

1200MMJ-160

CLAMP UNIT

ITEM		UNIT	SPECIFICATION		NOTES	
			Inch	(Metric)		
Max. Mold Clamping Force		US. ton	1160	(1050)		
Mold Opening Force		(Metric ton)	68	(62.0)		
Mold Closing Speed	High Speed	ft/min (m/min)	121.4	(37)		
	Low Speed		6.56	(2.0)		
Mold Opening Speed	Detouching Speed		6.56	(2.0)		
	High Speed		121.4	(37)		
	Low Speed		6.56	(2.0)		
Platen Size	(H)		inch (mm)	70.87	(1800)	
	(V)	66.93		(1700)		
Clearance between Tie Bars	(H)	51.18		(1300)		
	(V)	47.24		(1200)		
Maximum Clamp Stroke				68.9	(1750)	
Maximum Daylight				89.76	(2280)	
Mold Thickness	Minimum			20.87	(530)	
	Maximum			43.31	(1100)	
Hydraulic Ejector	Force	US ton (Metric ton)	22.3	(20.2)		
	Stroke	inch (mm)	7.9	(200)		
	Forward Speed	ft/min	.			
	Retract Speed	(m/min)	.			
Maximum Mold Size	Hor. load	(H)	50.79	(1290)		
		(V)	66.93	(1700)		
	Ver. Load	(H)	70.87	(1800)		
		(V)	46.85	(1190)		
Minimum Mold Size	(H)		.		Full clamp tonnage	
	(V)		.			
Maximum Mold weight		lbs (kg)			Moving side is half of this weight	

1200MMJ - 160

INJECTION UNIT

ITEM		UNIT	SPECIFICATION		NOTES
			Inch	(Metric)	
Theoretical Injection Volume		cu.in (cm ³)	277	(4540)	
Inj. Shot Weight	PS	oz	147	(4180)	
	PE	(g)	119	(3360)	
Plasticizing Capacity	PS	lbs/hr	1424	(645)	
		(kg/hr)			
Max. Injection Pressure		psi (kg/cm ²)	25809	(1815)	
Injection Rate	Standard	cu.in /sec	58.6	(960)	
	Option	(cm3/sec)	75.7	(1240)	
Injection Horse Power		HP (PS)	234		
Screw Diameter		in (mm)	4.13	(105)	
Screw L/D		---		22	
Screw Stroke		in (mm)	20.67	(525)	
Screw Speed	High speed	rpm	~ 154		
	Mid. speed		~		
	Low speed		~ 77		
Nozzle protrusion		in (mm)	1.18	(30)	
Nozzle Touch Force		us ton (metric ton)			

1200MMJ - 160

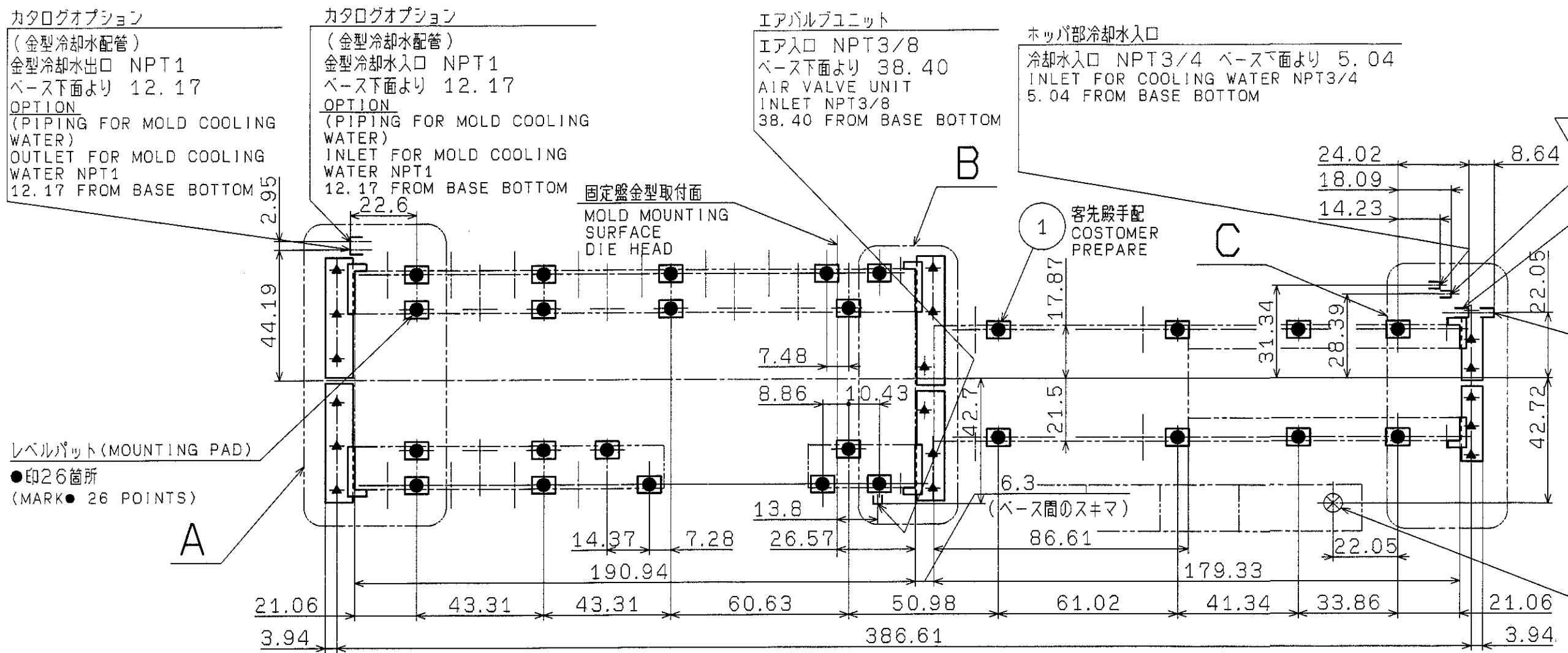
GENERAL

ITEM	UNIT	SPECIFICATION		NOTES
		Inch	(Metric)	
Electric Motor Capacity	HP (kw)	147	(110)	55 kw + 55 kw
Electric Heater Capacity for Screw Barrel	kw	47.2		
Electric Heater Capacity for standard Nozzle		0.3		
Oil resorvoir Capacity	us gal	369.9	(1400)	
Lub. Oil Capacity for Bearing Housing	(lit)	.		
Overall Dimension	(L)	ft	32.48	(9.9)
	(W)	(m)	9.84	(3.0)
	(H)		8.53	(2.6)
Machine Weight	us ton (metric ton)	49.3	(44.7)	

Electric Capacity	KVA			460 V , 60 Hz
Full Load Current	A			460 V , 60 Hz
Cooling Water supply for Heat exchanger	us gpm	.		
Cooling Water supply for Feed Throat	(lit/min)	.		
Required Foundation Thickness	inch (mm)	0.00		

Remarks

1. Injection weight, injection rate and plastizing capacity are dependent upon molding conditions and resin used.
2. Specifications are subject to change without notice.

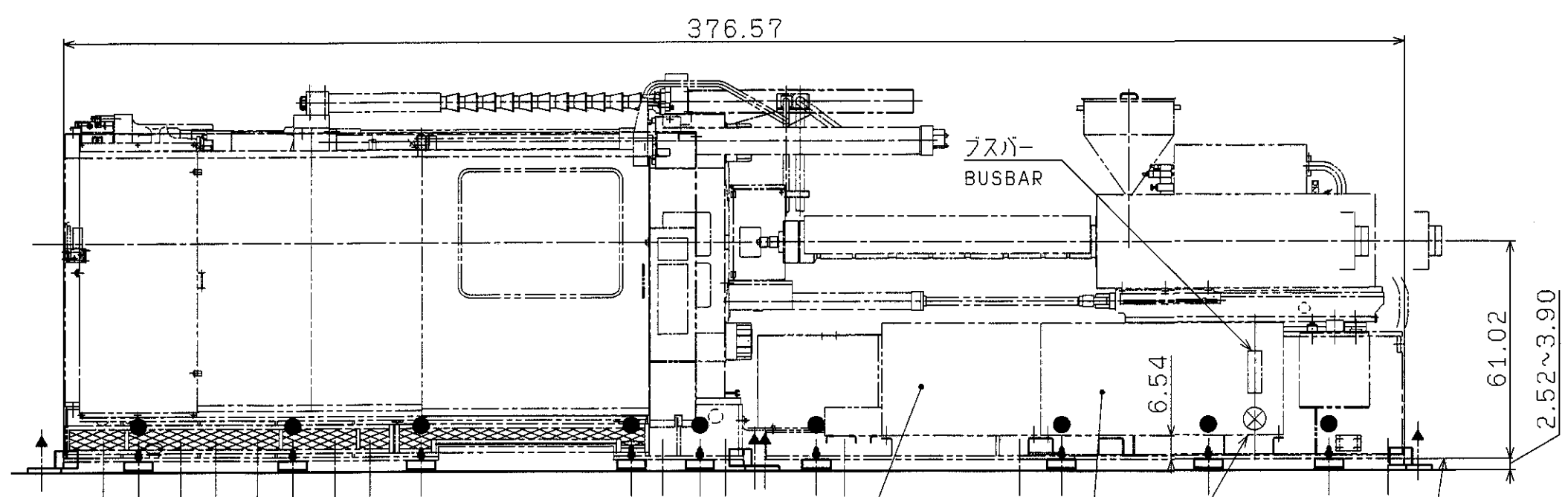
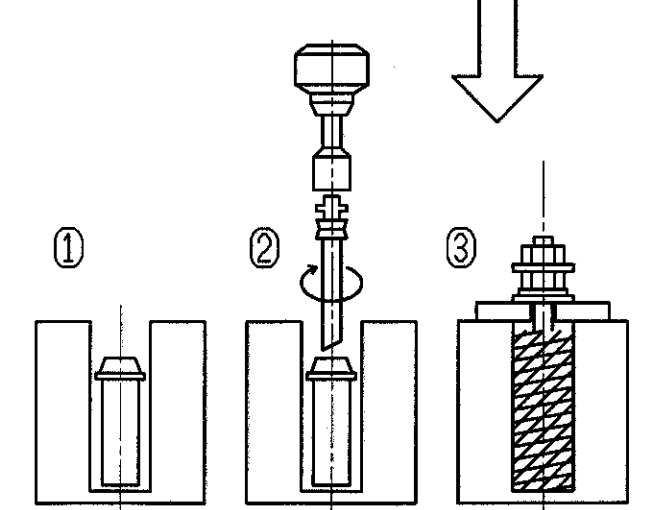


ケミカルアンカ施工方法

- 母材に穴をあけ、清掃後レジンカプセルを挿入する。
- ハンマードリル、さく岩機等にボルトをつけて回転衝撃させて打ち込む。
- 取付け

HOW TO CHEMICAL ANCHOR WORKING

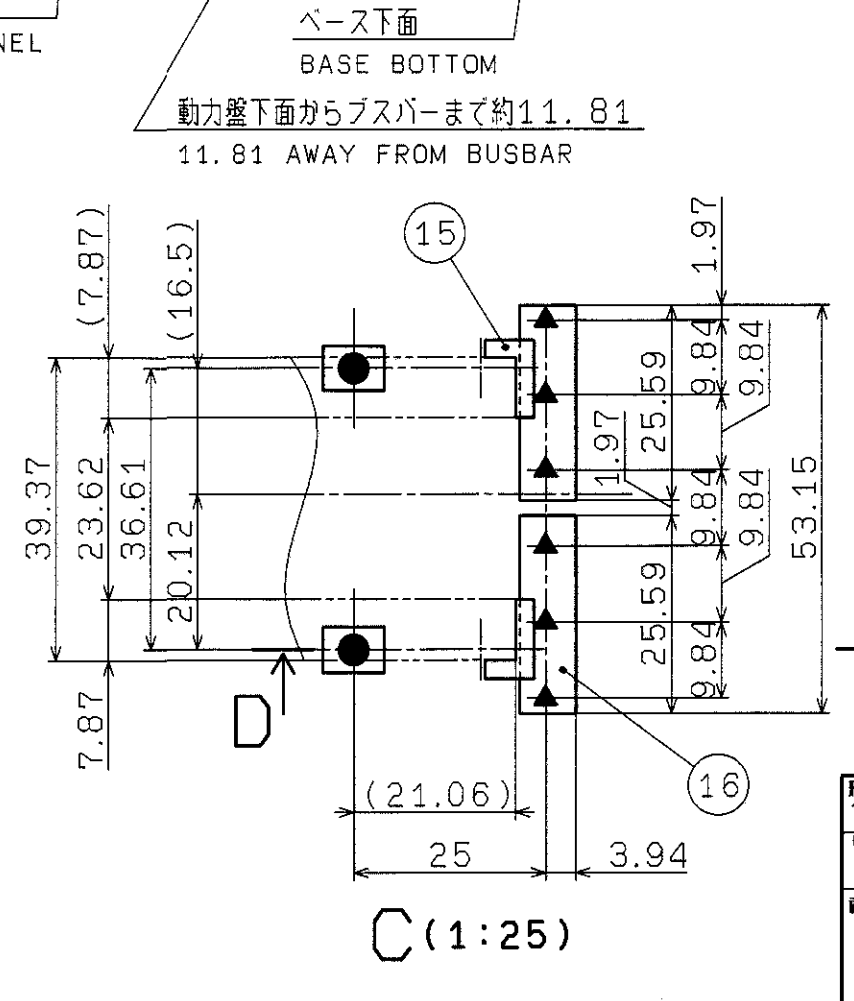
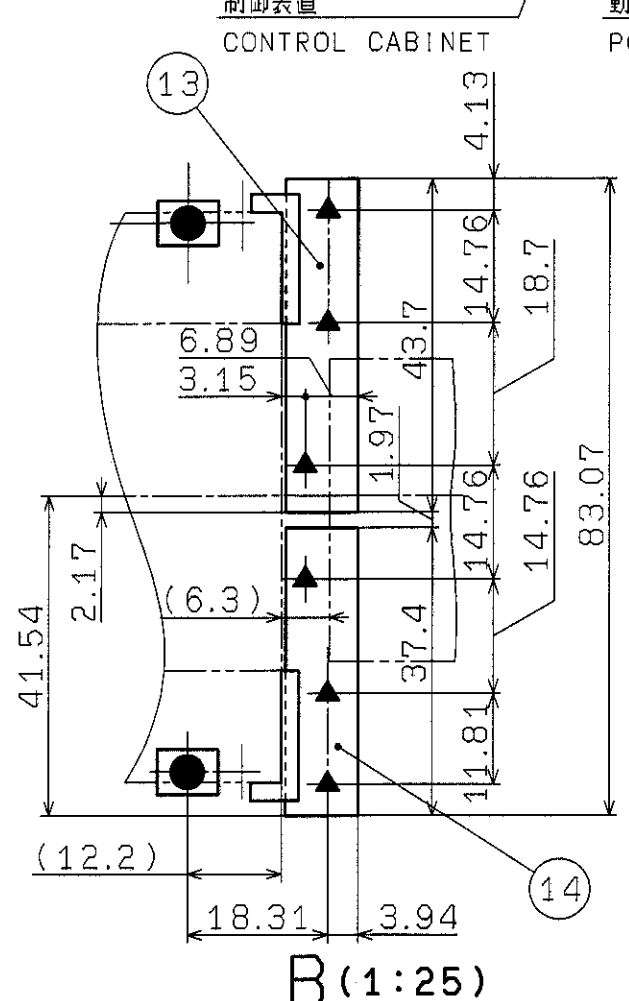
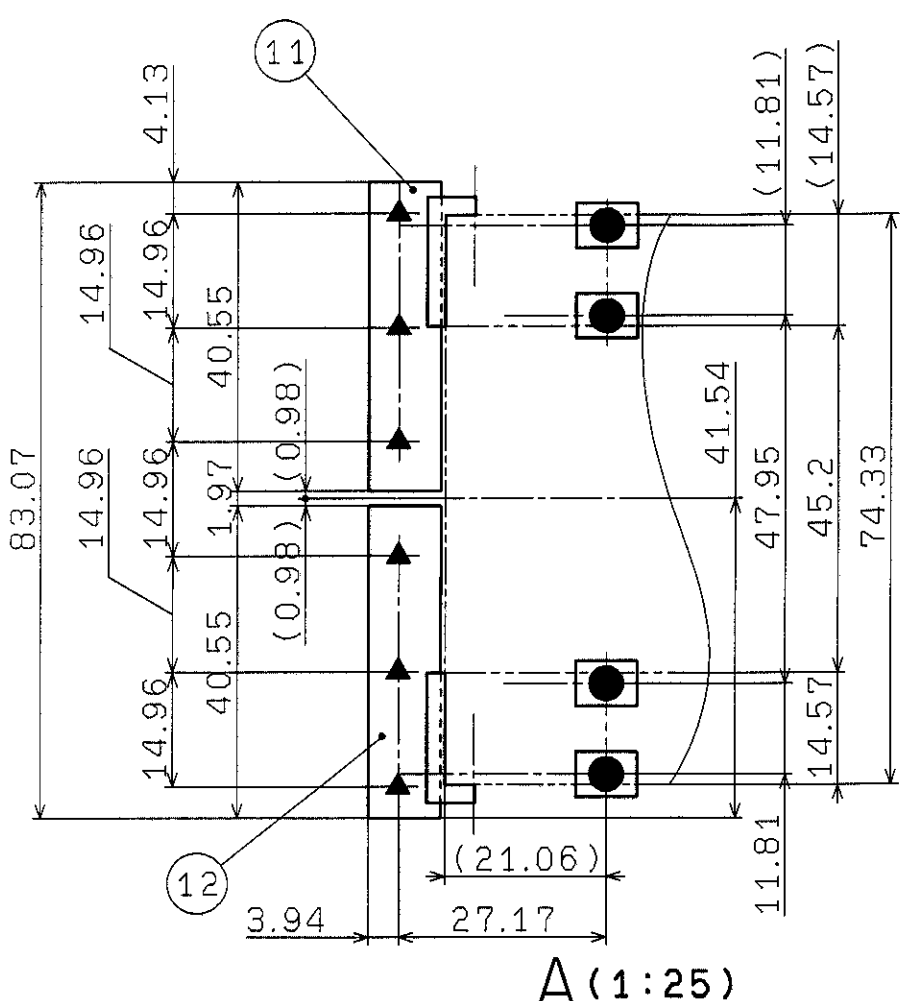
- DRILL AND INSERT RESIN CAPSULE.
- STRIKE BOLT WITH REVOLVE AND INPAKUT, USING HAMMER DRILL ETC.
- FIX TIGHTEN.



- 記事
- 記号1 (レベルパット) は客先取付準備ですが図中寸法 (※印) で施工願います。(D-D参照)
 - 床面とベース下面の寸法が 4.92 inch 以内になるよう据付のこと。
 - 記号1 (レベルパット) の外形は φ11.42 inch 以内の物を使用のこと。
 - 記号1 (レベルパット) のレベルングボルトはM18~M26の範囲の物を使用のこと。尚、記号1 (レベルパット) は●印26箇所取付のこと。
 - ベースプレート11から16を図示位置に置き、アンカーで確実に固定のこと。但し、ベースプレート11から16は機械本体と溶接せぬこと。
 - 記号13, 14 (ベースプレート) は射出ユニットを配置する前に固定のこと。
 - 最大金型取付時、各ユニットのレベルパットに加わる最大荷重は下記の通り

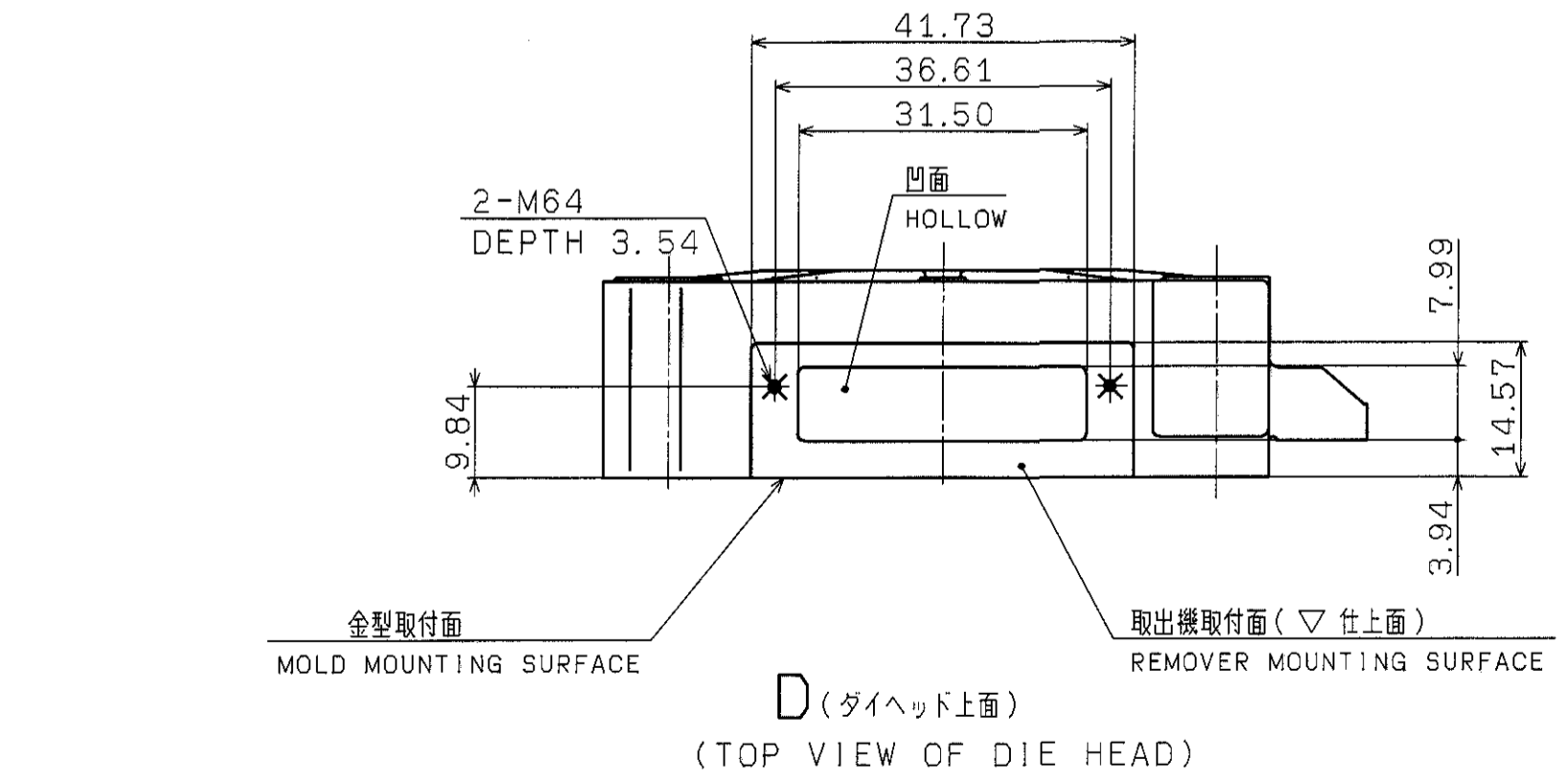
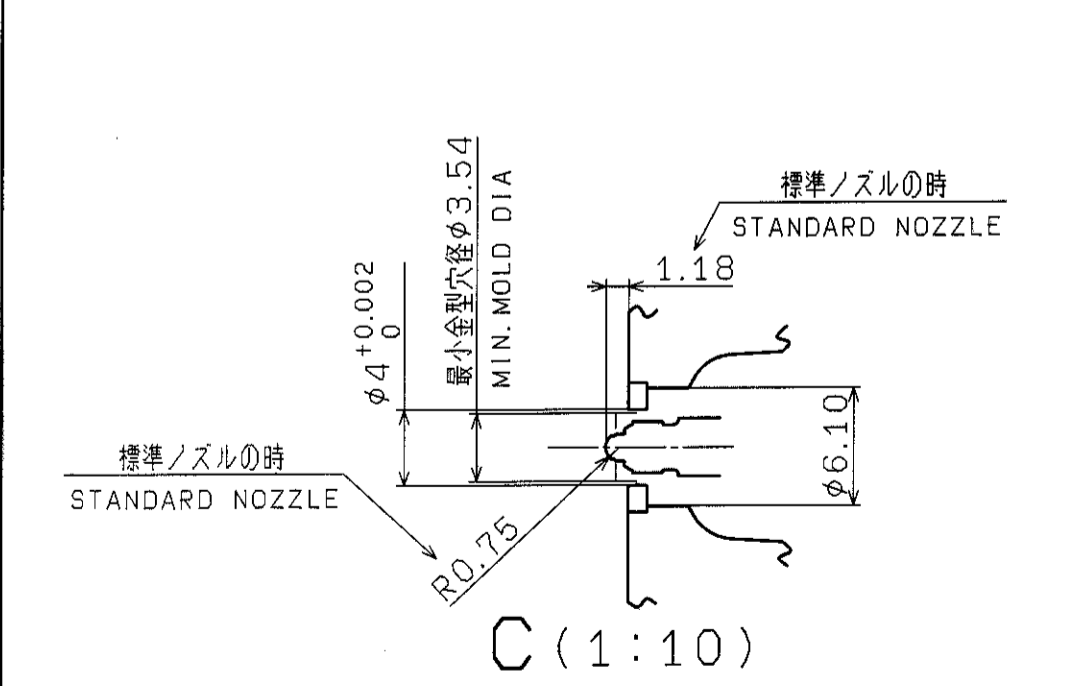
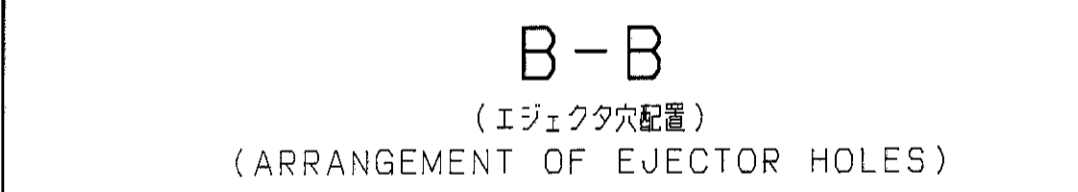
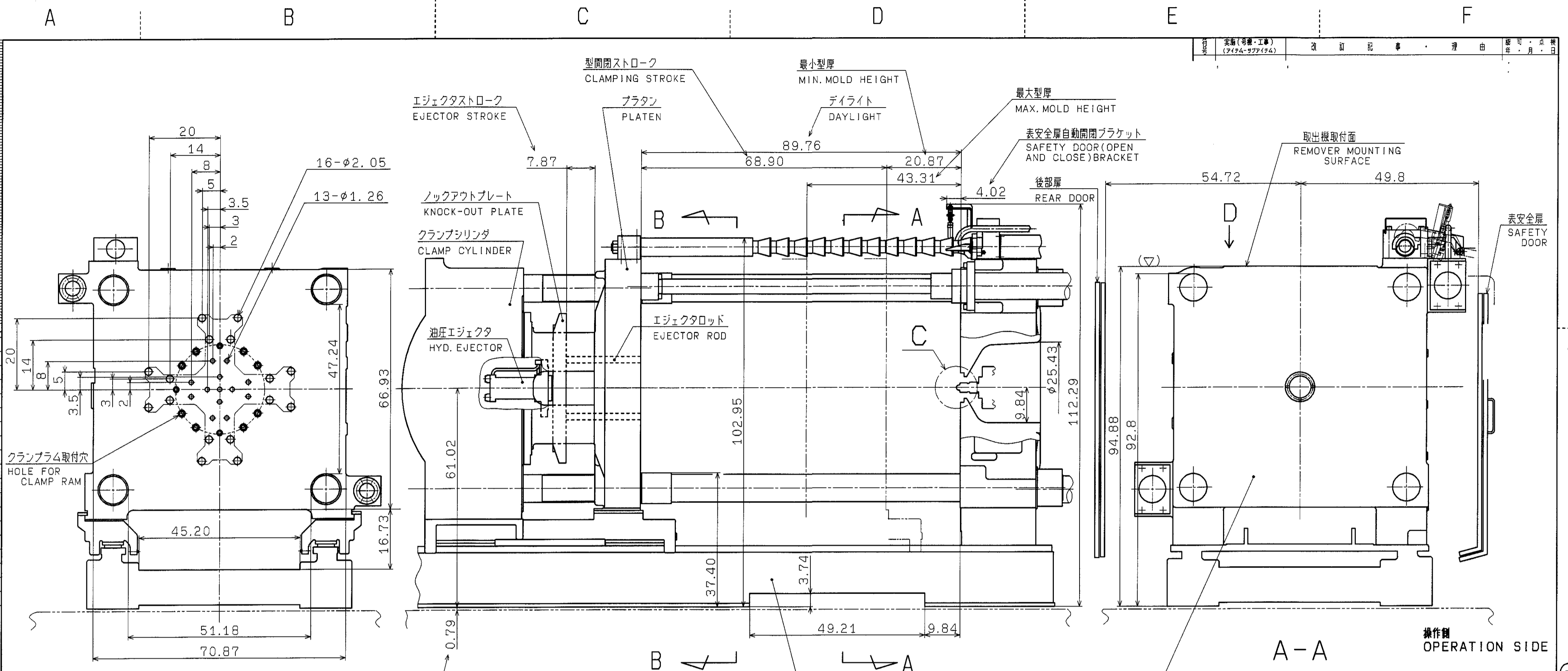
型締ユニット:	19000 lbs (8618kg)
射出ユニット:	7200 lbs (3266kg)
 - 質量 (内訳)

機械全体:	46.4t
金型 (最大):	14.0t
作動油:	1.2t
(全質量)	61.6t
 - 単位: inch



- ITEM 1 (MOUNTING PAD) ARE PROVIDED BY CUSTOMER. PLEASE SET KEEPING MARK※ COMMENTS AS SHOWN. (REFER TO D-D)
 - MAX LEVELING HEIGHT IS 4.92 INCH.
 - MOUNTING PAD φ. D. SHOULD BE LESS THAN φ11.42 INCH.
 - ITEM 1 LEVELING BOLT SIZE SHOULD BE M18~M26.
 - ITEM 1 (MOUNTING PAD) MARK ● 26 POINTS.
 - SET BASE PLATE 11 AND 12, 13, 14, 15, 16 AS SHOWN. FIX TIGHTEN BY ANCHOR.
 - ITEM 13, 14 (BASE PLATE) SHOULD BE FIXED BY ANCHOR BEFORE SETTING UP INJECTION UNIT.
2. THE MAXIMUM LOAD OF WEIGHT FOR EACH MOUNTING PAD IS AS FOLLOWS. (IN CASE OF SETTING-UP MAX. MOLD WEIGHT)
- | | |
|---------------------|-----------------------|
| CLAMP UNIT SIDE | : 25000 lbs (11340kg) |
| INJECTION UNIT SIDE | : 7200 lbs (3266kg) |
3. WEIGHT
- | | |
|-----------|---------------|
| MACHINE | : 51.1 us ton |
| DIE (MAX) | : 15.4 us ton |
| OIL | : 1.3 us ton |
| TOTAL | : 67.8 us ton |
4. ALL DIMENSIONS ARE SHOWN IN INCH.

型式 MODEL	1200MMJ-160	三角法	尺 SCALE	1	名称 NAME	基礎図
図番 NEXT ASSY	B3FK90545	3rd ANGLE PROJECTION	1/40	FOUNDATION		
承認 APPROVED	図面 CHECKED	製図 DRAWN	基準 B/M	図番 DWG. NO.	SUFFIX MARK	PAGE
						1/2
B3FK91197.						



金型取付ねじ, 及び, T溝配置は添付図のダイヘッド(加工図), プラタン(加工図)を参照してください。
 ARRANGEMENT OF MOLD ATTACHMENT SCREW HOLES AND T SLOTS REFERS TO DIE HEAD AND PLATEN DWG. APPENDED.

- MIN. MOLD SIZE: 29.92x29.92 (WHEN CLAMPING FORCE IS 1157US ton)
 - HEX0.95x20.83x-4PIECES, HEX1.61x20.83x-4PIECES, EJECTOR RODS ARE SUPPLIED WITH MACHINE (EJECTOR ROD: WITH MALE SCREW 3/4-10UNC: HEX0.95 & 1-8UNC: HEX1.61) WHEN OTHER EJECTOR RODS ARE REQUIRED THEY SHALL BE PREPARED BY CUSTOMER
 - ALL DIMENTION ARE SHOWN IN INCH.
- 最小金型寸法は, 760x760mm (型締力10297kN (1050tf) の時)
 - 対辺24mm六角x529x4本, 対辺41mm六角x529x4本のエジェクタロッド (3/4-10UNCねじ込み式: 対辺24, 1-8UNCねじ込み式: 対辺41) が付属します。上記以外のものが必要な場合は, 事前記号準備願います。
 - 図中の単位は INCH 表示です。

図名 MODEL 1200MMJ	三角法 3rd ANGLE PROJECTION	縮尺 SCALE 1/20	図名 NAME 金型取付寸法図 DIE SPACE
図番 NEXT ASSY B3FG00516	製図 DRAWN 水野	検閲 B/M 図番 DWG. NO. 13. / 30	図番 SUFFIX MARK PAGE A2
承認 APPROVED 大野	検査 CHECKED 石原	3FK93698.	

