

3-2 10 inch type

(mm)

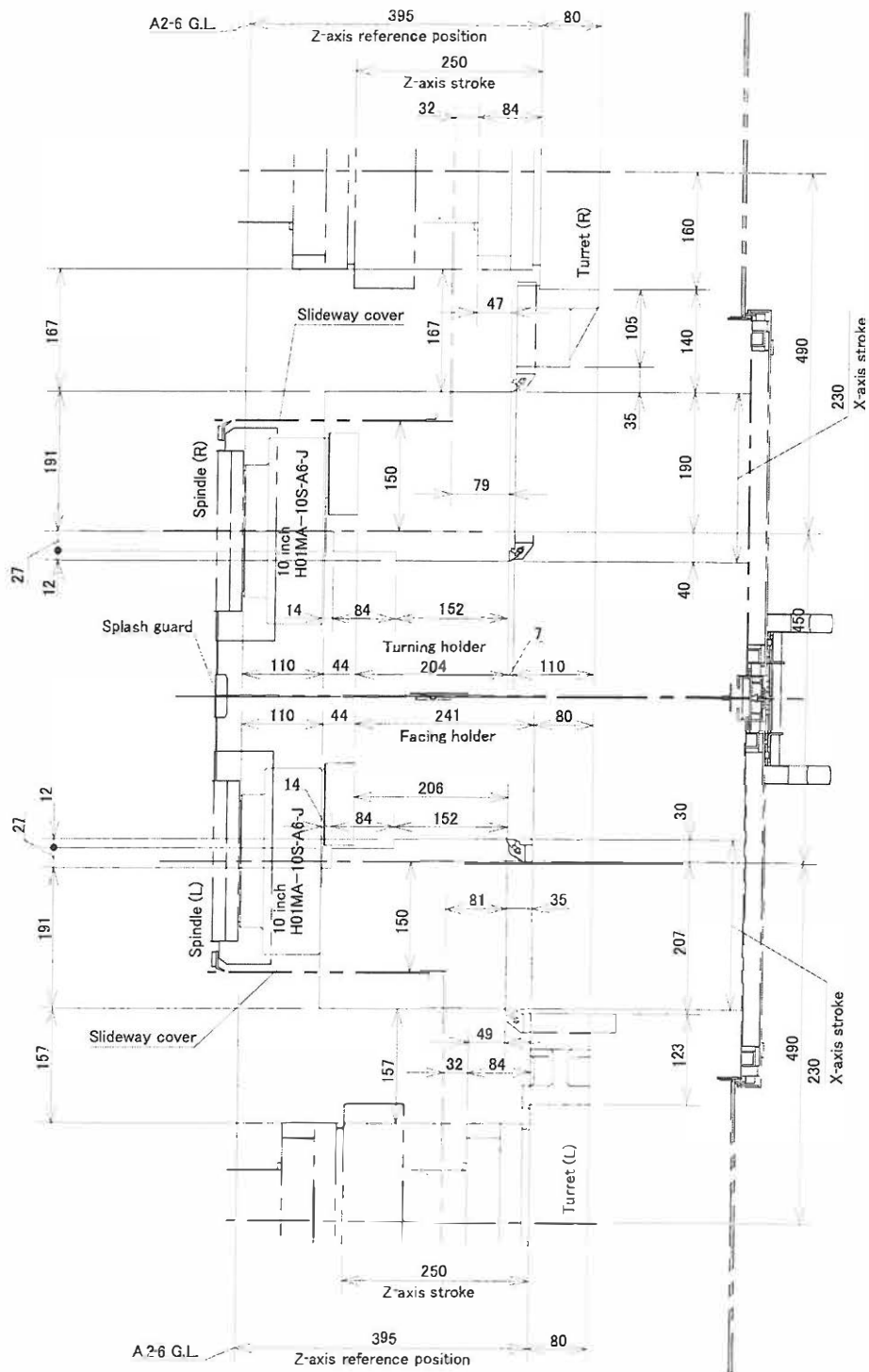


Fig. 3-2(a) Turret travel (Turning holder)

(inch)

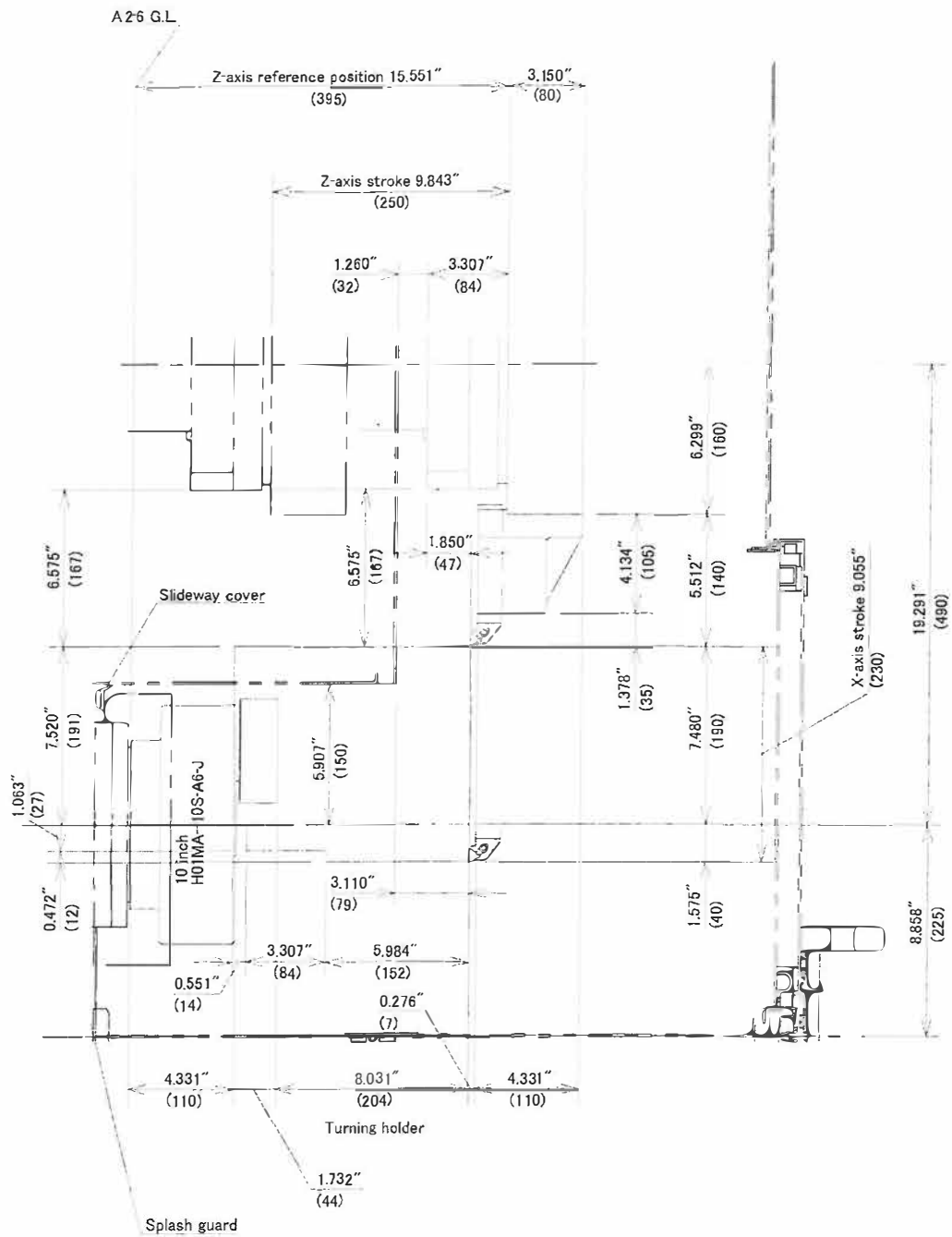


Fig. 3-2(b) Turret travel (Turning holder)

(inch)

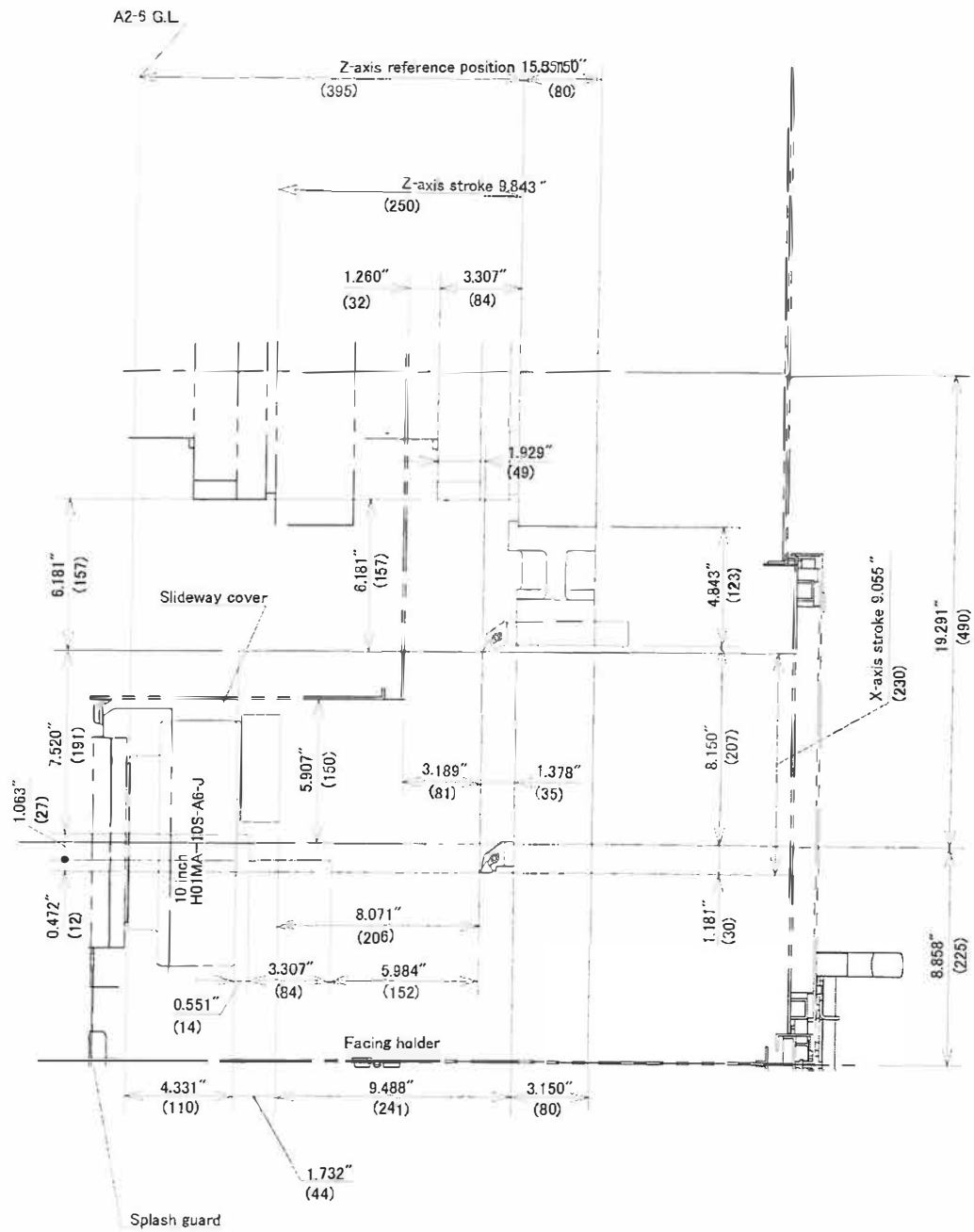


Fig. 3-2(c) Turret travel (Facing holder)

(mm)

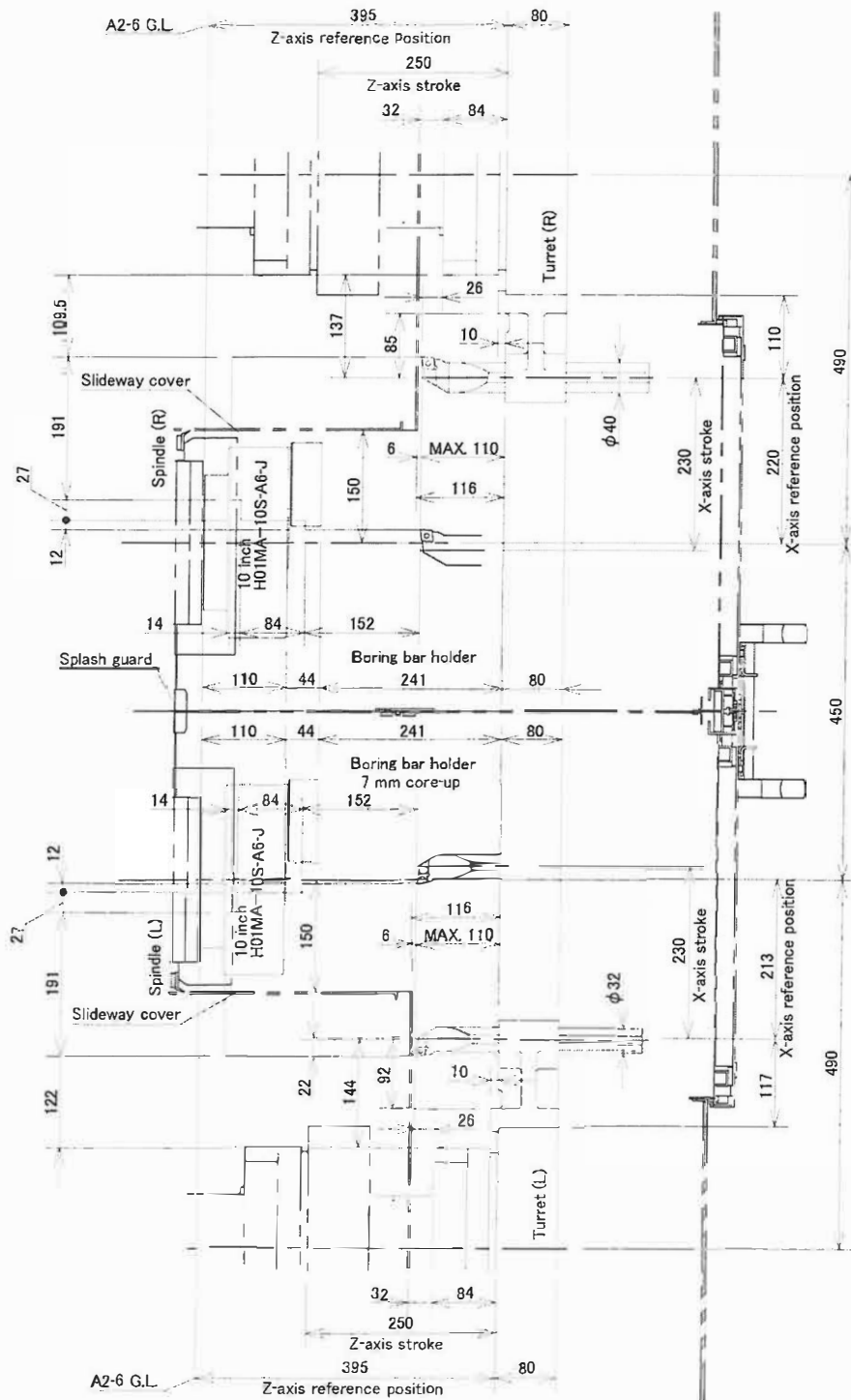


Fig. 3-2(d) Turret travel (Boring bar holder)

(inch)

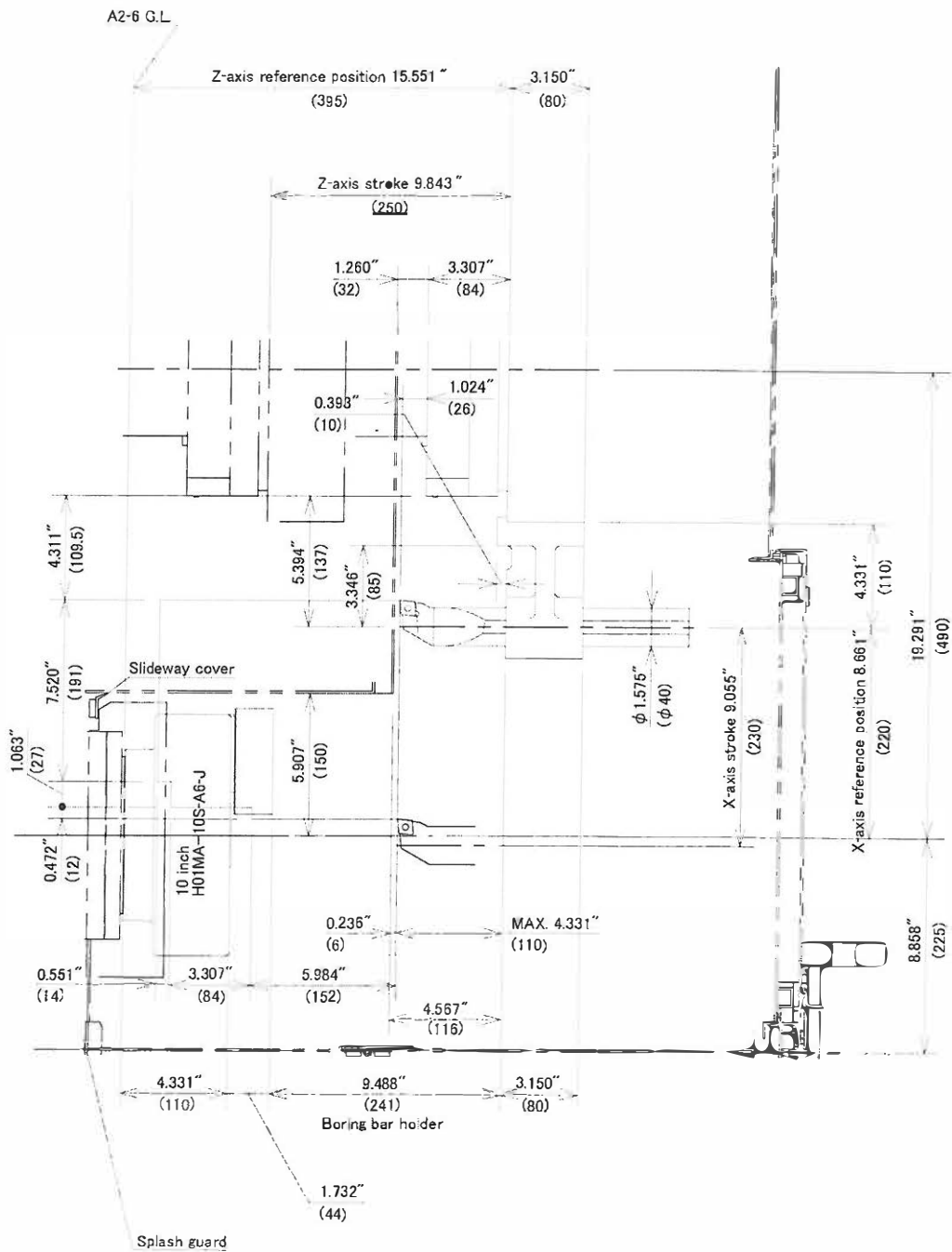


Fig. 3-2(e) Turret travel (Boring bar holder)

(inch)

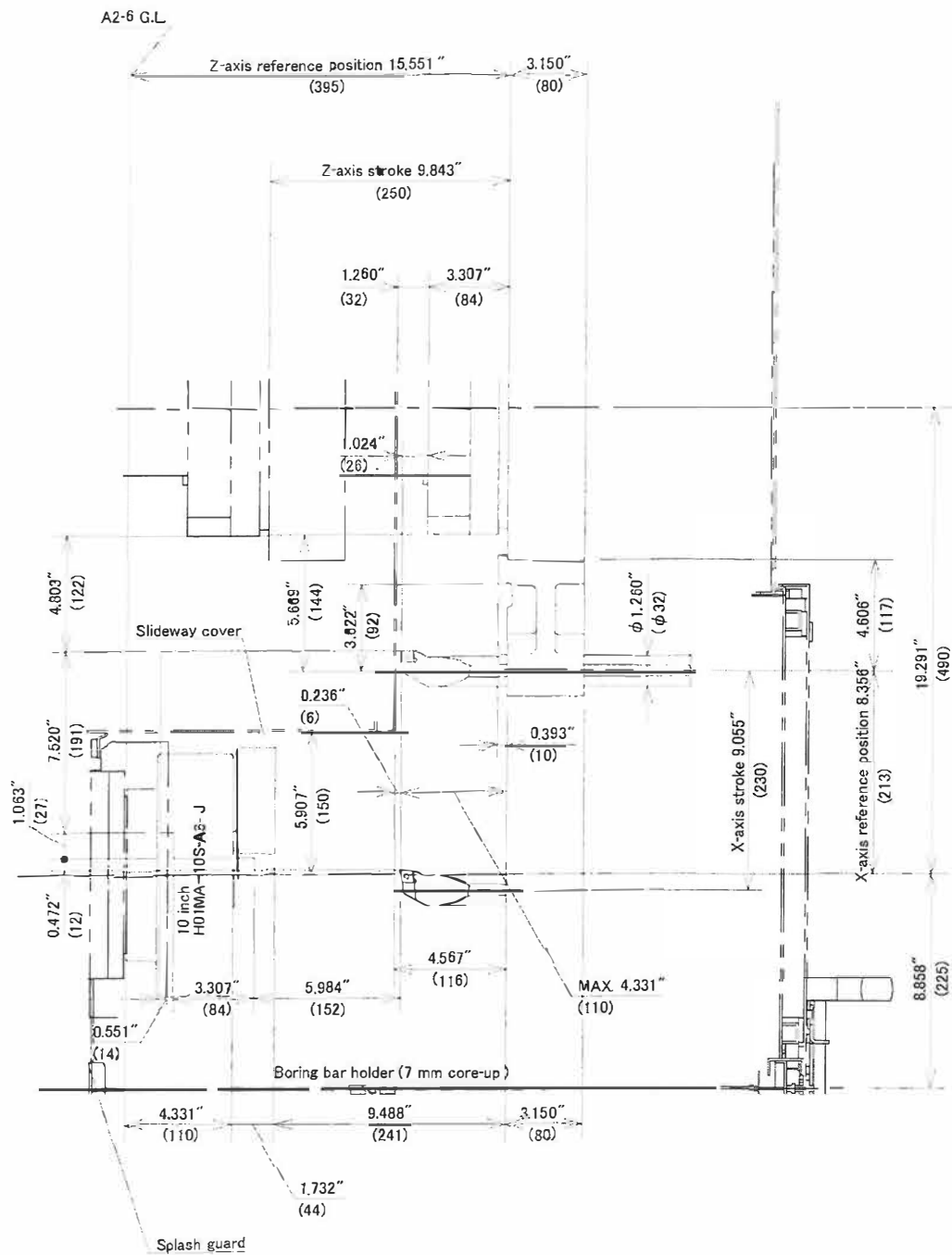


Fig. 3-2(f) Turret travel (Boring bar holder (7 mm core-up))

(mm)

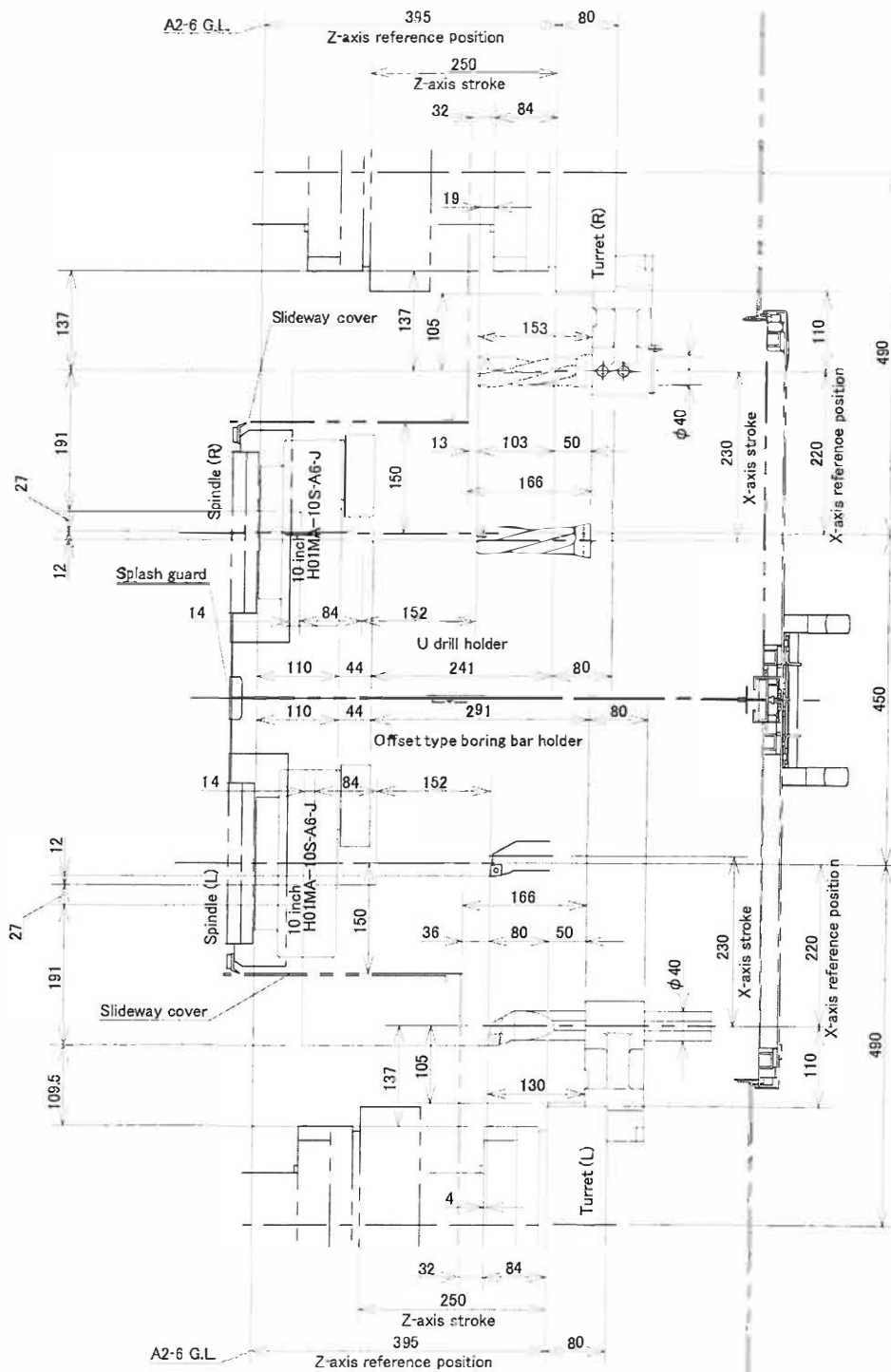


Fig. 3-2(g) Turret travel (U drill holder, Offset type boring bar holder)

(inch)

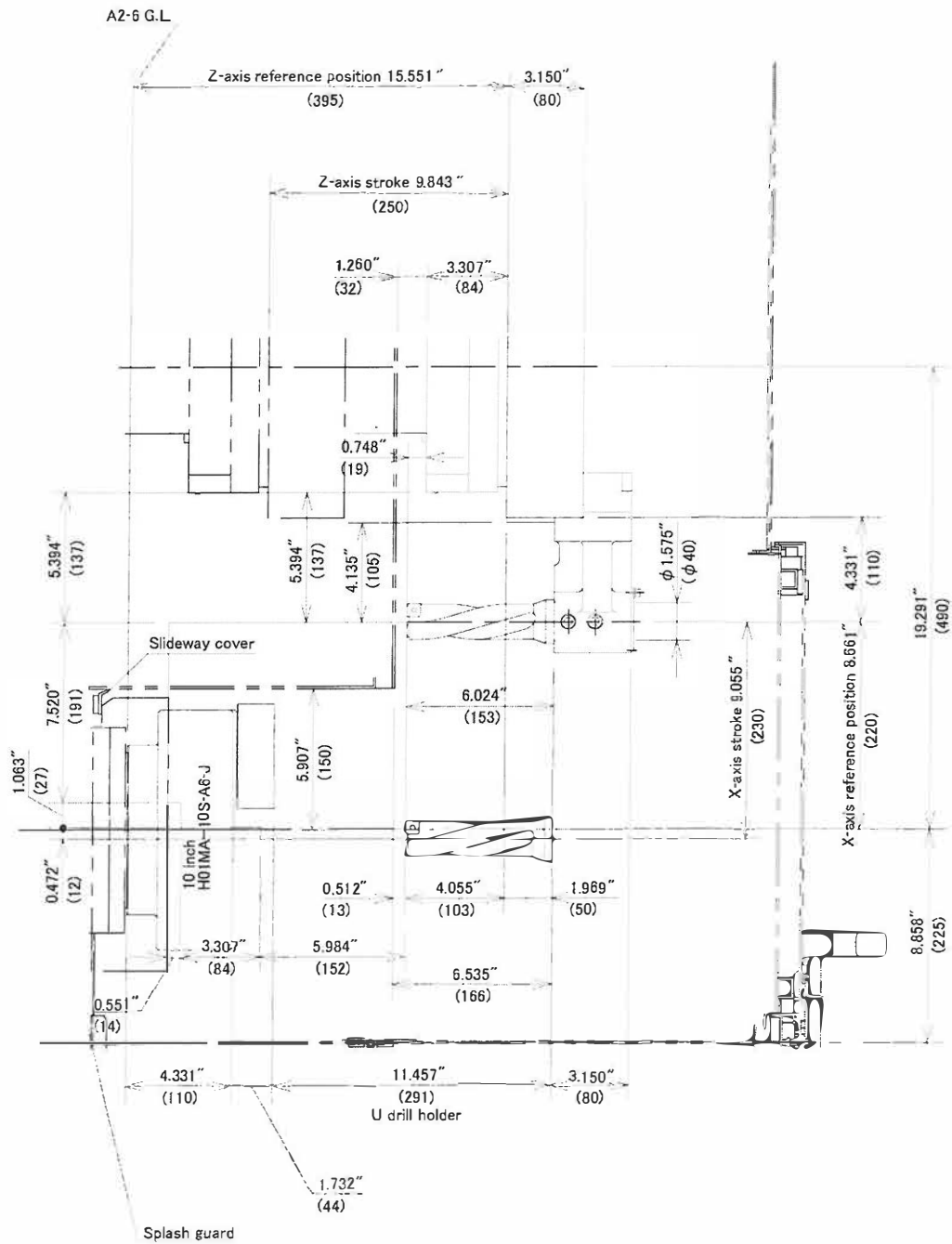


Fig. 3-2(h) Turret travel (U drill holder)

(inch)

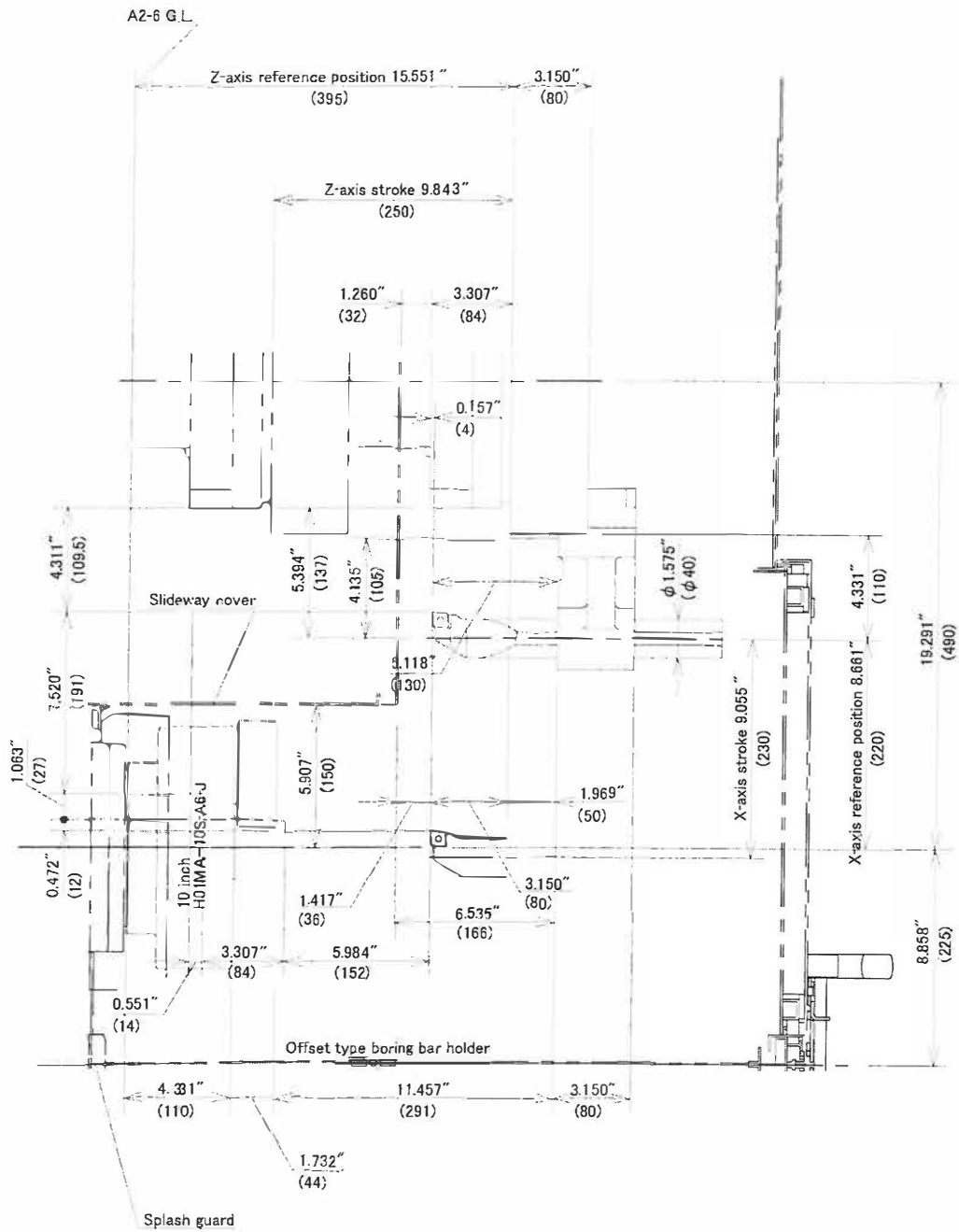


Fig. 3-2(i) Turret travel (Offset type boring bar holder)

(mm)

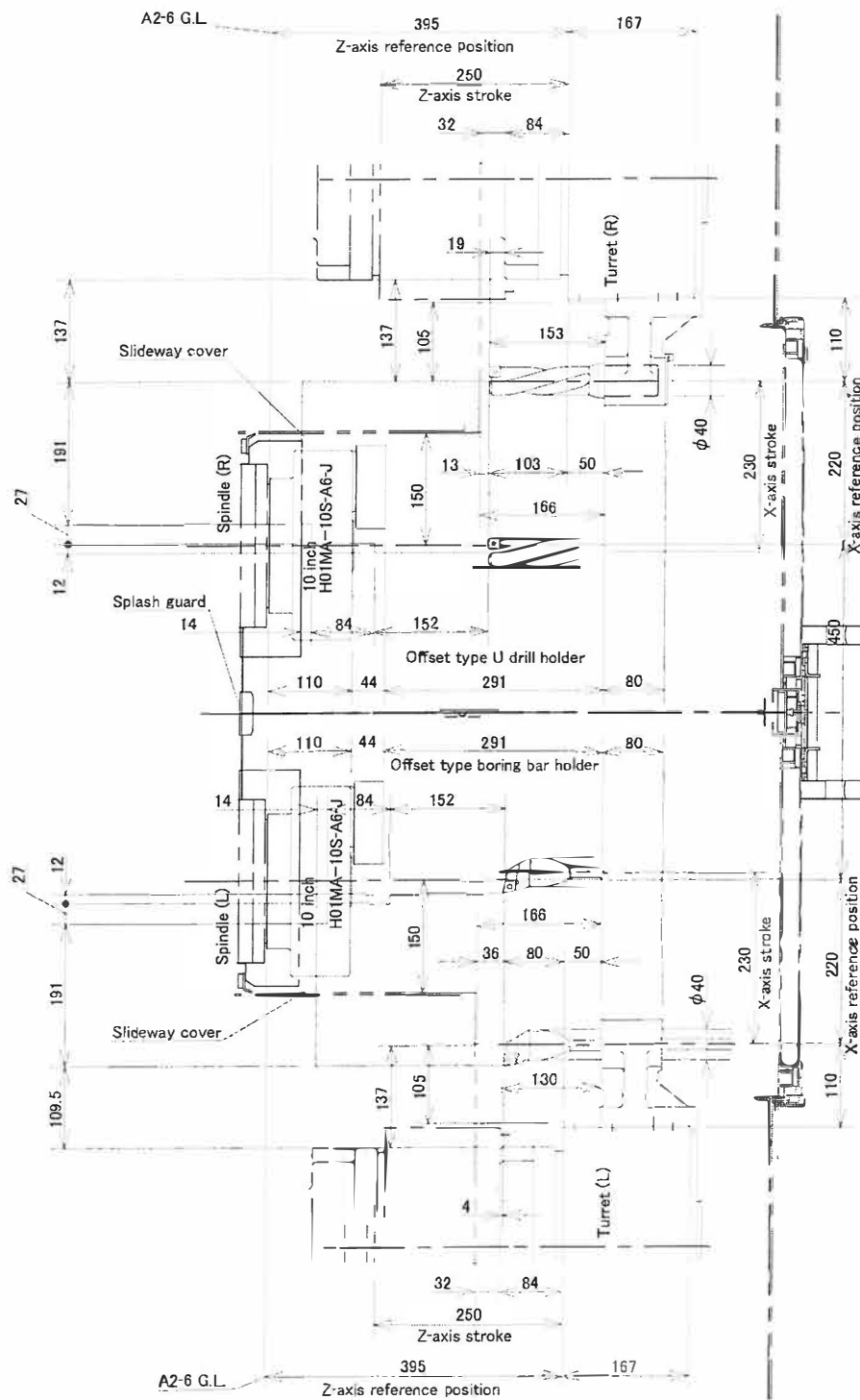


Fig. 3-2(j) Turret travel (Offset type U drill holder, Offset type boring bar holder)

(inch)

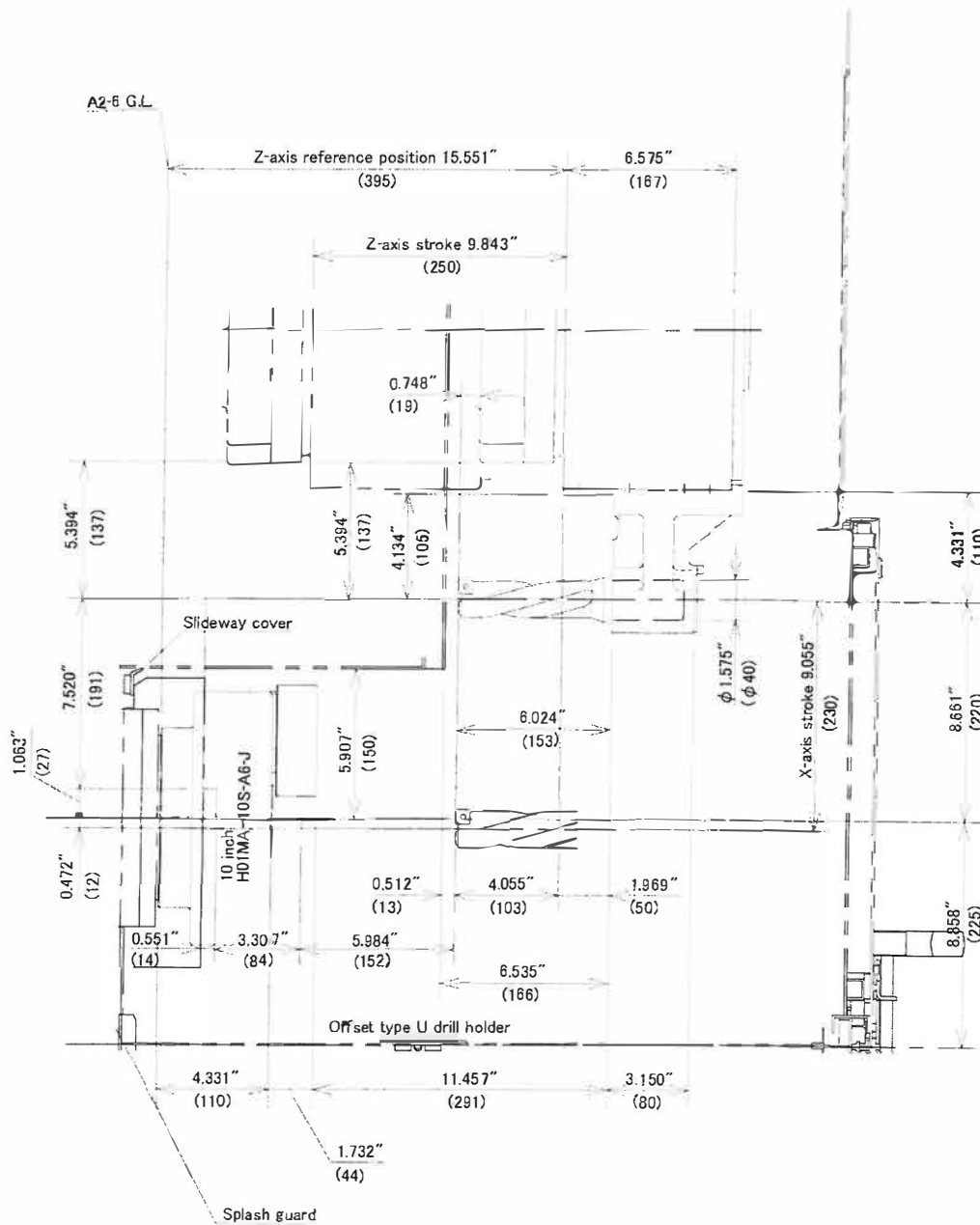


Fig. 3-2(k) Turret travel (Offset type U drill holder)

(inch)

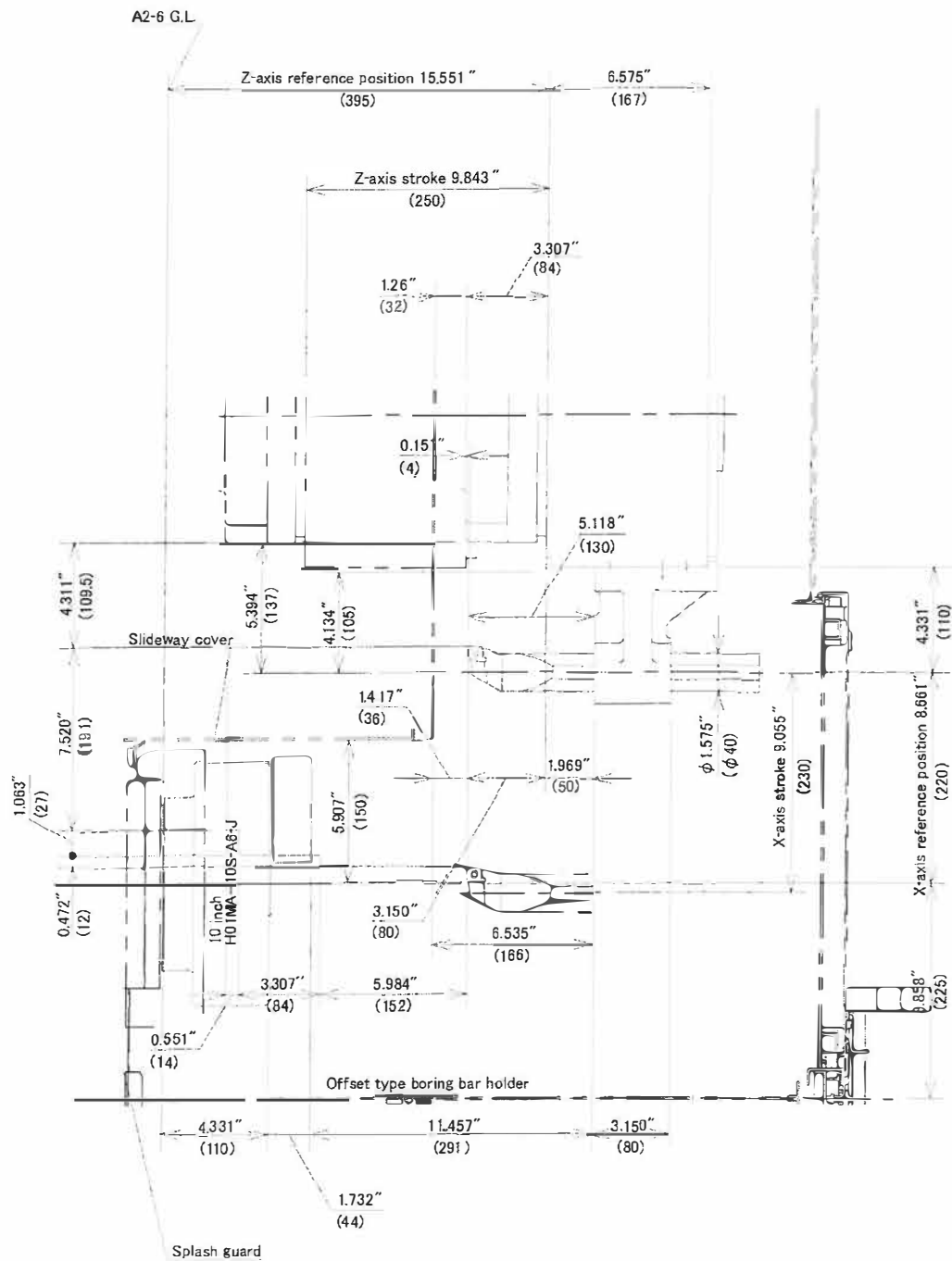


Fig. 3-2(l) Turret travel (Offset type boring bar holder)

[illegible]

TT-2600 (F.S. 0i-T/31i)
XZ04060-101

(inch)

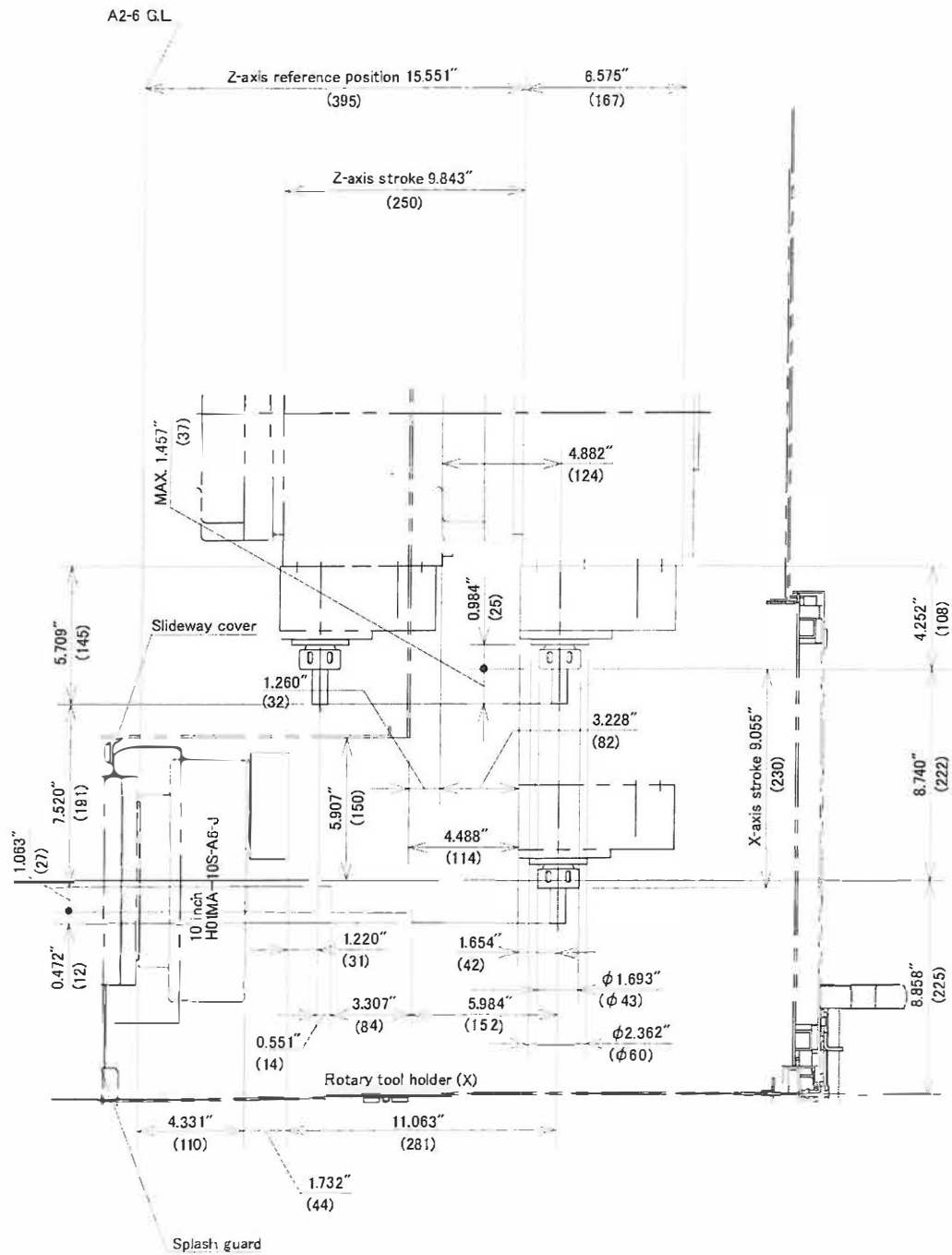


Fig. 3-2(n) Turret travel (Rotary tool holder (X))

(inch)

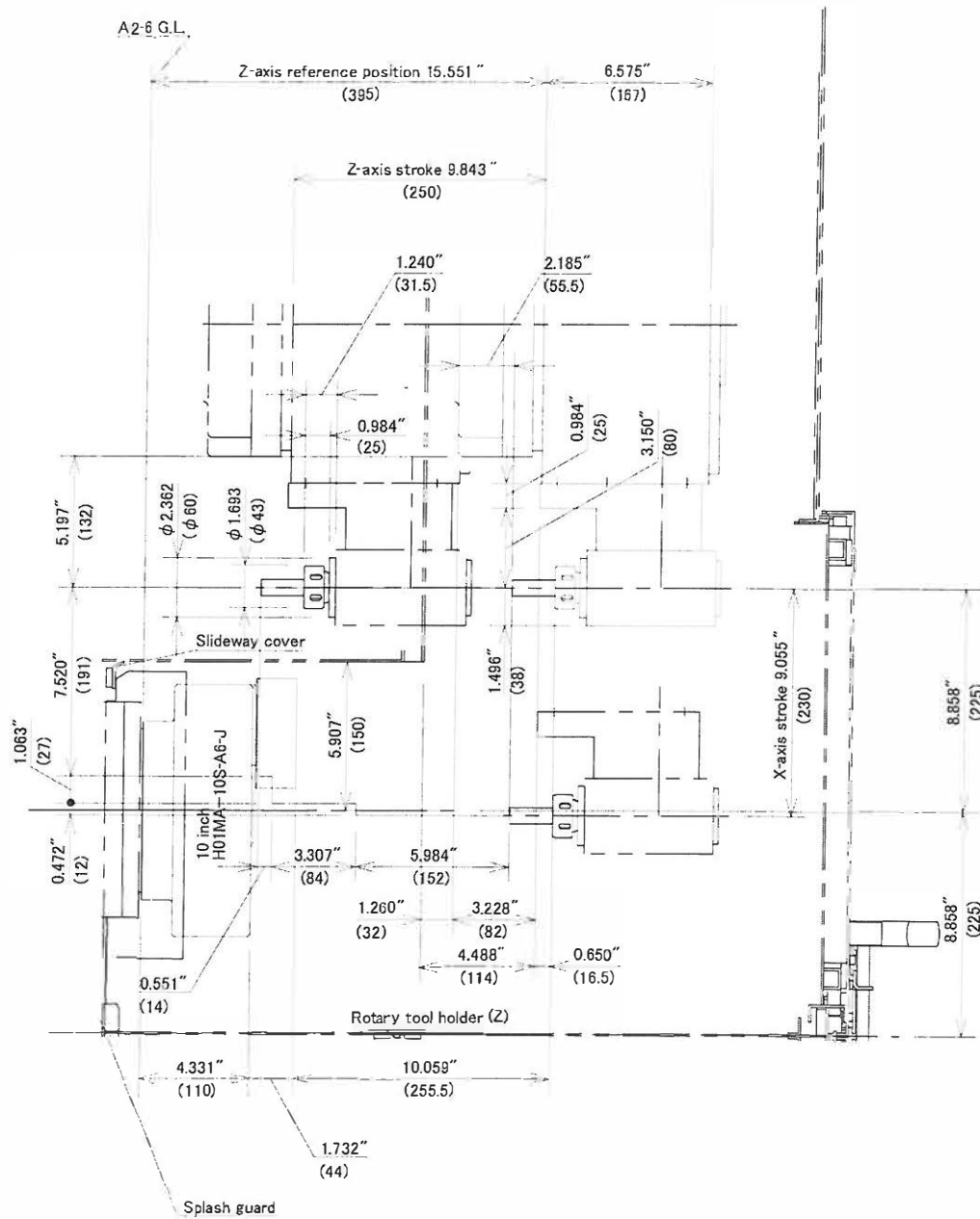


Fig. 3-2(o) Turret travel (Rotary tool holder (Z))

4 TURRET DIMENSION CHART

XD21002-001

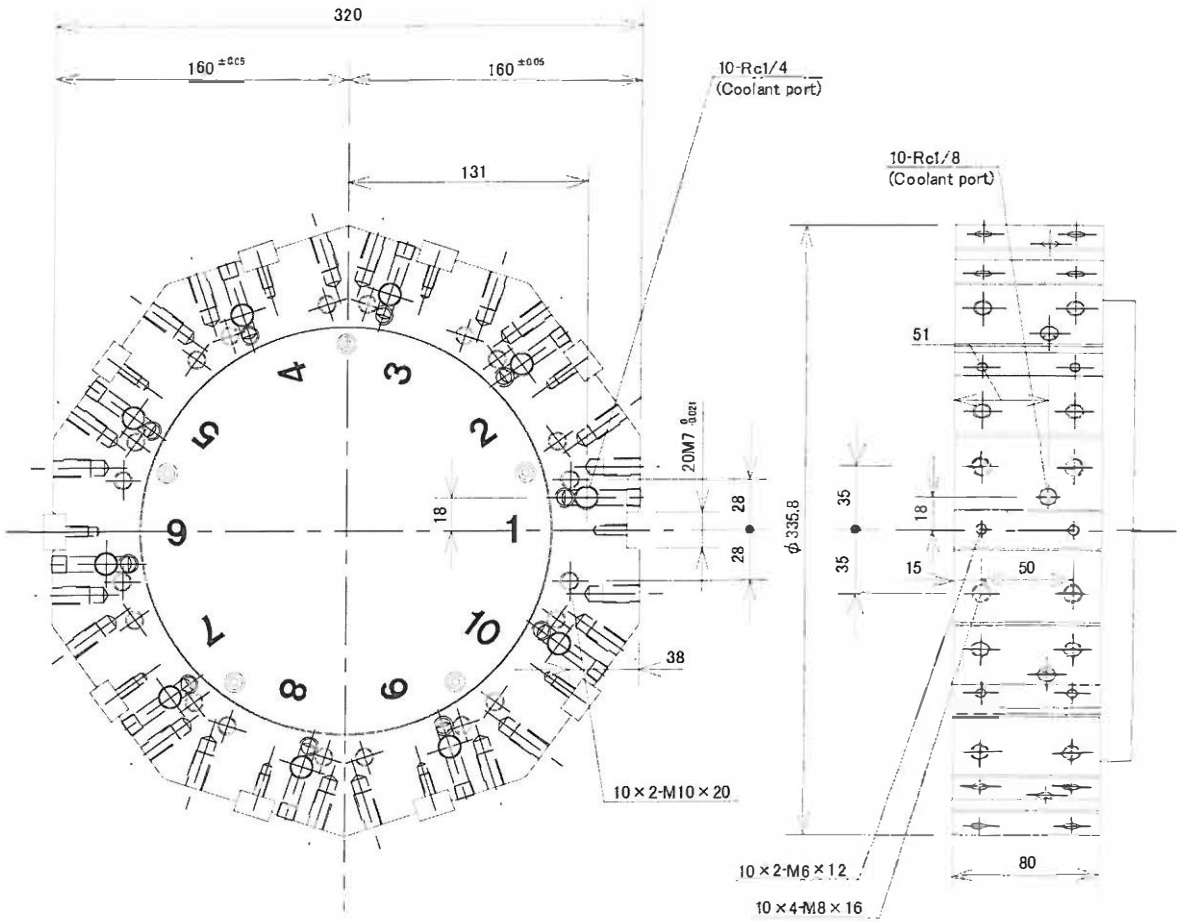


Fig. 4(a) All hoder type turret (10-station turret)

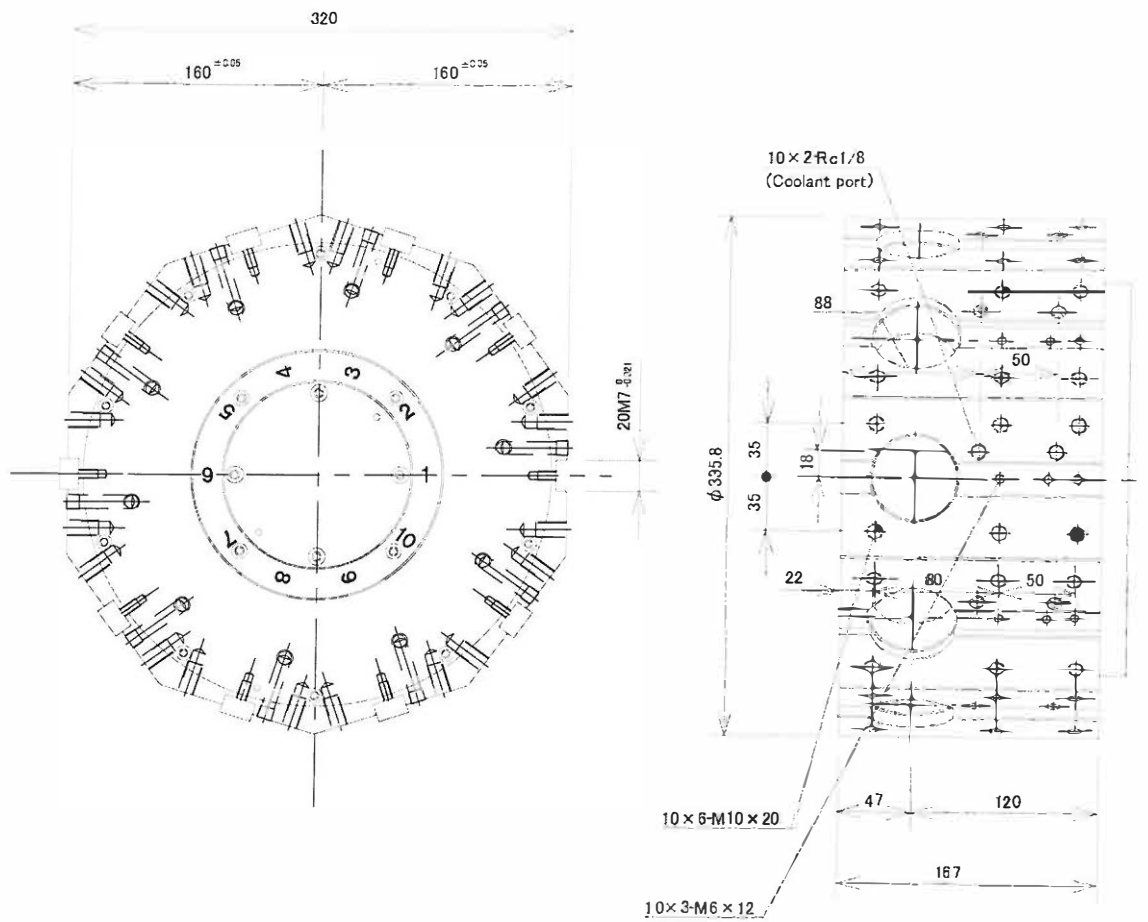


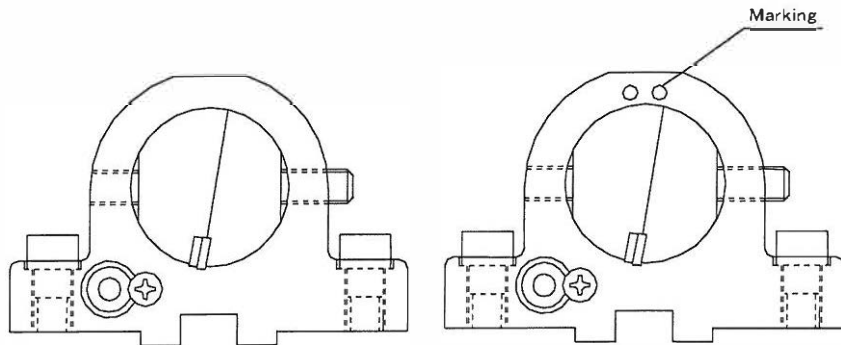
Fig. 4(b) Rotary tool type turret (10-station turret)

5 MARKING OF HOLDER

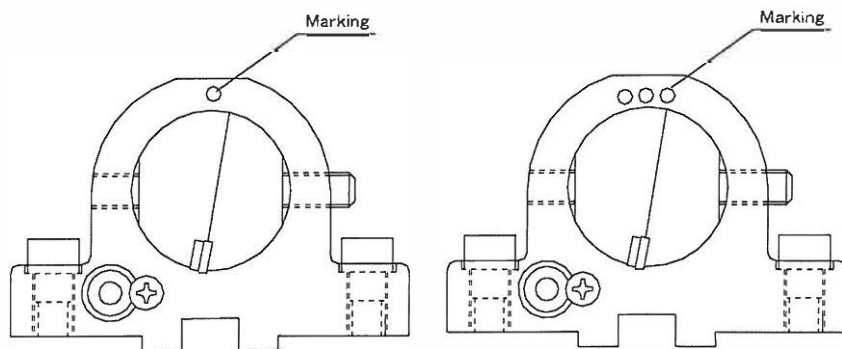
Turning holder, boring bar holder and U-drill holder are identified as follows.

Holder	Identification (mm)	Identification (inch)
Turning holder	Non-mark	○
Boring bar holder		
U-drill holder		
Gauging boring bar holder	○ ○	○ ○ ○

Identifying example (mm)



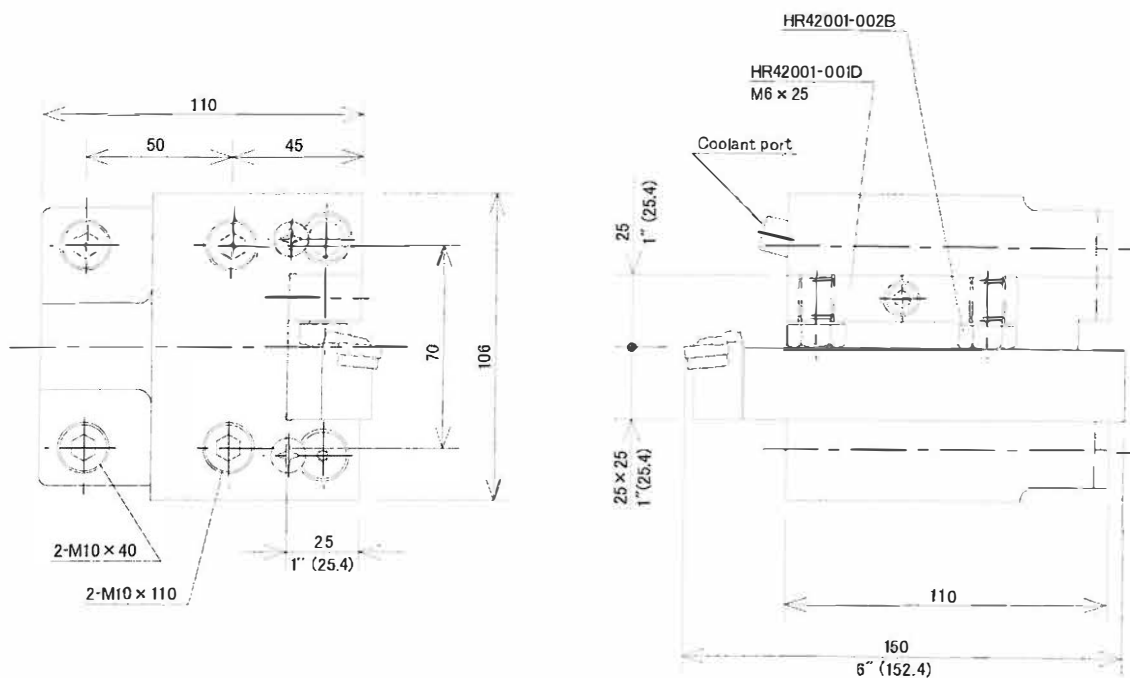
Identifying example (inch)



6 TURNING HOLDER

(mm): NR22001-002

(inch): NR22011-002



Tool holder clamp : Wedge type

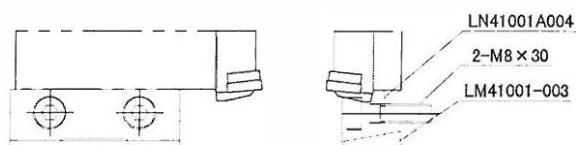
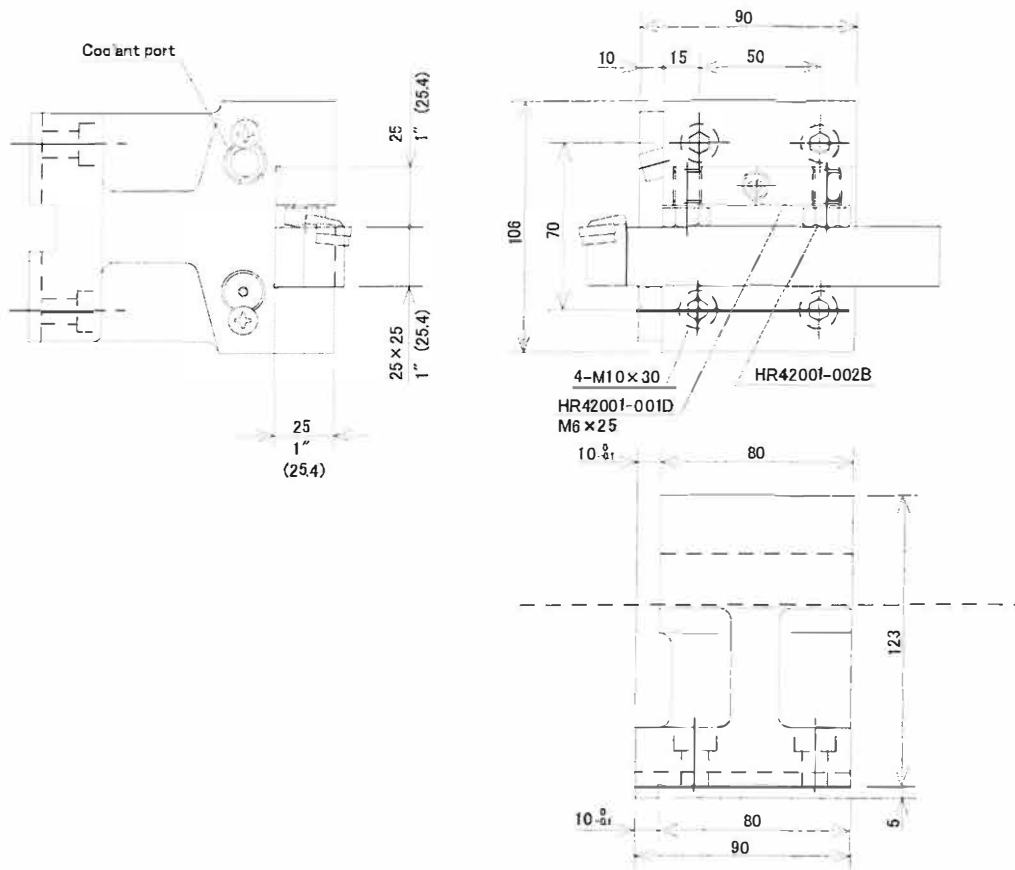


Fig. 6(a) Turning holder

(mm): NR22002-001B

(inch): NR22012-001C



Tool holder clamp : Wedge type

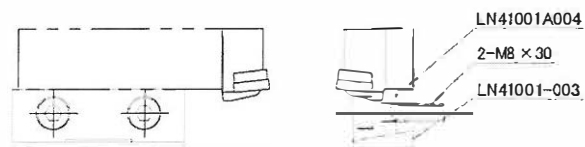


Fig. 6(b) Facing holder

7 BORING BAR HOLDER

(mm): NR22028-001A

(mm): NR22029-001A (Gauging)

(inch): NR22032-001A

(inch): NR22033-001A (Gauging)

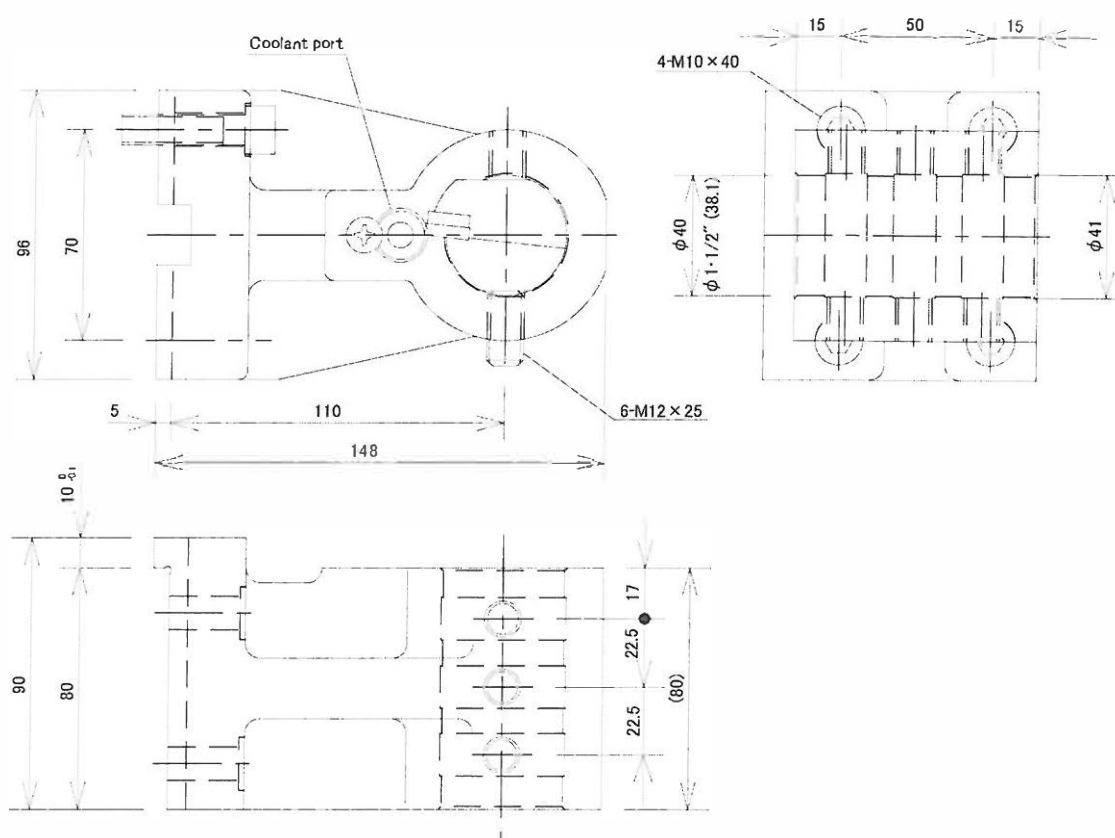


Fig. 7(a) Boring bar holder

(mm): NR22030-001A

(mm): NR22031-001A (Gauging)

(inch): NR22034-001A

(inch): NR22035-001A (Gauging)

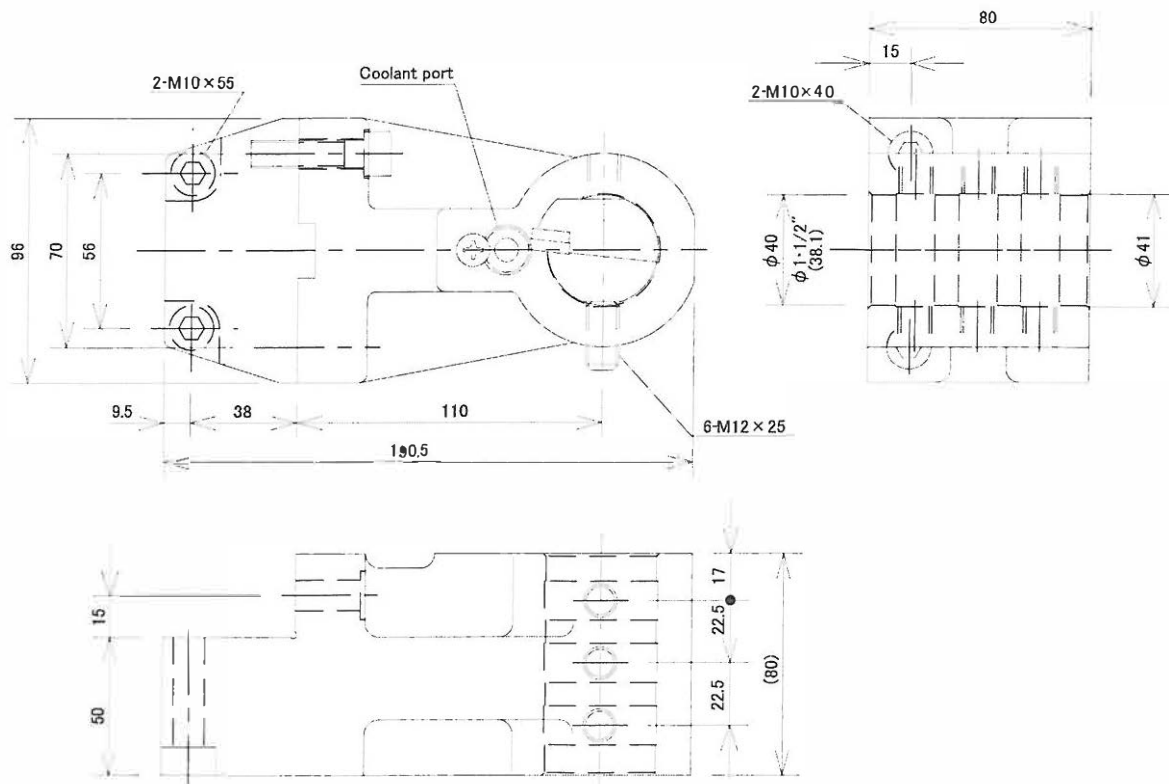


Fig. 7(b) Boring bar holder (Offset type)

(mm): XD22005-001

(mm): XD22006-001 (Gauging)

(inch): XD22009-001

(inch): XD22010-001 (Gauging)

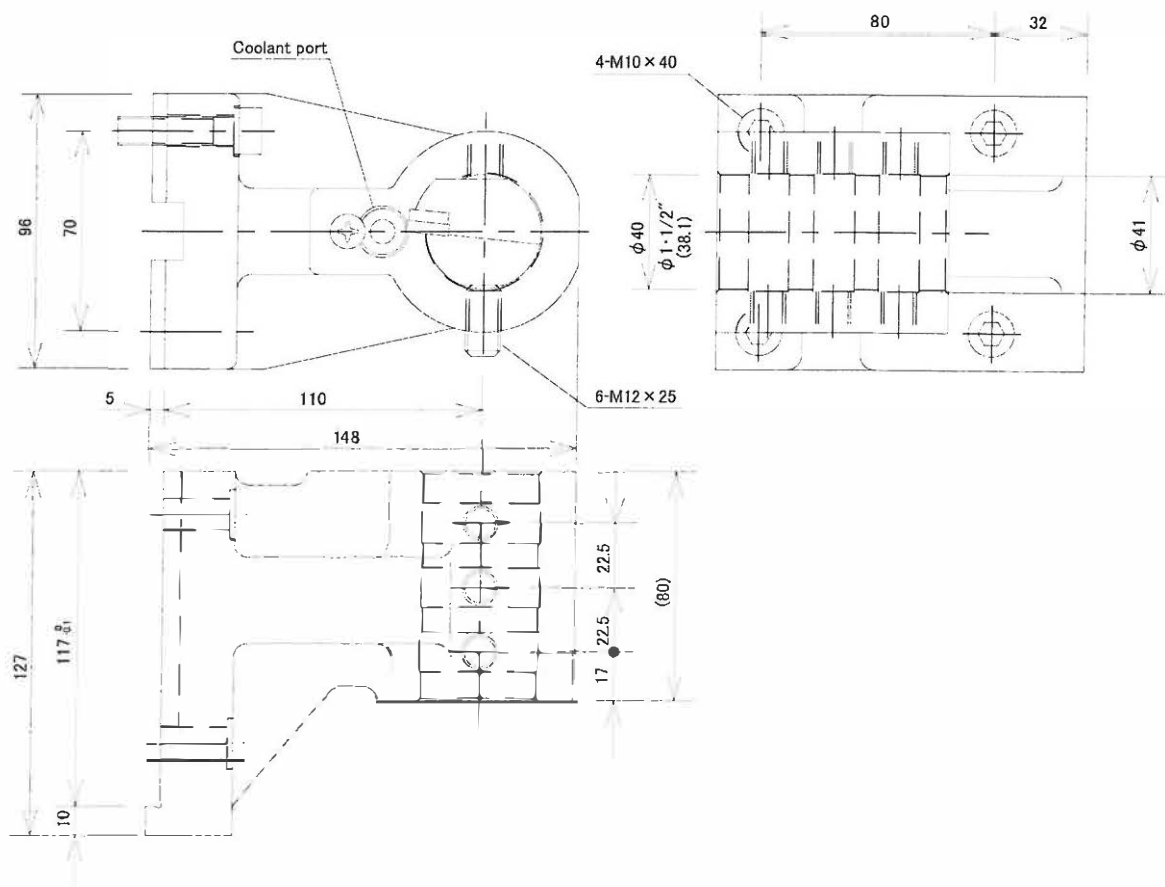


Fig. 7(c) Boring bar holder (Rotary tool type 10-station turret : Offset type)

8 U-DRILL HOLDER

(mm, inch): NR22024-001

(mm, inch): NR22025-001 (Gauging)

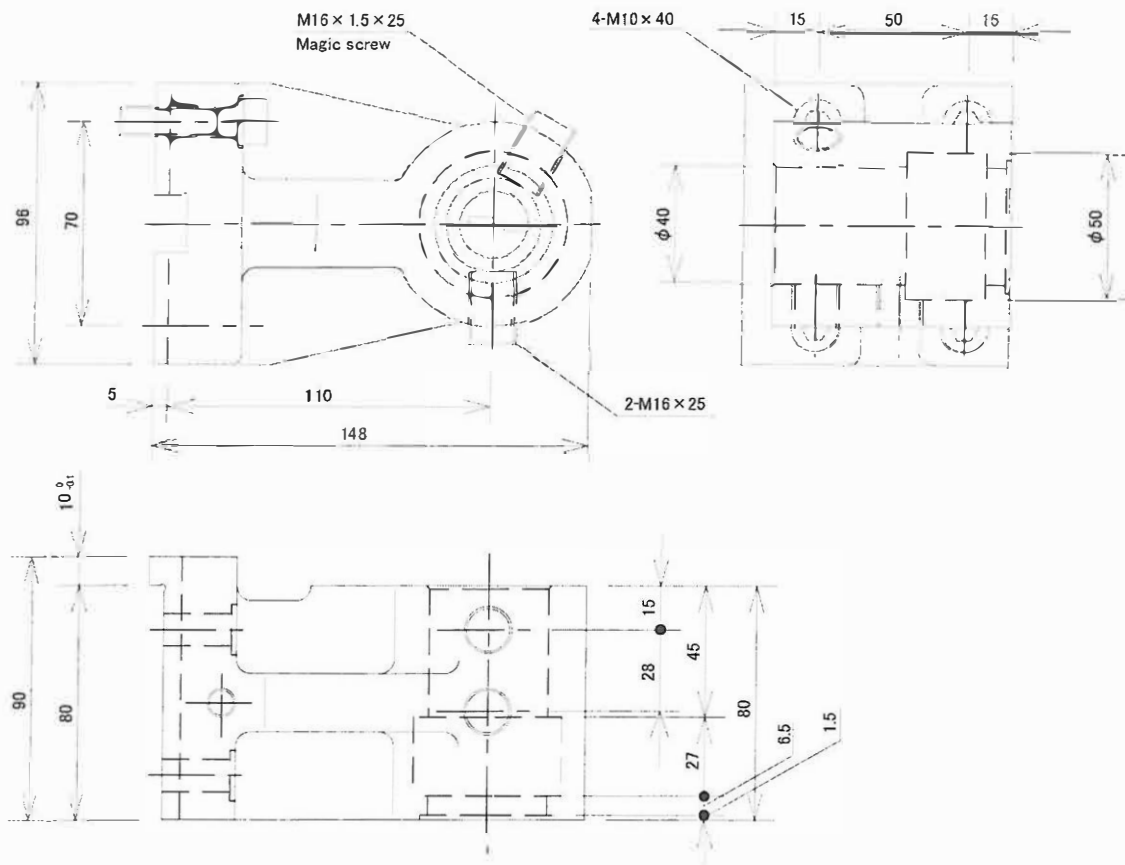


Fig. 8(a) U-drill holder

(mm, inch): NR22026-001

(mm, inch): NR22027-001 (Gauging)

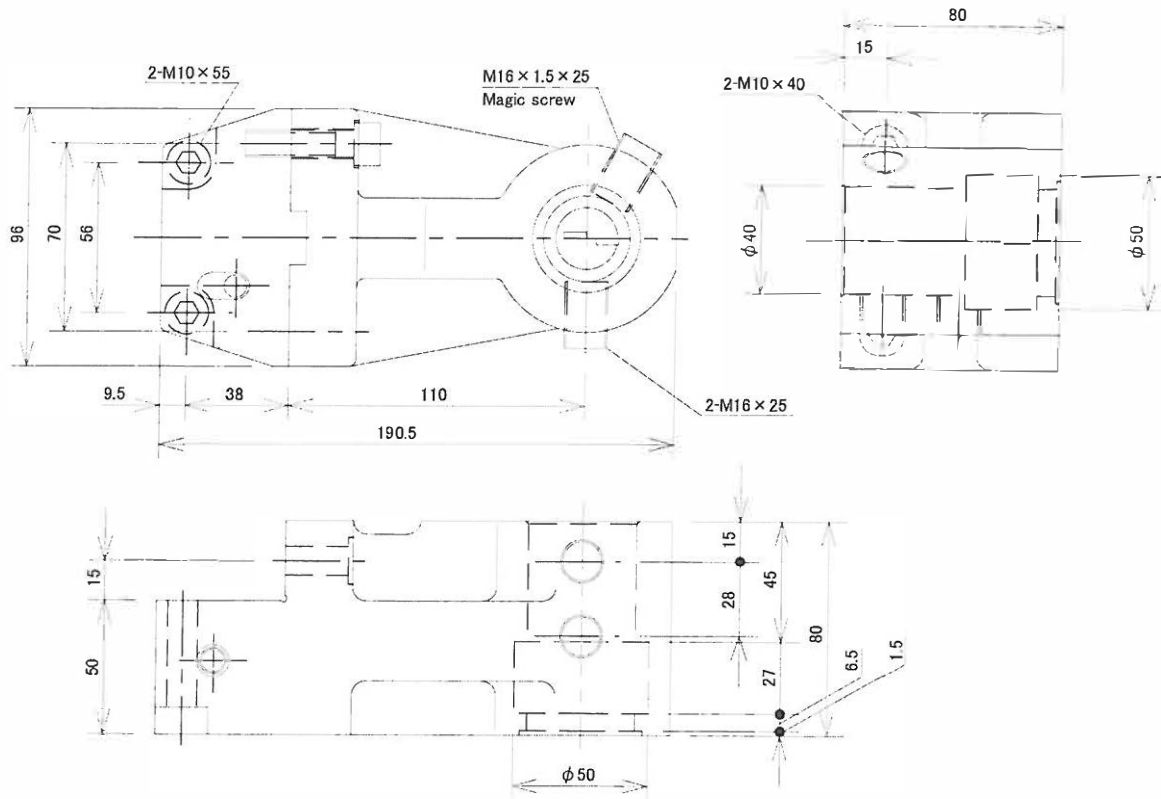


Fig. 8(b) U-drill holder (Offset type)

(mm, inch): XD22007-001

(mm, inch): XD22008-001 (Gauging)

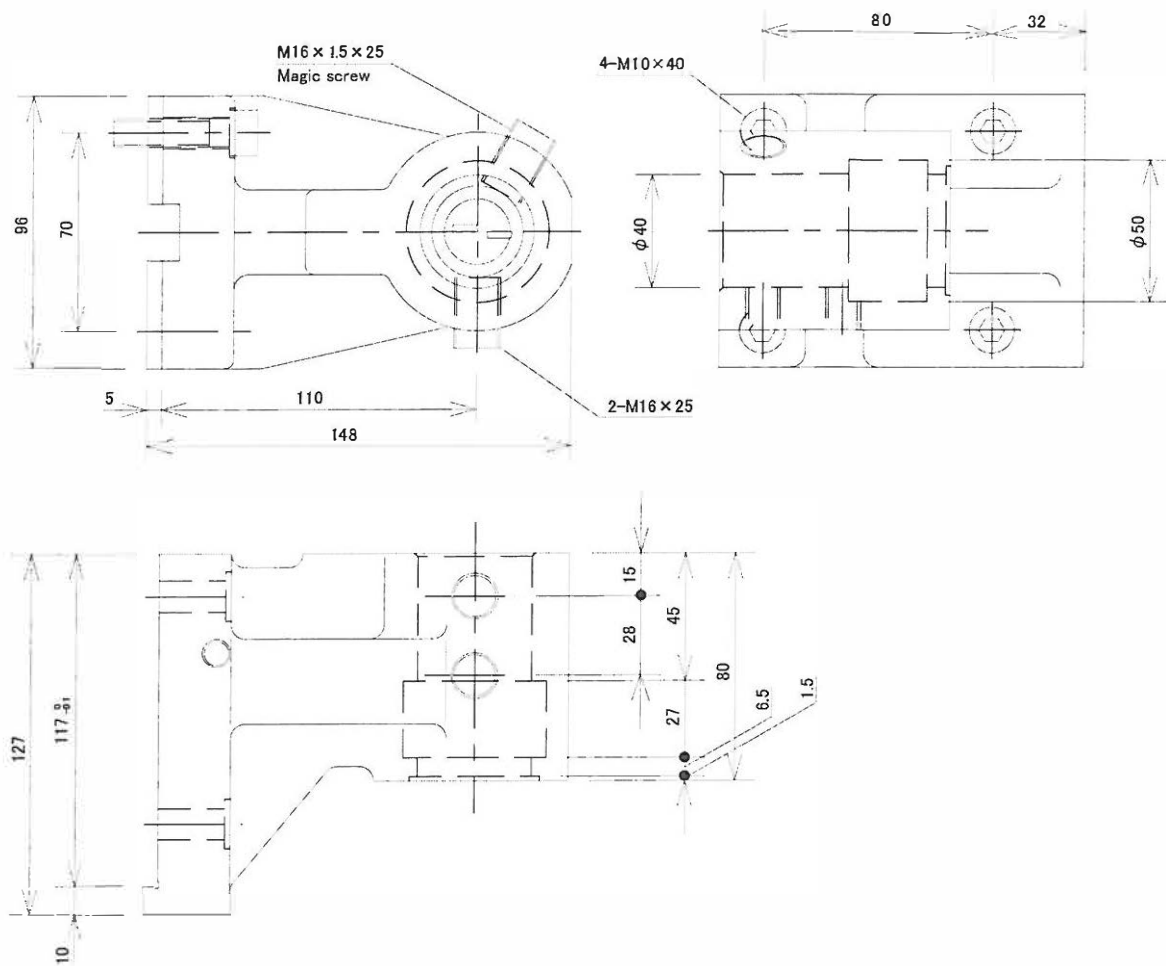


Fig. 8(c) U-drill holder (Rotary tool type 10-station turret : offset type)

9 ROTARY TOOL HOLDER

GM81999-469

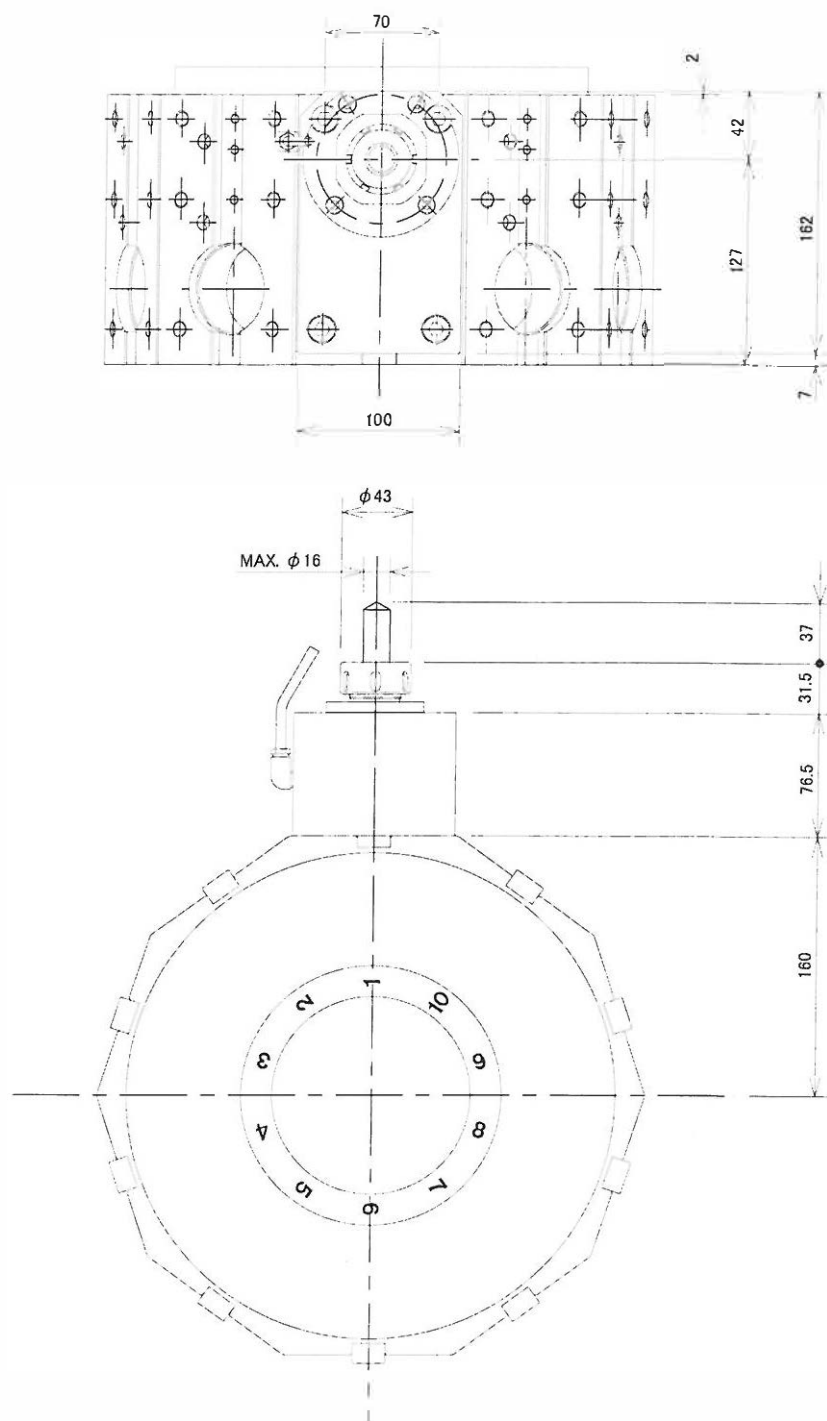


Fig. 9(a) Rotary tool holder (X-axis)

GM81999-470

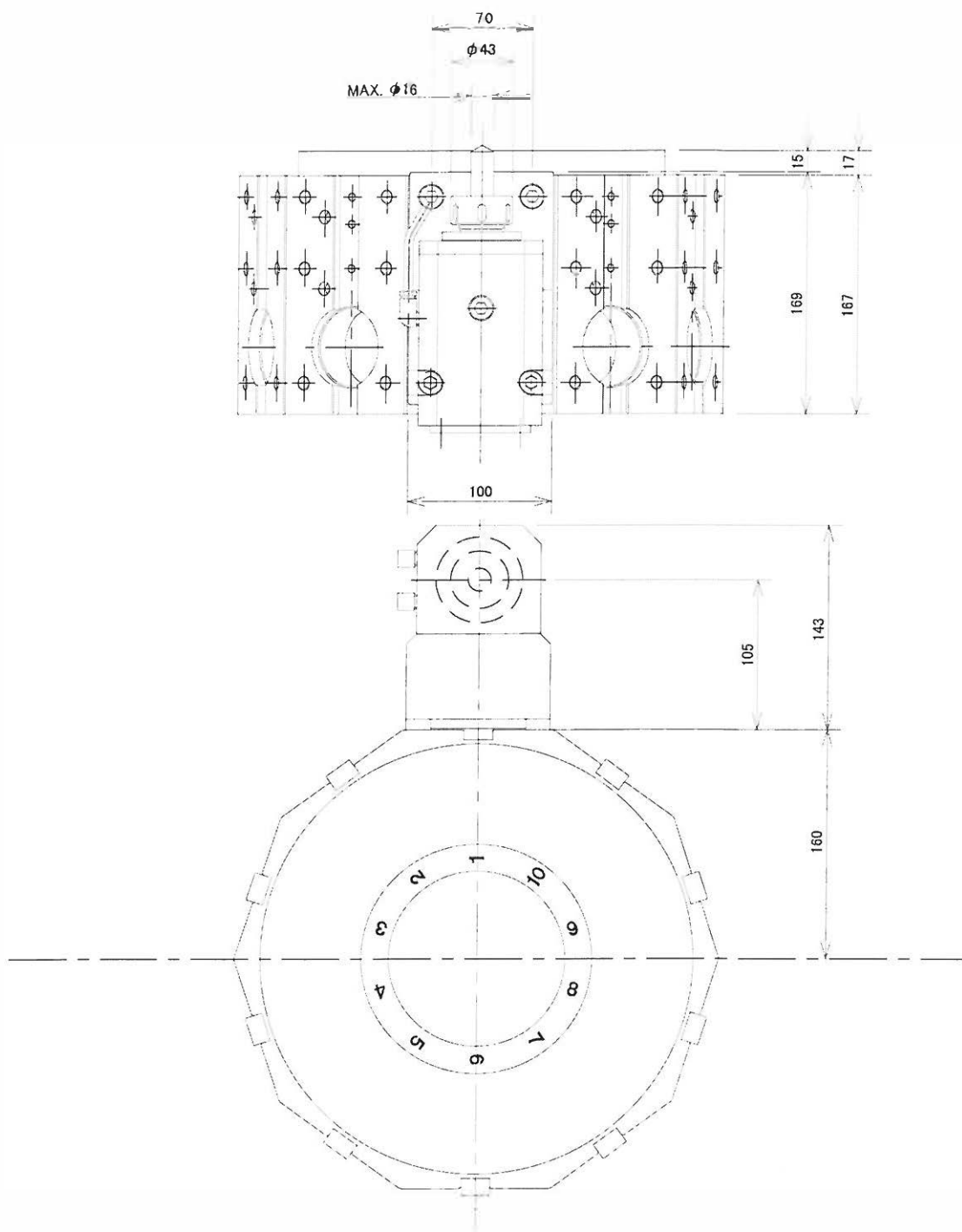


Fig. 9(b) Rotary tool holder (Z-axis)

10 TURRET TOOL INTERFERENCE CHART

This figure is L-spindle viewed from machine front.

Though R-spindle is positioned at opposite side, tie-in point is the same.

(mm)

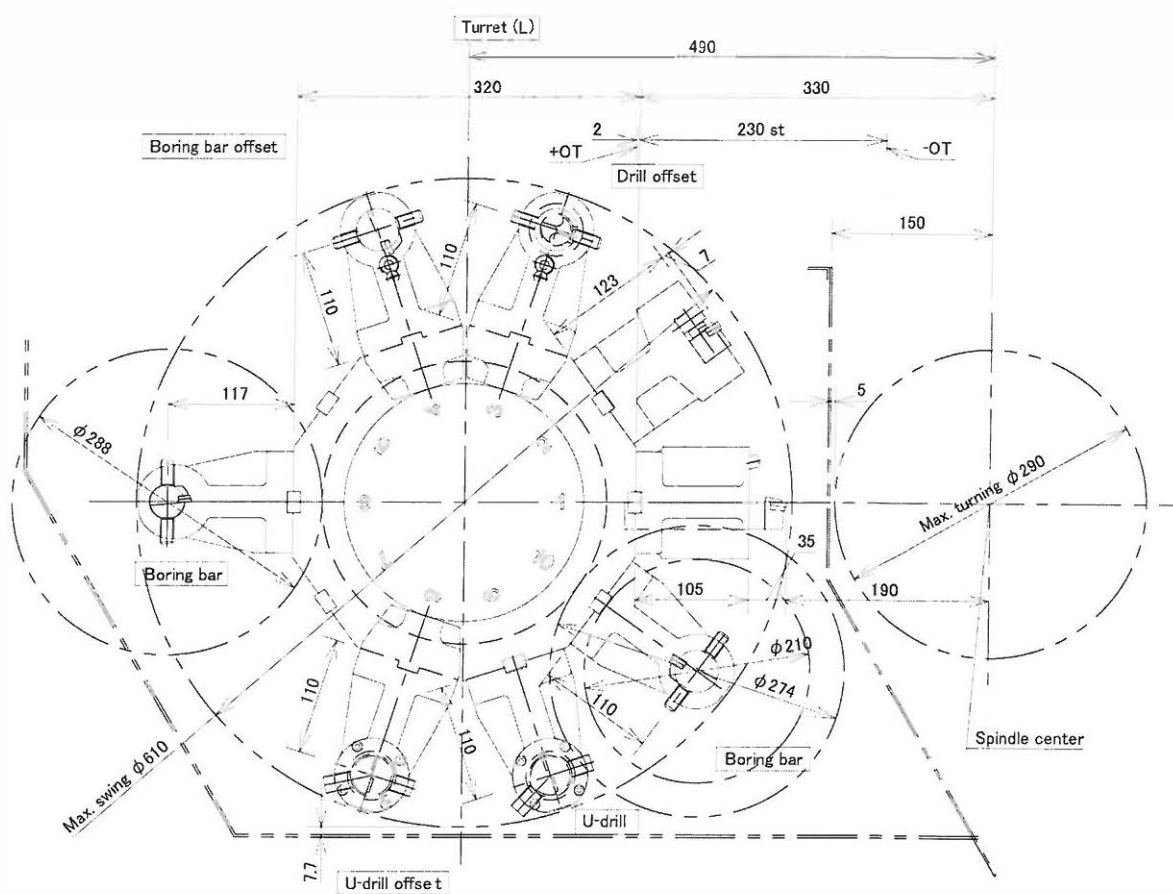


Fig. 10(a) Turret tool interference chart

Though R-spindle is positioned at opposite side, tie-in point is the same.

[illegible]

TT-2600 (F.S. 0i-T/31i)
XZ04060-101

Though R-spindle is positioned at opposite side, tie-in point is the same.

[illegible]

Fig. 10(c) Turret tool interference chart (Rotary tool type turret)

Though R-spindle is positioned at opposite side, tie-in point is the same.

TT-2600 (F.S. 01-T/311)
XZ04060-101

11 PRECAUTIONS

- (1) The number is marked on one surface of the holder for boring bar and drilling.

Consequently, when center drill, reaming, small drill machining or a high precision machining are performed, adjust the holder to the turret position before using.

To make more precision machining, warm up the machine.

- (2) Never attempt to replace the tool from the rotary holder at the machining position. It is very dangerous.

The tool can be replaced at any position except the machining position.

- (3) Be sure to cover the turret hole where the rotary tool holders are not provided to avoid the turret from malfunction.

(Cover : XD22001-002, with O-ring G50)

- (4) When the tool is set with the tool end exceeded from the turret width, take care so that the tool will not interfere with the turret body and the cover on the spindle side.

- (5) The optimum tool-interfered diameter is shown.

Take care since the tool-interfered diameter for workpiece may be reduced.

For the size not entered in this manual, contact our Service Dept.

No part of this manual may be reproduced
in any form without permission.

NC lathe

TT-2600

PARTS LIST

XZ04070-101

Please read each manual and
understand contents enough.
Then keep these manuals handy for
answers to any questions you may
have and to check.

MACHINE TOOLS

TAKISAWA

IMPORTANT NOTICE

- Be sure to read each instruction manual before operating the machine.
Be sure to observe the safety precautions in the instruction manuals and the contents of warning labels adhered to the machine. If ignored, an accident resulting in injury or death or machine malfunction may be caused.
There are many [DISABLE] or [MUST NOT DO] conditions.
Unless [ABLE] is written in the instruction manual, consider it [DISABLE].
- Some illustrations in the instruction manual are given without cover or door to illustrate the detailed parts. In actual operation, it is necessary to mount the cover or door.
- Keep instruction manuals handy for ready reference as it will help you operate the machine and equipment to their full advantage.
- When any instruction manual is required again, contact your agent with the number of the instruction manual (or model name, manual name).
- Japanese laws prohibit this machine from being used to develop or manufacture "weapons of mass destruction" or "conventional arms", as well as from being used to process parts for them.
Export of the product may require the permission of governmental authorities of the country from where the product is exported.
Should you wish to resell, transfer or export the product, please notify Takisawa Machine Tool Co., Ltd. or our distributor in advance.
- Observe the laws and regulations established by the national and local governments.
- Observe the laws and regulations established by the national and local government for disposal of machines and waste oil.

- Software copyright is held by us.
- No part of the software is allowed to use, copy, or modify without written permission of us.
- This instruction manual is copyrighted, and all rights are reversed. No part of the drawings and technical descriptions contained in this instruction manual may be disclosed, photocopied, translated to another language or copied to any readable electronic devices and apparatus without the prior written consent.
- The contents in this instruction manual are subject to change without notice.
- All brand names and product name listed in this instruction manual are trademarks or registered trademarks of their respective companies.
- This instruction manual is prepared for native English-speakers. When the machine is operated by non-native English speakers, please provide safety instruction for the operators by customers. In addition, please provide warning labels in their native language.
- Be sure to attach this instruction manual in case of reselling this machine.
- The manual is written for people who have a basic knowledge of machine tools.
TAKISAWA disclaims all responsibility for damage or accidents arising due to people with insufficient knowledge or training with machine tools, attempting to operate, maintain or program said tools.
- When replacing the parts, use the parts specified by company.
TAKISAWA disclaims all responsibility for damage or problems occurring due to using parts other than those specified.
If the specified parts are not used, not only the machine function is reduced but also safety is compromised, thus possibly causing an accident resulting in injury or death or machine malfunction.

- There are many kinds of coolants.

Since TAKISAWA does not specify the coolant, select your desired coolants by consulting with oil makers sufficiently.

In addition, TAKISAWA shall have no liability for trouble incurred by using coolants.

- Contact us for requesting an installation, modification, and specification change, and dismantlement of the machine. If the machine is installed, modified, or its specification is changed by customer, not only the performance of the machine may be lost but also the safety of the customer may not be secured.

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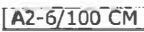
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[8_inch]

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 TAKISAWA 		水通 4775 12月 12日 11:10 AM 水通 4775 12月 12日 11:10 AM	
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XF06011-003
1-
GK03020-006
2-M3X20

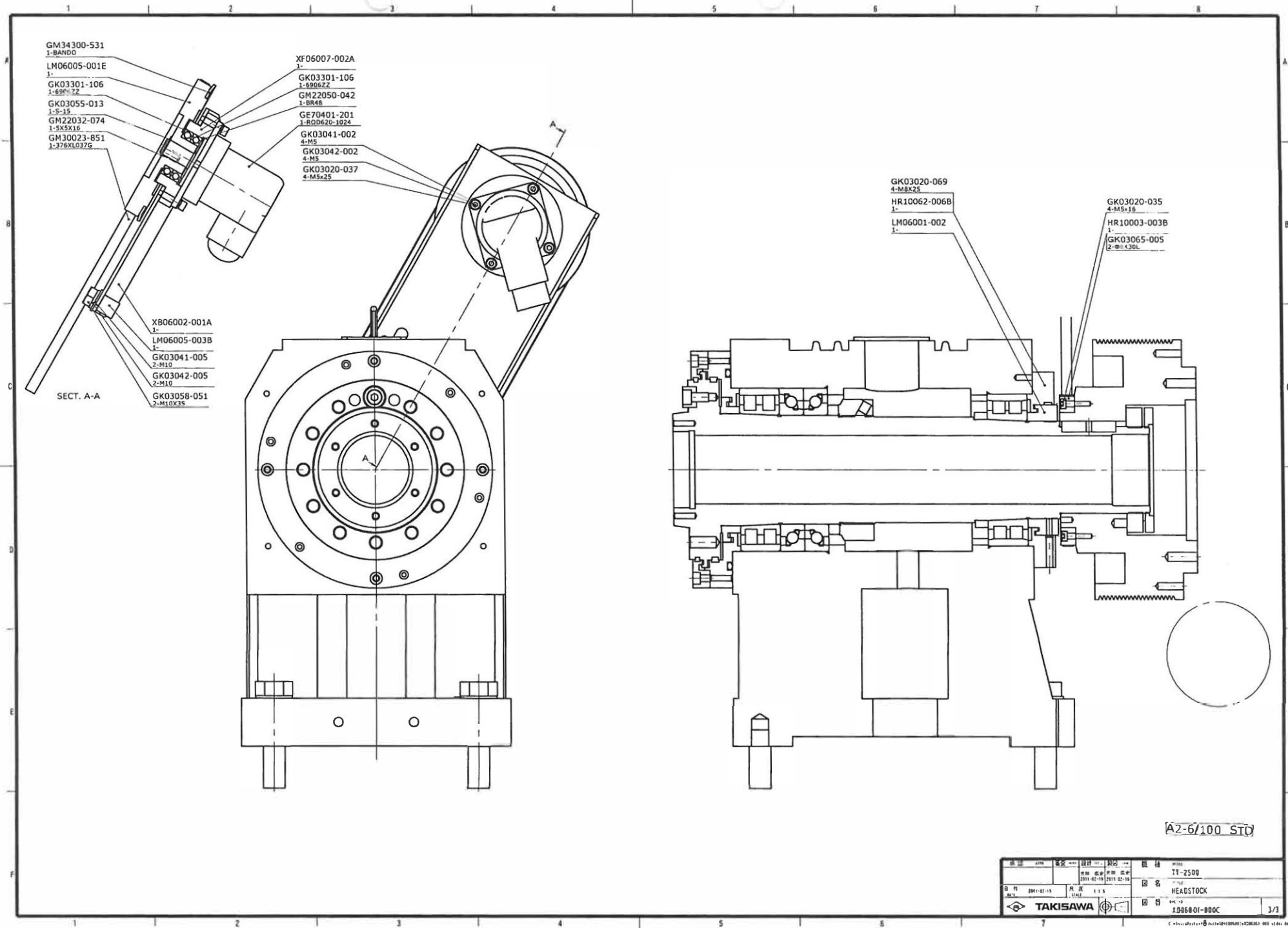
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4-M20
GK03041-010
4-M20

XD06008-003
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GK03058-008
4-M5X10

XD06008-004
1-
GK03058-008
4-M5X10

GK03024-036
2-M10X20
GK03020-086
2x2-M10X30
GK03020-088
2-M10X40
XM06005-002
2-

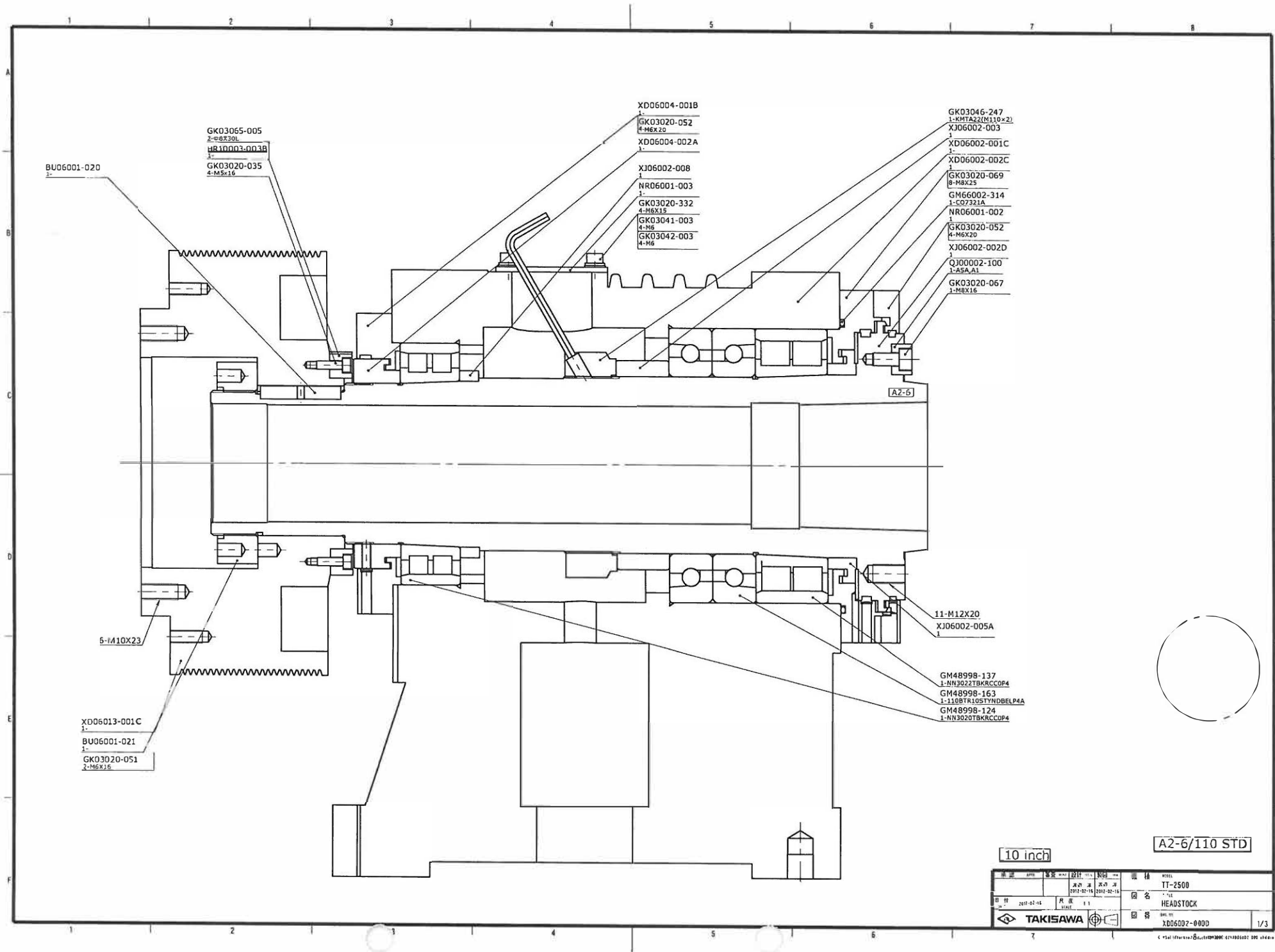
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図名	HEADSTOCK	図番	XZ06001-000C
作成	2011-01-19	承認	2011-02-19
設計	2011-01-19	検査	2011-02-19
材料	2011-01-19	工程	2011-02-19
数量	115	単位	個
TAKISAWA		2/3	



HEADSTOCK (L)
XD06001-000C

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
GK03016-030	O-RING (G)	(NOK)	G-175
GK03020-006	HEX. SOCKET HEAD CAP SCREW	(KKT)	M3X20
GK03020-035	HEX. SOCKET HEAD CAP SCREW	(KKT)	M5X16
GK03020-037	HEX. SOCKET HEAD CAP SCREW	(KKT)	M5X25
GK03020-051	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X16
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-067	HEX. SOCKET HEAD CAP SCREW	(KKT)	M8X16
GK03020-068	HEX. SOCKET HEAD CAP SCREW	(KKT)	M8X20
GK03020-069	HEX. SOCKET HEAD CAP SCREW	(KKT)	M8X25
GK03020-086	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X30
GK03020-088	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X40
GK03020-091	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X60
GK03020-151	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X14
GK03020-332	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X15
GK03021-002	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X40
GK03024-036	HEX. SOCKET SET SCREW	(KKT)	M10X20
GK03041-002	PLAIN WASHER	(JIS STD)	M5
GK03041-003	PLAIN WASHER	(JIS STD)	M6
GK03041-005	PLAIN WASHER	(JIS STD)	M10
GK03041-010	PLAIN WASHER	(JIS STD)	M20
GK03042-002	SPRING WASHER	(JIS STD)	M5
GK03042-003	SPRING WASHER	(JIS STD)	M6
GK03042-005	SPRING WASHER	(JIS STD)	M10
GK03042-010	SPRING WASHER	(JIS STD)	M20
GK03055-013	STOP RING (S)	(OGURA SP)	S-15
GK03058-008	HEX. HEAD BOLT	(KKT)	M5X10
GK03058-019	HEX. HEAD BOLT	(KKT)	M6X12
GK03058-051	HEX. HEAD BOLT	(KKT)	M10X35
GK03065-005	ROLL PIN	(JIS STD)	8X30
GK03084-014	TAPER PIN (DRAW OUT TAPPED)	(JIS STD)	6X20
GK03301-106	BALL BEARING	(NSK)	6906ZZ
GM20525-023	HEX. HEAD BOLT	(KKT)	M20X85
GM21010-166	PIN LOCK NUT	(FUKUDA KO)	FKNA100 (M100X2)
GM22032-074	KEY	(JIS STD)	5X5X16
GM22050-042	STOP RING (BR)	(NTN)	BR48
GM30023-851	SYNCHRO BELT	(BANDO)	376XL037G
GM32001-104	DISC BRAKE	(SANYO SHO)	PC-300Y-01
GM34300-531	FLANGE	(BANDO)	FS145115
GM48998-139	ANGULAR BALL BEARING	(NSK)	100BTR10STYNDBELP4A
GM48998-192	ROLLER BEARING	(NSK)	NN3020TBKRCC9P4
GM48998-193	ROLLER BEARING	(NSK)	NN3018TBKRCC9P5
HR10003-003B	SYNCHRONOUS PULLEY	S45C	
HR10005-003D	NUT	S45C	
HR10062-003C	FLANGE	S45C	
HR10062-006B	FLANGE	S45C	
HR10062-009	COLLAR	S45C	
HR10062-012B	COLLAR	S45C	
HR10062-014	KEY	S45C	
LM06001-002	NUT	S45C	
LM06005-001E	PULLEY WITH FLANGE	S45C	
LM06005-003B	PLATE	SS41	
NR06001-002	FLANGE	S45C	
NR06001-003	COVER	SPCC	
NR06011-002	NUT	S45C	
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XB06002-001A	BRACKET	SPCC	

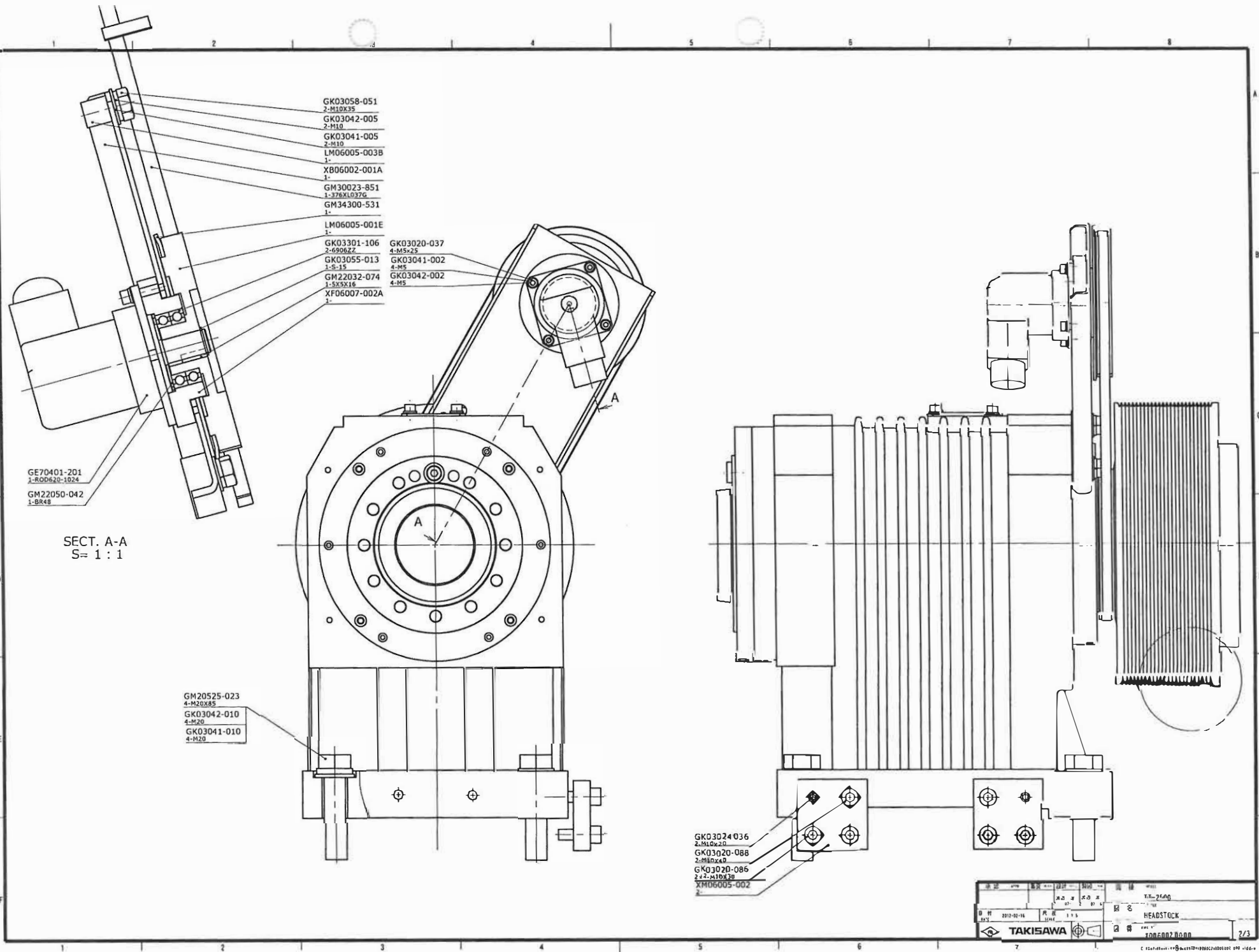
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XD06008-002B	FLANGE	S45C	
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XD06008-004	COVER	SPCC	
XD06012-001B	PULLEY	FCD550	
XF06007-002A	FLANGE	S45C	
XF06011-001	COLLAR	S45C	
XF06011-002	FLANGE	S45C	
XF06011-003	PLATE	SS400-D	
XM06001-002A	SPINDLE	SCM435	
XM06005-002	BLOCK	SS400	



10 inch

A2-6/110 STD

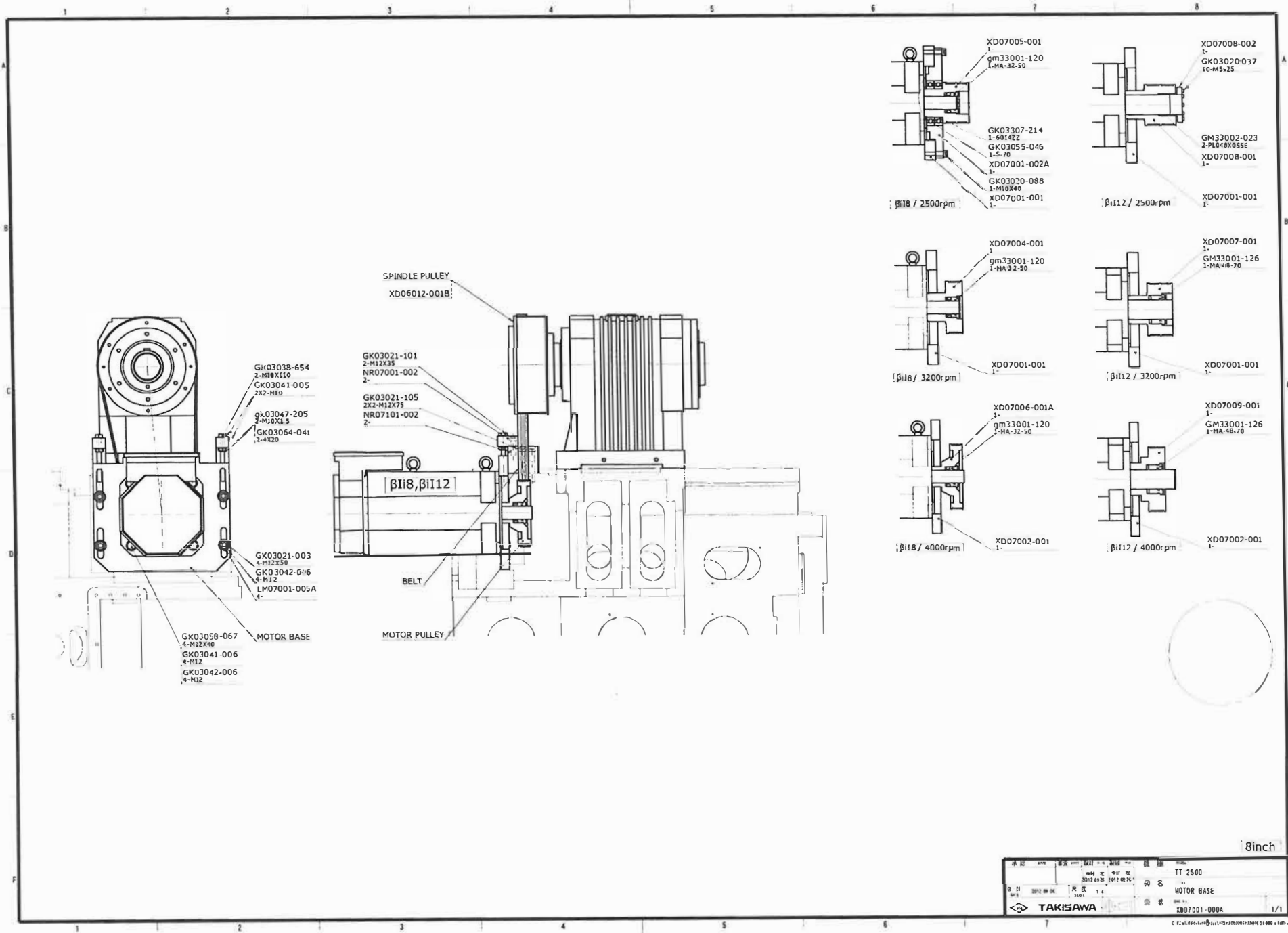
TAKISAWA		TT-2500	
HEADSTOCK		XZ06002-0000	
1/3			



HEADSTOCK (R)
XD06002-000D

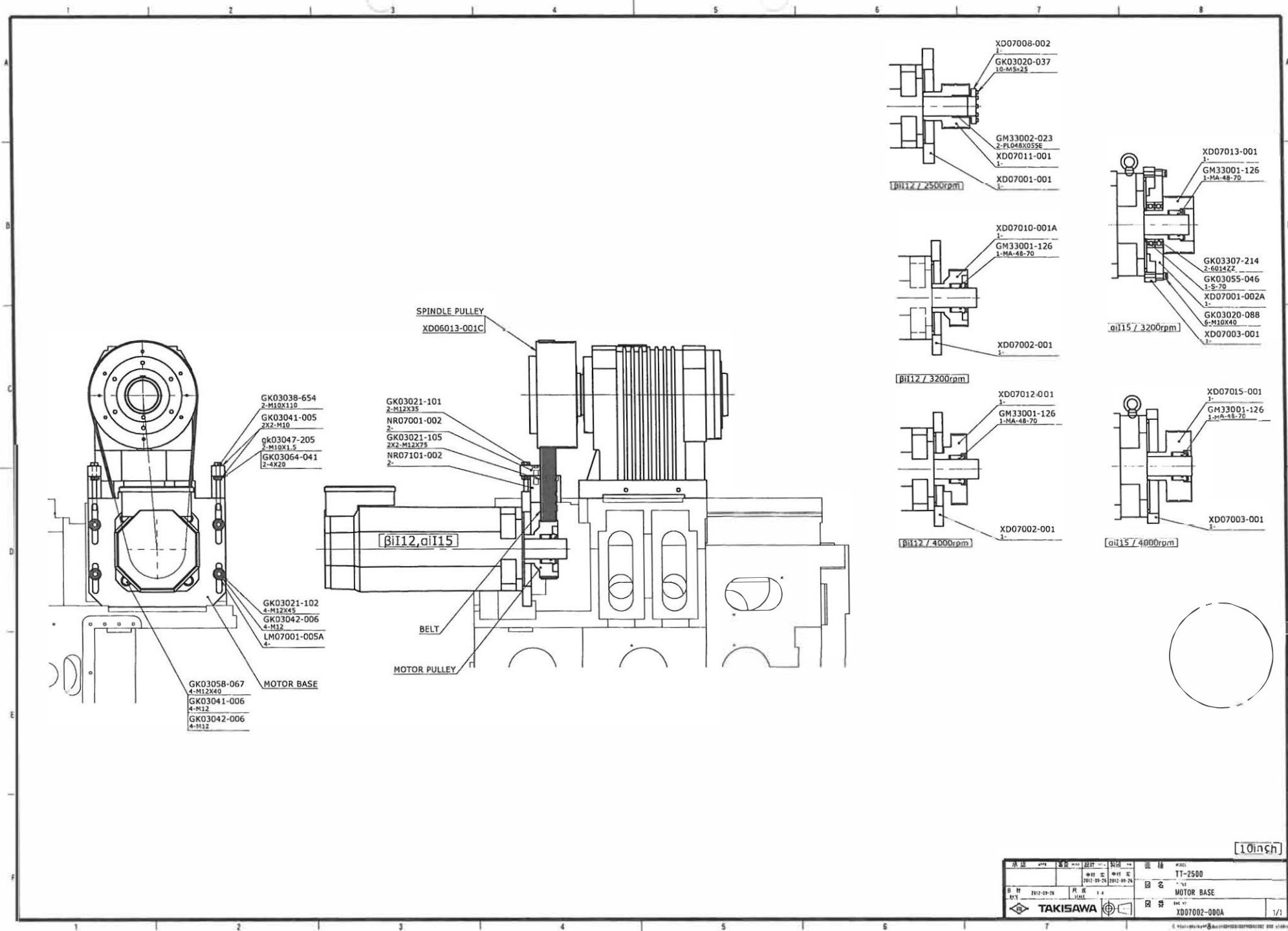
PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
GE70401-201	ENCODER (H. HAIN)	(H. HAIN)	ROD620-1024
GK03020-006	HEX. SOCKET HEAD CAP SCREW	(KKT)	M3X20
GK03020-035	HEX. SOCKET HEAD CAP SCREW	(KKT)	M5X16
GK03020-037	HEX. SOCKET HEAD CAP SCREW	(KKT)	M5X25
GK03020-051	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X16
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-067	HEX. SOCKET HEAD CAP SCREW	(KKT)	M8X16
GK03020-068	HEX. SOCKET HEAD CAP SCREW	(KKT)	M8X20
GK03020-069	HEX. SOCKET HEAD CAP SCREW	(KKT)	M8X25
GK03020-086	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X30
GK03020-088	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X40
GK03020-091	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X60
GK03020-332	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X15
GK03021-002	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X40
GK03024-036	HEX. SOCKET SET SCREW	(KKT)	M10X20
GK03041-002	PLAIN WASHER	(JIS STD)	M5
GK03041-003	PLAIN WASHER	(JIS STD)	M6
GK03041-005	PLAIN WASHER	(JIS STD)	M10
GK03041-010	PLAIN WASHER	(JIS STD)	M20
GK03042-002	SPRING WASHER	(JIS STD)	M5
GK03042-003	SPRING WASHER	(JIS STD)	M6
GK03042-005	SPRING WASHER	(JIS STD)	M10
GK03042-010	SPRING WASHER	(JIS STD)	M20
GK03046-247	PIN LOCK NUT	(SKF)	KMTA22 (M110X2)
GK03055-013	STOP RING (S)	(OGURA SP)	S-15
GK03058-008	HEX. HEAD BOLT	(KKT)	M5X10
GK03058-051	HEX. HEAD BOLT	(KKT)	M10X35
GK03065-005	ROLL PIN	(JIS STD)	8X30
GK03301-106	BALL BEARING	(NSK)	6906ZZ
GM20525-023	HEX. HEAD BOLT	(KKT)	M20X85
GM22032-074	KEY	(JIS STD)	5X5X16
GM22050-042	STOP RING (BR)	(NTN)	BR48
GM30023-851	SYNCHRO BELT	(BANDO)	376XL037G
GM32001-104	DISC BRAKE	(SANYO SHO)	PC-300Y-01
GM34300-531	FLANGE	(BANDO)	FS145115
GM48998-124	ROLLER BEARING	(NSK)	NN3020TBKRCCOP4
GM48998-137	ROLLER BEARING	(NSK)	NN3022TBKRCCOP4
GM48998-163	ANGULAR BALL BEARING	(NSK)	110BTR10STYNDBELP4A
GM66002-314	O-RING	(NOK)	C07321A
HR10003-003B	SYNCHRONOUS PULLEY	S45C	
LM06005-001E	PULLEY WITH FLANGE	S45C	
LM06005-003B	PLATE	SS41	
NR06001-002	FLANGE	S45C	
NR06001-003	COVER	SPCC	
QJ00002-100	PIN	S45C	ASA, A1
XB06002-001A	BRACKET	SPCC	
XD06002-001C	HEAD STOCK	FC250	φ110
XD06002-002C	FLANGE	S45C	
XD06004-001B	FLANGE	S45C	
XD06004-002A	NUT	S45C	
XD06008-001	BRACKET	FC250	
XD06008-002B	FLANGE	S45C	
XD06013-001C	PULLEY	FCD550	
XF06007-002A	FLANGE	S45C	
XJ06001-008A	NUT	S45C	
XJ06001-011	PLATE	SS400	
XJ06002-002D	SPINDLE	SCM435	

XJ06002-003	COLLAR	S45C
XJ06002-005A	COLLAR	S45C
XJ06002-006	~~COLLAR~~	S45C
XJ06002-007	FLANGE	S45C
XJ06002-008	COLLAR	S45C
XJ06002-011	COVER	S45C
XJ06002-012	COVER	SPCC
XM06005-002	BLOCK	SS400



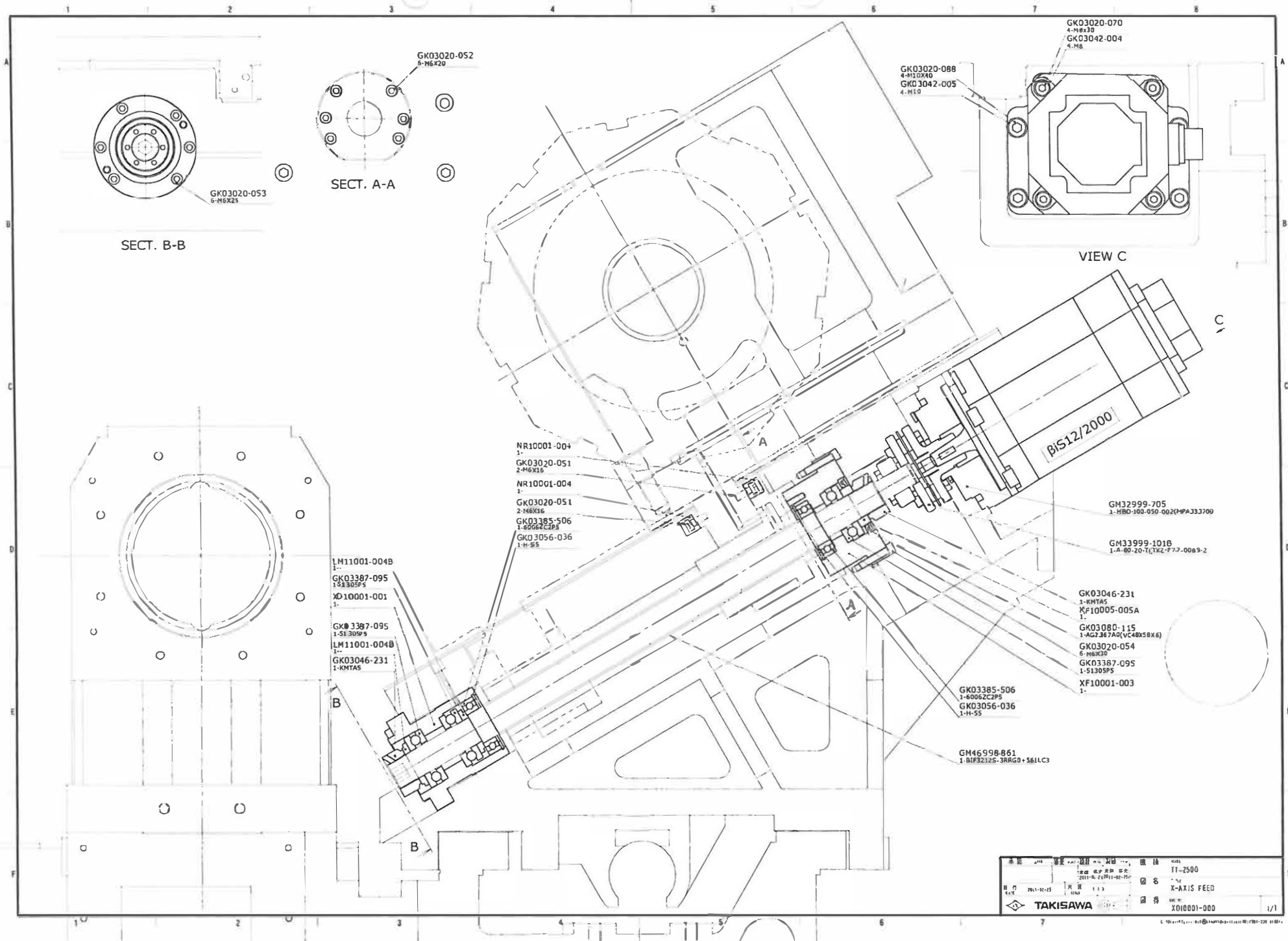
MOTOR BASE
XD07001-000A

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
GK03020-037	HEX. SOCKET HEAD CAP SCREW	(KKT)	M5X25
GK03020-088	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X40
GK03021-003	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X50
GK03021-101	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X35
GK03021-105	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X75
GK03038-654	HEX. HEAD BOLT	(KKT)	M10X110
GK03041-005	PLAIN WASHER	(JIS STD)	M10
GK03041-006	PLAIN WASHER	(JIS STD)	M12
GK03042-006	SPRING WASHER	(JIS STD)	M12
GK03047-205	HEX. NUT	(JIS STD)	M10X1.5 (1)
GK03055-046	STOP RING (S)	(OGURA SP)	S-70
GK03058-067	HEX. HEAD BOLT	(KKT)	M12X40
GK03064-041	ROLL PIN	(JIS STD)	4X20
GK03307-214	BALL BEARING	(NSK)	6014ZZ
GM33001-120	MECHA LOCK	(ISEL)	MA-32-50
GM33001-126	MECHALOCK	(ISEL)	MA-48-70
GM33002-023	SHAFT-TO-BOSS CONNECTOR	(TSUBAKI C)	PL048X055E
LM07001-005A	WASHER	S45C	
NR07001-002	BLOCK	SS400	
NR07101-002	BLOCK	SS400	
XD06012-001B	PULLEY	FCD550	
XD07001-001	MOTOR BASE	SS400	
XD07001-002A	FLANGE	S45C	
XD07002-001	MOTOR BASE	SS400	
XD07004-001	PULLEY	FCD550	
XD07005-001	PULLEY	FCD550	
XD07006-001A	PULLEY	FCD550	
XD07007-001	PULLEY	FCD550	
XD07008-001	PULLEY	FCD550	
XD07008-002	FLANGE	S45C	
XD07009-001	PULLEY	FCD550	



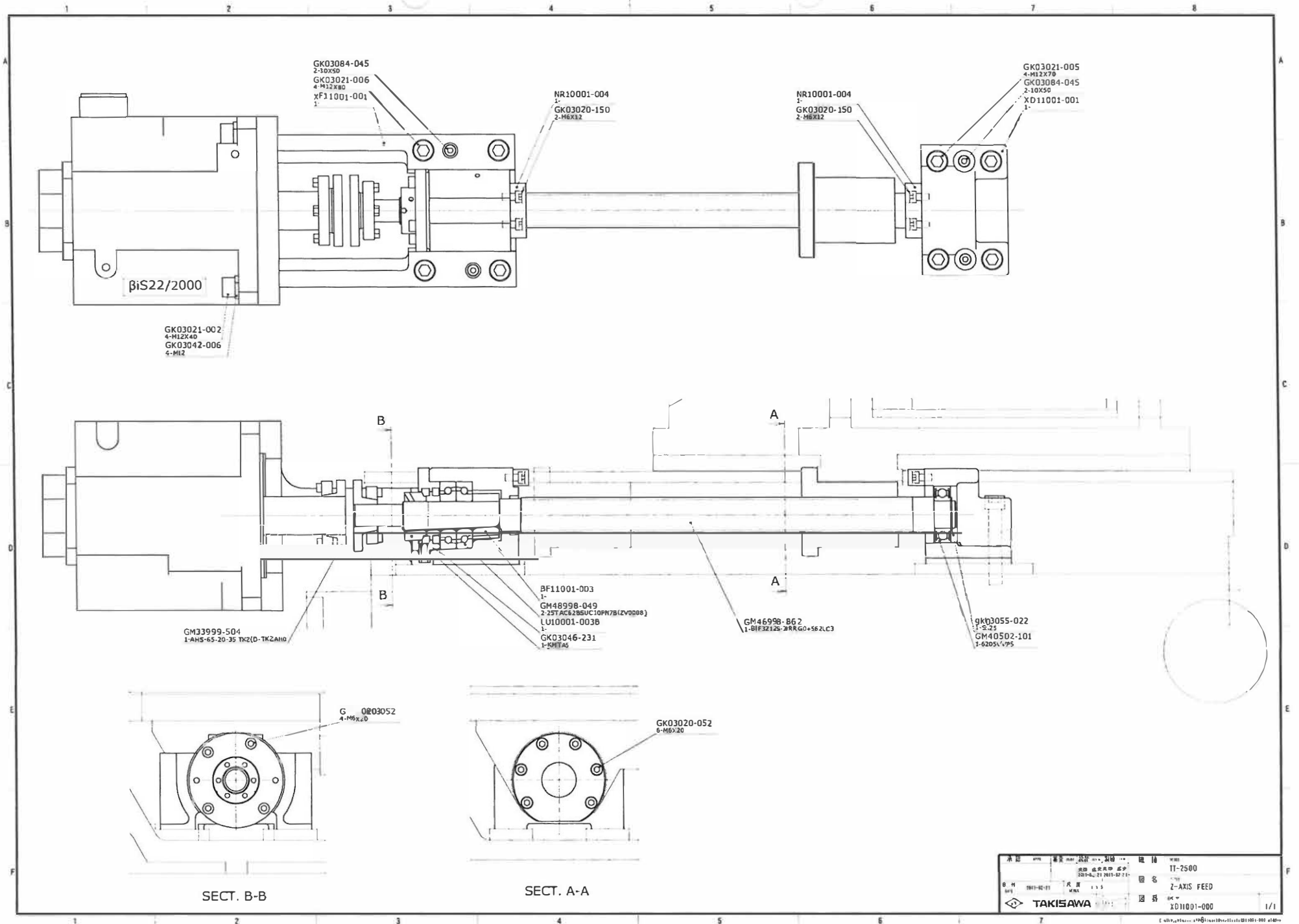
MOTOR BASE
XD07002-000A

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
GK03020-037	HEX. SOCKET HEAD CAP SCREW	(KKT)	M5X25
GK03020-088	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X40
GK03021-101	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X35
GK03021-102	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X45
GK03021-105	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X75
GK03038-654	HEX. HEAD BOLT	(KKT)	M10X110
GK03041-005	PLAIN WASHER	(JIS STD)	M10
GK03041-006	PLAIN WASHER	(JIS STD)	M12
GK03042-006	SPRING WASHER	(JIS STD)	M12
GK03047-205	HEX. NUT	(JIS STD)	M10X1.5 (1)
GK03055-046	STOP RING (S)	(OGURA SP)	S-70
GK03058-067	HEX. HEAD BOLT	(KKT)	M12X40
GK03064-041	ROLL PIN	(JIS STD)	4X20
GK03307-214	BALL BEARING	(NSK)	6014ZZ
GM33001-126	MECHALOCK	(ISEL)	MA-48-70
GM33002-023	SHAFT-TO-BOSS CONNECTOR	(TSUBAKI C	PL048X055E
LM07001-005A	WASHER	S45C	
NR07001-002	BLOCK	SS400	
NR07101-002	BLOCK	SS400	
XD06013-001C	PULLEY	FCD550	
XD07001-001	MOTOR BASE	SS400	
XD07001-002A	FLANGE	S45C	
XD07002-001	MOTOR BASE	SS400	
XD07003-001	MOTOR BASE	SS400	
XD07008-002	FLANGE	S45C	
XD07010-001A	PULLEY	FCD550	
XD07011-001	PULLEY	FCD550	
XD07012-001	PULLEY	FCD550	
XD07013-001	PULLEY	FCD550	
XD07015-001	PULLEY	FCD550	



X-AXIS FEED
XD10001-000

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
GK03020-051	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X16
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-053	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X25
GK03020-054	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X30
GK03020-070	HEX. SOCKET HEAD CAP SCREW	(KKT)	M8X30
GK03020-088	HEX. SOCKET HEAD CAP SCREW	(KKT)	M10X40
GK03042-004	SPRING WASHER	(JIS STD)	M8
GK03042-005	SPRING WASHER	(JIS STD)	M10
GK03046-231	PIN LOCK NUT	(SKF)	KMTA5 (M25X1.5)
GK03056-036	STOP RING (H)	(OGURA SP)	H-55
GK03080-115	OIL SEAL (VC)	(NOK)	AG2367A0 (VC40X58X6)
GK03385-506	BALL BEARING	(NSK)	6006ZC2P5
GK03387-095	THRUST BEARING (NSK)	(NSK)	51305P5
GK03387-095	THRUST BEARING (NSK)	(NSK)	51305P5
GM32999-705	MAGNETIC BRAKE	(SANKI)	HBD-100-050-002
GM33999-101B	COUPLING	(ISEL)	A-80-20-T
GM46998-861	BALL SCREW (TT-2500, X)	(THK)	BIF3212S-3RRG0+561LC3
KF10005-005A	COLLAR	S45C	CID25 OD40 T14G (KF012)
LM11001-004B	COLLAR	S45C	CID25 OD44 T6G S
NR10001-004	BLOCK	UR. RUBBER	SBL 15X50 T15 ID6.5, 11X10
XD10001-001	FLANGE	FC250	
XF10001-003	FLANGE	FC250	



品名	TT-2500
図名	Z-AXIS FEED
図番	XZ01001-000
1/1	

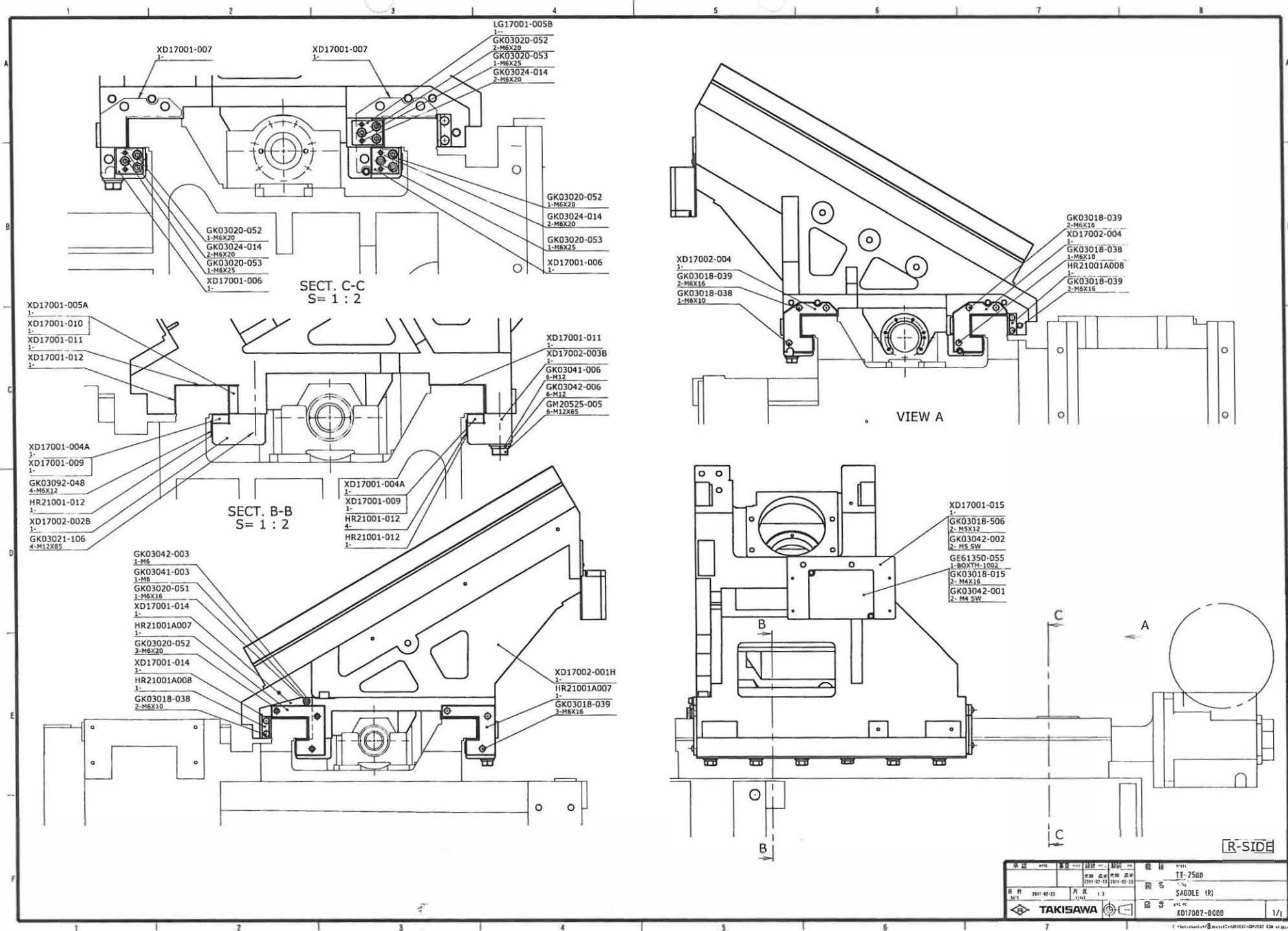
Z-AXIS FEED
XD11001-000

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
BF11001-003	SPACER	S45C	CID25 OD40 T25G
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-150	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X12
GK03020-150	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X12
GK03021-002	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X40
GK03021-005	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X70
GK03021-006	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X80
GK03042-006	SPRING WASHER	(JIS STD)	M12
GK03046-231	PIN LOCK NUT	(SKF)	KMTA5 (M25X1.5)
GK03055-022	STOP RING (S)	(OGURA SP)	S-25
GK03084-045	TAPER PIN (DRAW OUT TAPPED)	(JIS STD)	10X50
GK03084-045	TAPER PIN (DRAW OUT TAPPED)	(JIS STD)	10X50
GM33999-504	COUPLING	(ISEL)	AHS-65-20-35 TKZ
GM40502-101	BALL BEARING	(NSK)	6205VVP5
GM46998-862	BALL SCREW (TT-2500.X)	(THK)	BIF3212S-3RRG0+562LC3
GM48998-049	ANGULAR BALL BEARING	(NSK)	25TAC62BSUC10PN7B (ZV0008)
LU10001-003B	FLANGE	S45C	FID43.5 OD62X10 OD87 T20
NR10001-004	BLOCK	UR. RUBBER	SBL 15X50 T15 ID6.5, 11X10
NR10001-004	BLOCK	UR. RUBBER	SBL 15X50 T15 ID6.5, 11X10
XD11001-001	BRACKET	FC250	
XF11001-001	BRACKET	FC250	



SADDLE (L)
XD17001-000D

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
GE61350-055	BOX TERMINALS	(TOGI)	BOXTM-1002
GK03018-015	ROUND HEAD MACHINE SCREW (+)	(JIS STD)	M4X16
GK03018-038	ROUND HEAD MACHINE SCREW (+)	(KKT)	M6X10
GK03018-039	ROUND HEAD MACHINE SCREW (+)	(KKT)	M6X16
GK03018-506	ROUND HEAD MACHINE SCREW (+)	(JIS STD)	M5X12
GK03020-051	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X16
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-053	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X25
GK03021-106	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X85
GK03024-014	HEX. SOCKET SET SCREW	(KKT)	M6X20
GK03041-003	PLAIN WASHER	(JIS STD)	M6
GK03041-006	PLAIN WASHER	(JIS STD)	M12
GK03042-001	SPRING WASHER	(JIS STD)	M4
GK03042-002	SPRING WASHER	(JIS STD)	M5
GK03042-003	SPRING WASHER	(JIS STD)	M6
GK03042-006	SPRING WASHER	(JIS STD)	M12
GK03092-048	F. C. HEAD MACHINE SCREW	(JIS STD)	M6X12
GM20525-005	HEX. HEAD BOLT	(KKT)	M12X65
HR21001A006	WIPER	NBR	
HR21001A008	WIPER	NBR	
HR21001-012	PLATE	SS41P	
LG17001-005B	BLOCK	SS400	
XD17001-001H	SADDLE	FC300	
XD17001-002B	CLAMP PLATE	FC250	
XD17001-003B	CLAMP PLATE	FC250	
XD17001-004A	TAPER GIB	FC250	
XD17001-005A	TAPER GIB	FC250	
XD17001-006	BLOCK	SS400-D	
XD17001-007	PLATE	SPHC	
XD17001-008	WIPER	NBR	
XD17001-009	TURCITE B	TURCITE B	
XD17001-010	TURCITE B	TURCITE B	
XD17001-011	TURCITE B	TURCITE B	
XD17001-012	TURCITE B	TURCITE B	
XD17001-013	PLATE	SS400-D	
XD17001-014	PLATE	SS400-D	
XD17001-015	PLATE	SPCC	

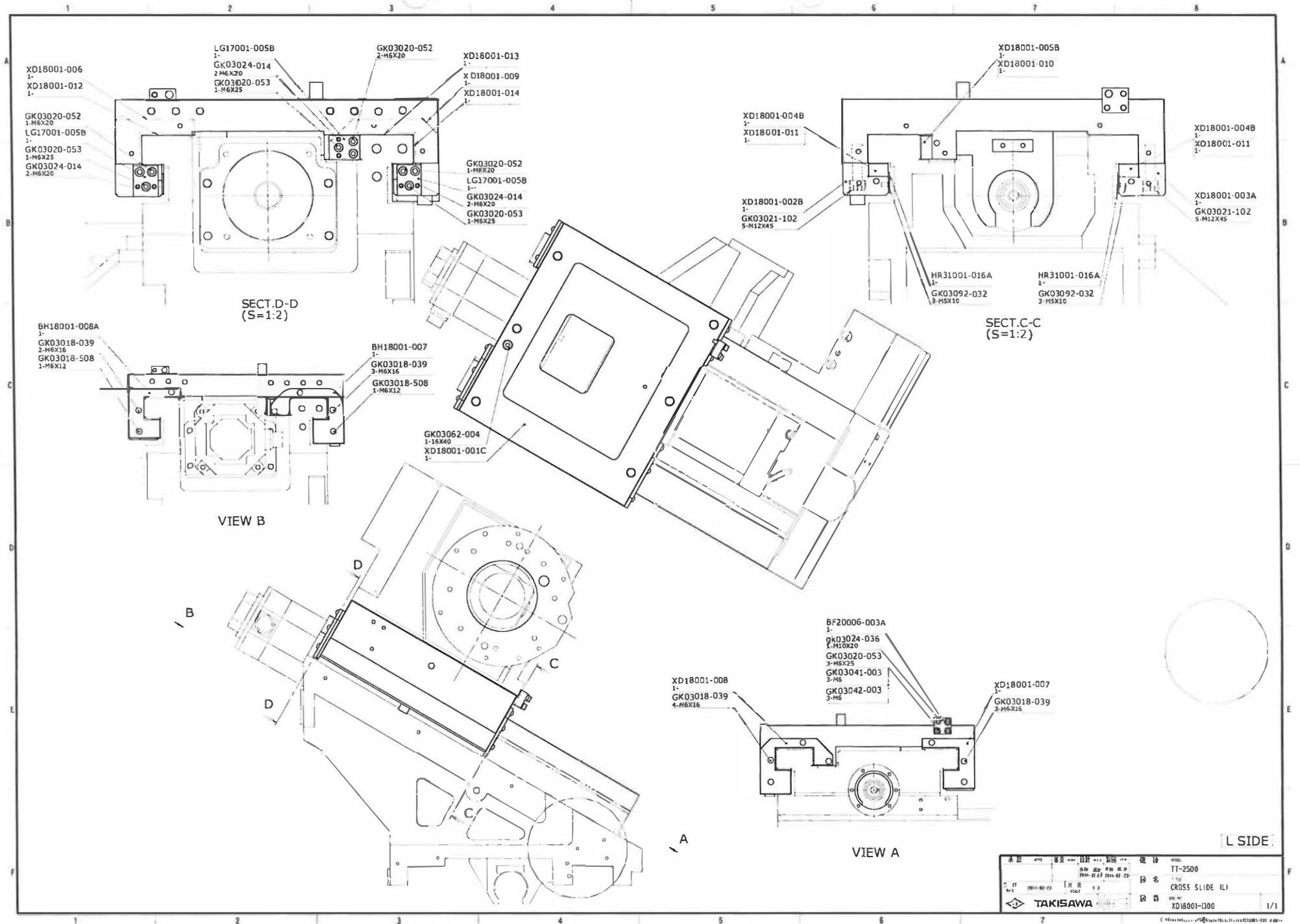


[R-SIDE]

品名	TT-2500
品番	SADLE (R)
品名	XD17002-0000
品番	1/1
品名	TAKISAWA
品番	1/1

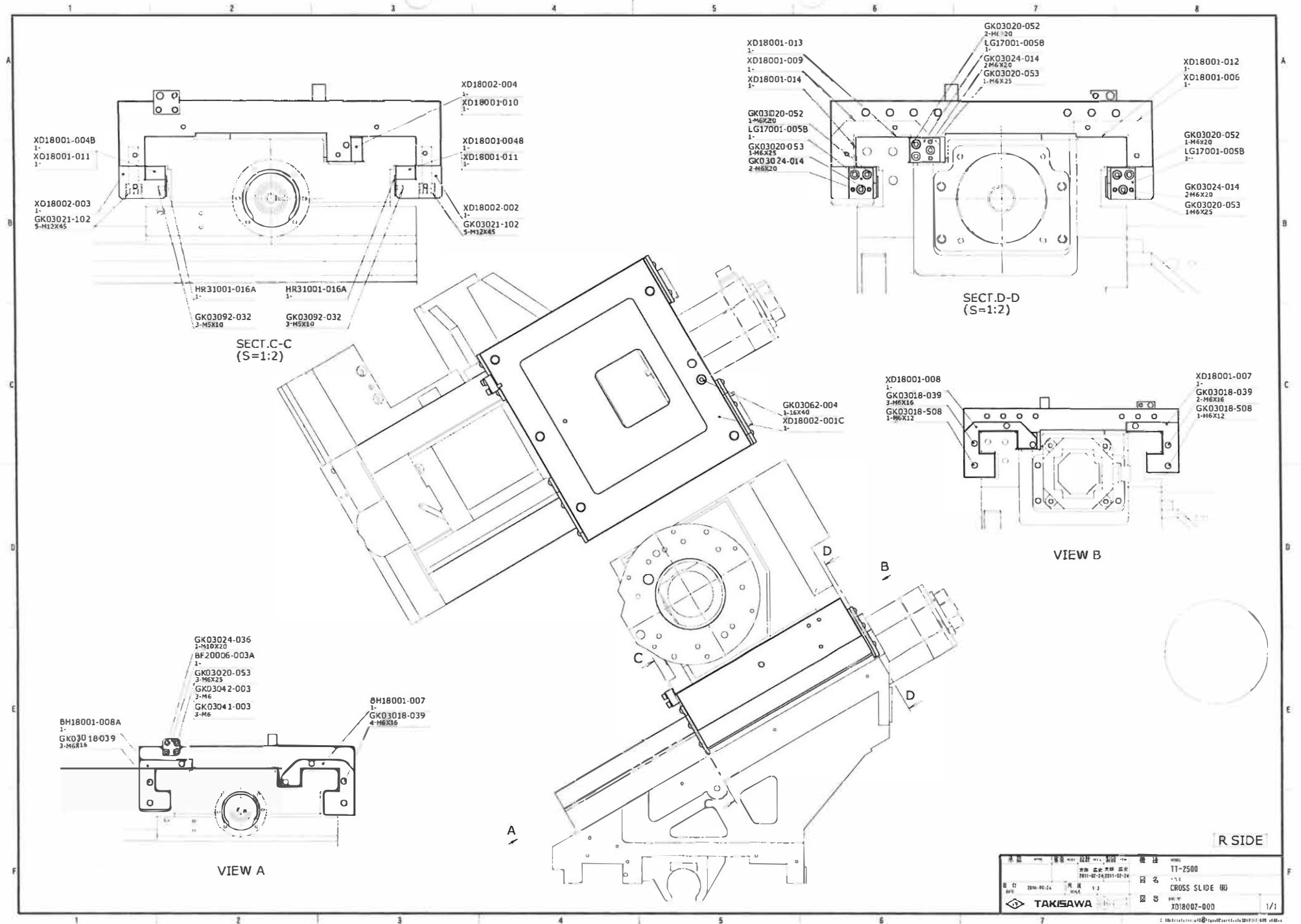
SADDLE (R)
XD17002-000D

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
GE61350-055	BOX TERMINALS	(TOGI)	BOXTM-1002
GK03018-015	ROUND HEAD MACHINE SCREW (+)	(JIS STD)	M4X16
GK03018-038	ROUND HEAD MACHINE SCREW (+)	(KKT)	M6X10
GK03018-039	ROUND HEAD MACHINE SCREW (+)	(KKT)	M6X16
GK03018-506	ROUND HEAD MACHINE SCREW (+)	(JIS STD)	M5X12
GK03020-051	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X16
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-053	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X25
GK03021-106	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X85
GK03024-014	HEX. SOCKET SET SCREW	(KKT)	M6X20
GK03041-003	PLAIN WASHER	(JIS STD)	M6
GK03041-006	PLAIN WASHER	(JIS STD)	M12
GK03042-001	SPRING WASHER	(JIS STD)	M4
GK03042-002	SPRING WASHER	(JIS STD)	M5
GK03042-003	SPRING WASHER	(JIS STD)	M6
GK03042-006	SPRING WASHER	(JIS STD)	M12
GK03092-048	F. C. HEAD MACHINE SCREW	(JIS STD)	M6X12
GM20525-005	HEX. HEAD BOLT	(KKT)	M12X65
HR21001A007	WIPER	NBR	
HR21001A008	WIPER	NBR	
HR21001-012	PLATE	SS41P	
LG17001-005B	BLOCK	SS400	
XD17001-004A	TAPER GIB	FC250	
XD17001-005A	TAPER GIB	FC250	
XD17001-006	BLOCK	SS400-D	
XD17001-007	PLATE	SPHC	
XD17001-009	TURCITE B	TURCITE B	
XD17001-010	TURCITE B	TURCITE B	
XD17001-011	TURCITE B	TURCITE B	
XD17001-012	TURCITE B	TURCITE B	
XD17001-014	PLATE	SS400-D	
XD17001-015	PLATE	SPCC	
XD17002-001H	SADDLE	FC300	
XD17002-002B	CLAMP PLATE	FC250	
XD17002-003B	CLAMP PLATE	FC250	
XD17002-004	WIPER	NBR	



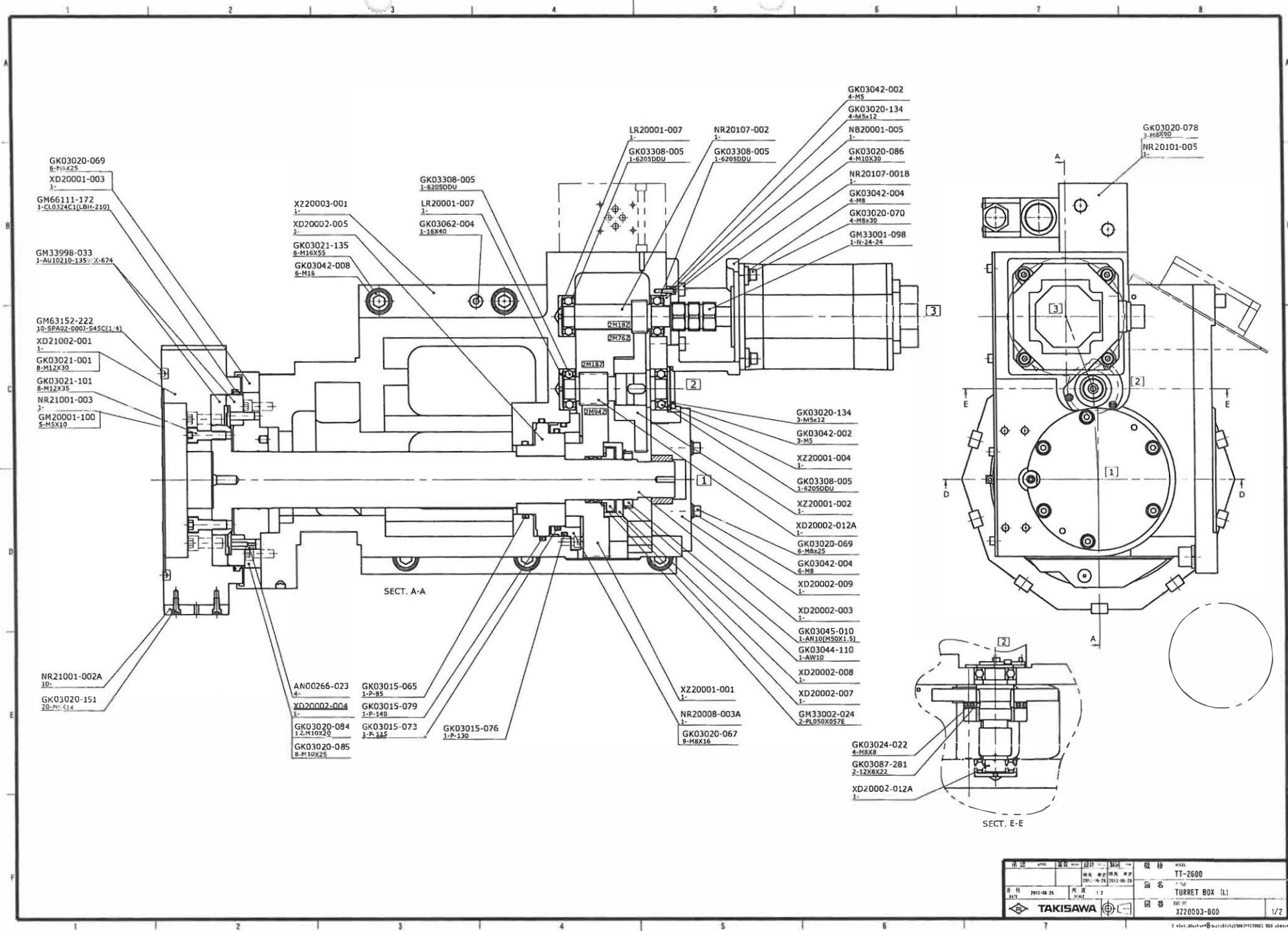
CLOSS SLIDE (L)
XD18001-000

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
BF20006-003A	BLOCK	SS400	
BH18001-007	WIPER	NBR	
BH18001-008A	WIPER	NBR	
GK03018-039	ROUND HEAD MACHINE SCREW (+)	(KKT)	M6X16
GK03018-508	ROUND HEAD MACHINE SCREW (+)	(JIS STD)	M6X12
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-053	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X25
GK03021-102	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X45
GK03024-014	HEX. SOCKET SET SCREW	(KKT)	M6X20
GK03024-036	HEX. SOCKET SET SCREW	(KKT)	M10X20
GK03041-003	PLAIN WASHER	(JIS STD)	M6
GK03062-004	STRAIGHT PIN	(JIS STD)	16X40
GK03092-032	F. C. HEAD MACHINE SCREW	(JIS STD)	M5X10
HR31001-016A	PLATE	SS41P	
LG17001-005B	BLOCK	SS400	
XD18001-001C	CROSS SLIDE	FC300	
XD18001-002B	CLAMP PLATE	FC250	
XD18001-003A	CLAMP PLATE	FC250	
XD18001-004B	TAPER GIB	FC250	
XD18001-005B	TAPER GIB	FC250	
XD18001-006	PLATE	SPHC	
XD18001-007	WIPER	NBR	
XD18001-008	WIPER	NBR	
XD18001-009	PLATE	SPHC	
XD18001-010	TURCITE B	TURCITE B	
XD18001-011	TURCITE B	TURCITE B	
XD18001-012	TURCITE B	TURCITE B	
XD18001-013	TURCITE B	TURCITE B	
XD18001-014	TURCITE B	TURCITE B	



CLOSS SLIDE (R)
XD18002-000

PART No.	PART NAME	(MAKER) MATERIAL	DIMENSION
BF20006-003A	BLOCK	SS400	
BH18001-007	WIPER	NBR	
BH18001-008A	WIPER	NBR	
GK03018-039	ROUND HEAD MACHINE SCREW (+)	(KKT)	M6X16
GK03018-508	ROUND HEAD MACHINE SCREW (+)	(JIS STD)	M6X12
GK03020-052	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X20
GK03020-053	HEX. SOCKET HEAD CAP SCREW	(KKT)	M6X25
GK03021-102	HEX. SOCKET HEAD CAP SCREW	(KKT)	M12X45
GK03024-014	HEX. SOCKET SET SCREW	(KKT)	M6X20
GK03024-036	HEX. SOCKET SET SCREW	(KKT)	M10X20
GK03041-003	PLAIN WASHER	(JIS STD)	M6
GK03042-003	SPRING WASHER	(JIS STD)	M6
GK03062-004	STRAIGHT PIN	(JIS STD)	16X40
GK03092-032	F. C. HEAD MACHINE SCREW	(JIS STD)	M5X10
HR31001-016A	PLATE	SS41P	
LG17001-005B	BLOCK	SS400	
XD18001-004B	TAPER GIB	FC250	
XD18001-006	PLATE	SPHC	
XD18001-007	WIPER	NBR	
XD18001-008	WIPER	NBR	
XD18001-009	PLATE	SPHC	
XD18001-010	TURCITE B	TURCITE B	
XD18001-011	TURCITE B	TURCITE B	
XD18001-012	TURCITE B	TURCITE B	
XD18001-013	TURCITE B	TURCITE B	
XD18001-014	TURCITE B	TURCITE B	
XD18002-001C	CROSS SLIDE	FC300	
XD18002-002	CLAMP PLATE	FC250	
XD18002-003	CLAMP PLATE	FC250	
XD18002-004	TAPER GIB	FC250	



機種	TT-2600
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承認	