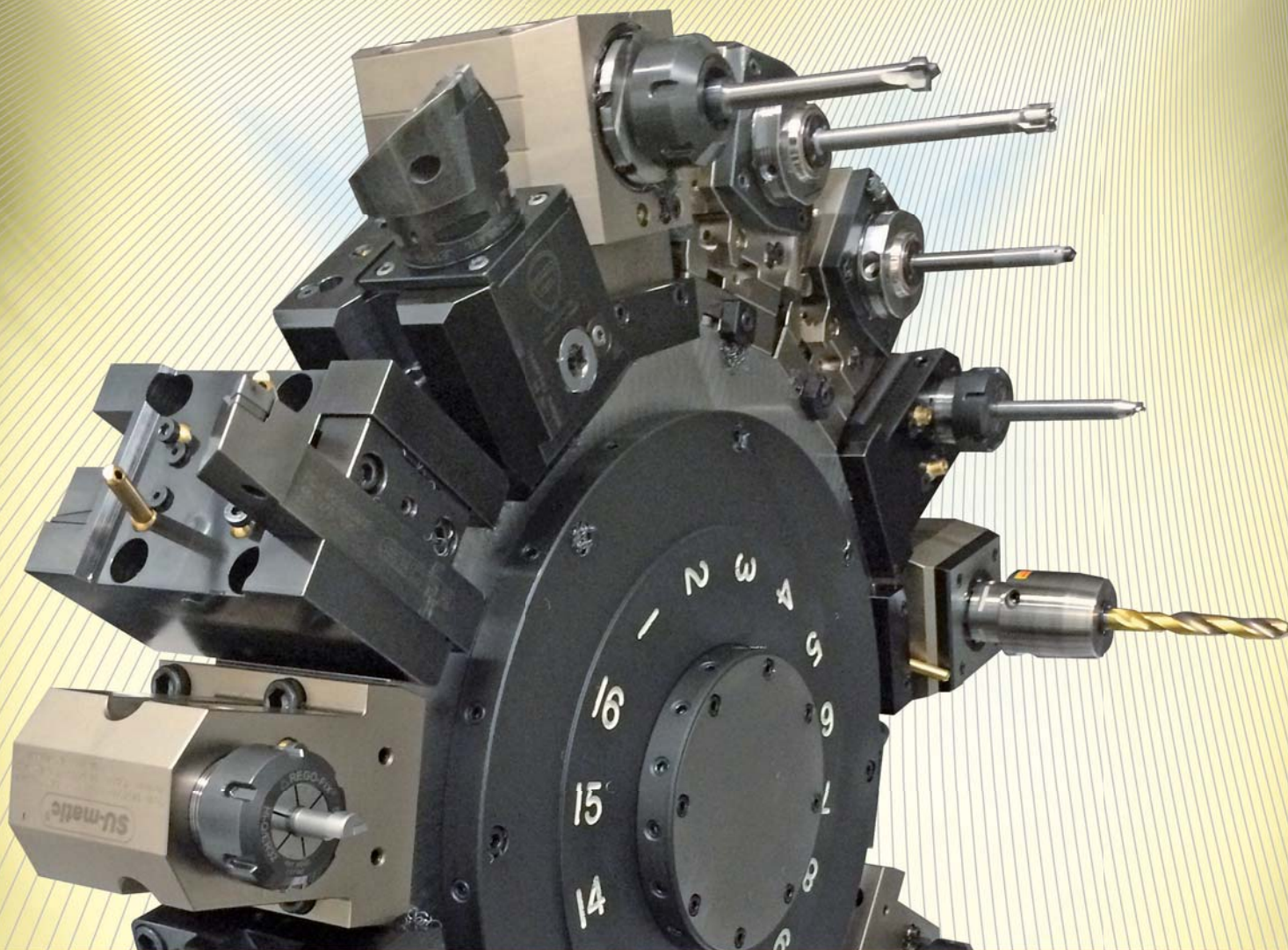


SUHNER
MACHINING



用ツールホルダー

LOKUMA

LT3000 EX 用
M / MY



SUHNER
EXPERTS. SINCE 1914.



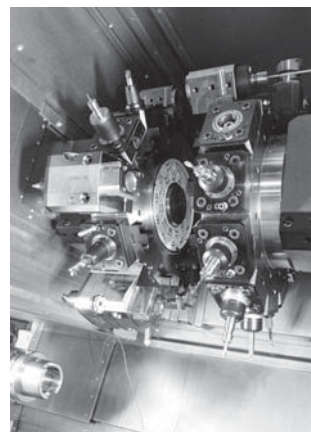
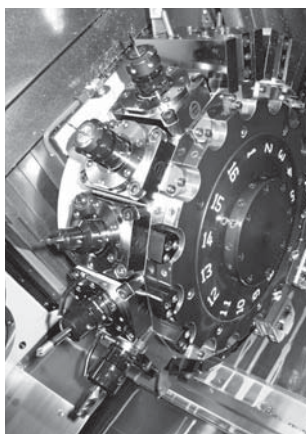
シューマチック社について

貴方の機械の加工能力を増強します。。。

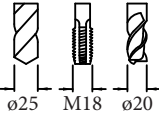
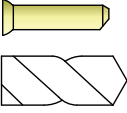
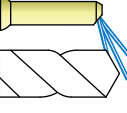
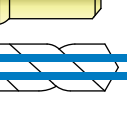
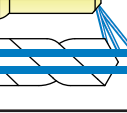
大きな投資をしなくても。。。

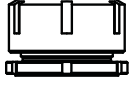
弊社では多軸ヘッド、アングルおよびリボルバーヘッドなど全ての種類のツールホルダーを製造し有名工作機械メーカー殿やOEMメーカーに供給しています。高い性能の装置はDIN規格に準拠し、お客様ご指定のインターフェースに適合しています。標準化された製品の供給は世界的なブランドであるAのアルフレッドシュッテ (ALFRED SCHUTTE,) からWのワールドリッヒ。コブルグ(WALDRICH COBURG)まで拡張しています。

機械メーカーとの新しい製品開発の連携は非常に速い段階から始まります。従って新しい機械が発表された時点で既に実用的な準備はできています。我々は計画、製造、品質管理そしてサービスの全てを自社で行っております。親会社であるスナー(SUHNER)社の世界的な展開により、大きな恩恵を受けています。



記号の意味

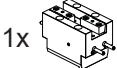
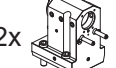
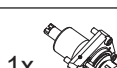
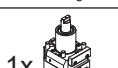
	品名
	これら3つのシンボルはこのユニットで使用可能な最大切削工具径を示しています (ドリル、タップ、ミーリングカッター)。
	内部クーラント型の場合には絶対にドライでは使用しないで下さい。
	クーラントは使用できません
	外部クーラント
	内部クーラント
	内部及び外部クーラント
	本キャプトユニットはサンドビックコロマンの認定を受けています (ISO26623-2)。

	品名
#	ユニットび部品番号
	スピンドル出力インターフェース
	クーラントタイプ
	ターニング方向 入力:出力
i $n_1 : n_2$	減速比 入力 : 出力
$n_{2 \max}$	出力側の最大回転数 (RPM)
$T_{2 \max}$	出力側の最大トルク
# 	特別付属のレンチの部品番号

索引

LOKUMA

キット

	#			在庫品*	ページ
	14430001910	-	    	受注生産	9
	14430001220		 	受注生産	9
	14430001230		 	1	9

ライブツール(回転工具)

	#			$n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	在庫品*	ページ
	14101003070	ER 32		1 : 1	6'000 min ⁻¹	60 Nm	受注生産	10
	14101003060	ERC 32		1 : 1	6'000 min ⁻¹	60 Nm	3	10
	14101003140	ERAX 25		1 : 1	6'000 min ⁻¹	40 Nm	受注生産	10
	14101003130	ERAXC 25		1 : 1	6'000 min ⁻¹	40 Nm	受注生産	10
	14800004120	ER 32		1 : 1	6'000 min ⁻¹	60 Nm	受注生産	11
	14800004110	ERC 32		1 : 1	6'000 min ⁻¹	60 Nm	3	11
	14801001420	ER 32		1 : 1	6'000 min ⁻¹	60 Nm	受注生産	11
	14826000260	ERAX 16		1 : 1	6'000 min ⁻¹	15 Nm	受注生産	12
	14826000270	ERAX 20		1 : 1	6'000 min ⁻¹	15 Nm	受注生産	12

索引

LOKUMA

ライブツール(回転工具)

	#			$\frac{i}{n_1 : n_2}$	$n_{2 \max}$	$T_{2 \max}$	在庫品*	ページ
	14800003490	ø 15.875		3 : 1	2'000 min ⁻¹	70 Nm	受注生産	12

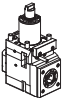
静止ツール

	#			$\frac{i}{n_1 : n_2}$	$n_{2 \max}$	$T_{2 \max}$	在庫品*	ページ
	14910001640	ø40		-	-	-	受注生産	13
	14910001650	ø40		-	-	-	4	13
	14910001660	□25x25		-	-	-	受注生産	14
	14910001670	□25x25		-	-	-	4	14
	14910001680	□25x25		-	-	-	2	15
	14910001691	4x32		-	-	-	4	16
	14910000581	4x32		-	-	-	3	16
	14910002071	4x32		-	-	-	受注生産	16
	14910003810	4x32		-	-	-	受注生産	16

索引

LOKUMA

SU-matic® Capto® ライブツール(回転工具)

	#			$n_1^i : n_2$	$n_{2 \max}$	$T_{2 \max}$	在庫品*	ページ
	14101002120	Capto C4		1 : 1	6'000 min ⁻¹	60 Nm	1	18
	14101003230	Capto C4		1 : 1	6'000 min ⁻¹	60 Nm	3	18
	14800003280	Capto C4		1 : 1	6'000 min ⁻¹	60 Nm	2	19
	14801001430	Capto C4		1 : 1	6'000 min ⁻¹	60 Nm	受注生産	19



索引

LOKUMA

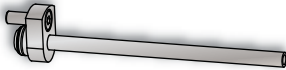
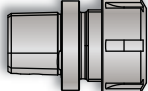
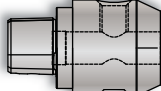
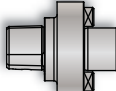
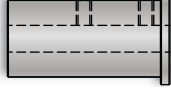
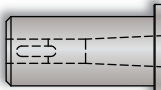
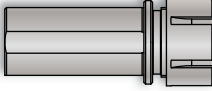
SU-matic® Capto® 静止ツール

	#			$\begin{matrix} i \\ n_1 : n_2 \end{matrix}$	$n_{2 \max}$	$T_{2 \max}$	在庫品*	ページ
	14910002660	Capto C4		-	-	-	受注生産	20
	14910003880	Capto C5		-	-	-	受注生産 Sur demande	20
	14910002460	Capto C6		-	-	-	受注生産	21
	14910002670	Capto C4		-	-	-	8	21
	14910003870	Capto C5		-	-	-	受注生産	22
	14910001960	Capto C4		-	-	-	受注生産	22
	14910002680	Capto C4		-	-	-	受注生産	23
	14910003190	Capto C5		-	-	-	受注生産	23
	14910002450	Capto C6		-	-	-	受注生産	24
	14910002690	Capto C4		-	-	-	受注生産	24

索引

LOKUMA

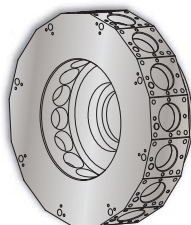
付属品

	品名		在庫品*	ページ
	ターレット用プラグ(栓)	-	30	25
	高圧クーラントパイプ	-	受注生産	25
	Capto C3 / C4	ER 16 - ER 25	受注生産	26
	Capto C3 / C4	ø6 - ø16	受注生産	26
	Capto C4	ø16 - ø27	受注生産	26
	ø32 / ø40	ø6 - ø25	受注生産	27
	ø32 / ø40	MT 1 - MT 4	受注生産	27
	ø32 / ø40	ER 25 - ER 32	受注生産	27
	コレット	ER 11 - ER 50	受注生産	28
	14430000990	-	受注生産	17

LT3000 キット

LT3000 M / MY / MW • V16

SU-matic®



品名		静止ツールキット	ライブツール(回転工具) キット	
#	Type			
	#	14430001910	14430001220	14430001230
14910001660		2		
14910001670		2		
14910001680		1		
14910001640		2		
14910001650		4		
14910001691		1		
14430000140		4		
14101003070			2	
14800004120			2	
14101003060				2
14800004110				2

ライブツール(回転工具)

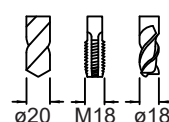
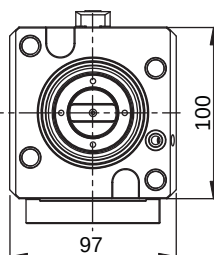
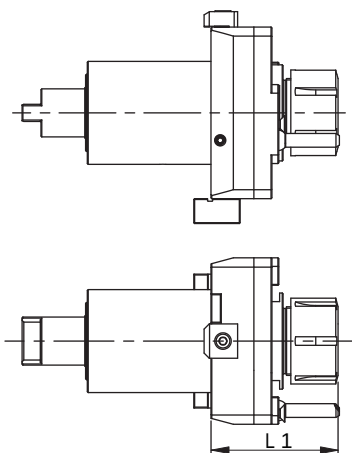
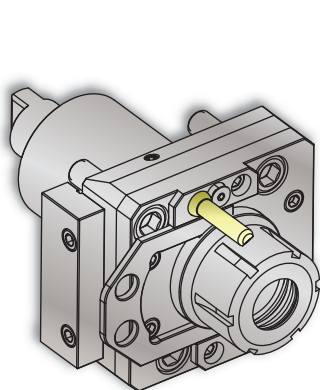
LOKUMA

Lathe Linear Unit • LLU 60-1 R

SU-matic®

Machine
Types

LT3000 EX
M / MY



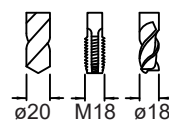
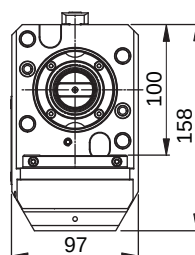
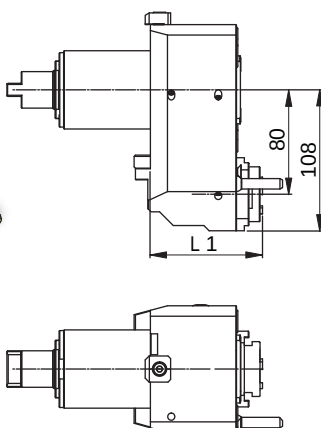
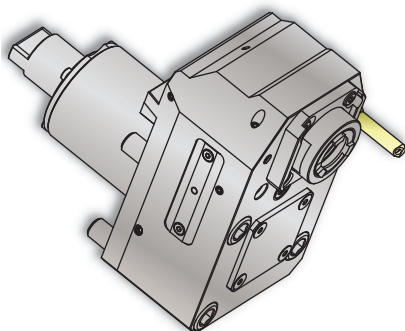
#			$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	L1	#
14101003070	ER 32	100 bar		1 : 1	6'000 min ⁻¹	60 Nm	69	14430101140
14101003060	ERC 32	70 bar		1 : 1	6'000 min ⁻¹	60 Nm	74	14430101140

Lathe Linear Unit Offset • LLUO 40-1 R

SU-matic®

Machine
Types

LT3000 EX
M / MY



#			$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	L1	#
14101003140	ERAX 25	100 bar		1 : 1	6'000 min ⁻¹	40 Nm	85.9	14430101470
14101003130	ERAXC 25	100 bar		1 : 1	6'000 min ⁻¹	40 Nm	90.9	14430101470

ライブツール(回転工具)

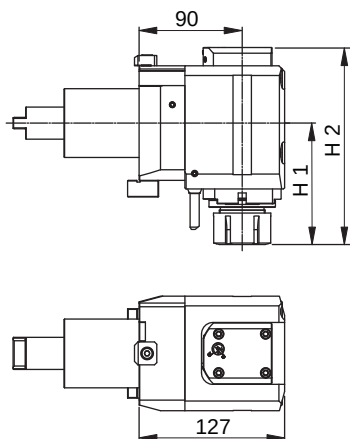
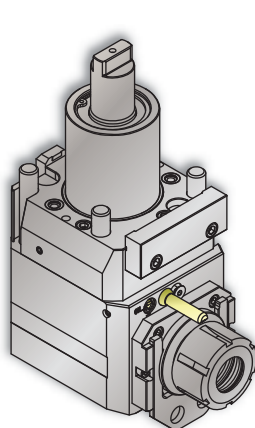
LOKUMA

Lathe Angular Unit • LAU 60-1 A

SU-matic®

Machine
Types

LT3000 EX
M / MY



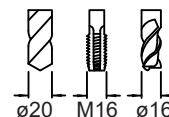
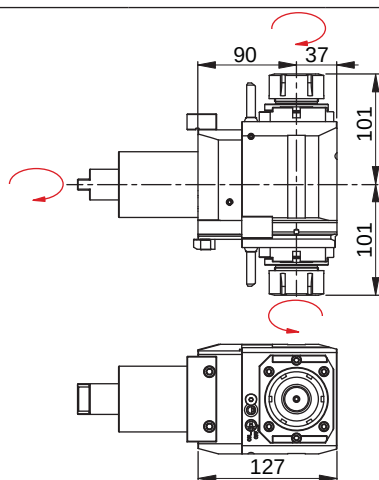
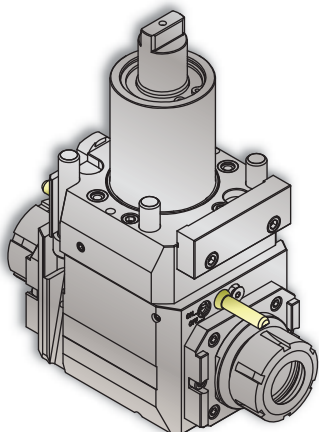
#				$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	H1	H2		#
14800004120	ER 32		100 bar		1 : 1	6'000 min ⁻¹	60 Nm	101	151		14430101500
14800004110	ERC 32		100 bar		1 : 1	6'000 min ⁻¹	60 Nm	106	172		14430101500

Lathe Angular Unit Twin • LAUT 60-1+1 A

SU-matic®

Machine
Types

LT3000 EX
M / MY



#				$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$		#
14801001420	ER 32		100 bar	-	1 : 1	6'000 min ⁻¹	60 Nm		14430101560

ライブツール(回転工具)

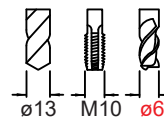
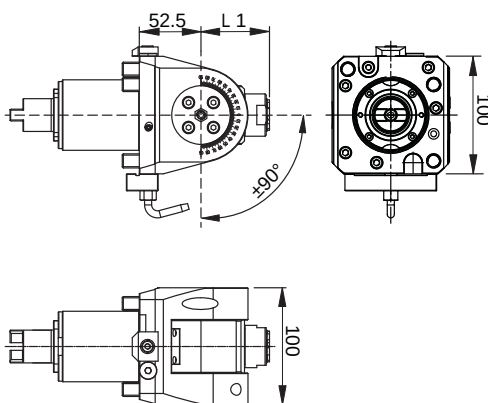
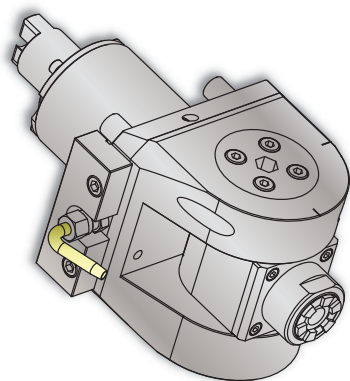
LOKUMA

Lathe Angular Unit Adjustable • LAUA 15-1 A/R

SU-matic®

Machine
Types

LT3000 EX
M / MY



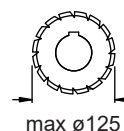
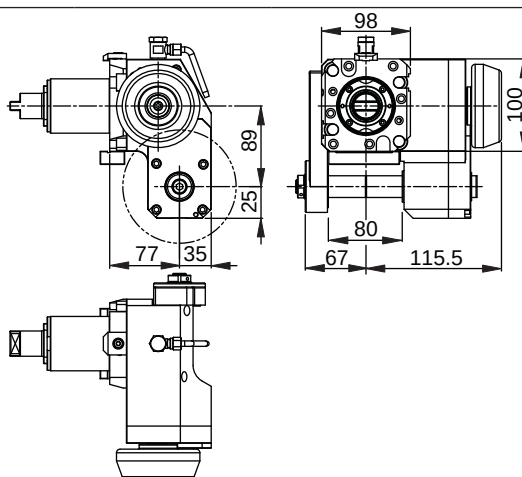
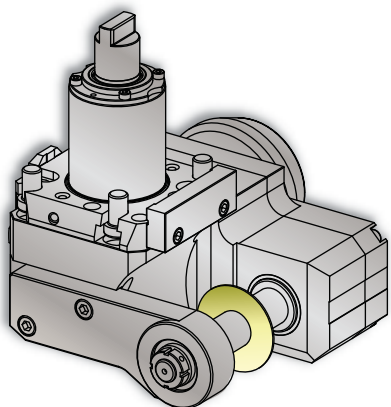
#			$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	L1	#
14826000260	ERAX 16	100 bar		1 : 1	6'000 min ⁻¹	15 Nm	53.3	14430100450
14826000270	ERAX 20	100 bar		1 : 1	6'000 min ⁻¹	15 Nm	58.3	14430100660

Lathe Angular Unit Milling • LAUM 70-1 A

SU-matic®

Machine
Types

LT3000 EX
M / MY



#			$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	#
14800003490	ø 15.875	100 bar		3 : 1	2'000 min ⁻¹	70 Nm	14420001310

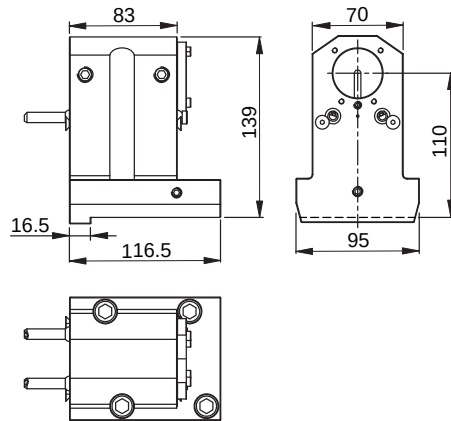
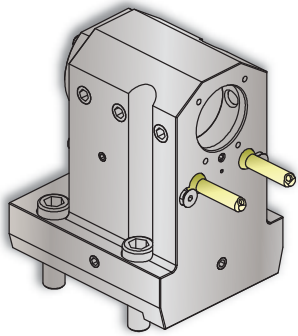
静止ツール

LOKUMA

Lathe Angular Static • LAS 40-1 A

SU-matic®

Machine Types LT3000 EX Multus U3000 / U4000 / U5000
M / MY 2S / 2S-W

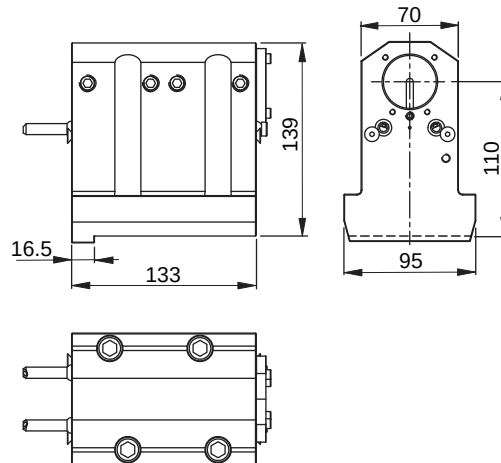
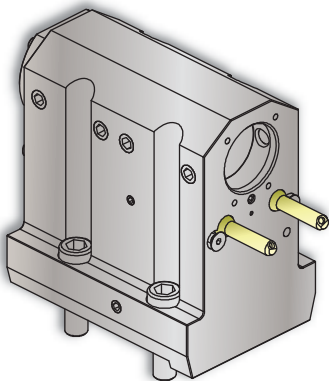


#				# 
14910001640	ø40	 100 bar		-

Lathe Angular Static • LAS 40-1+1 A

SU-matic®

Machine Types LT3000 EX Multus U3000 / U4000 / U5000
M / MY 2S / 2S-W



#				# 
14910001650	ø40	 100 bar		-

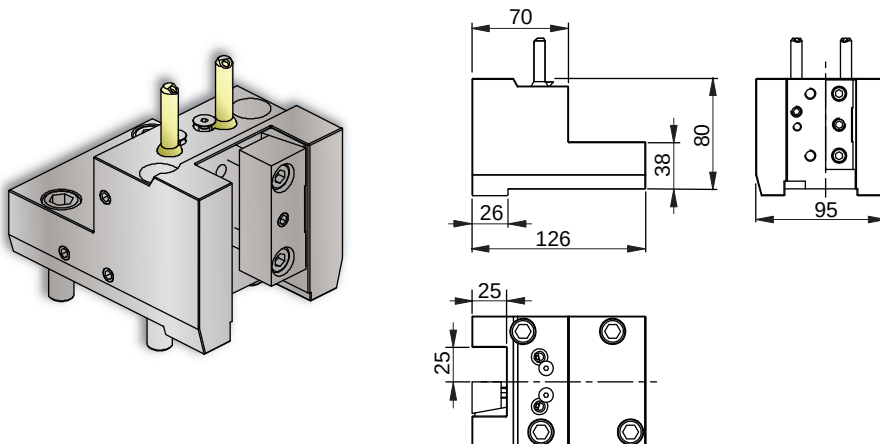
静止ツール

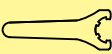
LOKUMA

Lathe Linear Static • LLS 25-1 R

SU-matic®

Machine Types LT3000 EX Multus U3000 / U4000 / U5000
M / MY 2S / 2S-W

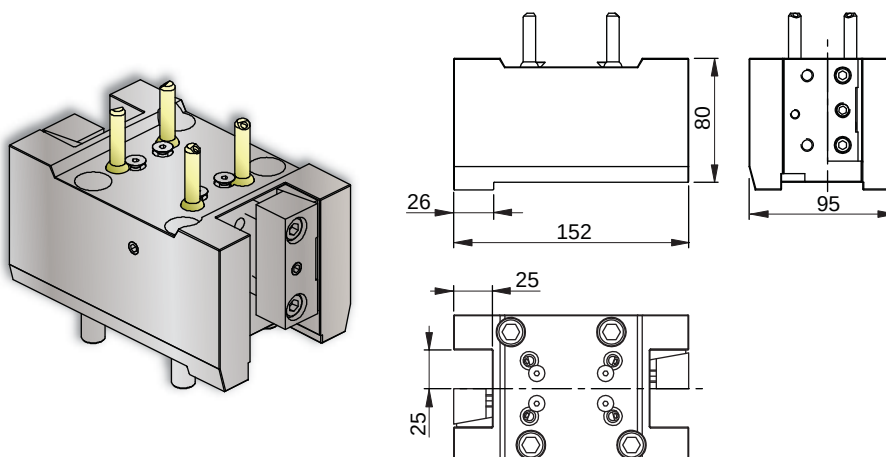


#				# 
14910001660	□25x25	 100 bar		-

Lathe Linear Static • LLS 25-1+1 R

SU-matic®

Machine Types LT3000 EX Multus U3000 / U4000 / U5000
M / MY 2S-W



#				# 
14910001670	□25x25	 100 bar		-

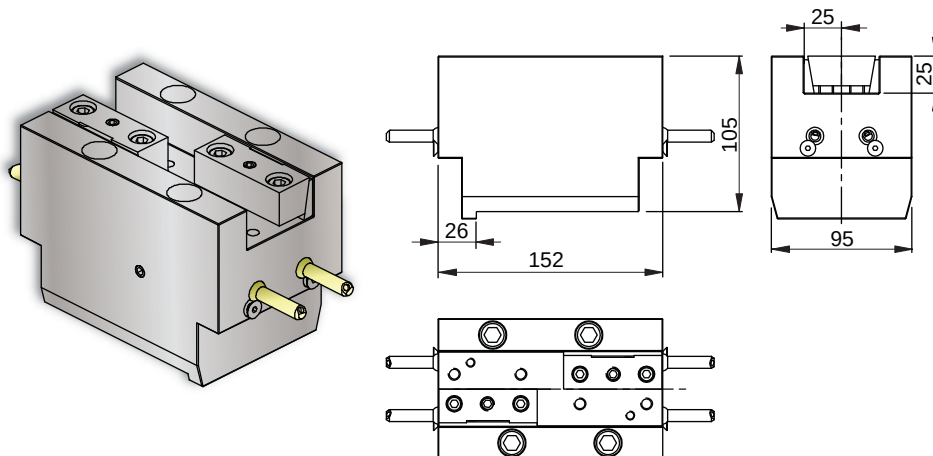
静止ツール

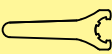
LOKUMA

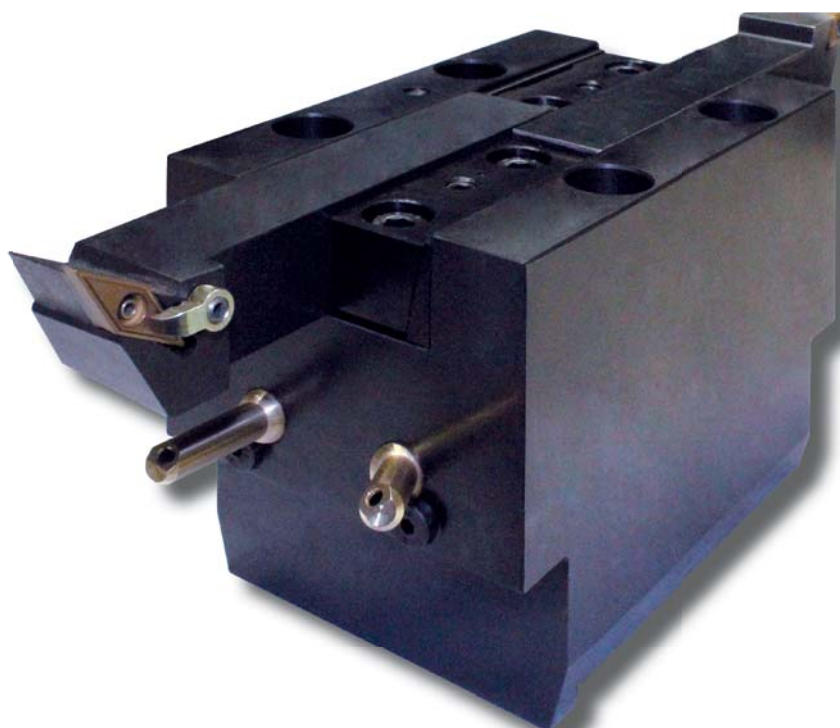
Lathe Angular Static • LAS 25-1+1 A

SU-matic®

Machine LT3000 EX Multus U3000 / U4000 / U5000
Types M / MY 2S-W



#				# 
14910001680	□25x25	 100 bar		-

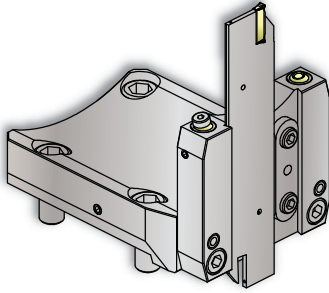
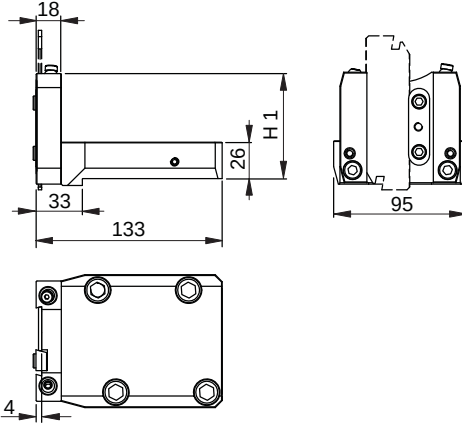
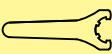


静止ツール

LOKUMA

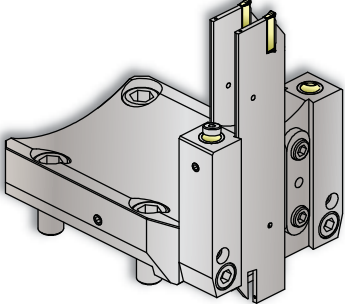
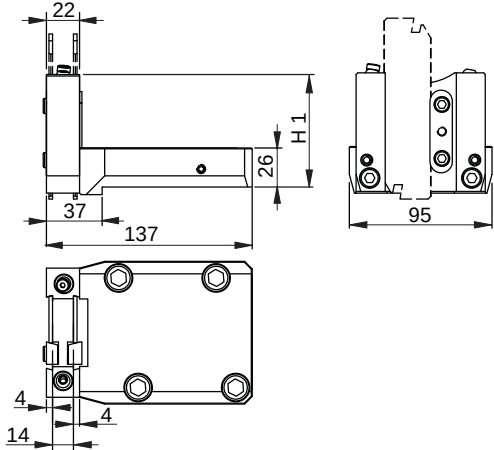
Lathe Linear Static • LLS 32-1 R • Basic

SU-matic®

Machine Types	Genos L300 / L3000 (BMT) M / MW / MY / MYW	LB2000 EX M / MW / MY	LB3000 EX M / MW / MY / MYW	LU3000 EX M / MW / MY	LT3000 EX M / MY	Multus U3000 / U4000 / U5000 2S / 2S-W
 						
#			H1			# 
14910001691	4x32	 100 bar	75			-
14910000581	4x32	 100 bar	115			-

Lathe Linear Static • LLS 32-2 R • Premium

SU-matic®

Machine Types	Genos L300 / L3000 (BMT) M / MW / MY / MYW	LB2000 EX M / MW / MY	LB3000 EX M / MW / MY / MYW	LU3000 EX M / MW / MY	LT3000 EX M / MY	Multus U3000 / U4000 / U5000 2S / 2S-W
 						
#			H1			# 
14910002071	4x32	 100 bar	75			-
14910003810	4x32	 100 bar	100			-

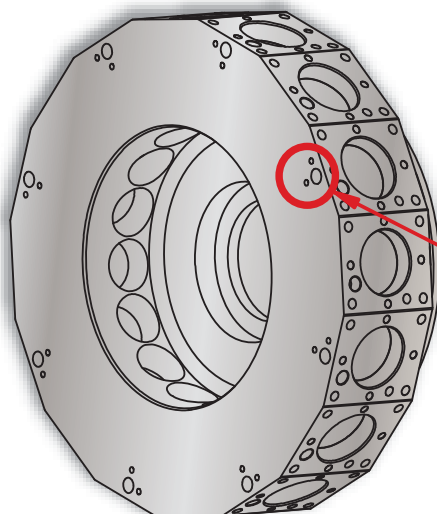
CAPTO®

ライブツール(回転工具)

LOKUMA

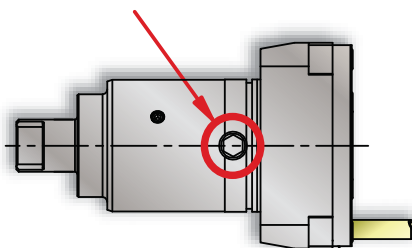
シューマチック社パテントのLT2000 Capto®

SU-matic®



シューマチック社の特許LT-シリーズCapto® ツーリングシステムは、非常に薄く設計されたターレットコレットロックポートによりCapto®の回転工具を組み込むことができ、非常に小さな突出し量で使用できます。(ターレットのステーション毎に3か所の追加ドリル穴加工が必要です。弊社にご連絡頂ければ詳細をサポートを行います)

キャプトシステムではターレット面からアクセスできます。



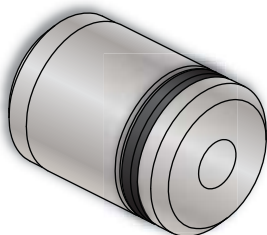
**SU-matic
Capto**

シーリング

SU-matic®

Machine
Types

LT3000 EX
M / MY



#

14430000990



CAPTO® ライブツール(回転工具)

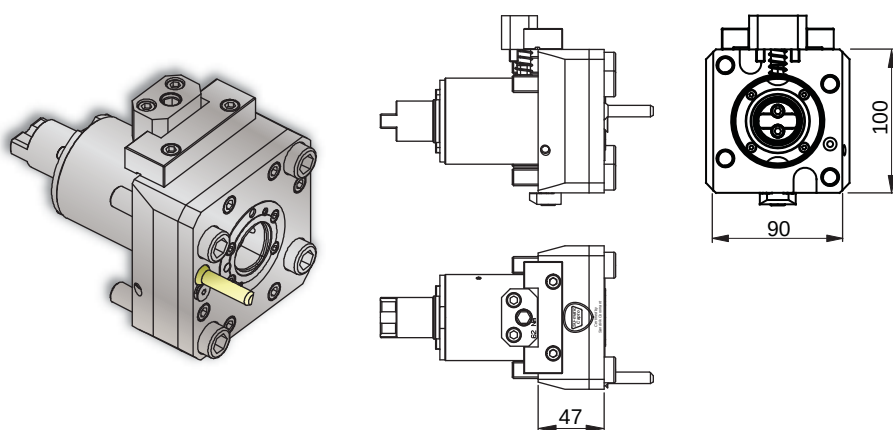
LOKUMA

Lathe Linear Unit • LLU 60-1 R C4

SU-matic®

Machine
Types

LT3000 EX
M / MY



改造されたターレットでは低形状のツールのみ使用できます

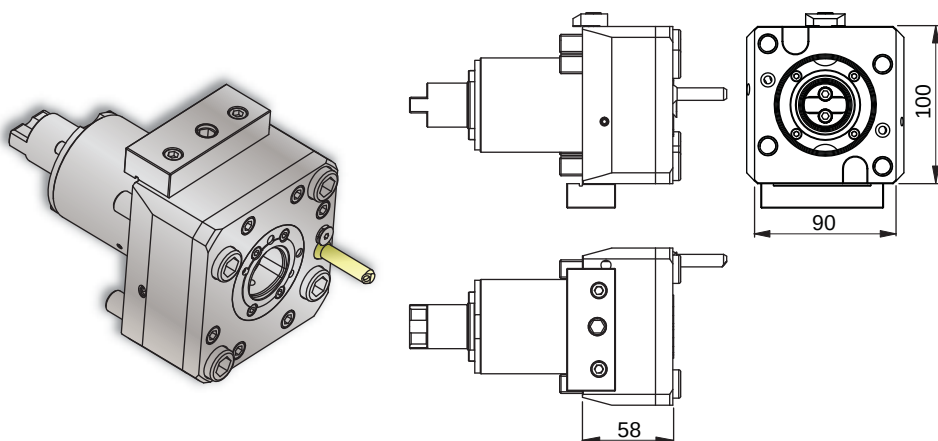
#			$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	#
14101002120	Capto C4	70 bar		1 : 1	6'000 min ⁻¹	60 Nm	14430100980

Lathe Linear Unit • LLU 60-1 R C4

SU-matic®

Machine
Types

LT3000 EX
M / MY



#			$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	#
14101003230	Capto C4	70 bar		1 : 1	6'000 min ⁻¹	60 Nm	14430100980

CAPTO®

ライブツール(回転工具)

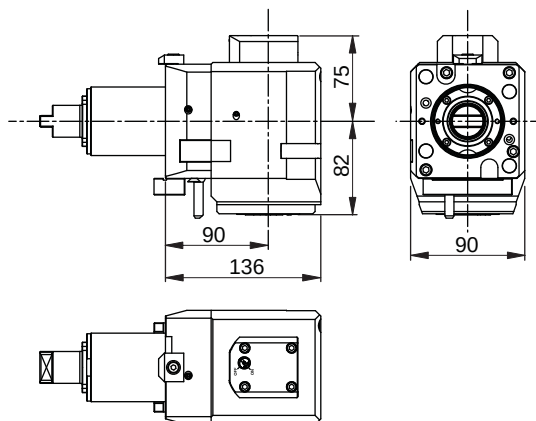
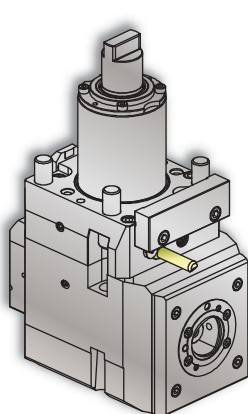
LOKUMA

Lathe Angular Unit • LAU 60-1 A C4

SU-matic®

Machine
Types

LT3000 EX
M / MY



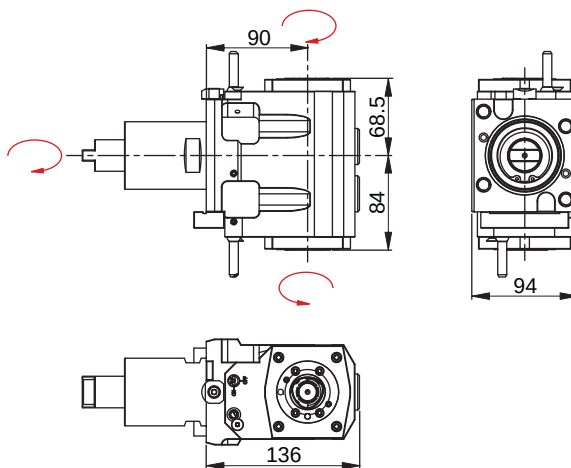
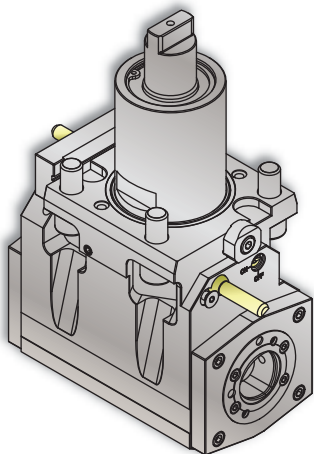
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14800003280	Capto C4	100 bar		1 : 1	6'000 min ⁻¹	60 Nm	14430100980

Lathe Angular Unit • LAU 60-1 A C4

SU-matic®

Machine
Types

LT3000 EX
M / MY



#			$n_1 : n_2$	i $n_1 : n_2$	$n_{2 \max}$	$T_{2 \max}$	#
14801001430	Capto C4	100 bar	-	1 : 1	6'000 min ⁻¹	60 Nm	14430100980

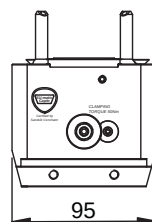
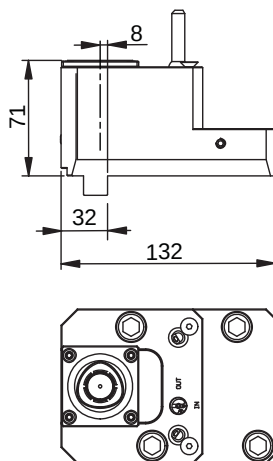
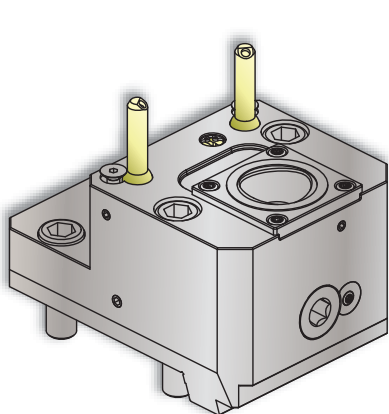
CAPTO® 静止ツール

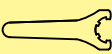
LOKUMA

Lathe Linear Static Offset • LLSO C4-1 R

SU-matic®

Machine LT3000 EX Multus U3000 / U4000 / U5000
Types M / MY 2S / 2S-W

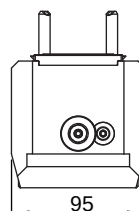
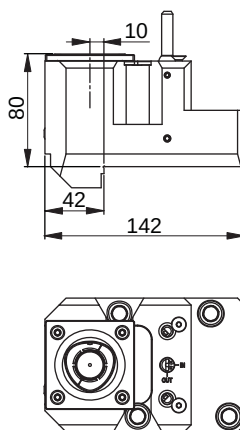
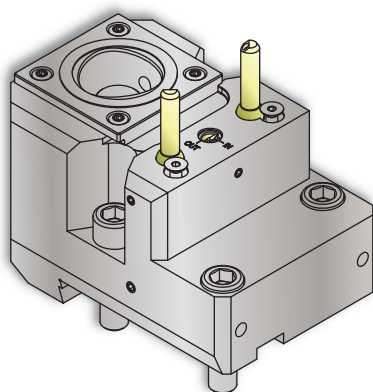


#				# 
14910002660	Capto C4	 100 bar		14430100980

Lathe Linear Static • LLS C5-1 R

SU-matic®

Machine LT3000 EX Multus U3000 / U4000 / U5000
Types M / MY 2S / 2S-W



#				# 
14910003880	Capto C5	 100 bar		14430100980

CAPTO®

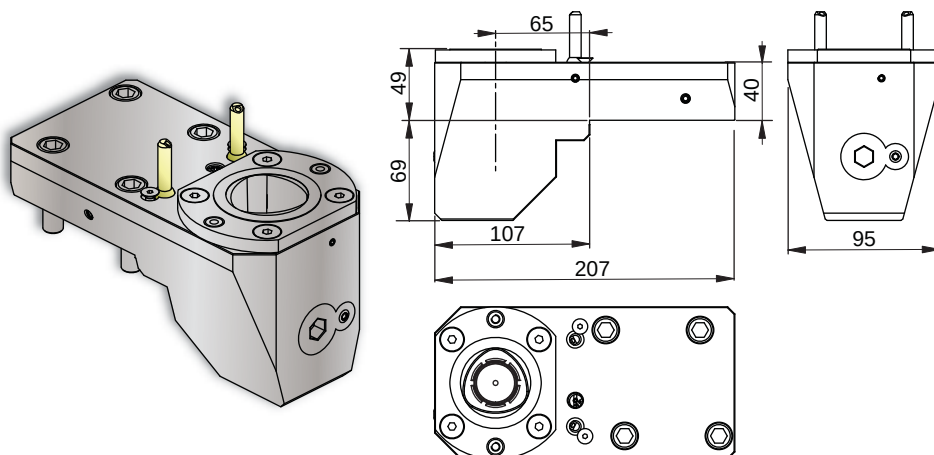
静止ツール

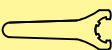
LOKUMA

Lathe Linear Static Offset• LASO C6-1 R

SU-matic®

Machine Types	LT3000 EX M / MY	Multus U3000 / U4000 / U5000 2S / 2S-W
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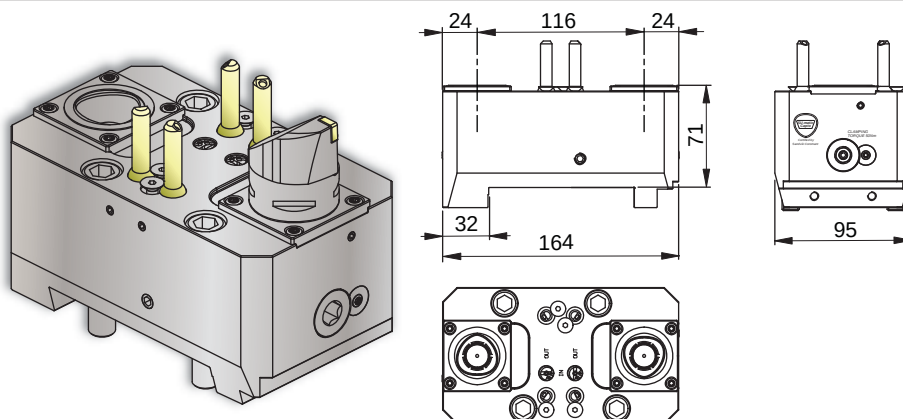


#				# 
14910002460	Capto C6	 100 bar		14430100980

Lathe Linear Static • LLS C4-2 R

SU-matic®

Machine Types	LT3000 EX M / MY	Multus U3000 / U4000 / U5000 2S-W
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#				# 
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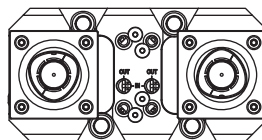
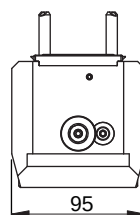
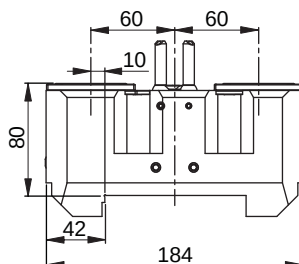
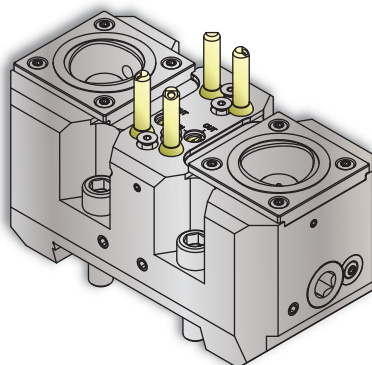
CAPTO® 静止ツール

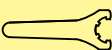
LOKUMA

Lathe Linear Static Twin • LLST C5-1+1 R

SU-matic®

Machine	LT3000 EX	Multus U3000 / U4000 / U5000
Types	M / MY	2S-W

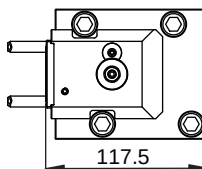
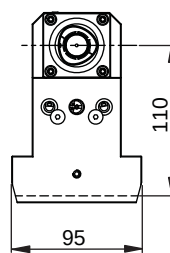
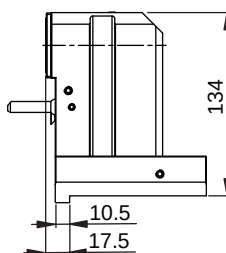
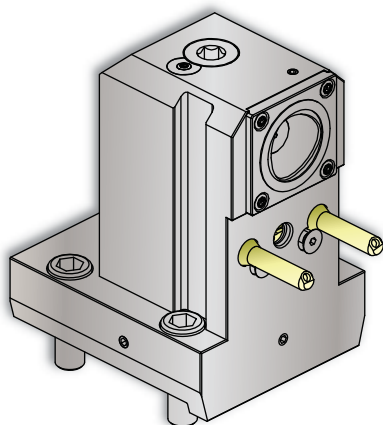


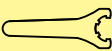
#				# 
14910003870	Capto C5	 100 bar		14430100980

Lathe Angular Static • LAS C4-1 A

SU-matic®

Machine	LT3000 EX	Multus U3000 / U4000 / U5000
Types	M / MY	2S / 2S-W



#				# 
14910001960	Capto C4	 100 bar		14430100980

CAPTO®

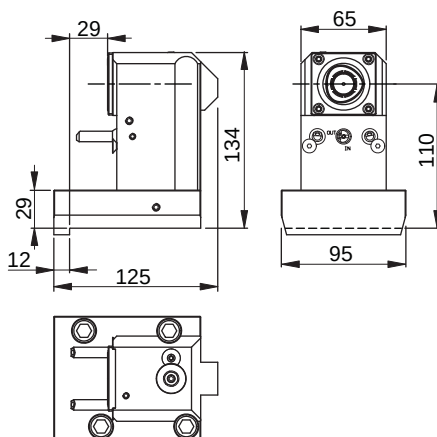
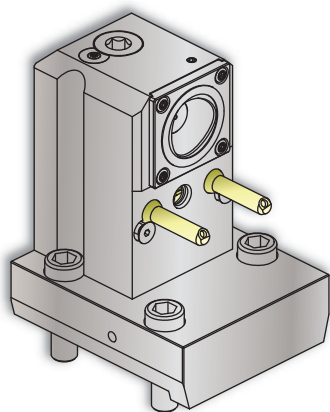
静止ツール

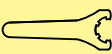
LOKUMA

Lathe Angular Static Offset • LASO C4-1 A

SU-matic®

Machine LT3000 EX Multus U3000 / U4000 / U5000
Types M / MY 2S / 2S-W

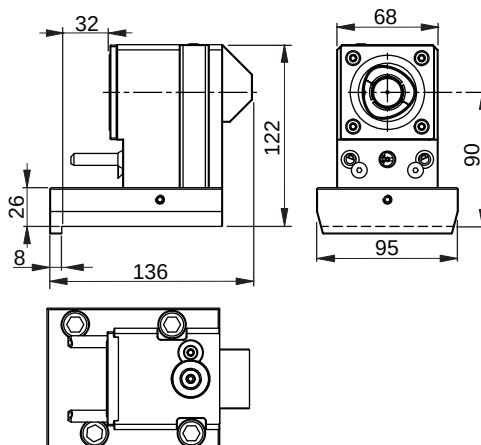
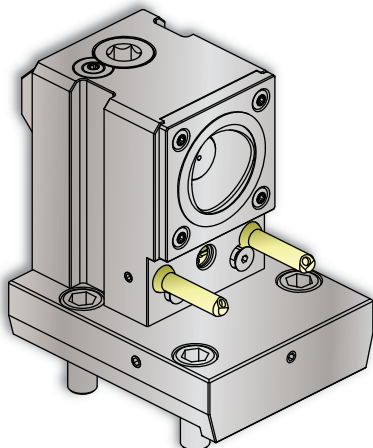


#				# 
14910002680	Capto C4	 100 bar		14430100980

Lathe Angular Static Offset • LASO C5-1 A

SU-matic®

Machine LT3000 EX Multus U3000 / U4000 / U5000
Types M / MY 2S / 2S-W



#				# 
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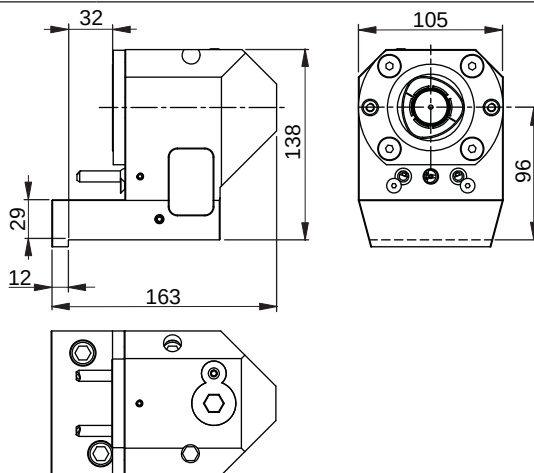
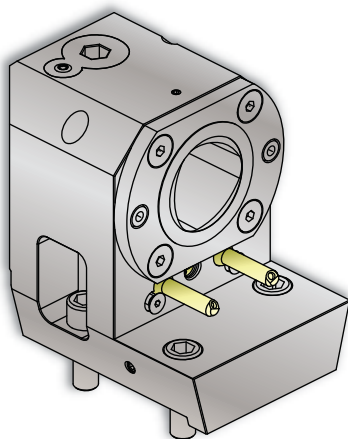
CAPTO® 静止ツール

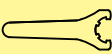
LOKUMA

Lathe Angular Static • LAS C6-1 A

SU-matic®

Machine Types LT3000 EX Multus U3000 / U4000 / U5000
M / MY 2S / 2S-W

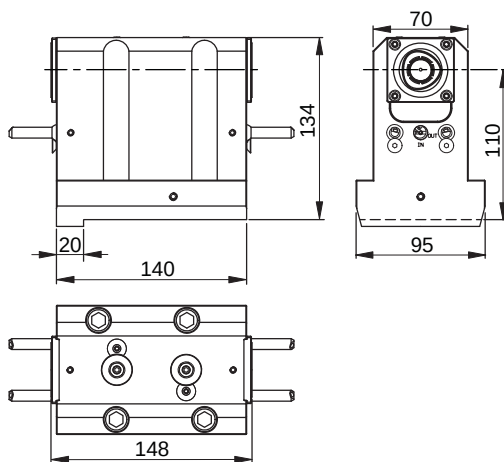
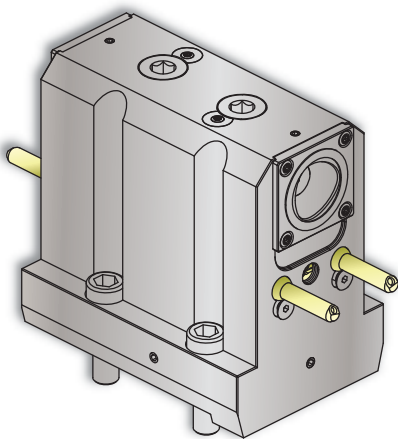


#			# 
14910002450	Capto C6	 100 bar	14430100980

Lathe Angular Static Twin • LAST C4-1+1 A

SU-matic®

Machine Types LT3000 EX Multus U3000 / U4000 / U5000
M / MY 2S-W



#			# 
14910002690	Capto C4	 100 bar	14430100980

付属品

ターレット用プラグ(栓)

SU-matic®

**Machine
Types**

Genos L300

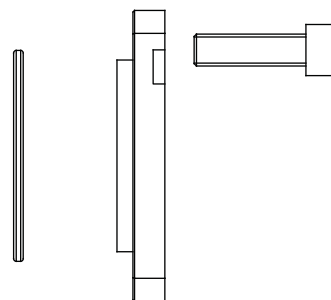
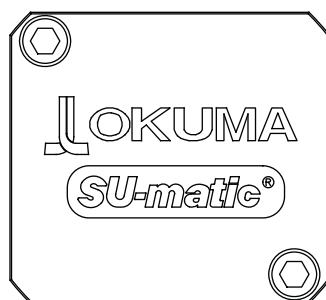
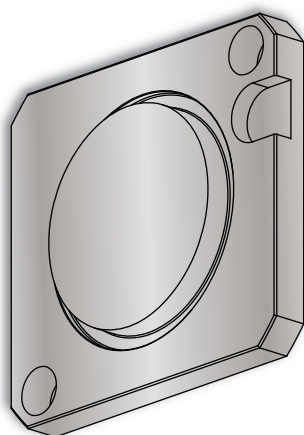
LB2000 EX

LB3000 EX

LT3000 EX

LU3000 EX

Multus

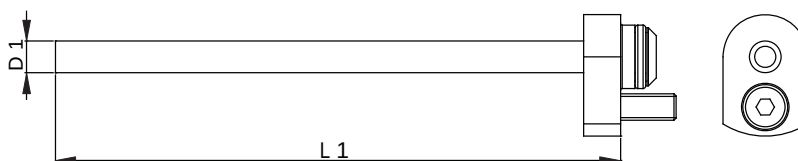
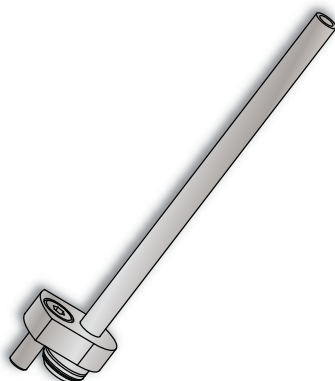


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14430000140

高圧クーラントパイプ

SU-matic®



#

L1

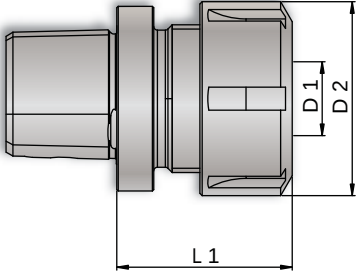
D1

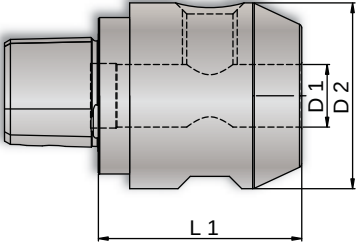
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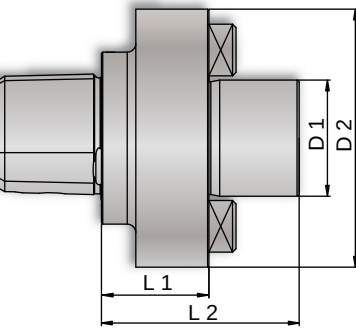
107

6

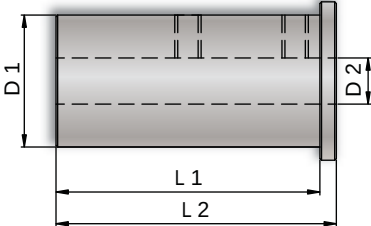
付属品

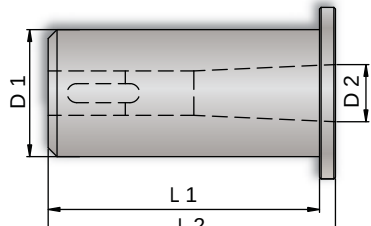
Capto	#		D 1	D 2	L 1	-
	14420001030	C3 x ER 16	ER 16	ø28	35	-
	14420001040	C3 x ER 20	ER 20	ø34	36	-
	14420001080	C4 x ER 16	ER 16	ø28	35	-
	14420001090	C4 x ER 25	ER 25	ø42	38	-

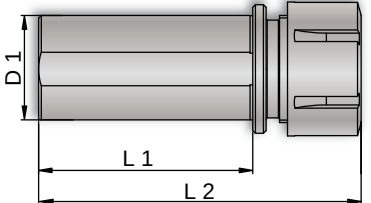
Capto	#		D 1	D 2	L 1	-
	14420001000	C3 x Ø 6mm	ø6	ø24	43	-
	14420001010	C3 x Ø 10mm	ø10	ø34.5	47	-
	14420001020	C3 x Ø 12mm	ø12	ø41.5	52	-
	144200010XX	C4 x Ø 6mm	ø6	ø24.5	40	-
	14420001050	C4 x Ø 10mm	ø10	ø34.5	47	-
	14420001060	C4 x Ø 12mm	ø12	ø41.5	49	-
	14420001070	C4 x Ø 16mm	ø16	ø47.5	52	-

Capto	#		D 1	D 2	L 1	L 2
	144200010XX	C4 x Ø 16mm	ø16	ø36	20	37
	144200010XX	C4 x Ø 22mm	ø22	ø48	20	39
	144200010XX	C4 x Ø 27mm	ø27	ø60	25	46

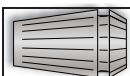
付属品

リダクションスリーブ (円筒形)	#		D 1	D 2	L1	L2
	3001404010	Ø 32 x 6 mm	32	6	70	75
	3001404011	Ø 32 x 8 mm	32	8	70	75
	3001404012	Ø 32 x 10 mm	32	10	70	75
	3001404013	Ø 32 x 12 mm	32	12	70	75
	3001404014	Ø 32 x 14 mm	32	14	70	75
	3001404015	Ø 32 x 16 mm	32	16	70	75
	3001404016	Ø 32 x 18 mm	32	18	70	75
	3001404017	Ø 32 x 20 mm	32	20	70	75
	3001405004	Ø 32 x 25 mm	32	25	70	75
	3001404018	Ø 40 x 6 mm	40	6	80	85
	3001404019	Ø 40 x 8 mm	40	8	80	85
	3001404020	Ø 40 x 10 mm	40	10	80	85
	3001404021	Ø 40 x 12 mm	40	12	80	85
	3001404022	Ø 40 x 14 mm	40	14	80	85
	3001404023	Ø 40 x 16 mm	40	16	80	85
	3001404024	Ø 40 x 18 mm	40	18	80	85
	3001404025	Ø 40 x 20 mm	40	20	80	85
	3001404026	Ø 40 x 25 mm	40	25	80	85
	3001405005	Ø 40 x 32 mm	40	32	80	85

リダクションスリーブ (モールステーパ)	#		D 1	D 2	L1	L2
	3001403006	Ø 32 x MT 1	32	MT 1	85	90
	3001403007	Ø 32 x MT 2	32	MT 2	85	90
	3001403008	Ø 32 x MT 3	32	MT 3	95	100
	3001403009	Ø 40 x MT 2	40	MT 2	105	110
	3001403010	Ø 40 x MT 3	40	MT 3	105	110
	3001403011	Ø 40 x MT 4	40	MT 4	120	125

コレットツールホルダー	#		L1	L2	D1	-
	14420000870	Ø 32 x ER 25	70	107.5	32	-
	14420000810	Ø 32 x ER 32	113	153.5	32	-
	14420000880	Ø 40 x ER 32	70	107.5	40	-

付属品



SU-matic®

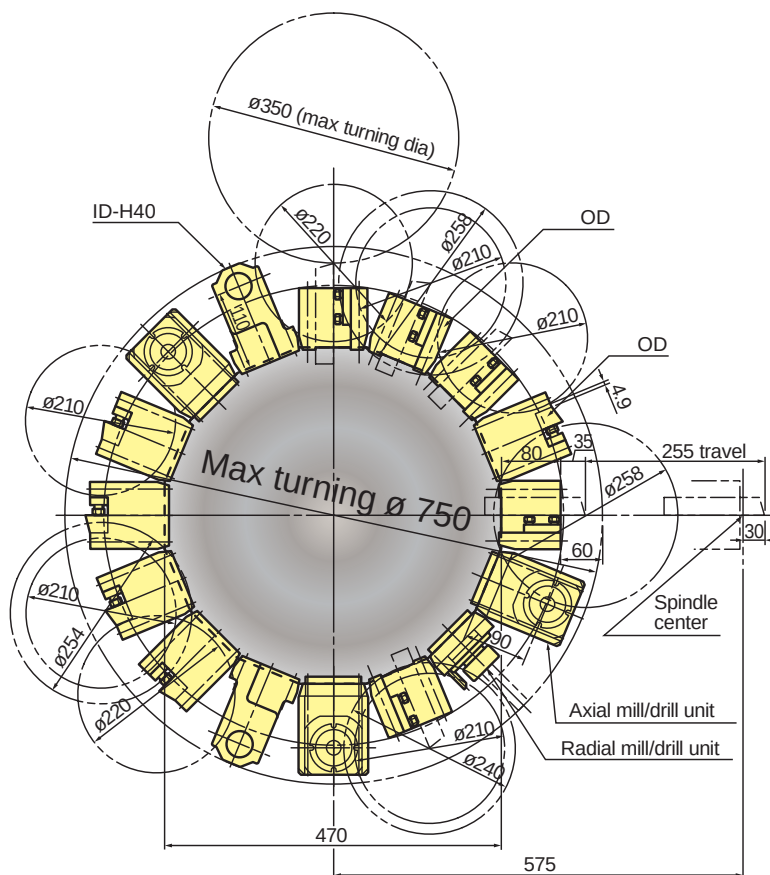
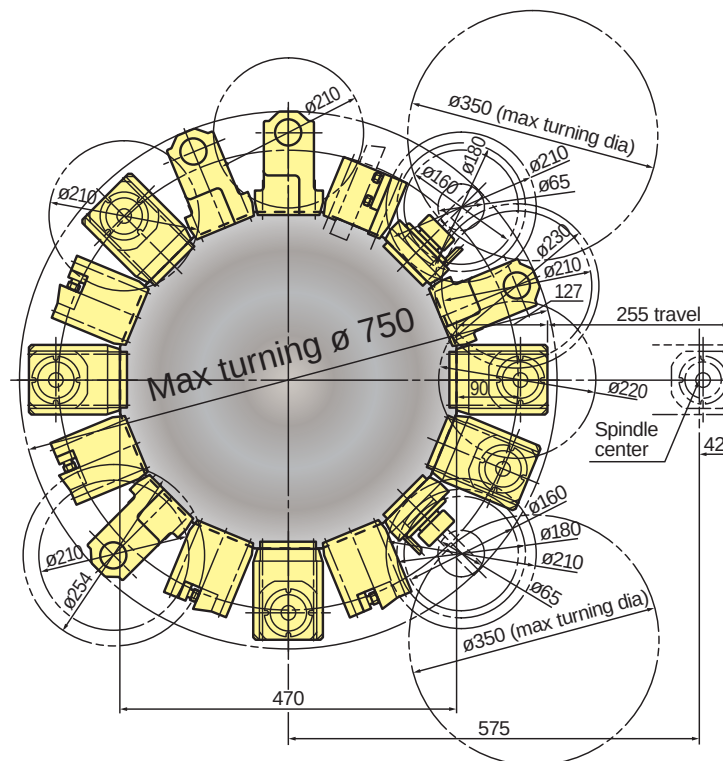
コレット



	ER 11	ER 16	ER 20	ER 25	ER 32	ER 40	ER 50
ø 1.00 - 0.50	3900110010	3900160010	3900200010	3900250010	-	-	-
ø 2.00 - 1.00	3900110020	3900160020	3900200020	3900250020	3900320020	-	
ø 3.00 - 2.00	3900110030	3900160030	3900200030	3900250030	3900320030	3900400030	
ø 4.00 - 3.00	3900110040	3900160040	3900200040	3900250040	3900320040	3900400040	-
ø 5.00 - 4.00	3900110050	3900160050	3900200050	3900250050	3900320050	3900400050	
ø 6.00 - 5.00	3900110060	3900160060	3900200060	3900250060	3900320060	3900400060	
ø 7.00 - 6.00	3900110070	3900160070	3900200070	3900250070	3900320070	3900400070	3900500060
ø 8.00 - 7.00	-	3900160080	3900200080	3900250080	3900320080	3900400080	
ø 9.00 - 8.00	-	3900160090	3900200090	3900250090	3900320090	3900400090	
ø 10.00 - 9.00	-	3900160100	3900200100	3900250100	3900320100	3900400100	3900500100
ø 11.00 - 10.00	-	-	3900200110	3900250110	3900320110	3900400110	
ø 12.00 - 11.00	-	-	3900200120	3900250120	3900320120	3900400120	
ø 13.00 - 12.00	-	-	3900200130	3900250130	3900320130	3900400130	3900500140
ø 14.00 - 13.00	-	-	-	3900250140	3900320140	3900400140	
ø 15.00 - 14.00	-	-	-	3900250150	3900320150	3900400150	
ø 16.00 - 15.00	-	-	-	3900250160	3900320160	3900400160	3900500160
ø 17.00 - 16.00	-	-	-	3900250170	3900320170	3900400170	
ø 18.00 - 17.00	-	-	-	-	3900320180	3900400180	
ø 19.00 - 18.00	-	-	-	-	3900320190	3900400190	3900500200
ø 20.00 - 19.00	-	-	-	-	3900320200	3900400200	
ø 21.00 - 20.00	-	-	-	-	3900320210	3900400210	
ø 22.00 - 21.00	-	-	-	-	3900320220	3900400220	3900500220
ø 23.00 - 22.00	-	-	-	-	-	3900400230	
ø 24.00 - 23.00	-	-	-	-	-	3900400240	
ø 25.00 - 24.00	-	-	-	-	-	3900400250	3900500260
ø 26.00 - 25.00	-	-	-	-	-	3900400260	
ø 27.00 - 26.00	-	-	-	-	-	3900400270	
ø 28.00 - 27.00	-	-	-	-	-	3900400280	3900500280
ø 29.00 - 28.00	-	-	-	-	-	3900400290	
ø 30.00 - 29.00	-	-	-	-	-	3900400300	
ø 32.00 - 30.00	-	-	-	-	-	-	3900500320
ø 34.00 - 32.00	-	-	-	-	-	-	
ø 36.00 - 34.00	-	-	-	-	-	-	

インターフェース

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メモ

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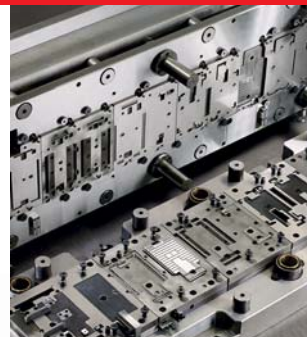
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