	1
F14-42	14	46	4	13°	12°	18	14		8.0	7.0	5.5	2
F15-22	15	24	2	15°		19.2	15		9.0	7.5	6.0	1
F15-42	15	47	5	20°		22	15		9.0	7.5	6.0	1
F15-58	15	64	6	16°		21	15		9.0	7.5	6.0	1
F16-50	16	55	5	15°		22	16		10.0	8.5	7.0	1
F16-58	16	64	6	16°		21	16		10.0	8.5	7.0	1
F18-58	18	64	6	16°		24	18	M15 x 1	12.0	10.5	8.5	3
F18-60	18	67	7	15°	12°	25	19.5		13.0	11.0	9.0	2
F20-49	20	54	5	15°		26	19		13.0	11.0	9.0	1
F20-55	20	60	5	15°		27	20		14.0	12.0	10.0	1
F20-60	20	67	7	16°		28	21		15.0	13.0	10.5	1



F (Normal)

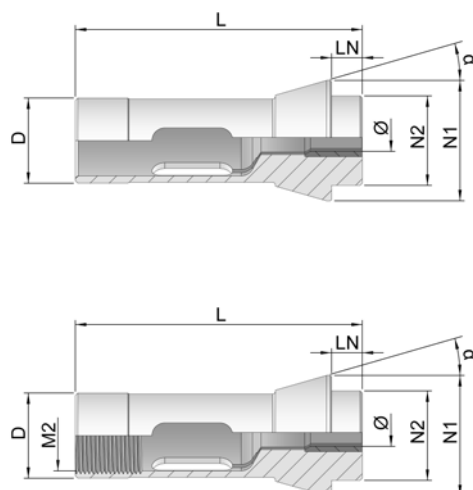


fig.1

F (Normal)

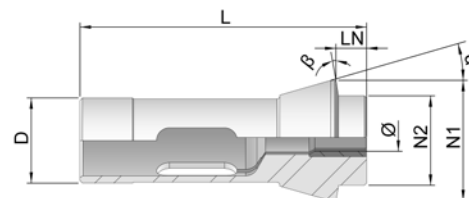


fig.2

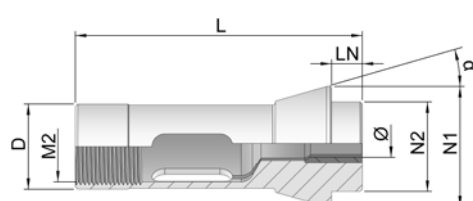


fig.3



Ø maximum passant en métal dur

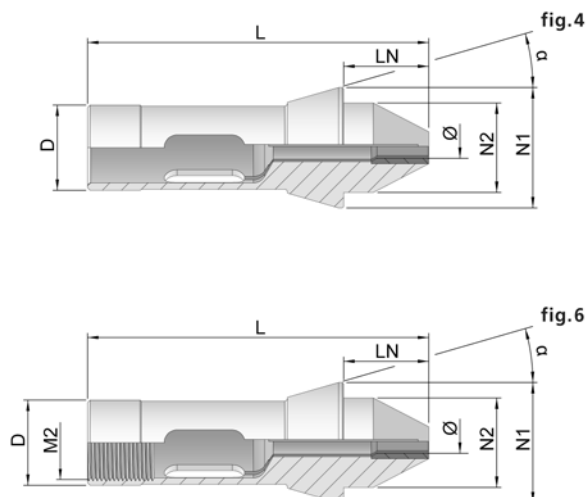
Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

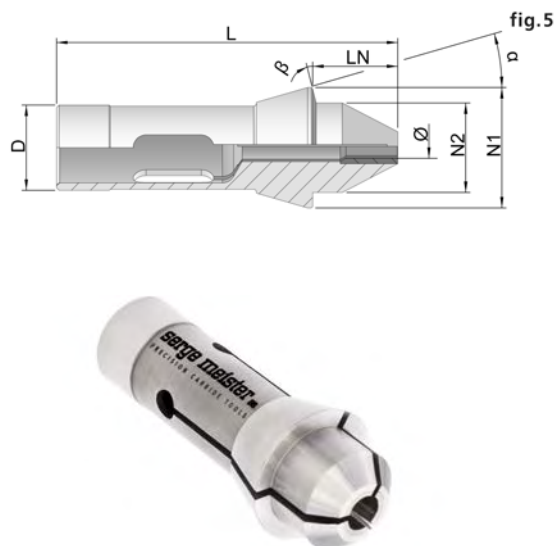
N° Serge Meister	D	L	LN	α	β	N1	N2	Max			fig.
								Ø	⬡	■	
F22-59	22	66	7	16°		32	25	17.0	14.5	12.0	1
F22-60	22	67	7	13°	12°	28	23.5	16.0	14.0	11.5	2
F24-55	24	62	7	15°		28	22	15.0	13.0	10.5	1
F25-59	25	65	6	15°		34	25	18.0	15.5	12.5	1
F25-67	25	77	10	16°		35	27	20.0	17.0	14.0	1
F26-60	26	67	7	13°	12°	32	27.5	20.0	17.0	14.0	2
F27-64.7	27	72.7	8	15°		38	30	22.0	19.0	15.5	1
F28-63	28	70	7	15°	10°	38	28	21.0	18.0	14.5	2
F30-59	30	65	6	15°		38	32	24.0	21.0	17.0	1
F30-70	30	80	10	16°		42	34	24.0	21.0	17.0	1
F32-59	32	65	6	15°		40	34	25.0	21.5	17.5	1
F32-67	32	75	8	15°	10°	45	34	25.0	21.5	17.5	2
F34-70	34	80	10	16°		44	37	28.0	24.5	20.0	1
F35-63	35	70	7	15°	10°	43	34	25.0	21.5	17.5	2
F35-72	35	80	8	15°	10°	48	38	29.0	25.0	20.5	2
F37-82	37	92	10	16°		47	40	31.0	27.0	22.0	1
F38.08-98.5	38.08	107.5	9	15°	6°	49	38	29.0	25.0	20.5	2
F39-71	39	80	9	15°	12°	46	39.5	31.0	27.0	22.0	2
F42-85	42	94	9	15°	10°	55	42	34.0	29.5	24.0	2
F48-85	48	94	9	15°	10°	60	50	39.0	34.0	27.5	2



F (Long nez)



F (Lange Nase)



F (Extended nose)

Ø maximum passant en métal dur

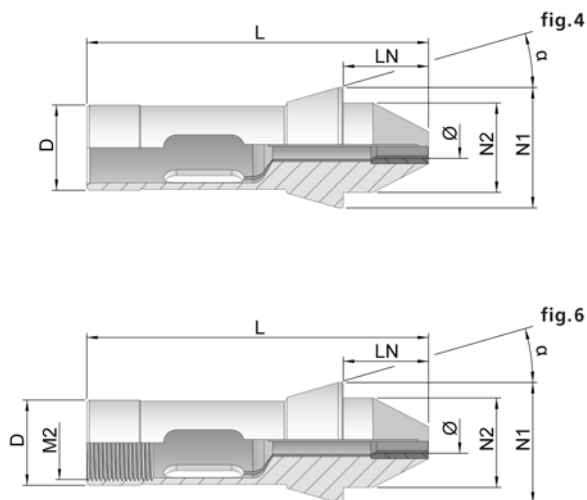
Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

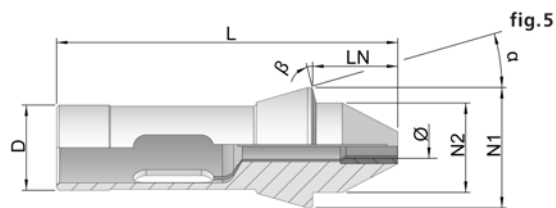
N° Serge Meister	D	L	LN	α	β	N1	N2	M2	Max			fig
									Ø	⬡	■	
F7-36-10	7	46	10	16°		11	7		3.5	3.0	2.5	4
F8-37.5-8	8	45.5	8	16°		12	8	M6 x 0.5	4.0	3.5	3.0	6
F8-37.5-10	8	47.5	10	16°		12	8	M6 x 0.5	4.0	3.5	3.0	6
F8-37.5-12	8	49.5	12	16°		12	8	M6 x 0.5	4.0	3.5	3.0	6
F10-42-8	10	50	8	20°		15.5	10	M8 x 0.5	5.5	5.0	4.0	6
F10-42-10	10	52	10	20°		15.5	10	M8 x 0.5	5.5	5.0	4.0	6
F10-42-12	10	54	12	20°		15.5	10	M8 x 0.5	5.5	5.0	4.0	6
F10-42-16	10	58	16	20°		15.5	10	M8 x 0.5	5.5	5.0	4.0	6
F12-40.2-10	12	50.2	10	15°	5°	18.1	12		7.0	6.0	5.0	5
F13-58-10	13	68	10	16°		19	13	M11 x 0.75	7.0	6.0	5.0	6
F13-58-12	13	70	12	16°		19	13	M11 x 0.75	7.0	6.0	5.0	6
F15-58-13	15	71	13	16°		21	15	M12 x 0.75	9.0	7.5	6.0	6
F15-58-15	15	73	15	16°		21	15	M12 x 0.75	9.0	7.5	6.0	6
F15-58-20	15	78	20	16°		21	15	M12 x 0.75	9.0	7.5	6.0	6
F16-50-20	16	70	20	15°		22	16		10.0	8.5	7.0	4
F16-58-8	16	66	8	16°		21	16	M14 x 0.75	10.0	8.5	7.0	6
F16-58-13	16	71	13	16°		21	16	M14 x 0.75	10.0	8.5	7.0	2
F16-58-15	16	73	15	16°		21	16	M14 x 0.75	10.0	8.5	7.0	2
F16-58-20	16	78	20	16°		21	16	M14 x 0.75	10.0	8.5	7.0	2
F20-49-13	20	62	13	15°		26	19	M18 x 1	13.0	11.0	9.0	6
F20-49-15	20	64	15	15°		26	19	M18 x 1	13.0	11.0	9.0	6
F20-49-20	20	69	20	15°		26	19	M18 x 1	13.0	11.0	9.0	6
F20-60-15	20	75	15	16°		28	21	M17 x 0.75	15.0	13.0	10.5	6



F (Long nez)



F (Lange Nase)



F (Extended nose)



Ø maximum passant en métal dur

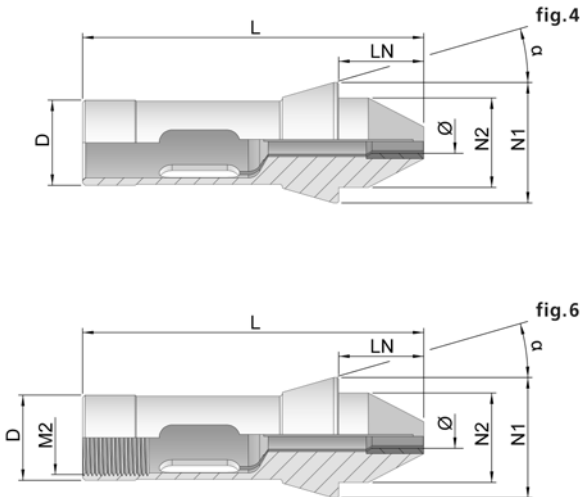
Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

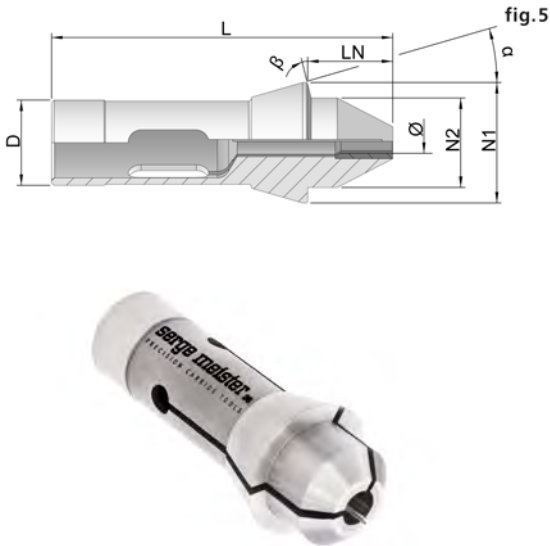
N° Serge Meister	D	L	LN	α	β	N1	N2	M2	Max			fig
									Ø	⬢	■	
F20-60-20	20	80	20	16°		28	21	M17 x 0.75	15.0	13.0	10.5	6
F22-49-15	22	64	15	15°	10°	30	21		15.0	13.0	10.5	5
F22-49-20	22	69	20	15°	10°	30	21		15.0	13.0	10.5	5
F24-55-15	24	70	15	15°		28	22		15.0	13.0	10.5	4
F24-55-20	24	75	20	15°		28	22		15.0	13.0	10.5	4
F25-67-18	25	85	18	16°		35	27	M 22 x 1	20.0	17.0	14.0	6
F25-67-25	25	92	25	16°		35	27	M 22 x 1	20.0	17.0	14.0	6
F27-65-8	27	73	8	15°		38	30		22.0	19.0	15.5	4
F27-65-18	27	83	18	15°		38	30		22.0	19.0	15.5	4
F27-65-25	27	90	25	15°		38	30		22.0	19.0	15.5	4
F28-63-20	28	83	20	15°	10°	38	28		21.0	18.0	14.5	5
F28-63-25	28	88	25	15°	10°	38	28		21.0	18.0	14.5	5
F30-59-20	30	79	20	15°		38	32		24.0	21.0	17.0	4
F32-67-15	32	82	15	15°	10°	45	34		25.0	21.5	17.5	5
F32-67-20	32	87	20	15°	10°	45	34		25.0	21.5	17.5	5
F32-67-25	32	92	25	15°	10°	45	34		25.0	21.5	17.5	5
F35-63-27	35	90	27	15°	10°	43	34		25.0	21.5	17.5	5
F35-72-28	35	100	28	15°	10°	48	38		29.0	25.0	20.5	5
F37-82-20	37	102	20	16°		47	40		31.0	27.0	22.0	4
F37-82-25	37	107	25	16°		47	40		31.0	27.0	22.0	4
F37-82-30	37	112	30	16°		47	40		31.0	27.0	22.0	4
F38.08-98.5-24.5	38.08	123	24.5	15°	6°	49	38		29.0	25.0	20.5	5
F42-85-20	42	105	20	15°	10°	55	42		34.0	29.5	24.0	5



F (Long nez)



F (Lange Nase)



F (Extended nose)

Ø maximum passant en métal dur

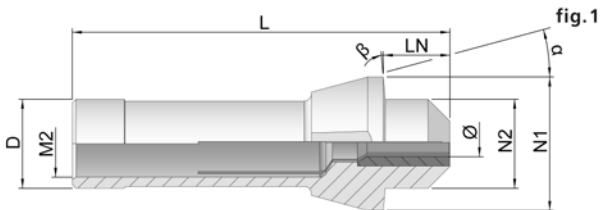
Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

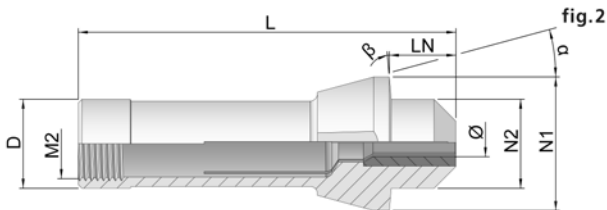
N° Serge Meister	D	L	LN	α	β	N1	N2	Max			fig.
								Ø	⬡	■	
F42-85-25	42	110	25	15°	10°	55	42	34.0	29.5	24.0	5
F48-85-28	48	113	28	15°	10°	60	50	39.0	34.0	27.5	5



F Wahli



F Wahli



F Wahli



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

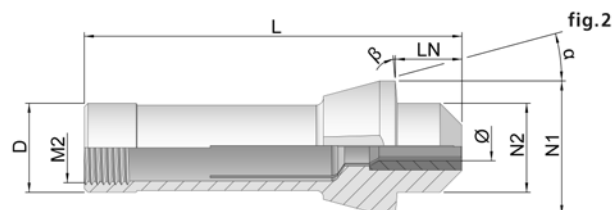
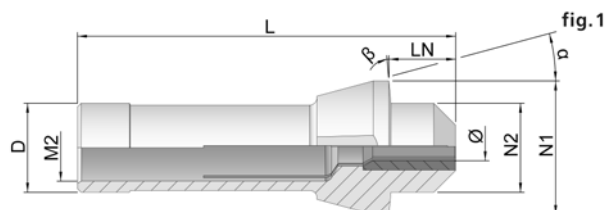
N° Serge Meister	D	L	LN	α	β	N1	N2	M2	Max			fig
									Ø	⬡	■	
WA12-9	12	51	9	15°	5°	18	12	8.0 ±0.01	7.0	6.0	5.0	1
WA12-9-M	12	51	9	15°	5°	18	12	M9 x 0.5	7.0	6.0	5.0	2



F Wahli

F Wahli

F Wahli



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

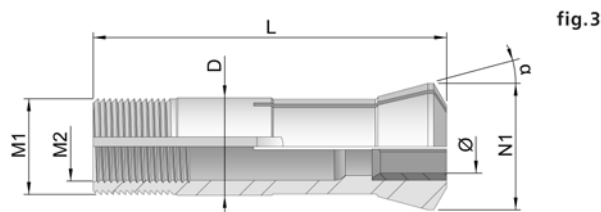
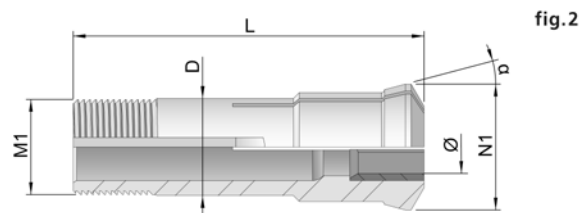
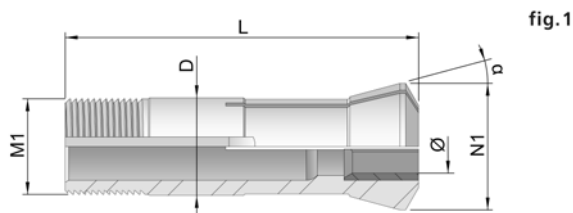
N° Serge Meister	D	L	LN	α	β	N1	N2	M2	Max			fig
									Ø	⬡	■	
WA12-11	12	53	11	15°	5°	18	12	8.0 ±0.01	7.0	6.0	5.0	1
WA12-11-M	12	53	11	15°	5°	18	12	M9 x 0.5	7.0	6.0	5.0	2



W (Normal)

W (Normal)

W (Normal)



Ø maximum passant en métal dur

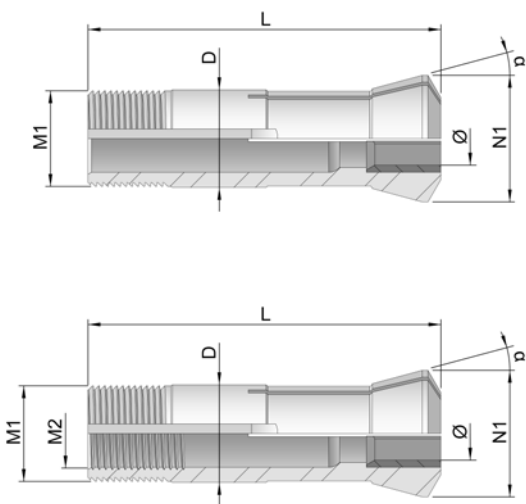
Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

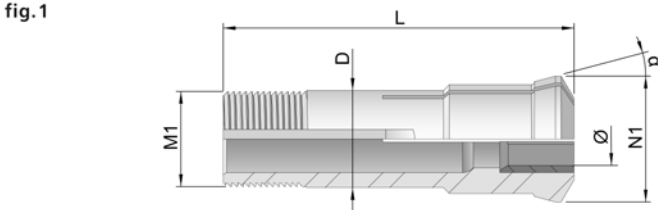
N° Serge Meister	D	L	α	N1	M1	Max			fig.
						Ø	⬡	■	
W10	10	43.6	15°	14	Ø 9.83 x 0.83	6.0	5.0	4.0	1
W12	12	46	15°	16	Ø 11.75 x 1.2	7.0	6.0	5.0	1



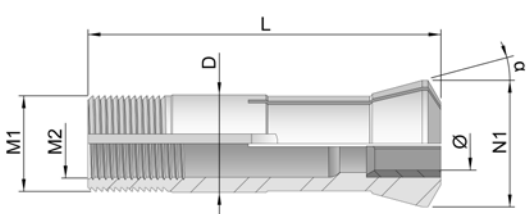
W (Normal)



W (Normal)



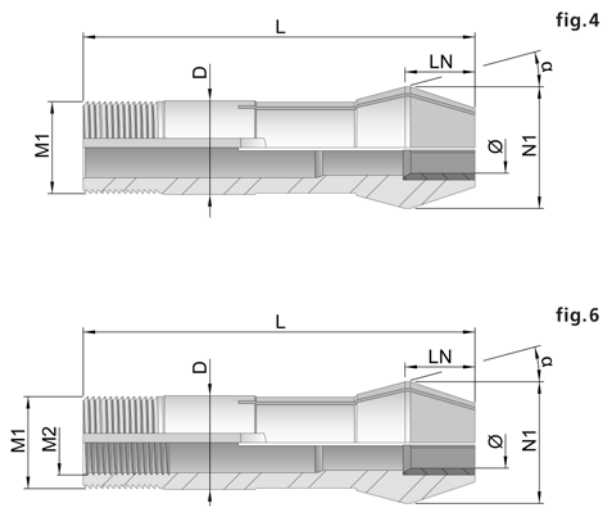
W (Normal)



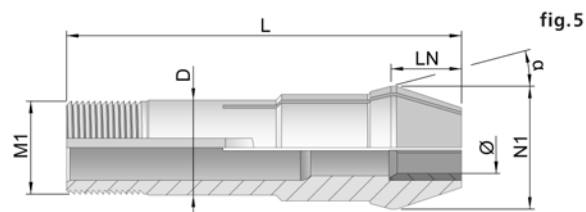
N° Serge Meister	D	L	α	N1	M1	M2	Max			fig.
							Ø	⬡	■	
W15	15	58.3	15°	20.2	Ø 14.75		10.0	8.5	7.0	1
W20	20	73	15°	26.3	Ø 19.7		15.0	13.0	10.5	1
W20-R	20	73	15°	26.3	Ø 19.7		20.0	17.0	14.0	2
W25	25	97.6	15°	33.7	Ø 24.7		18.0	15.5	12.5	1
W31.75	31.75	87	10°3'	37.4	Ø 31.4	Ø 26.441 x	25.0	21.5	17.5	3



W (Long nez)



W (Lange Nase)



W (Extended nose)



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	LN	α	N1	M1	M2	Max			fig
								Ø	⬡	■	
W10-8.6	10	49.6	8.6	15°	14	Ø 9.83 x		6.0	5.0	4.0	4
W12-8.8	12	52	8.8	15°	16	Ø 11.75 x		7.0	6.0	5.0	4
W15-12	15	67	12	15°	20.2	Ø 14.75 x		10.0	8.5	7.0	4
W15-15	15	73.5	15	15°	20.2	Ø 14.75 x		10.0	8.5	7.0	4
W15-20	15	78.5	20	15°	20.2	Ø 14.75 x		10.0	8.5	7.0	4
W20-15.5	20	84.5	15.5	15°	26.3	Ø 19.7 x		15.0	13.0	10.5	4
W20-15.5-R	20	84.5	15.5	15°	26.3	Ø 19.7 x		20.0	17.0	14.0	5
W20-25.5	20	94.5	25.5	15°	26.3	Ø 19.7 x		15.0	13.0	10..5	4
W25-19.7	25	112.2	19.7	15°	33.7	Ø 24.7 x		18.0	15.5	12.5	4
W25-19.7-R	25	112.2	19.7	15°	33.7	Ø 24.7 x		18.0	15.5	12.5	5
W25-19.7-M	25	112.2	19.7	15°	33.7	Ø 24.7 x	M14	12.0	10.5	8.5	6
W31.75-25.4	31.7!	108.7	25.4	10°3'	37.4	Ø 31.4 x	Ø 26.441 x	25.0	21.5	17.5	6



W (SAS 16)

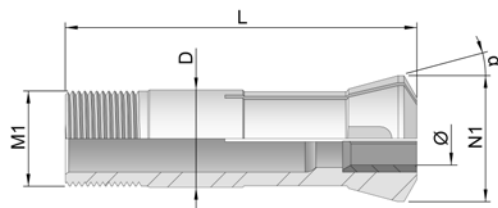


fig.7



W (SAS 16)

Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	N1	M1	Max			fig.
						Ø	⬡	■	
W25-94	25	94	16°	35	M25 x 1	18.0	15.5	12.5	7

B

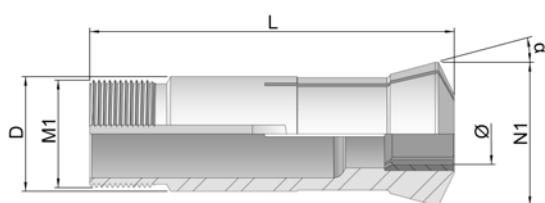


fig.1



B

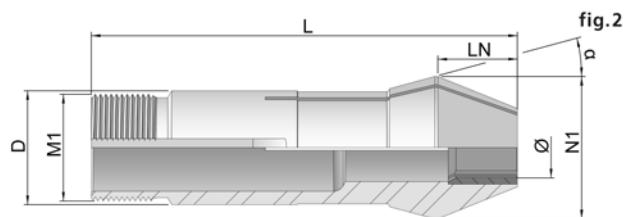


fig.2



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

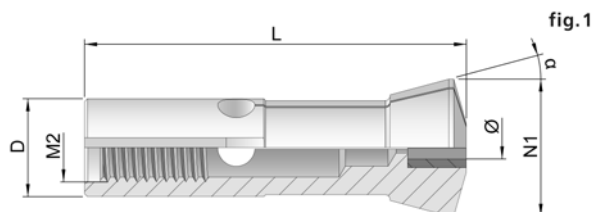
N° Serge Meister	D	L	LN	α	N1	M1	Max			fig.
							Ø	⬡	■	
B6-31.3	6	31.3		20°	10.5	Ø5 x 0.706	2.5	2.0	1.5	1
B6-31.3-V2	6	31.3		20°	9	Ø5 x 0.706	2.5	2.0	1.5	1
B6.5-35.5	6.5	35.5		20°	10.5	Ø5.5 x 40f	2.5	2.0	1.5	1
B8-35.5	8	35.5		20°	13	Ø6.82x0.625	4.0	3.5	3.0	1
B8-35.5-7	8	40.5	7	20°	13	Ø6.82x0.625	4.0	3.5	3.0	2
B32-102	32	102		15°	40	M30 x 1.5	23.0	20.0	16.5	1
B32-106	32	106		15°	40	Ø29.7 x 15f"	23.0	20.0	16.5	1
B32-106-24	32	124	24	15°	40	Ø29.7 x 15f"	23.0	20.0	16.5	2
B45-115	45	115		15°	53	M42 x 1.5	35.0	30.0	25.0	1

Pinces

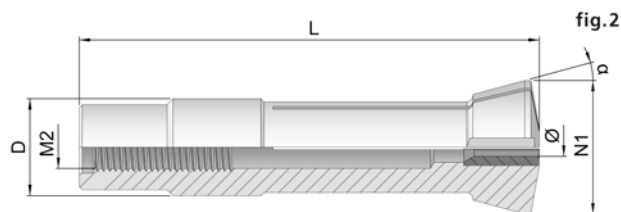
Spannzangen

Collets

P



P



P

Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	N1	M2	Max			fig.
						Ø	⬡	■	
P4.5-22.9	4.5	22.9	15°	6.75	M3.35	1.0	0.8	0.7	1
P5-22.9	5	22.9	15°	7	M3.5	1.0	0.8	0.7	1
P6-24.1	6	24.1	20°	8.5	M4	2.0	1.7	1.4	1
P6-27.2	6	27.2	15°	8.5	M4	2.0	1.7	1.4	1
P10-39	10	39	15°	14	M7	4.0	3.5	2.8	1
P16-76	16	76	15°	22	M8 x 1	6.0			2

P (AS 14)

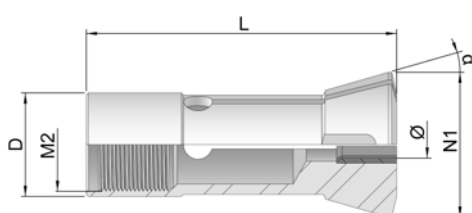


fig.3

P (AS 14)



P (AS 14)

Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	N1	M2	Max			fig.
						Ø	⬡	■	
P25-75	25	75	16°	35	M22 x 1	16.0	14.0	11.5	3

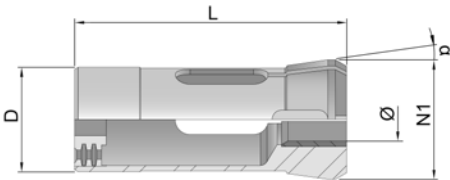


Pinces

Spannzangen

Collets

PR



PR



PR

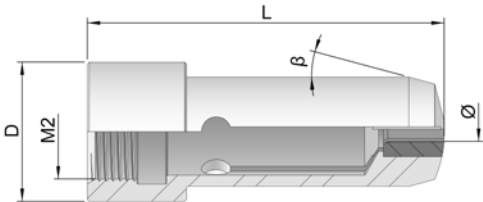
Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	α	N1	Max		
					Ø		
PR28-73	28	73	8	32	20.0	17.0	14.0
PR35.5-80	35.5	80	8	40	25.0	21.5	17.5

Lambert



Lambert



Lambert

Ø maximum passant en métal dur

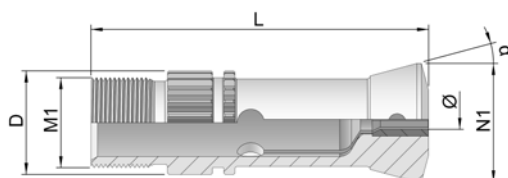
Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	β	M2	Max		
					Ø		
L14-34	14	34	15°	M10 x 0.5	6.0		
L14-36	14	36	15°	M10 x 0.5	6.0		

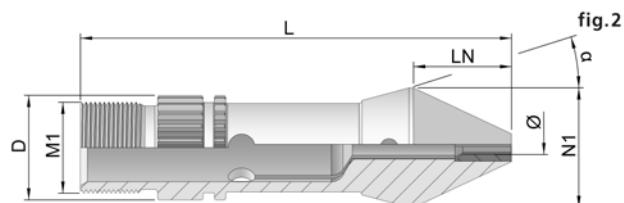


MultiSwiss



MultiSwiss

fig.1



MultiSwiss

fig.2

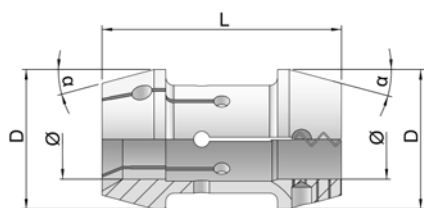
Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

N° Serge Meister	D	L	LN	α	N1	M1	Max			fig.
							Ø	⬡	■	
MS23-75	23	75		15°	26.3	M20 x 1	14.0	12.0	10.0	1
MS23-75-20	23	95	20	15°	26.3	M20 x 1	14.0	12.0	10.0	2

Double cône



Doppelkegel



double cone

Ø maximum passant en acier

Maximaler Ø durchgehend Stahl

Maximum Ø through steel

N° Serge Meister	D	L	α	Max		
				Ø	⬡	■
DC35-60	35	60	15°	26.0	22.5	18.0
DC43-68	43	68	14°	32.0	27.5	22.5



Pince de ravitaillement

Spannzangen Stangenlader

Feed finger

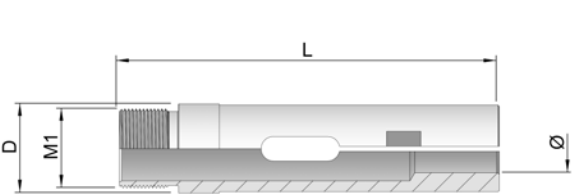


fig.1

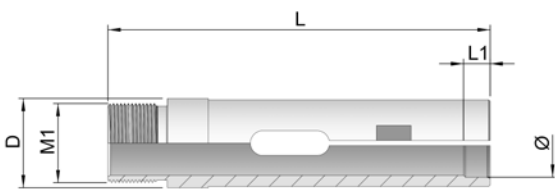


fig.2

Ø maximum passant en acier	Maximaler Ø durchgehend Stahl					Maximum Ø through steel
N° Serge Meister	D	L	M1	L1	Ø	Fig.
PC18-77.3-A	18.0	77.3	M16.0x0.75		13.0	1
PC18-77.3-B	18.0	77.3	M16.0x0.75	5	16.0	2

Transporteur Type B

Transport-Zangen Typ B

Transporter Type B

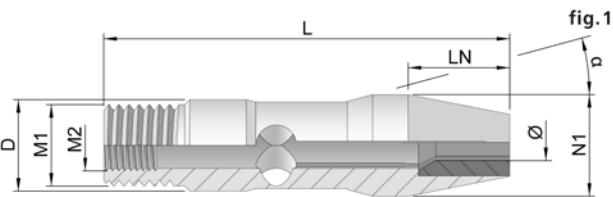


fig.1

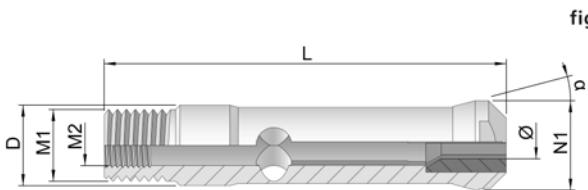


fig.2

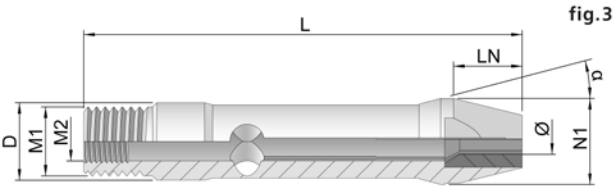


fig.3



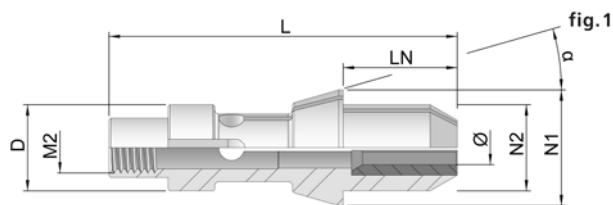
Ø maximum passant en métal dur				Maximaler Ø durchgehend Hartmetall				Maximum Ø through carbide			
N° Serge Meister	D	L	LN	α	N1	M1	M2	Max			fig
								Ø	⬡	■	
TB9-30-11	9	41	11	15°	10	M8 x 0.75	M5 x 0.5	4.0	3.5	3.0	1
TB9-45	9	45		15°	10	M8 x 0.75	M5 x 0.5	4.0	3.5	3.0	2
TB9-45-6	9	51	6	15°	10	M8 x 0.75	M5 x 0.5	4.0	3.5	3.0	3



Transporteur Type T

Transport-Zangen Typ T

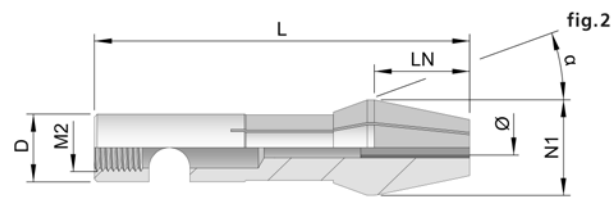
Transporter Type T



LN sur demande

LN Anfrage

LN upon request



LN sur demande

LN Anfrage

LN upon request



Ø maximum passant en métal dur

Maximaler Ø durchgehend Hartmetall

Maximum Ø through carbide

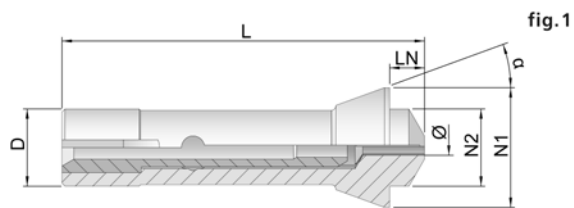
N° Serge Meister	D	L	LN	α	N1	N2	M2	Max			fig.
								Ø	⬡	■	
TT5	5	26	10	16°	7	5		1.5	1.3	1.0	1
TT05	5	27.5	7	20°	7		M3.5	1.5	1.3	1.0	2
TT7	7	28.5	10	16°	9.5	7	M4 x 0.5	2.0	1.7	1.4	1
TT8	8	44.5	14	16°	11	8	M4 x 0.5	2.0	1.7	1.4	1
TT10	10	41	13	16°	13.5	10	M6 x 0.5	5.0	4.5	3.5	1
TT12	12	46	14.5	16°	16	12	M6 x 0.5	5.0	4.5	3.5	1



ROL 8

ROL 8

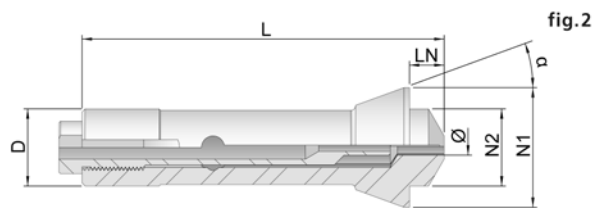
ROL 8



avec guide laiton

mit Messing-führungs

with brass guide



avec guide acier

mit Stahl-führungs

with steel guide



Ø maximum passant en acier

Maximaler Ø durchgehend Stahl

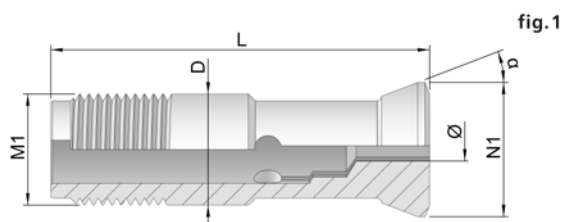
Maximum Ø through steel

N° Serge Meister	D	L	LN	α	N1	N2	M2	Max			fig.
								Ø	⬡	■	
ROL8	10	47.5	5	20°	15.5	10		5.0	4.0	3.5	1
ROL8-M	10	47.5	5	20°	15.5	10	M6 x 0.5	5.0	4.0	3.5	2

TOR 4

TOR 4

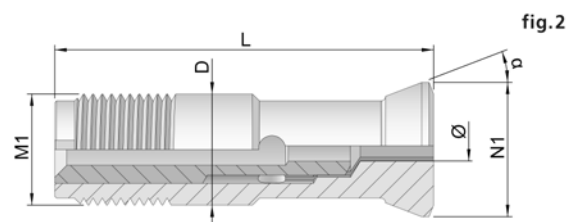
TOR 4



avec guide laiton

mit Messing-führungs

with brass guide



Ø maximum passant en acier

Maximaler Ø durchgehend Stahl

Maximum Ø through steel

N° Serge Meister	D	L	α	N1	M1	Max			fig.
						Ø	⬡	■	
TOR4	12	41	21°	14.5	M12 x 1	6.5	5.5	4.5	1
TOR4-G	12	41	21°	14.5	M12 x 1	4.5	4.0	3.0	2

Pinces

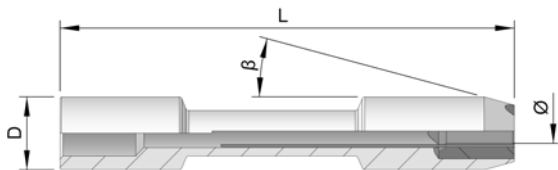
Spannzangen

Collets

LNS

LNS

LNS

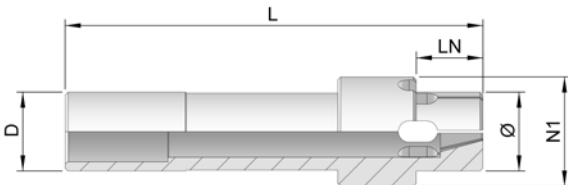


N° Serge Meister	D	L	β	Max		
				Ø	⬡	■
LNS4.8	4.8	30	15°	2.7	2.3	1.9

Expansible

Dehnbar

Expanding



N° Serge Meister	D	L	LN	N1	Ø
EXP13-57	13	69	12	18	3.5



Options

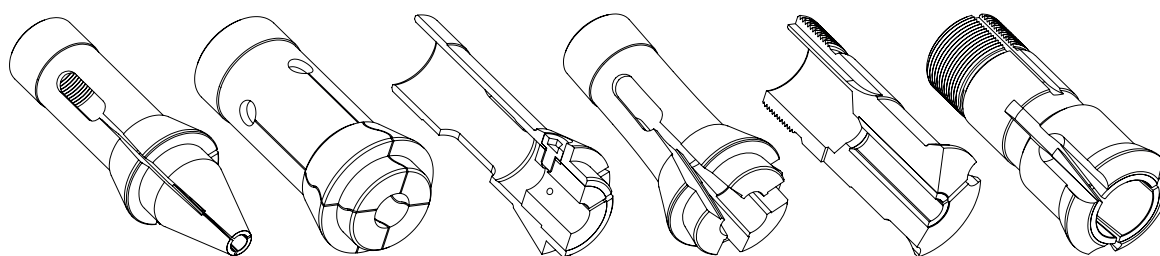
Optionen

Options

Options

Optionen

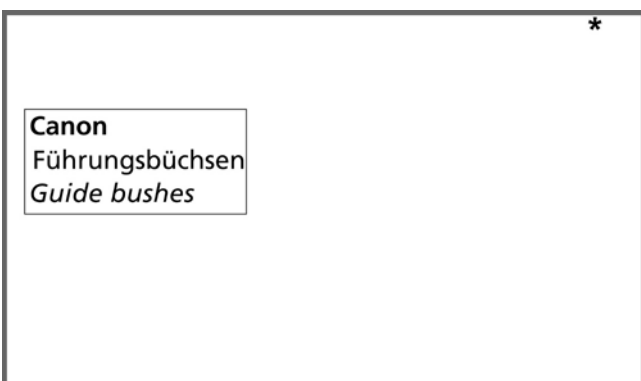
Options



Options

Optionen

Options



Option

Optionen

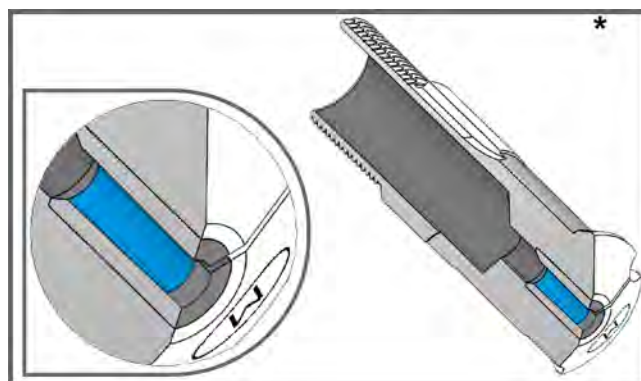
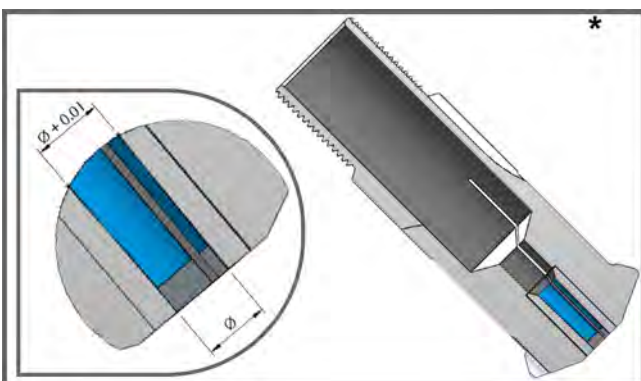
Options



Option

Optionen

Options



Rôdage inox

Rodieren Inox

Stainless-steel lapping

Ø 1mm - 8mm

Ø 1mm - 8mm

Ø 1mm - 8mm



Options

Optionen

Options



Insert ou complet bronze

Einfügen oder vervollständigen Bronze

Insert or complete bronze



Traitement de surface

Oberflächenbehandlung

Surface traitement (coating)

TiN

TiN

TiN



Traitement de surface

Oberflächenbehandlung

Surface traitement (coating)

CROMVlc ®

CROMVlc ®

CROMVlc ®

Options

Optionen

Options



Traitement de surface

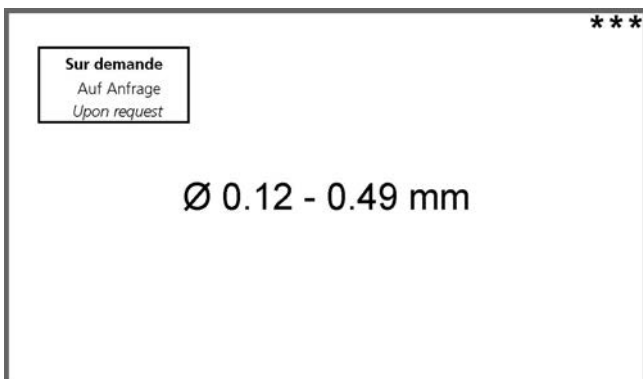
Oberflächenbehandlung

Surface traitement (coating)

MOVIC ®

MOVIC ®

MOVIC ®



Petits Ø

Kleine Ø

Small Ø



Long métal dur

Lang Hartmetall

Long carbide

Longueurs standard : 28, 30, 35, 40mm

Standard-Längen : 28, 30, 35, 40mm

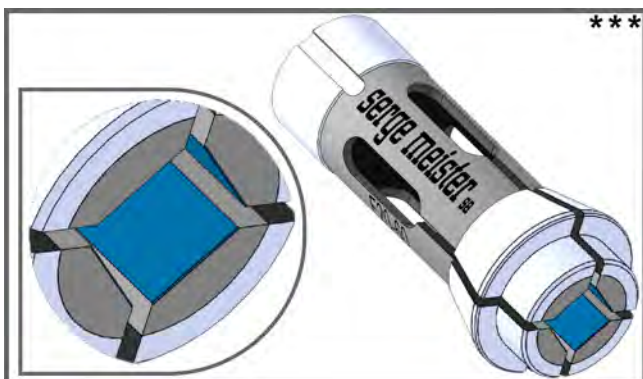
Standard lengths : 28, 30, 35, 40mm



Options

Optionen

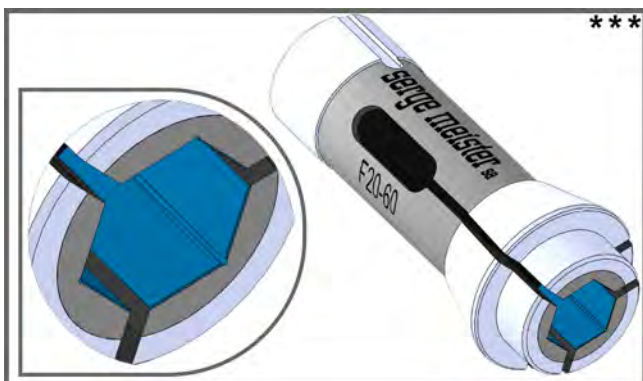
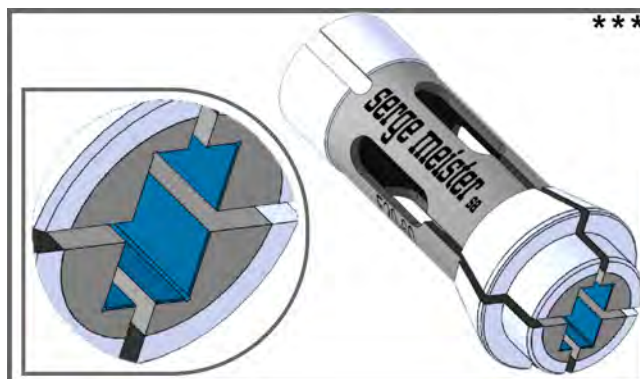
Options



Alésage carré, rectangle

4-kant, Rechteck Bohrung

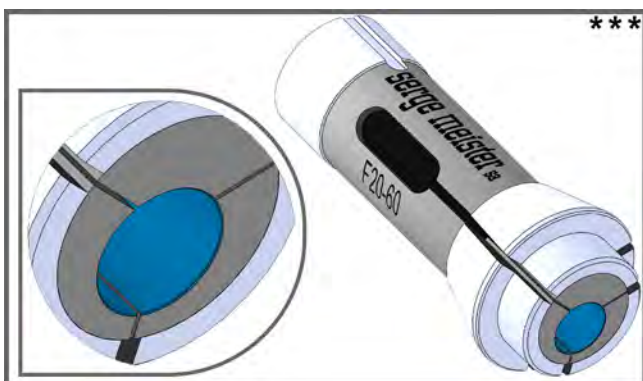
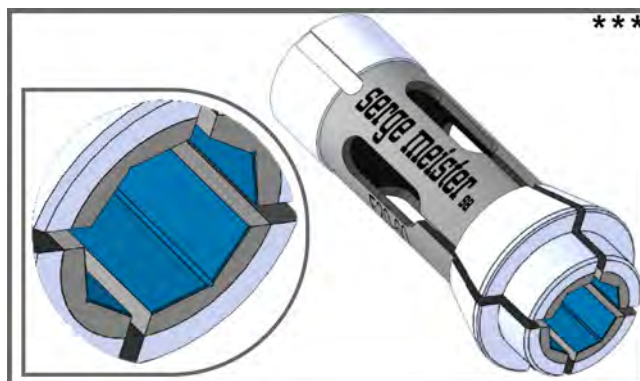
Square, rectangle bore



Alésage 6, 8 pans

6, 8-kant Bohrung

hex, octa bore



Alésage excentrique

Exzentrische Bohrung

Excentric bore

Options

Optionen

Options



Longueur du nez hors standard

Nasenlänge

Nose length



Cône métal dur

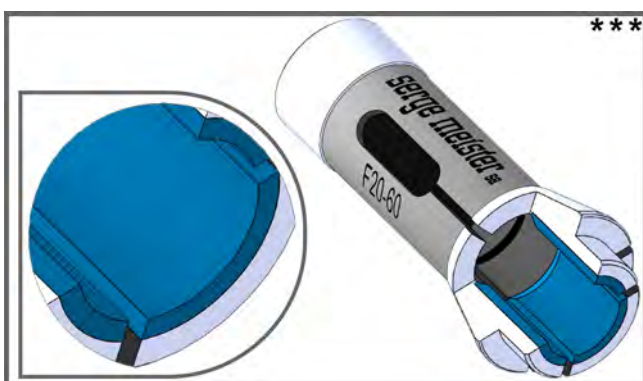
Hartmetall - Konus

Carbide cone

Disponible pour la plupart des références.

Verfügbar für fast alle Büchsen.

Available for most bush types according to application.



Angle vif

Ohne Fase

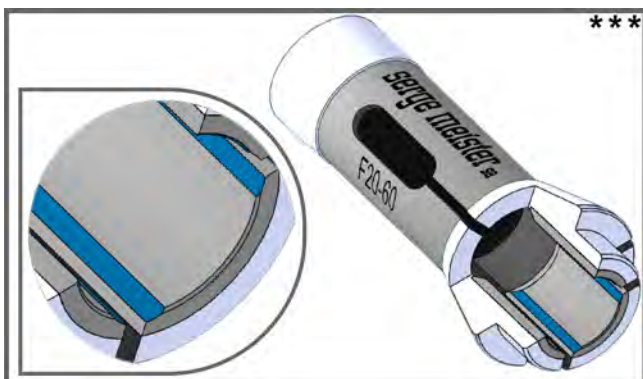
Sharp edge



Options

Optionen

Options



Anglage fentes

Fase an Schlitze

Relieved slots



Fentes "Wave"

"Wave" Schlitz

"Wave" Slots



Fentes "Zigzag"

"Zigzag" Schlitz

"Zigzag" Slots



Options

Optionen

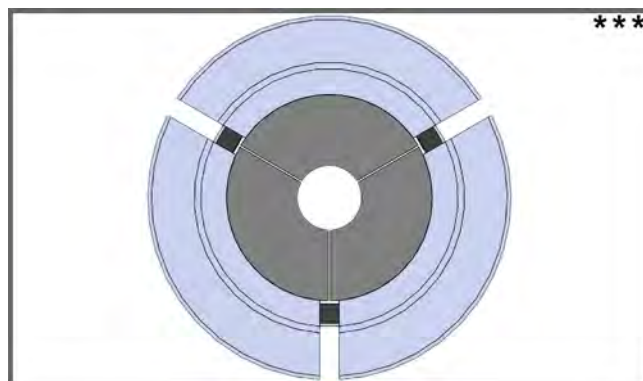
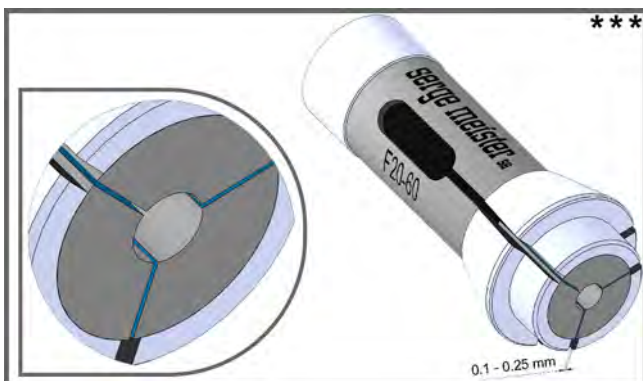
Options



Entrée(s) de clavette(s)

Nute

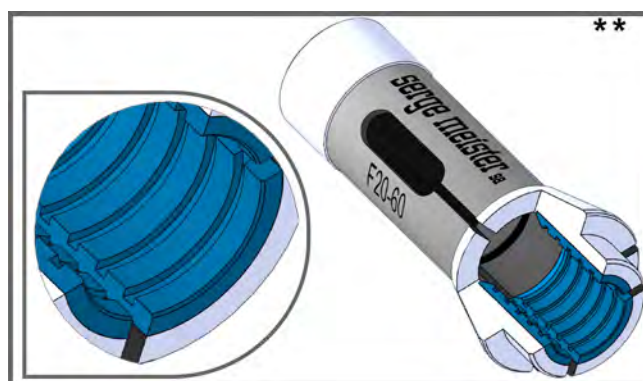
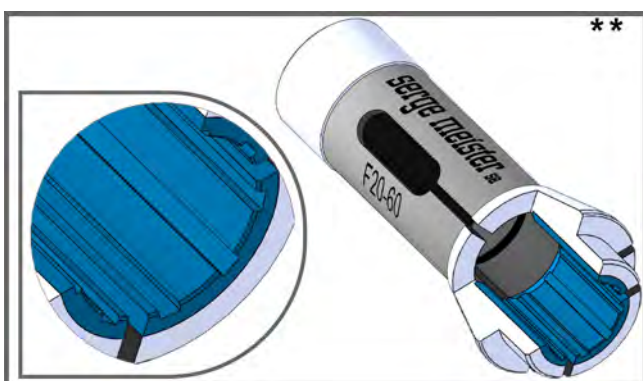
Keyway



Fentes fines

Feine Schlitzte

Narrow slots



Alésages rainurés, striés

Bohrung mit Querrillen

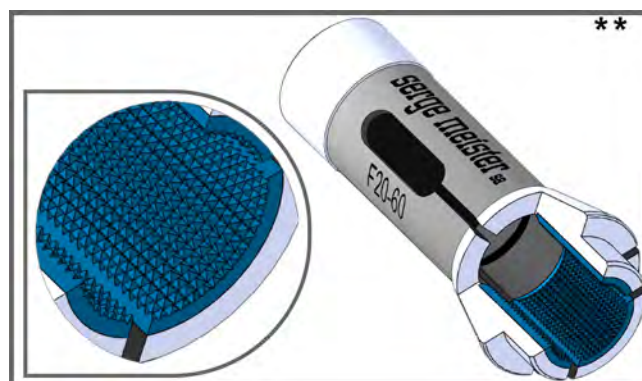
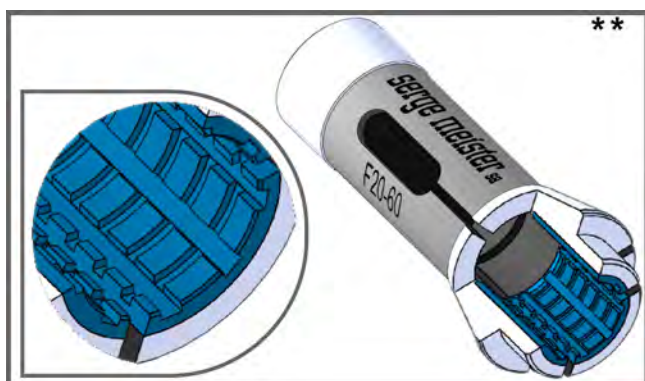
Grooved and serrated bore



Options

Optionen

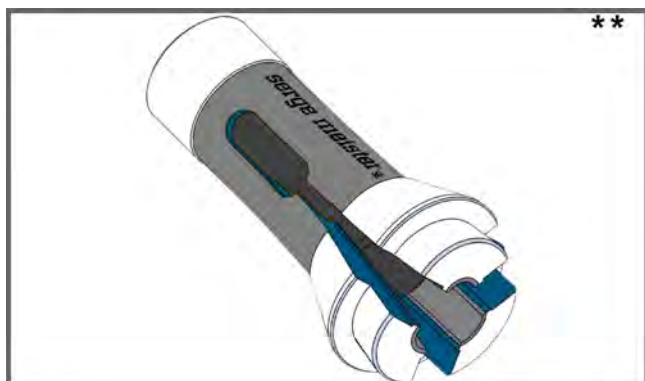
Options



Alésages rainurés, striés

Bohrung mit Querrillen

Grooved and serrated bore



Ouverture de la pince

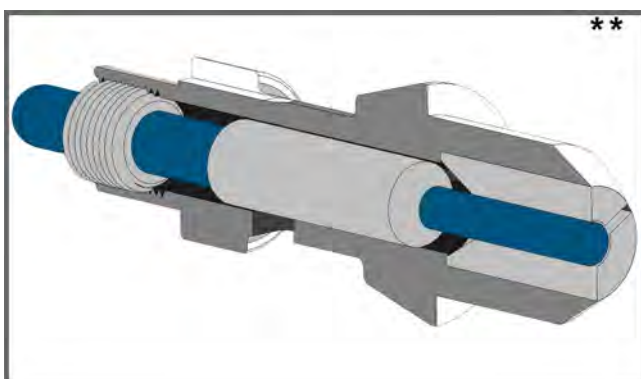
Oeffnung der Zangen

Opening of collets

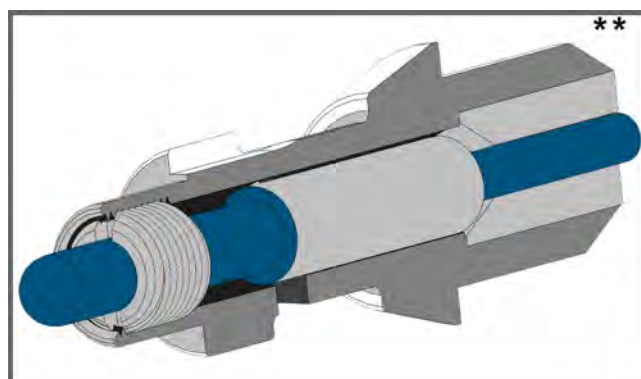
Options supplémentaires

Zusatz-Optionen

Additional options

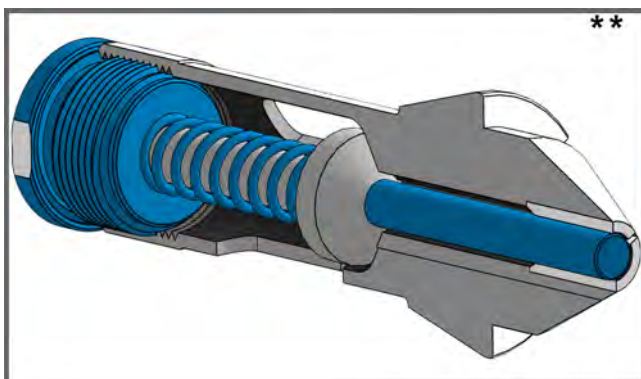


Ejecteur

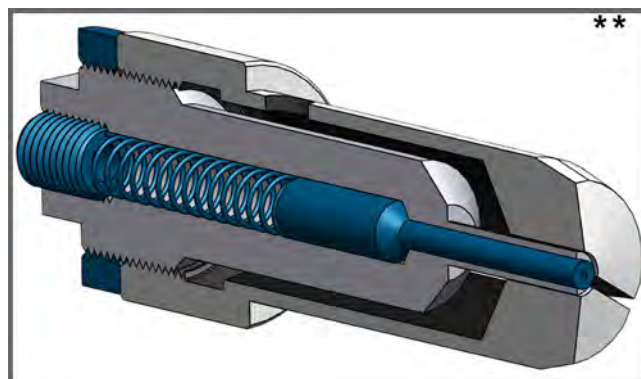


Ausswerfer

Ejector

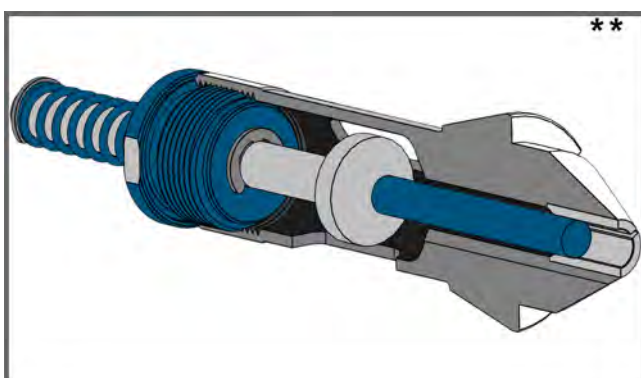


Ejecteur Type A

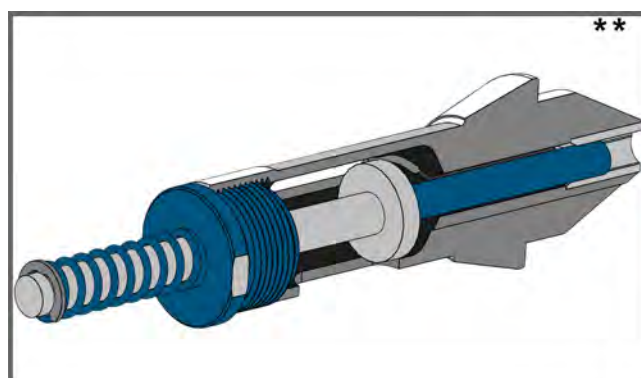


Ausswerfer Typ A

Ejector Type A



Ejecteur Type B



Ausswerfer Typ B

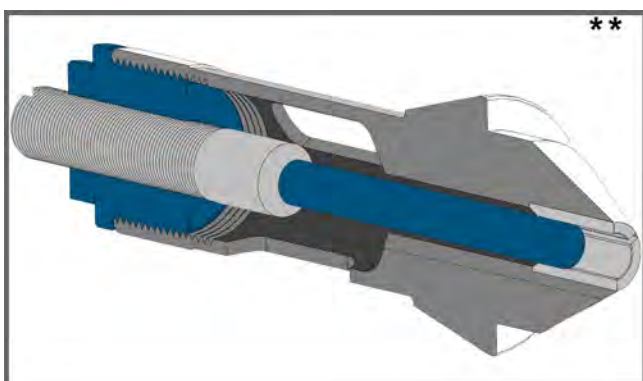
Ejector Type B



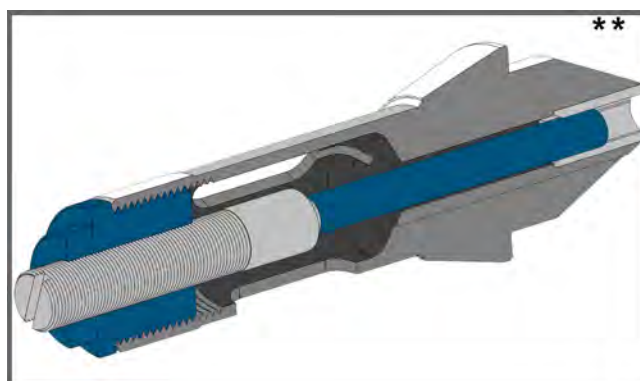
Options supplémentaires

Zusatz-Optionen

Additional options

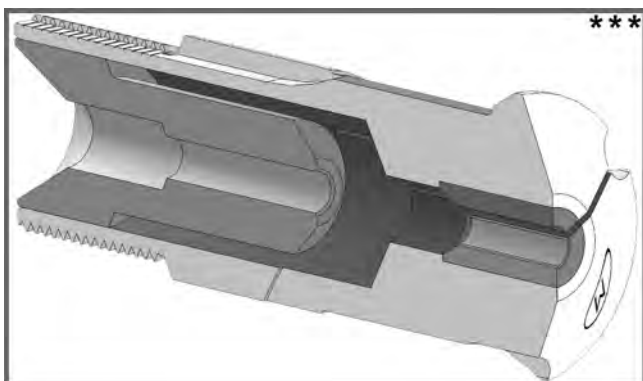


Butée

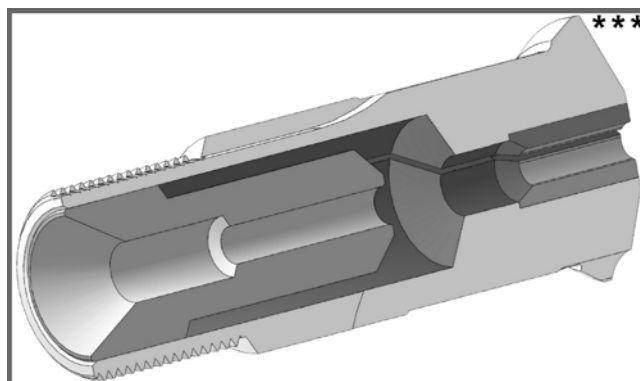


Anschlag

Back stops

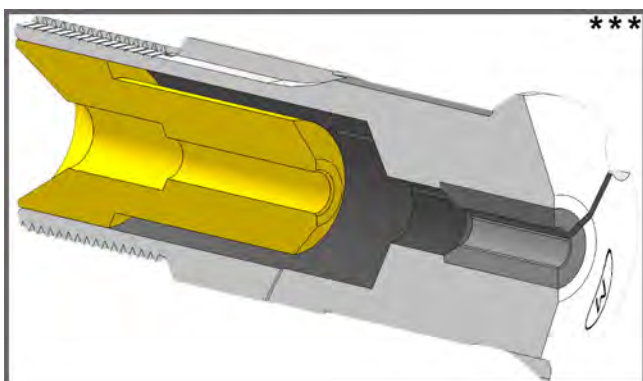


Guide de précision acier

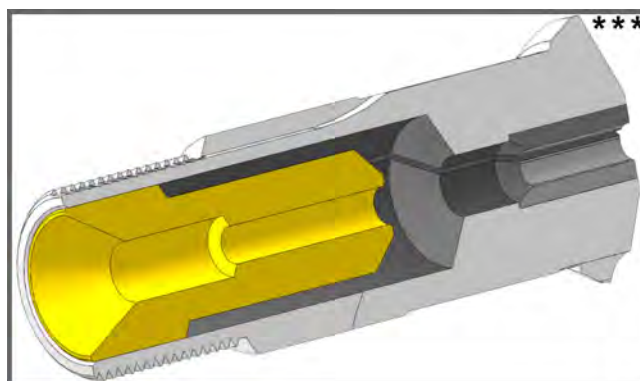


Präzisionsführung Stahl

Precision guide steel

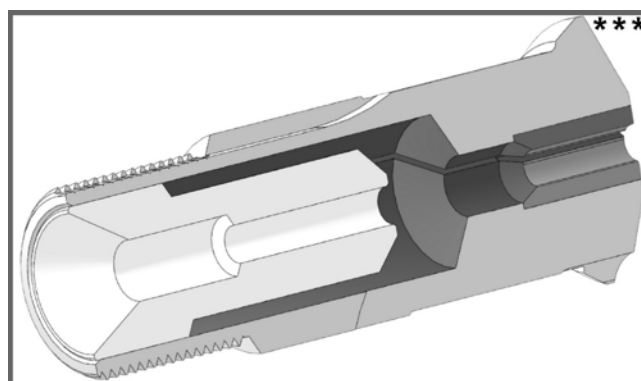
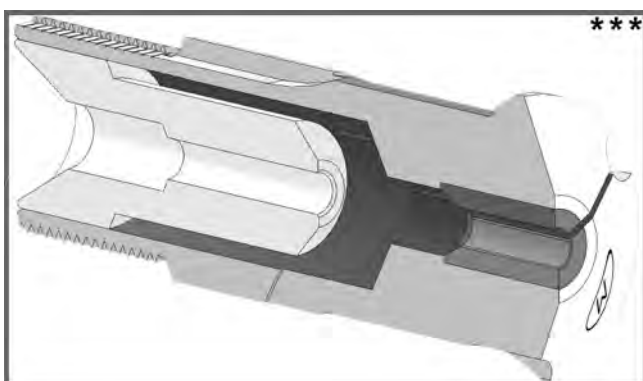


Guide laiton



Messing-Führung

Brass guide



Guide plastique

Kunststoffführung

Plastic guide

Douilles

Hülsen

Sleeves



Douille + écrou
Hülse + Mutter
Sleeve + nut 51



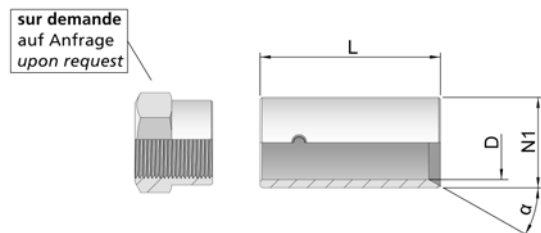
Porte Pince
Zangenhülse
Collet sleeve 52



Douille + écrou

Hülse + Mutter

Sleeve + nut



N° Serge Meister	D	L	α	N1
D7-10-25-16	7	24	16°	10
D9-12-39-16	9	39	16°	12
D9-13-39-16	9	39	16°	13
D9-13-40-60	9	40	30°	13
D9-15-40-30	9	40	30°	15
D11-15-40-30	11	40	30°	15
D11-15-50-16	11	50	16°	15
D12-16-40-30	12	40	30°	16
D12-16-48.5-16	12	48.5	16°	16
D16-20-50-30	16	50	30°	20
D16-22-52-16	16	52	16°	22
D16-20-56-16	16	56	16°	20
D17-22-50-30	17	50	30°	22
D18-22-44-30	18	44	30°	22
D18-22-50-30	18	50	30°	22
D20-25-45-30	20	45	30°	25
D22-30-63-16	22	63	16°	30
D22-32-63-16	22	63	16°	32
D22-32-64-16	22	64	16°	32
D22-34-64-16	22	64	16°	34
D22-36-64-16	22	64	16°	36
D24-30-50-30	25	50	30°	30
D25-32-50-30	25	50	30°	32
D28-40-71-30	28	71	30°	40
D28-56-71-30	28	71	30°	56
D32-40-50-30	32	50	30°	40



Douilles

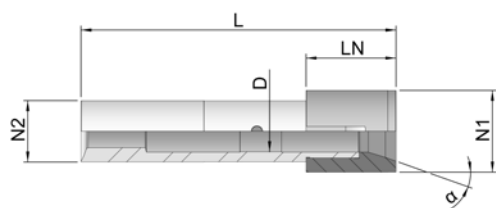
Hülsen

Sleeves

Porte Pince

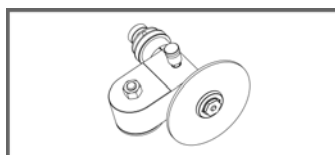
Zangenhülse

Collet sleeve

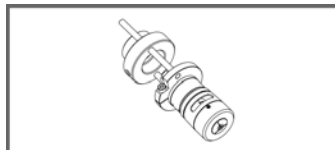


N° Serge Meister	D	L	LN	α	N1	N2
PP7-13-36-15	7	36	25	15°	14	13
PP8-12-66-16	8	66	16	16°	15	12
PP10-15-60-20	10	60	34	20°	20	15
PP10-20-62.7-20	10	62.7	7	20°	24	20
PP10-14-77-20	10	77	22	20°	19	14
PP10-15-77-20	10	77	22	20°	20	15
PP10-18-85.5-20	10	85.5	32	20°	23.8	18
PP10-18-88-20	10	88	22	20°	23	18
PP10-18-93-20	10	93	22	20°	21	18
PP13-18-85.5-16	13	85.5	32	16°	23.8	18
PP13-18-88-16	13	88	22	16°	23	18
PP14-20-62.7-13	14	62.7	7	13°	24	20
PP14-21-66-13	14	66	22	13°	24	21
PP15-21-54.7-20	15	54.7	11.4	20°	25	21
PP15-20-85-16	15	85	21	16°	24	20
PP15-20-86-16	15	86	14	16°	27	20
PP15-22-90-16	15	90	22	16°	26	22
PP15-22-91-16	15	91	30	16°	26	22
PP16-22-90-16	16	90	22	16°	26	22
PP16-22-91-16	16	91	30	16°	26	22
PP20-28-114-16	20	114	38	16°	33	28

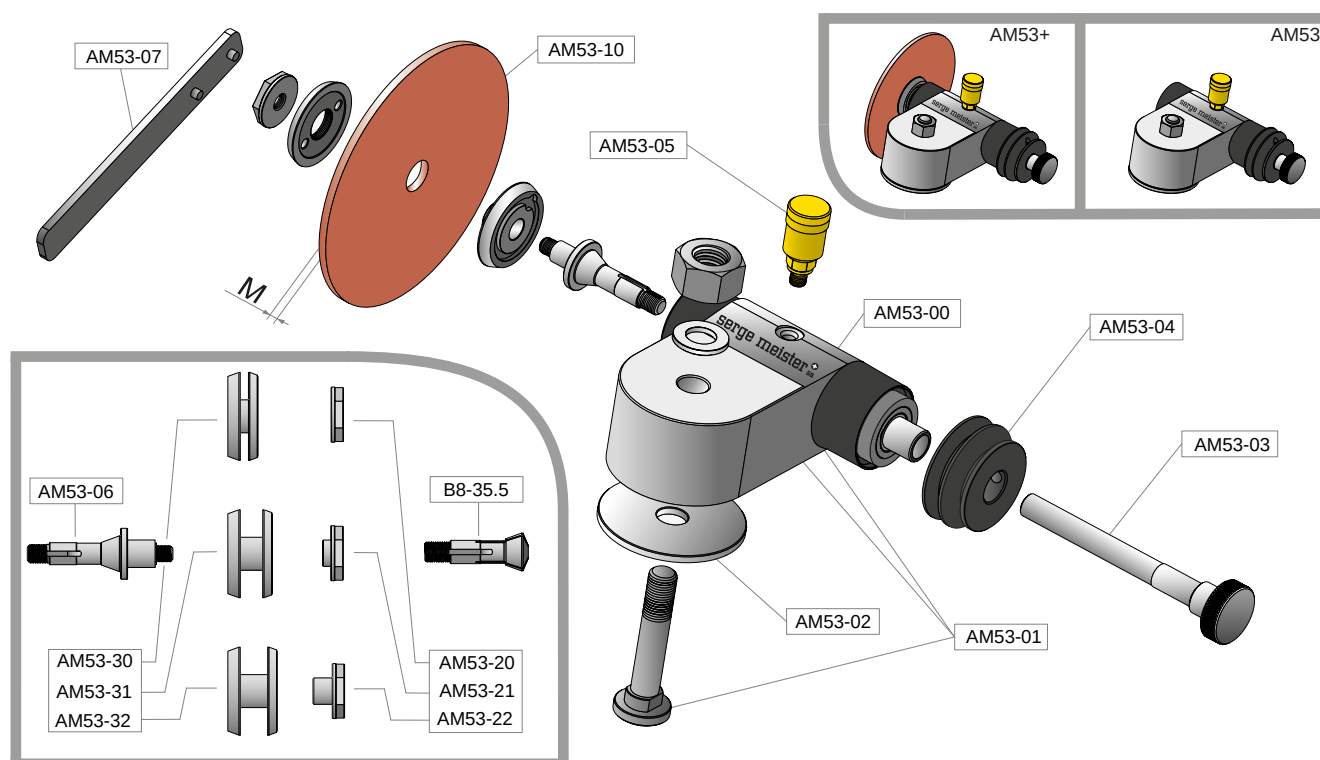




Appareil à meuler
 Schleifapparat 54
Grinding unit



Canon tournant
 Mitlaufende
 Führungsbüchse 55
Revolving guide bush



- 8'000 tr/min max
 - Huile MOTOREX COREX HLP-D 10
 (ISO 2-680)

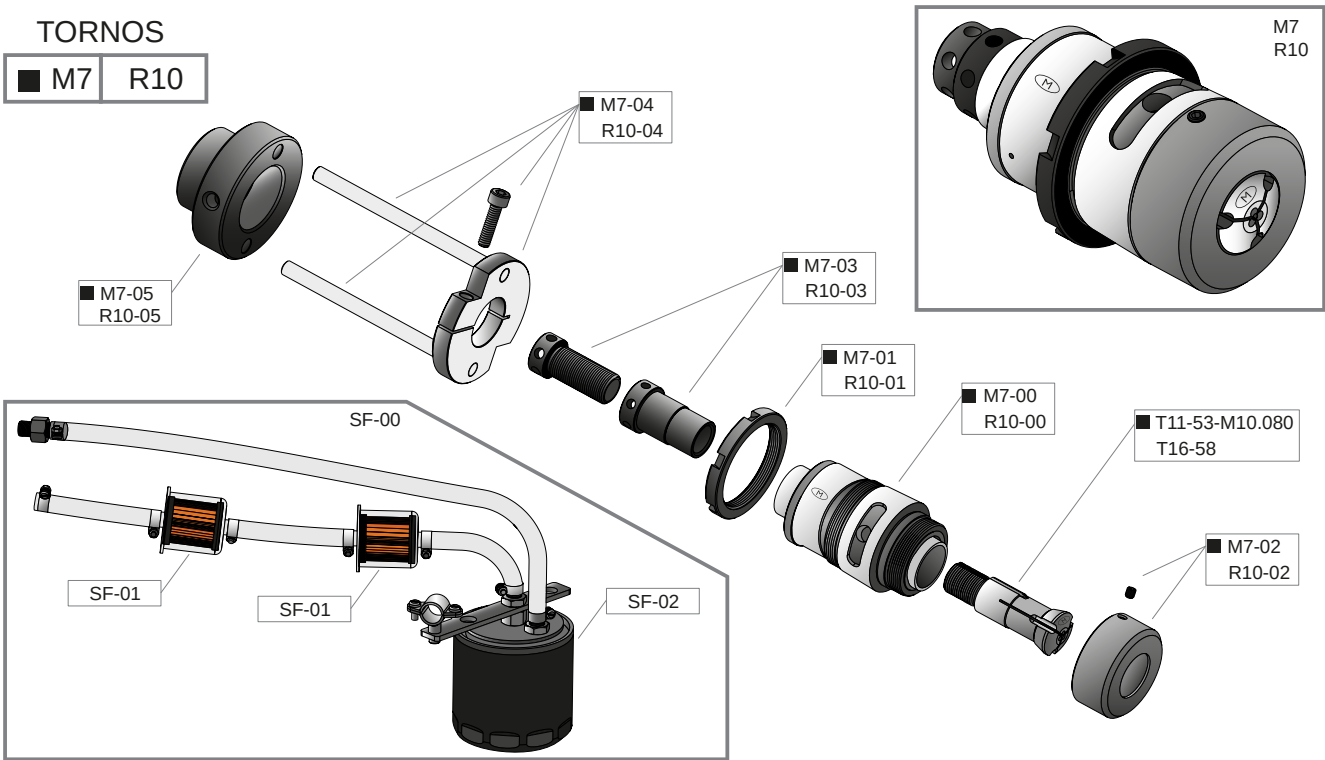
- 8'000 u/min max
 - Öl MOTOREX COREX HLP-D 10
 (ISO 2-680)

- 8'000 r.p.m max
 - Oil MOTOREX COREX HLP-D 10
 (ISO 2-680)

N° Serge Meister	M	AM53	AM53+
AM53-00		x	x
AM53-01		x	x
AM53-02		x	x
AM53-03		x	x
AM53-04		x	x
AM53-05		x	x
AM53-06			x
AM53-07			x
AM53-10	4,2 mm		x
AM53-20	(1) 3mm - 4,5mm		x
AM53-30	(1) 3mm - 4,5mm		x
AM53-21	(2) 4,5mm - 8mm		
AM53-31	(2) 4,5mm - 8mm		
AM53-22	(3) 8mm - 10mm		
AM53-32	(3) 8mm - 10mm		

TORNOS

■ M7 R10



- 10'000 tr/min max

- 10'000 u/min max

- 10'000 r.p.m max

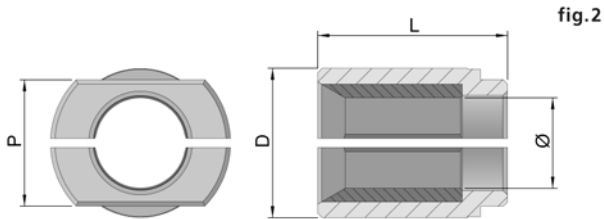
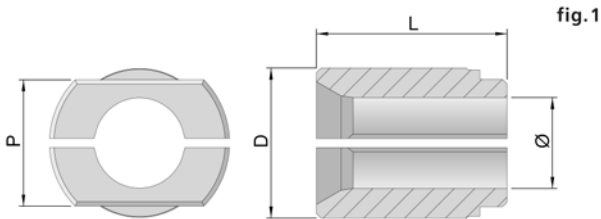
N° Serge Meister	M7	M7+	R10	R10+
M7-00	x	x		
M7-01	x	x		
M7-02	x	x		
M7-03	x	x		
M7-04		x		
M7-05		x		
MS7-05				
R10-00			x	x
R10-01			x	x
R10-02			x	x
R10-03			x	x
R10-04				x
R10-05				x
SF-00		x		x
SF-01				
SF-02				



Mâchoires

Backen

Jaws



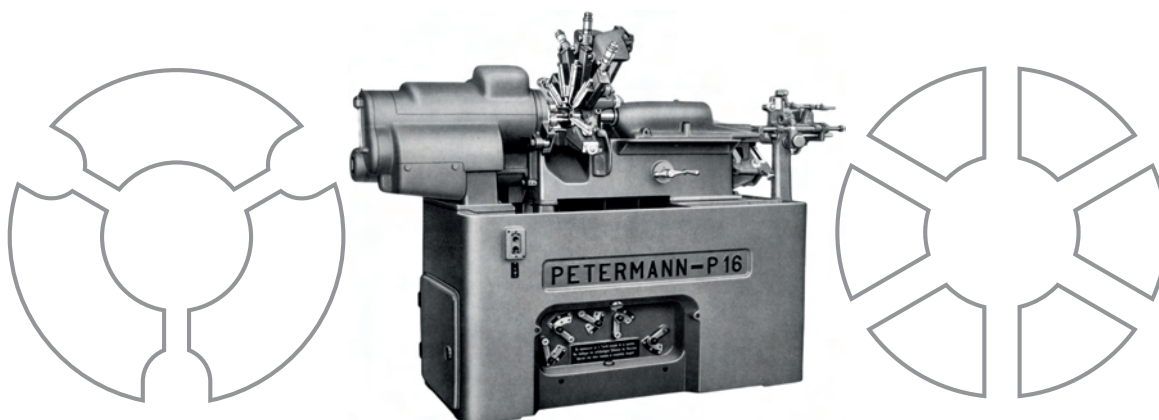
N° Serge Meister	D	L	P	fig.
AS14-CUBE	13.5	21	11	1
AS14-MD	13.5	21	11	2
SAS16-CUBE	16.5	21	14	1
SAS16-MD	16.5	21	14	2



Machines

Maschinen

Machinery



Bechler

Bechler

Bechler



André Bechler SA Moutier

Fabrique de machines

Type de machine	Canon	Pince broche principale
A-4	T9-44 / T9-50	F10/1178 (111E)
A-7	T12-50-M10.075 / T11-50 / T12-50-M12.1	F10-42.6
A-10 / AR-10	T12-50-M10.075 / T11-50 / T12-50-M12.1	F14-42
BR-12 / BR-16 / BR-20	T22-68-M19.1 / T28-81 / T32-71 /	

Citizen

Citizen

Citizen



CITIZEN

Type de machine	Canon	Pince broche principale
A-20	T28-82-M25.1	F25-67
B-12	T18-59-M16.1	F16-58
B-20	T28-82-M25.1	F25-67
C-16	T24-61	F20-60
E-16	T24-61	F25-67
E-20	T32-71	F25-67
E-25	T34-87.5	F30-70
E-32	T42-82-C16	F37-82
F-12	T18-59	F16-58
F-16	T24-61	F20-60
F-20	T32-71	F25-67
F-25	T34-87.5	F30-70
K-12	T18-59	F16-58
K-16	T24-61	F25-67
L-10 I	T16-58	F15-58
L-10 Watch	T9-44	F15-58



Citizen

Citizen

Citizen



CITIZEN

Type de machine	Canon	Pince broche principale
L-12	T18-59	F16-58
L-16	T24-61	F25-67
L-20	T28-82-M25.1	F25-67
L-25	T34-87.5	F30-70
L-32	T42-82-C16	F37-82
M-12	T18-59	F16-58
M-16	T24-61	F20-60
M-20	T28-82-M25.1	F25-67
M-32	T42-82-C16	F37-82
MSL-12	T18-59	F16-58
R-04	T9-44	F8-37.5
R-07	T11-53	F15-58



Hanwha

Hanwha

Hanwha



Type de machine	Canon	Pince broche principale
SL-12 S/H	T18-59-M16.1	F15-58 / F16-58
SL-16 S/H	T22-68-M22.1	F22-49
SL-20 S	T28-82-M25.1	F25-67
SL-26 HP II	T34-87.5	F32-67
SL-26 S/H	T34-87.5	F32-67
SL-32 HP II	T42-82-C16	F37-82
SL-32 HPD	T42-82-C16	F37-82



Hanwha

Hanwha

Hanwha



Type de machine	Canon	Pince broche principale
SL-32 S/HE	T42-82-C16	F37-82
SL-35 HP	T45-82	?
STL-32H	T42-82-C16	F37-82
XD-07	T11-53	F10-42
XD-12 H	T18-59-M16.1	F15-58
XD-12 J	T18-59-M16.1	F16-58
XD-16 H	T22-68-M22.1	F22-49
XD-20 H	T28-82-M25.1	F25-67
XD-20 M	T28-82-M25.1	F25-67
XD-20 N	-	F25-67
XD-20 V	T28-82-M25.1	F25-67
XDI-20	T28-82-M25.1	F25-67
XD-26 H	T34-87.5	F32-67
XD-32 H	T42-82-C16	F37-82
XD-35	T45-82	T45-82??
XD-38	- JBS	F48-85
XP-12 S	T18-59-M16.1	F15-58
XP-16 S	T22-68-M22.1	F22-49
XP-20 S	T28-82-M25.1	F25-67
XP-26 S	T34-87.5	F32-67

←

→



MANURHIN K'MX

MANURHIN K'MX

MANURHIN K'MX



Type de machine	Canon	Pince broche principale
Compact	T24-61	F20-49
First 226/326C	T22-68 / T25-81 / T34-87.5	F20-49
KMX-20/220	T25-81 / T22-68	F25-67 / F32-67
KMX-26/226	T22-68 / T25-81 / T34-87.5	F25-67 / F32-67
Mirabel PM32	T22-68 / T25-81 / T42-82	F25-67 / F42-85
OM-98/KL-32	T42-82	
Swing-13	T18-59	
Swing-20	T25-81	
Swing-26	T22-68 / T34-87.5	F38.08-98.5
Swing-32	T22-68 / T25-81 / T34-87.5 / T42-82	F42-85
Traminer-13	T18-59	F18-60
Traminer-16	T22-68	F20-60
Traminer-20	T22-68 / T25-81	F25-67
Twin-13	T22-68	F20-49
Twin-20	T22-68 / T25-81	F20-49
XL-32	T42-82	F42-85
XL-36	T48-81	F42-85 / F48-85

Nexturn

Nexturn

Nexturn



Type de machine	Canon	Pince broche principale
SA-12A	T18-59-M16.1	F16-58
SA-12B	T18-59-M16.1	F16-58

Nexturn

Nexturn

Nexturn



NEXTURN
 SWISS TURN LEADER

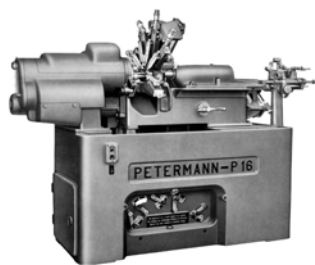
Type de machine	Canon	Pince broche principale
SA-18A	T28-82-M25.1	F25-67
SA 20B	T28-82-M25.1	F25-67
SA-20D	T28-82-M25.1	F25-67
SA-20E	T28-82-M25.1	F25-67
SA 20PII	T28-82-M25.1	F25-67
SA 20PYII	T28-82-M25.1	F25-67
SA 20XII	T28-82-M25.1	F25-67
SA-26D	T34-87.5	F32-67
SA-26E	T34-87.5	F32-67
SA 26PII	T34-87.5	F32-67
SA 26PYII	T34-87.5	F32-67
SA 26XII	T34-87.5	F32-67
SA-32D	T42-82-C16	F37-82
SA-32E	T42-82-C16	F37-82
SA 32B	T42-82-C16	F37-82
SA 32PII	T42-82-C16	F37-82
SA 32PYII	T42-82-C16	F37-82
SA 32XII	T42-82-C16	F37-82
SA 32XIII	T42-82-C16	F37-82
SA-38E	T46-92	F42-85
SA 38PII	T46-92	F42-85
SA 38PYII	T46-92	F42-85
SA 38XIII	T46-92	F42-85



Petermann

Petermann

Petermann



Petermann

Type de machine	Canon	Pince broche principale
P-3	T7-30 / T7-29	F7-36
P-4	T9-44 / T9-50 / T9-26	F8-37.5
P-7	T12-50-M10.075 / T12-50-M12.1	F10-42
P-7R	T12-50-M10.075 / T12-50-M12.1	F15-42 / F16-50
P-16/P-16R	T22-68-M19.1 / T28-81 / T32-71 / T24-61	F22-59
P-20R/P-25	T32-71 / T40-72-M40.1	F32-59
10-HS	T16-58 / T20-55 / T22-68-M19.1	F16-50 / F20-55

Star

Star

Star



star

Type de machine	Canon	Pince broche principale
ECAS-20	T28-82-M25.1	F25-67
ECAS-32	T42-82-C16	F37-82
JNC-10	T16-58 / év.T16-59	F15-58
JNC-16	T22-68-M22.1	F20-60
JNC-32	T42-82-C16	F37-82
KJR-16	T22-68-M22.1	F20-60
KJR-25	-	F30-70
KNC-20	T28-82-M25.1	F25-67
KNC-32	T42-82-C16	F37-82
RNC-10	T16-58	F15-58
RNC-16	T22-68-M22.1	F20-60
SA-12/16	T22-68-M22.1	F20-60

Star

Star

Star



Type de machine	Canon	Pince broche principale
SB-12	T18-59-M16.1	F16-58
SB-16	T22-68-M22.1	F20-60
SB-20	T28-82-M25.1	F25-67
SB-20RG	T28-82-M25.1	F25-67
SE-16	T22-68-M22.1	F20-60
SF-25	-	F37-82
SH-7	T16-58	F15-58
SH-12	T21-57.4	F20-60
SH-16	T22-68-M22.1	F20-60
SI-12 NP	T22-68-M22.1	F20-60
SNC-15	T22-68-M22.1	F20-60
SR-10J	T16-58 (év. T16-59)	F15-58
SR-16	T22-68-M22.1	F20-60
SR-20J	T28-82-M25.1	F25-67
SR-20JN	-	F25-67
SR-20R	T28-82-M25.1	F25-67
SR-20RIV -/B	T28-82-M25.1	F25-67
SR-32	T42-82-C16	F37-82
SR-32J	T42-82-C16	F37-82
SR-32JN	-	F37-82
SR-32JII-A / B	T42-82-C16	F37-82
SR-38-A / B	T42-82-C16	F37-82
SST-16	T22-68-M22.1	F20-60
ST-20	T28-82-M25.1	F25-67
ST-38	T48-82	F48-85
SV-12	T22-68-M22.1	F20-60
SV-20	T28-82-M25.1	F25-67
SV-20R	T28-82-M25.1	F25-67
SV-32	T42-82-C16	F37-82
SV-38R	T48-82	F48-85



Machines

Maschinen

Machinery

Star

Star

Star



Type de machine	Canon	Pince broche principale
SW-12RII	T18-59-M16.1	F16-58
SW-20	T28-82-M25.1	F25-67
SW-7	T11-53	F15-58
SW-7R	T16-58 (év. T16-59)	F15-58
VNC-12	T21-57.4	F20-60
VNC-20	T28-82-M25.1	F25-67
VNC-32	T42-82-C16	F37-82

Tornos

Tornos

Tornos



Type de machine	Canon	Pince broche principale
CT-20	T28-82	F25-67
DECO-7	T11-53	F10-42
DECO-8 SP	-	W15
DECO-10	T16-59	F13-58 (F10-42)
DECO-13	T24-61	F20-49 (F13-58/F15-58/F16-58)
DECO-20	T28-81/T34-87.5	F25-67 (F30-59/F20-60)
DECO-26 (32)	T34-87.5 / T42-82-C16	F37-82/(F30-59/F25-67)
DELTA-12	T24-61	F20-60/F13-58/F15-58
DELTA-12 version III	T26-77 / T24-61	F20-60/F13-58/F15-58
DELTA-20	T28-81 / T26-77	F25-67 / F13-58
DELTA-20 version III	T28-81 / T26-77	F25-67 / F13-58
DT26	T34-87.5	F25-67 / F30-59



Tornos

Tornos

Tornos



TORNOS

Type de machine	Canon	Pince broche principale
ENC-74/75	T16-59	F13-58
ENC-163/164/167	T24-61/T28-81/T16-59	F25-67/F20-60/F15-58
ENC-262/264	TOP-200	F30-59
EVODECO-20	T34-87.5 / T28-81	F25-67 / F30-59
EVODECO-32	T42-82	F25-67 / F30-59 / F37-82
GAMMA-20/6	T26-77 / T28-81	F25-67
GT-13	T18-59-M16.1	F13-58 / F16-58
GT-26	T34-87.5	F25-67 / F30-59
GT-32	T42-82	F37-82
EVODECO-10	T16-59	F13-58 / F15-58 / F16-58 / F20-49 /
EVODECO-16	T24-61	F13-58 / F15-58 / F16-58 / F20-49 /
M-4	T9-50 / T9-44 / MAG-B-10	F8-37.5
M-7	T11-53 / MAG-B-13 / T12-50-M12.1	F10-42
MS-7	T18-59 / MAG-B-18	F13-58 / F15-58
MICRO-7	T11-53	F13-58
MICRO-8	-	W15
MR-28/32	T42-82-C16 / T44-87	F37-82
NAT-125	T16-59	F16-58
R-10	T18-59 / T16-59 / MAG-B-18	F15-58 / F16-58
R-16	T22-68	F20-60
RR-20	T22-68 / MAG-B-36	F25-67
SIGMA-8	-	W15
SIGMA-20	T34-87.5 / T28-81	F30-59/F25-67/F20-60
SIGMA-32	T42-82-C16/T34-87.5	F37-82/F30-59/F25-67
ST-26	T34-87.5	F20-49 / F25-67 / F26-60 / F30-59
Swiss NANO	T11-53	F8-37.5 / F10-42 / F13-58
Swiss NANO 7	T11-53	F13-58 / F10-42
TOP-100	TOP-100	F15-58/F16-58
TOP-200	TOP-200	F25-67/F30-59



Tornos Multibroches

Tornos Multibroches

Tornos Multibroches



TORNOS

Type de machine	Pince broche	Pince contre-broche	Pince de ravitaillement
MultiAlpha 6x32	-	PR35.5-80	
MultiAlpha 8x20	B34-90	PR28-73	
MultiAlpha 8x28	-	PR35.5-80	
MultiDeco 20/6	B34-90	PR28-73	
MultiDeco 20/6b	B34-90	PR28-73	
MultiDeco 20/8	B34-90	PR28-73	
MultiDeco 20/8b	B34-90	PR28-73	
MultiDeco 26/6	-	PR35.5-80	
MultiDeco 32/6i	-	PR35.5-80	
MultiSigma 8x20	B34-90	PR28-73	
MultiSigma 8x28	-	PR35.5-80	
MultiSwiss 6x16	MS23-75	F20-49	F16-58-8
MultiSwiss 6x32	DC43-68	F37-82	PR35.5-80
MultiSwiss 8x26	DC35-60	F37-82	PR35.5-80
SAS 16.6	W25-94	F16-58-8	

Tsugami

Tsugami

Tsugami



TSUGAMI



SWISS

Type de machine	Canon	Pince broche principale
B-32	T41-54	F37-82
B007E	T11-53	F10-42
B074E	T11-53	F10-42
B012AE/CE	T24-61	F22-49

Tsugami

Tsugami

Tsugami



Type de machine	Canon	Pince broche principale
B018AE/CE	T24-61	F22-49
B020AE/CE	T28-81	F25-67
B0123E/4E/5E	T24-61	F22-49
B0126	T26-77	F22-49
B0128WE	T24-61	F22-49
B0203E/4E/5E	T28-81	F25-67
B0206	T26-77 / T28-81	F25-67
B0208WE	T28-81	F25-67
B0265E/6E	T34-87.5	F30-59
B038ME	T48-81-C10	F48-85
B038TE	T42-82-C16	F37-82
B0325E/6E	T42-82-C16	F37-82
B0385E, Bar Ø 32	T42-82-C16	F37-82
B0385E, Bar Ø 38	T48-81-C10	
BH20E/ZE	T28-81	F25-67
BH38E, Bar Ø 32	T42-82-C16	F37-82
BH38E, Bar Ø 38	T48-81-C10	
BN12E	T24-61	F22-49
BN20E	T28-81	F25-67
BS 007	T11-53	F10-42
BS12AE/BE/CE	T24-61	F22-49
BS125HE/6HE	T24-61	F22-49
BS18AE/BE/CE	T24-61	F22-49
BS20AE/BE/CE	T28-81	F25-67
BS32CE	T41-54	F37-82
BS205HE/6HE	T28-81	F25-67
BS26AE/BE/CE	T34-87.5	F32-67
BU20E	T28-81	F25-67
BU26E	T34-87.5	F32-67
BU/MU 26	T34-87.5	F32-67



Tsugami

Tsugami

Tsugami



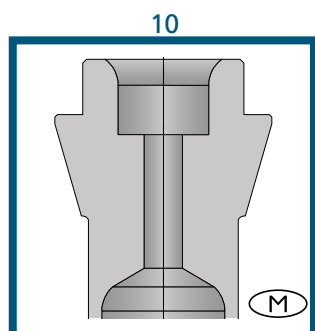
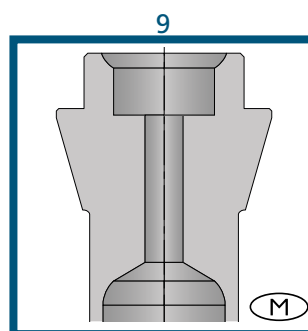
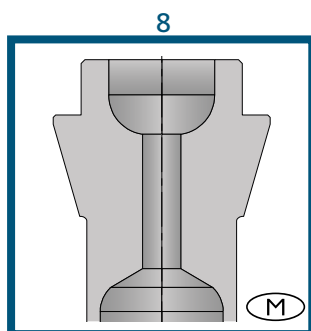
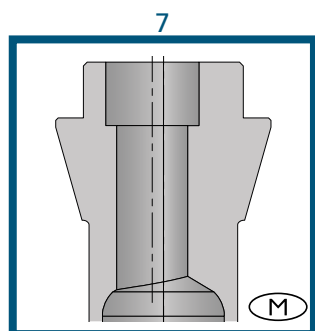
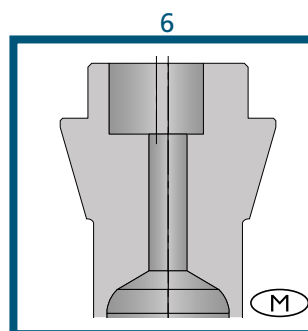
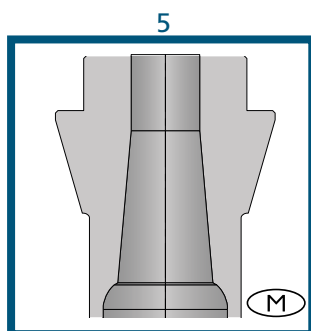
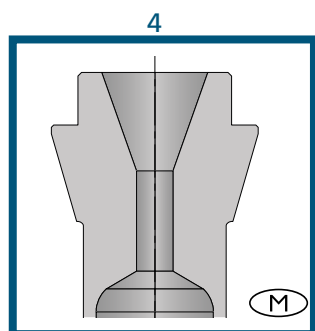
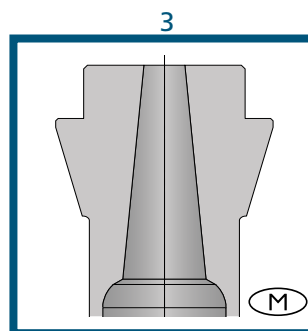
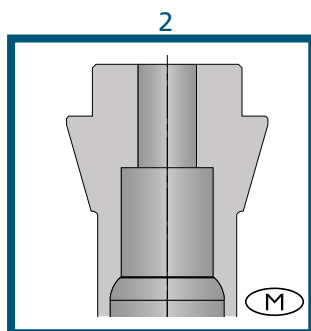
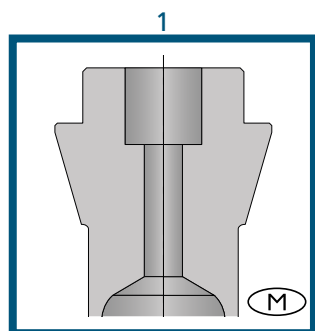
Type de machine	Canon	Pince broche principale
BU/MU 38	T48-81-C10	F37-82
BW07E	T11-53	F10-42
BW12E	T24-61	F22-49
BW20E	T28-81	F25-67
BW127E/8E/8ZE/9ZE	T24-61	F22-49
BW207E/8E/8ZE/9ZE	T28-81	F25-67
H205E/6E	T28-81	F25-67
HS20	T28-81	F25-67
HS26	T34-87.5	F30-59
HS32	T42-82-C16	F37-82
HS38MH	T48-81-C10	F48-85
HS38MH/5AX	T48-81-C10	F37-82
HS207	T28-81	F25-67
NP-4W	T11-53	F10-42
NT-NP 11	T18-59	F15-58
NT-NP 16	T22-68	F22-49
NT-NP 16-II	T24-61 / T22-68	F22-49
NT-NP 17	T24-61 / T22-68	F22-49
NT-NP 20	T32-71	F25-67
NT-NP 20-II	T28-81	F25-67
NT-NP 32	T42-82-C16	F37-82
P01E	T11-53	F10-42
P03E	T11-53	F10-42
P014E/HE	T11-53	F10-42
P034E/HE	T11-53	F10-42
S20	T28-81	F25-67
S205E/6E	T28-81	F25-67
TMU1E, Bar Ø 32	T42-82-C16	F37-82
TMU1E, Bar Ø 38	T48-81-C10	F48-85



Pince sur mesure

Kundenspezifische Spannzangen

Custom made Collets



Demande d'offre :

1

Société:

Réf.:

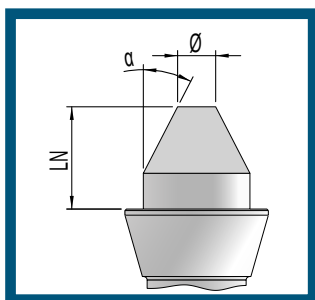
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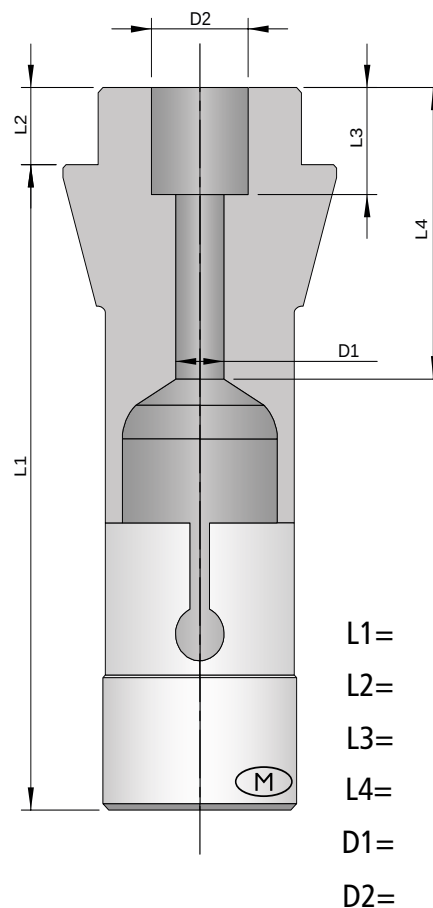
Remarque:

Type de pince:

Quantité:



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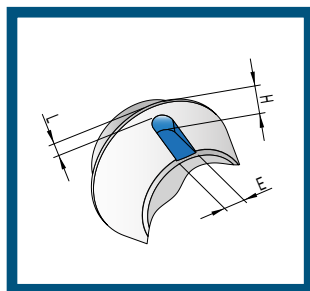


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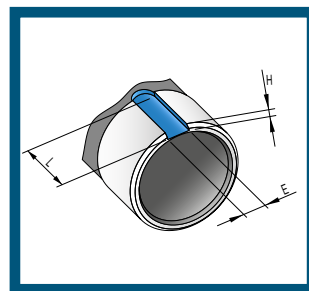
Rainure de clavette

Keilnut

keyway



$H =$
 $L =$
 $E =$



$H =$
 $L =$
 $E =$

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard ($\phi 1.0 \sim 0.2 / \phi 30.0 \sim 0.3$)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

MOVIC®

* Voir page 44

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Sans revêtement



Demande d'offre :

2

Société:

Réf.:

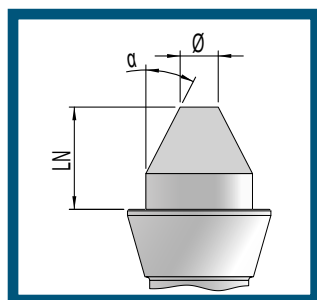
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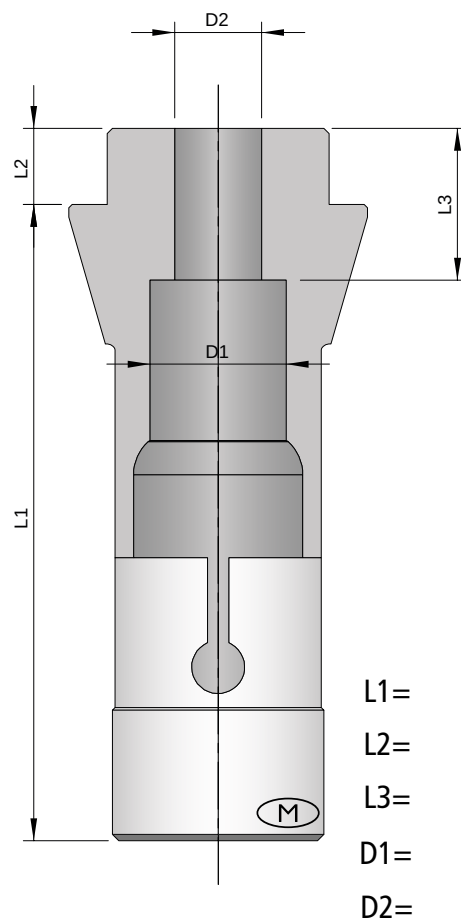
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Quantité:



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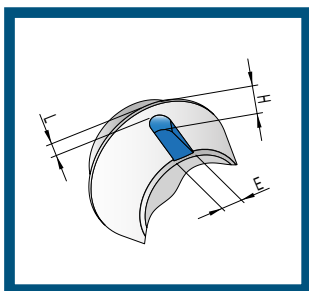


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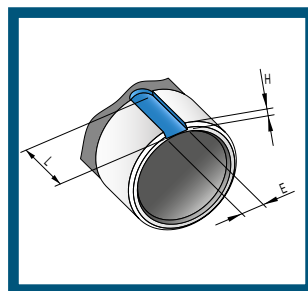
Rainure de clavette

Keilnut

keyway



H=
 L=
 E=



H=
 L=
 E=

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard (Ø1.0~0.2 / Ø30.0~0.3)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

MOVIC®

* Voir page 44

CROMVlc®

Sans revêtement



Demande d'offre :

3

Société:

Réf.:

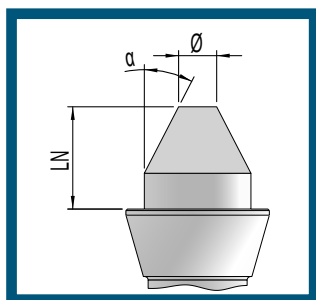
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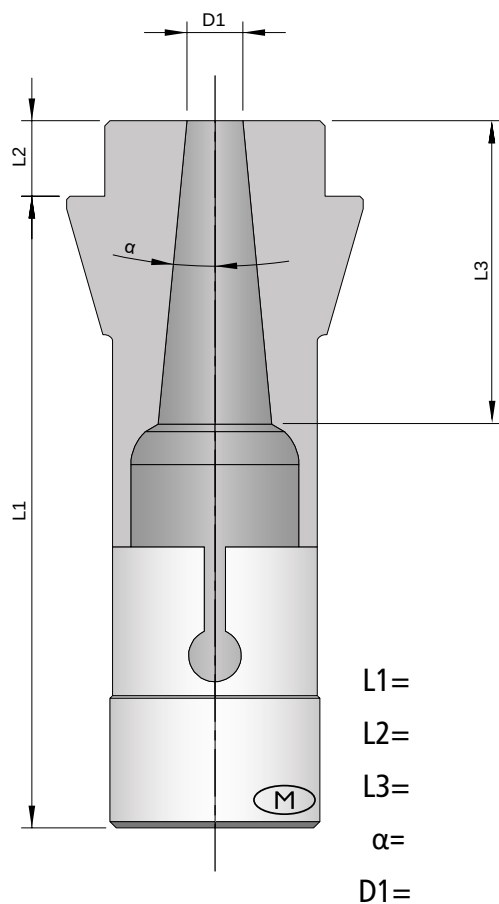
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Quantité:



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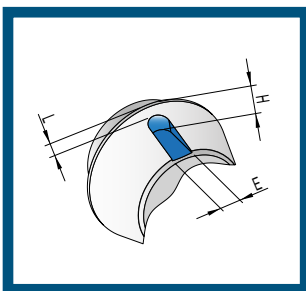


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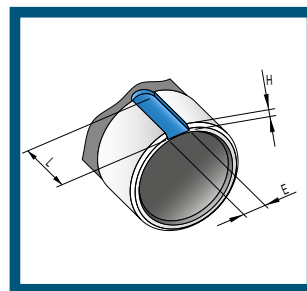
Rainure de clavette

Keilnut

keyway



$H =$
 $L =$
 $E =$



$H =$
 $L =$
 $E =$

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard ($\emptyset 1.0 \sim 0.2$ / $\emptyset 30.0 \sim 0.3$)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

MOVIC®

* Voir page 44

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Sans revêtement



Demande d'offre :

4

Société:

Réf.:

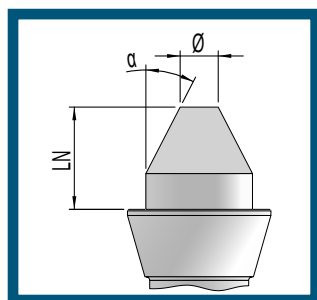
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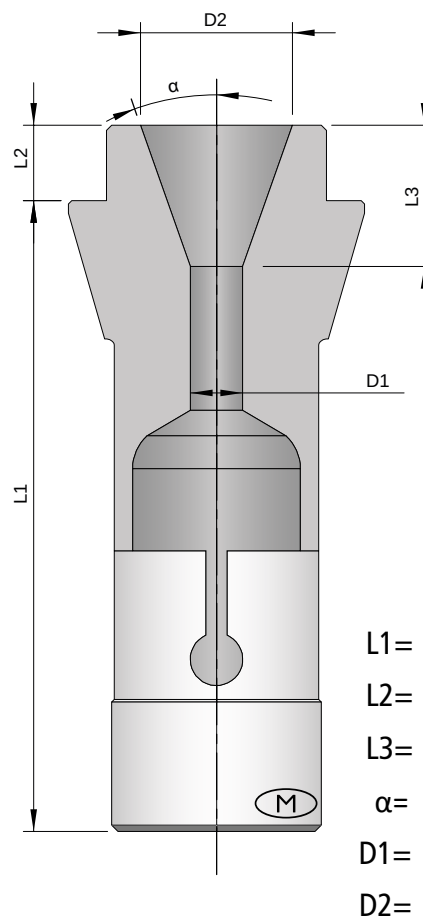
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Quantité:



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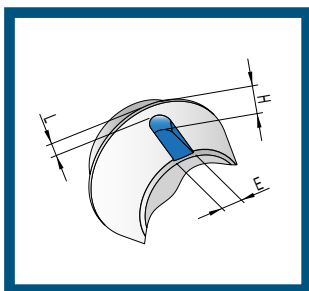


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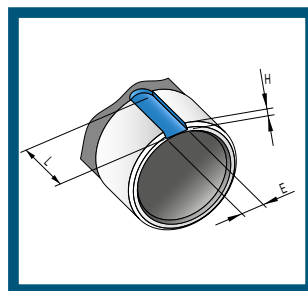
Rainure de clavette

Keilnut

keyway



H=
 L=
 E=



H=
 L=
 E=

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard (Ø1.0~0.2 / Ø30.0~0.3)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

MOVIC®

* Voir page 44

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Sans revêtement



Demande d'offre :

5

Société:

Réf.:

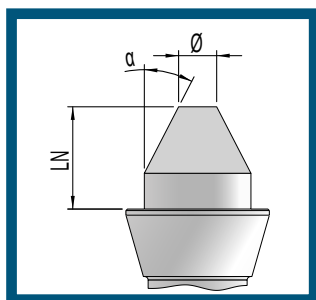
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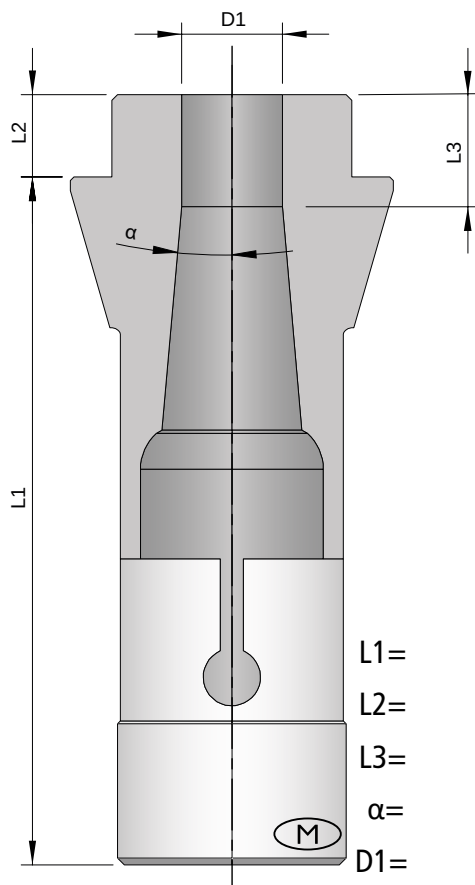
Remarque:

Type de pince:

Quantité:



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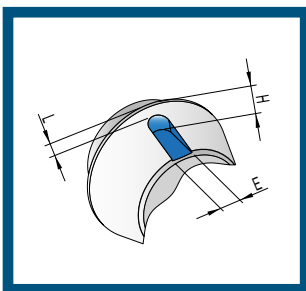


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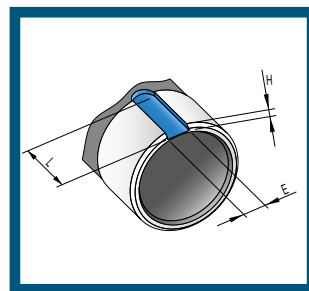
Rainure de clavette

Keilnut

keyway



H=
 L=
 E=



H=
 L=
 E=

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard (Ø1.0~0.2 / Ø30.0~0.3)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

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* Voir page 44

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Demande d'offre :

6

Société:

Réf.:

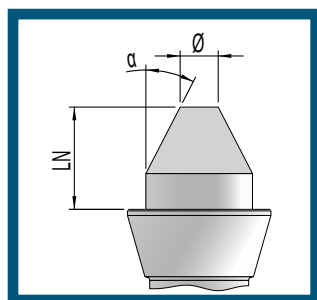
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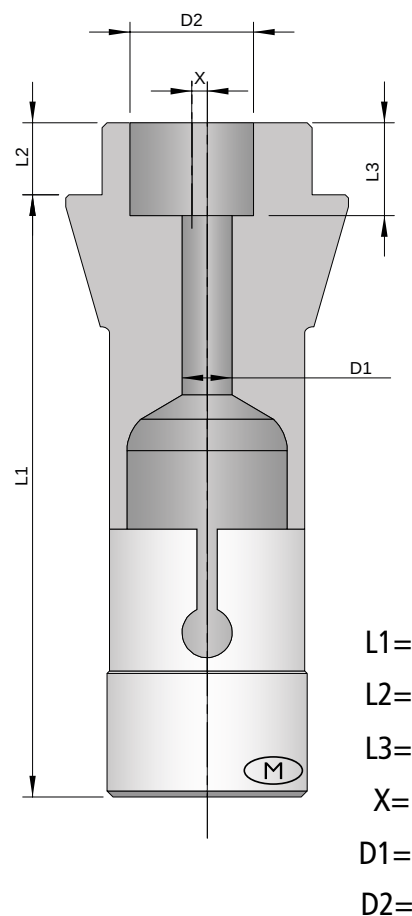
Remarque:

Type de pince:

Quantité:



$\theta =$
 $LN =$
 $\alpha =$

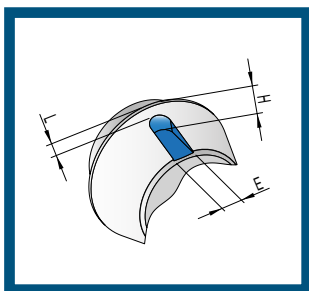


$L1 =$
 $L2 =$
 $L3 =$
 $X =$
 $D1 =$
 $D2 =$

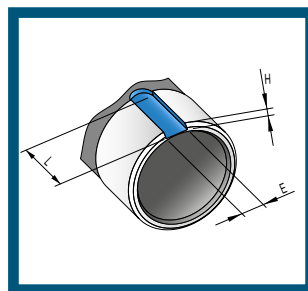
Rainure de clavette

Keilnut

keyway



$H =$
 $L =$
 $E =$



$H =$
 $L =$
 $E =$

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard ($\emptyset 1.0 \sim 0.2$ / $\emptyset 30.0 \sim 0.3$)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

MOVIC®

* Voir page 44

CROMVIC®

Sans revêtement



Demande d'offre :

7

Société:

Réf.:

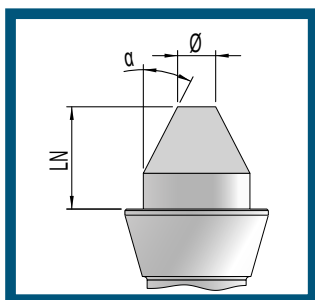
Tél.:

Mail:

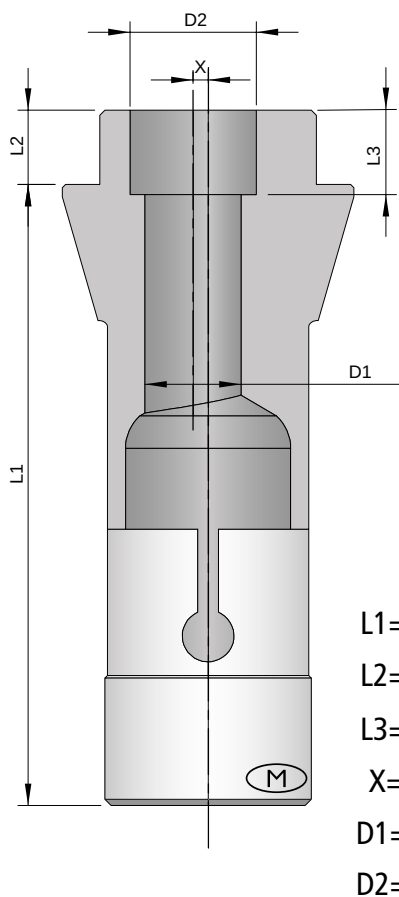
Remarque:

Type de pince:

Quantité:



$\phi =$
 $LN =$
 $\alpha =$

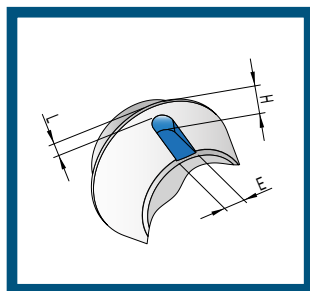


$L1 =$
 $L2 =$
 $L3 =$
 $X =$
 $D1 =$
 $D2 =$

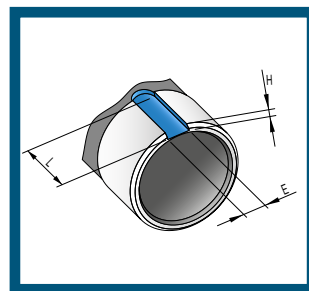
Rainure de clavette

Keilnut

keyway



$H =$
 $L =$
 $E =$



$H =$
 $L =$
 $E =$

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard ($\phi 1.0 \sim 0.2 / \phi 30.0 \sim 0.3$)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

MOVIC®

* Voir page 44

CROMVlc®

Sans revêtement



Demande d'offre :

8

Société:

Réf.:

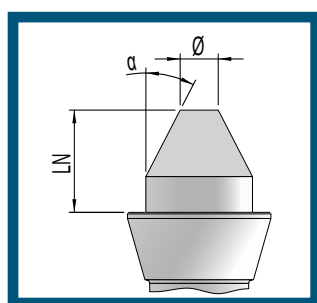
Tél.:

Mail:

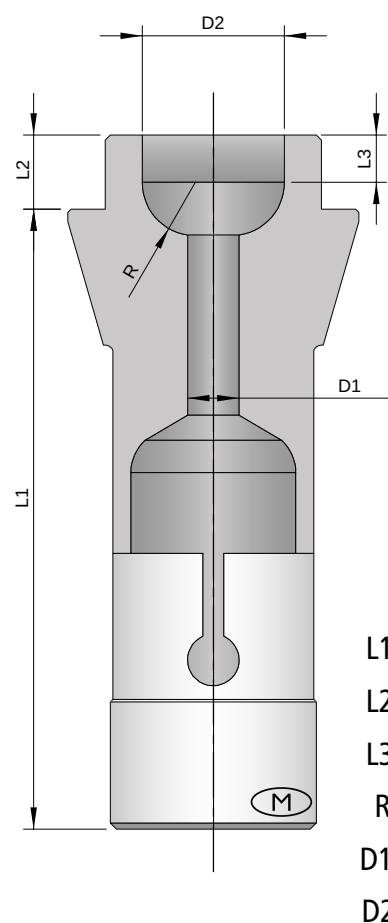
Remarque:

Type de pince:

Quantité:



Ø=
 LN=
 α=

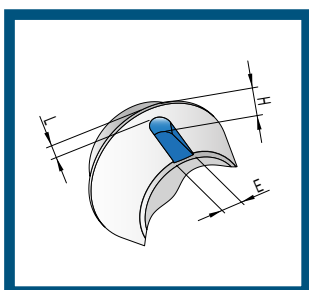


L1=
 L2=
 L3=
 R=
 D1=
 D2=

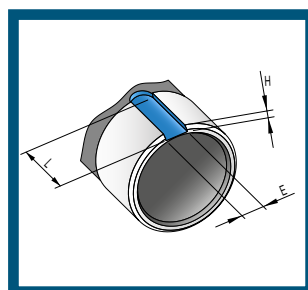
Rainure de clavette

Keilnut

keyway



H=
 L=
 E=



H=
 L=
 E=

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard (Ø1.0~0.2 / Ø30.0~0.3)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

MOVIC®

* Voir page 44

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Sans revêtement



Demande d'offre :

9

Société:

Réf.:

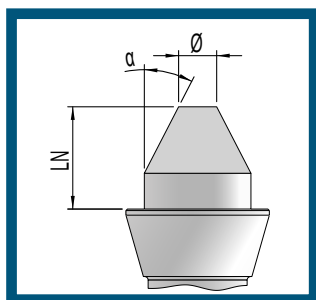
Tél.:

Mail:

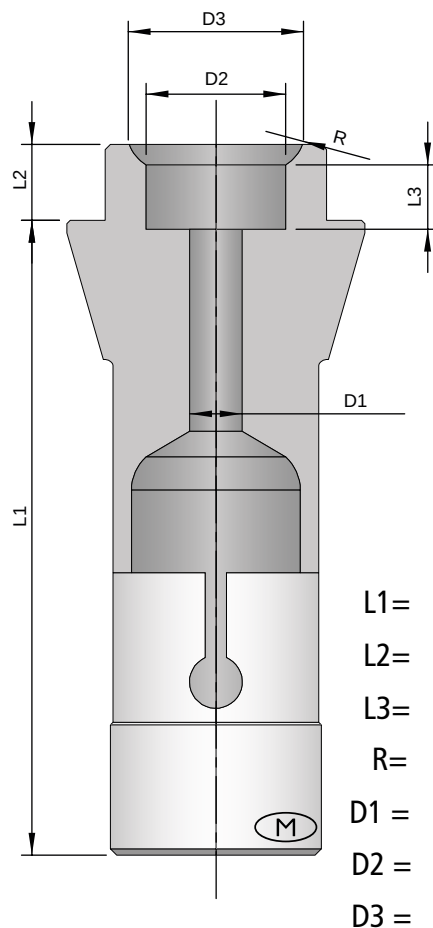
Remarque:

Type de pince:

Quantité:



$\phi =$
 $LN =$
 $\alpha =$

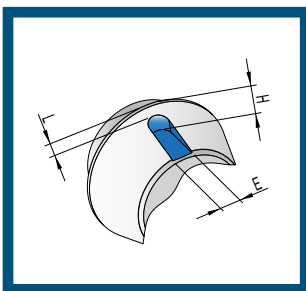


$L1 =$
 $L2 =$
 $L3 =$
 $R =$
 $D1 =$
 $D2 =$
 $D3 =$

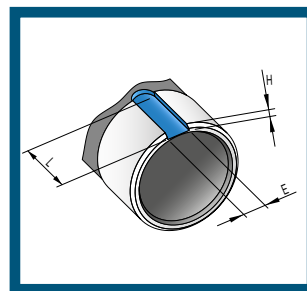
Rainure de clavette

Keilnut

keyway



$H =$
 $L =$
 $E =$



$H =$
 $L =$
 $E =$

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard ($\phi 1.0 \sim 0.2 / \phi 30.0 \sim 0.3$)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

MOVIC®

* Voir page 44

CROMVlc®

Sans revêtement



Demande d'offre :

10

Société:

Réf.:

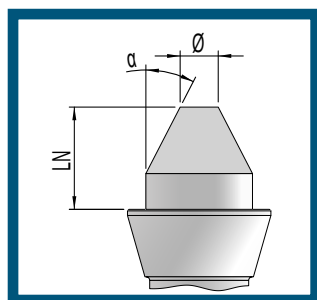
Tél.:

Mail:

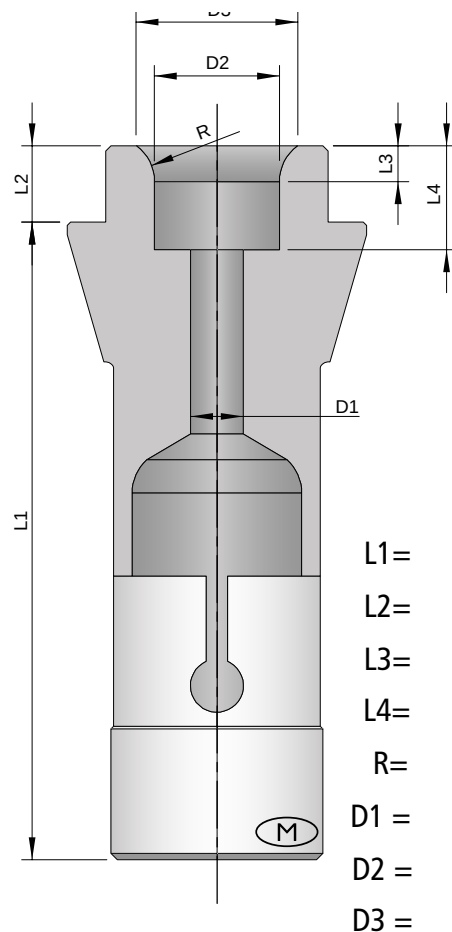
Remarque:

Type de pince:

Quantité:



$\phi =$
 $LN =$
 $\alpha =$

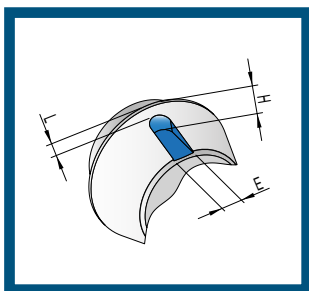


$L1 =$
 $L2 =$
 $L3 =$
 $L4 =$
 $R =$
 $D1 =$
 $D2 =$
 $D3 =$

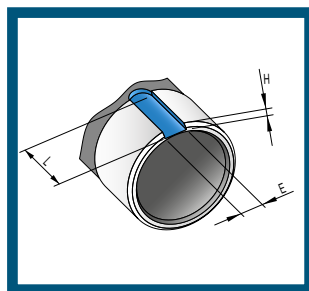
Rainure de clavette

Keilnut

keyway



$H =$
 $L =$
 $E =$



$H =$
 $L =$
 $E =$

Options

Optionen

Options

Type de fentes

Chanfrein d'entrée

Ouverture

Fentes normal 2 3 4

Standard ($\phi 1.0 \sim 0.2 / \phi 30.0 \sim 0.3$)

Ouverture standard 0.2

Fentes fines 2 3 4

Sans chanfrein

Ouverture speciale

Fentes Wave * 2 4

Autre

Standard

TiN

Fentes Zigzag * 2 4

UP

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Sans revêtement



Réalésage	Ausschleifen	Reboring
Réalésage pour toutes les références de canons, pinces et douilles n'excédant pas un diamètre (D) de 48mm - Ø > 2.00 (Selon expertise)	Ausschleifen von Büchsen, Zangen und Hülsen bis zu (D) 48 mm - Ø > 2.00 (Nach Augenscheinnahme)	Reboring of all kinds of guide bushes, collets and Sleeves not exceeding (D) 48 mm - Ø > 2.00 (According to examination)
Rôdage + rectifiage cône et face	Läppen + Nachschleifen Konus und Frontfläche	Lapping + grinding cone and face
Rôdage et retouche du cône et de la face pour toutes les références de canons et de pinces n'excédant pas un diamètre (D) de 48mm. (Selon expertise)	Läppen und Nachschleifen Konus und Frontfläche von Büchsen und Zangen bis zu (D) 48 mm. (Nach Augenscheinnahme)	Grinding of alteration of the cone and face of all kinds of guide bushes and collets not exceeding (D) 48 mm. (According to examination)
Rôdage simple	Läppen einfach	Simple lapping
Rôdage simple de l'alésage pour toutes les références de canons et de pinces n'excédant pas un diamètre (D) de 48mm. (Selon expertise)	Läppen einfach von Büchsen und Zangen bis zu (D) 48 mm. (Nach Augenscheinnahme)	Simple lapping of bores on all kinds of guide bushes and collets not exceeding (D) 48 mm. (According to examination)
Révisions	Revisionen	Revisions
Révisions d'appareils à meuler et de canons tourants. (Selon expertise)	Revision von Scheifapparat und mitlaufender Büchsen. (Nach Augenscheinnahme)	Revision of grinding unit and revolving guide bush. (According to examination)



Tolérances alésages

Bohrungs-Toleranzen

Run out tolerance



N° Serge Meister	Ø min	Ø max	T
Normal	0.12	39.00	0.008 - 0.012
UP	0.12	39.00	≤ 0.005

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