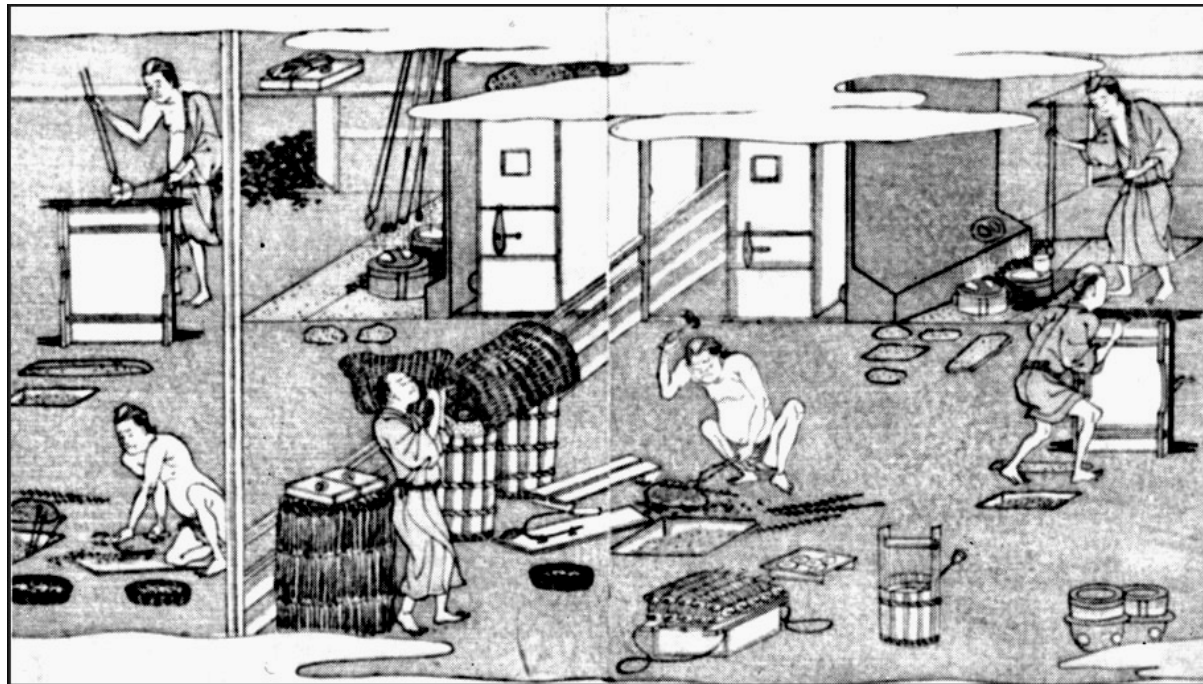
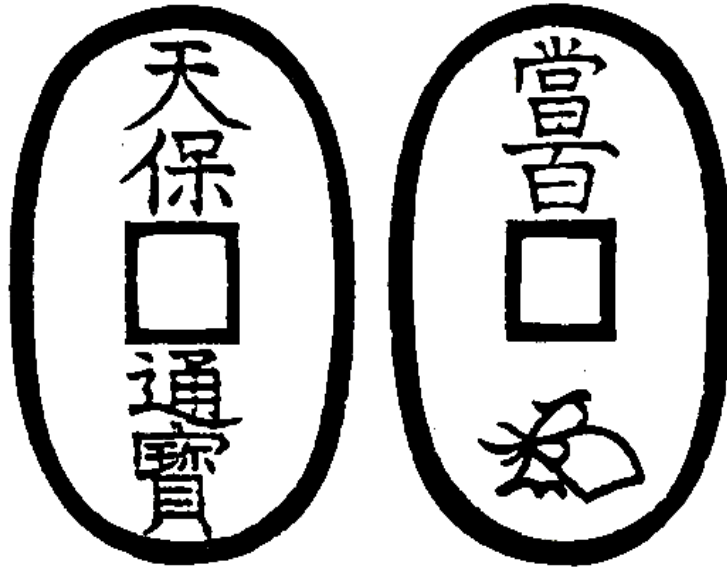


Tenpō Tsūhō 天保通寶 (1835–1871)

Compiled by Heinz Gratzner



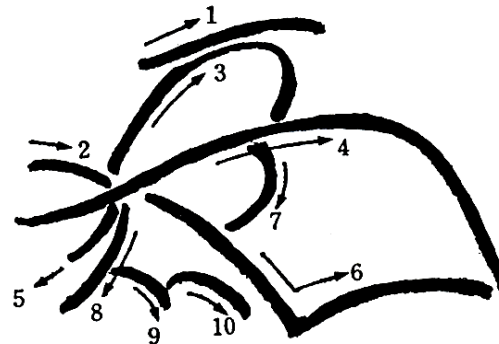


Obverse: *Tenpō Tsūhō* 天保通寶

Reverse: *tō hyaku* 當百 (equivalent to 100)
below the hole the composed
signature of mintmaster
Hashimoto Mitsuji



and how it was written



Only the Bakufu 幕府 (government) *Tenpō Tsūhō* were legal and were cast only at the Mints of Edo and Ōsaka. Meiji 2 (1869) after the end of the Bakufu reign and the restoration of the monarchy as well as the relocation of Emperor Meiji 明治天皇 to Tōkyō (which was called Edo until 1868) the last official *Tenpō Tsūhō* were cast in Aikawa 相川 / Sadoshima 佐渡島 (today Niigata-ken 新潟県) in order of Emperor Meiji.

All other *Tenpō Tsūhō* were illegal, because the Shogunate never gave permission to other mints. But every daimyō wanted to cast this coinage in their provinces, because profits were guaranteed, so minters used the regular circulation government coins of Honza 本座 to cast their own. For that reason, there are many variants today that resemble authorized issues.

Some of the initial trials in the provinces ended up in failure. What they did not realize, was that metal shrinks when cast in mold, a 49 mm *Tenpō Tsūhō* would come out measuring 47 mm. In addition, molten metal poured into oval shaped sand mold has a tendency to “round” itself while cooling. In other words, there is a natural, lengthwise pressure applied within the mold that tries to take a round form. As a result, the finished coin loses a bit of lengthwise measurement, while gaining its width slightly.

We need to remember that these illegal mints were trying to pass their coinage as legal, government coins. Illegal mints get smarter, they are now producing coins of correct size and weight, more-or-less. Many mints used a wrap-around now. This thing called “wrap-around” is a ring that is a few millimeter wide. *Tenpō Tsūhō* is popped into this ring. This simple process added that needed, extra measurement. Coins cast from this process become seed coins. However, these coins had very wide rims as a result. The rims have to be narrowed, so they file and smooth out the inner oval rim.

This is why some variants of *Tenpō Tsūhō* have more space between the rim and the characters, for both obverse and reverse. Such varieties are called “sekkaku 挟郭”. It means the characters look as though if they are cluttered around the square hole.

Of course, this is not the case, but they appear that way. Another type of ring is a sort that not only adds measurements to the edge but adds a bit of thickness to the rims as well.

Just imagine it with aluminum foil. Wrap the foil around the edge of a coin and then fold over the excess over the rim.

By using this procedure, a bit of extra weight can be added to the finished coin. Coins cast from this method have the rims slightly taller than the characters, or the characters slightly lower than the rims.

Important

For any attribution the tiny counter marks (Shirushi 印) should be checked because every mint had a different one, but all of them are showing oversimplified executions of the paulownia crest* (Kiri 桐). These counter marks are not always completely punched in, so to in actuality they are hardly to identify.

Below is the official counter mark of the Bakufu (government).



The size of coin (Zeni taikei 錢体径) length, width and thickness (Zeni atsuniku 錢厚肉) and the distance “A” (Zeni Bunkei 錢文径) between TEN 天 and HŌ 寶 is important.



* The Shichi go no kiri 七五の桐 (Paulownia) was the crest of Toyotomi Hideyoshi (1537–1598), later adopted by the government of the Edo period.

Variants of inner rims:

Thin rims > *Saikaku* 細郭

Thin rims but hole slightly rectangular > *Chōkaku* 長郭

Medium width rims > *Chūkaku* 中郭

Medium width rims but hole slightly rectangular > *Okaku* 横郭

Wide rims > *Hirokaku* 広郭




For untrained eyes it is very difficult to detect the tiny characteristics explained in the list below.


Japanese numismatists uses uniquely assigned mother coins for comparison.

Official mints

Bakufu-sen 幕府銭

Honza 本座 Kinza 金座 Asakusabashi 浅草橋 Edo 江戸 (today Tōkyō-to 東京都)


Size, hole, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L1.1 48,9x32,5 19,6 g	2,55	41,8	slightly rectangular hole with thin rims <i>8,4x8,7 mm</i>	Tenpō 6-7 (1835–36)	
L1.2 49,3x32,5	2,55	41,8			
L1.3 49,6x32,3 19,8 g	2,50	41,5			
L1.4 49,1x32,1 20,2 g	2,50	41,4			
L1.5 49,2x32,8	2,50	41,3	hole with thin rims <i>8,4 mm</i>	Tenpō 8 (1837)	
L1.6 49,5x32,9 21,8 g	2,50	41,2			

L1.7 49,2x32,8 21,4 g	2,50	41,5			
L1.8 49,2x32,3 21,4 g	2,55	41,3	hole with medium width rims <i>7,0-8,0 mm</i>	Kōka (弘化) 2 (1845)	
L1.9 49,0x32,4	2,60	41,4			
L1.10 49,2x32,6 21,0 g	2,50	41,1			
L1.11 49,2x32,6 22,6 g	2,70	41,1	hole with wide rims <i>6,0-7,0 mm</i>		 <i>From this variety also a second slightly different counter mark is known. Scholars reason that this originated from an outworn Bakufu punch</i>
L1.12 49,1x32,5 21,5 g	2,55	41,3			

Bakufu-sen 幕府銭


Honza 本座 Kinza 金座 Namba 難波 Ōsaka-shi 大阪市 Settsu 摂津
(today Ōsaka -fu 大阪府)

two types > flat or deep inscription

SIZE , <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L2.1 49,2x32,4 21,6 g	2,55	41,3	hole with medium width rims <i>5,6 mm</i>	Keiō 1 (1865)	
L2.2 48,8x32,5 21,2 g	2,60	41,0			
L2.3 48,6x32,4 21,2 g	2,60	41,1			

Emperor Meiji 明治, Sado-sen 佐渡銭

Aikawa 相川 Zenseiji 禅誓寺 temple Sadoshima 佐渡島 (today Niigata-ken 新潟県)

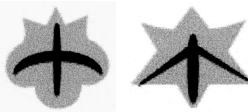
SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HÔ 寶 <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L3.1 49,2x32,3 19,4 g	2,55	41,2	light bronze; hole with wide rims 6,0 mm	cast after end of Bakufu	
L3.2 49,1x32,4 22,7 g	2,60	41,2		Meiji 2 (1869) February - June	

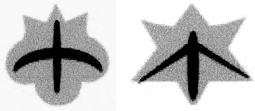
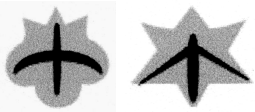
Illegal provincial mints

No standard of holes!

Satsumahan-sen 薩摩藩銭

Satsuma 薩摩 (today Kagoshima-ken 鹿児島県)



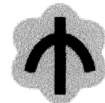
SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L4.1 49,0x32,4 20,6 g	2,50	41,7	slightly rectangular hole with medium width rims, short tail of Shinnyu 通	End of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	
L4.2 48,9x32,6	2,60	42,0			
L4.3 49,4x32,7 19,6 g	2,60	41,9			
L4.4 49,4x32,7 19,6 g	2,60	42,2	slightly rectangular hole with thin rims, long tail of Shinnyu 通		

<p>L4.5 49,3x32,3 21,4 g</p>	<p>2,60</p>	<p>41,7</p>	<p>hole with wide rims, Shinnyū with three- cornered dot, unequally strokes of Yō 用</p> <p>通</p>	<p>End of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867</p>	
<p>L4.6 48,9x32,2 21,8 g</p>	<p>2,65</p>	<p>41,4</p>	<p>hole with wide rims, common tail of Shinnyū</p> <p>通</p> <p>vertical rims different width</p> <p>百</p>	<p>End of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867</p>	

L4.7 48,8x32,7 23,0 g	2,65	41,3	short tail of Shinnyū 		
L4.8 49,1 X 32,5 19,4 g	2,55	41,6	hole with wide rims, shrunk Hō (Pō) 保, common tail of Shinnyū		
L4.9 49,2X 32,6 26,8 g	3,00	41,3	hole with wide rims, common tail of Shinnyū		
L4.10 49,2 X 33,2 18,0 g	2,35	41,2	strongly curved line of Shinnyū, thin upper stroke of Yō 用 		


Fukuokahan-sen 福岡藩銭

Hakata 博多 Chikuzen 筑前 (today Fukuoka-ken 福岡県)

SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L5.1 49,0x32,4 25,4 g	2,60	41,3	roughly filed hole with medium width rims	Bunkyū 3 (1863) Bunkyū 3 (1863)	
L5.2 49,4x32,5 19,6 g	2,50	41,8	roughly filed hole with wide rims		 
L5.2 49,2x32,5 22,2 g	2,55	41,7			
L5.3 49,3x32,3 26,0 g	2,60	41,7	roughly filed hole with thin rims		


Fukuokahan-sen 福岡藩銭

Kurume 久留米 Chikuzen 筑前 (today Fukuoka-ken 福岡県)

SIZE, mm	THICKNESS, mm	DISTANCE between TEN 天 and HŌ 寶, mm	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L6.1 49,4x32,5	2,60	41,9	roughly filed hole with wide rims	Bunkyū 3 (1863)	
L6.2 48,7x32,0 21,6 g	2,60	41,3			
L6.3 49,0x32,5	2,60	40,1			
L6.4 48,9x33,0	2,65	40,3	roughly filed hole with wide rims, red copper		

Okahan-sen 岡藩銭

Taketa-shi 竹田市 Bungo 豊後 (today Ōita-ken 大分県)

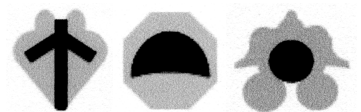
SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L7.1 48,9x32,4	2,55	41,1	strokes of Tsū weaker than the other characters	Kōka 2 (1845)	
L7.2 49,0x32,6 21,2 g	2,50	41,3	strokes of Tsūhō weaker than the other characters		

Kōchihan-sen 高知藩銭

Kōchi-shi 高知市




Tosa 土佐 (today Kochi-ken 高知県)








Gakurin 額輪 > rims slightly higher than the characters; strong sandy surface








SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L8.1 48,3x32,8 18,4 g	2,45	40,4	high outer rims, common tail of Shinnyū 通	End of Bakufu, Approximately between Tenpō 8 - Keiō 3 1837-1867	
L8.2 49,2x32,9 18,6 g	2,40	41,3			
L8.3 48,8x32,7 19,4 g	2,50	40,8			





Hagihan-sen 萩藩銭





(in some catalogs also Yamaguchihan-sen 山口藩銭)
Nagato 長門 (today Yamaguchi-ken 山口県)






SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L9.1 48,6x31,9 24,4 g	2,55	40,1	hole with medium width rims	end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	
L9.2 49,1x31,8	2,55	41,3	hole with medium width rims, TEN with two short horizontal strokes 		
L9.3 48,9x32,6	2,55	41,0	hole with medium width rims, short tail of Shinnyū 		
L9.4 48,5x32,5	2,50	40,4	hole with medium width rims, large characters		




L9.5 48,8x33,0	2,50	40,9	<p>hole with medium width rims, large TEN</p>  <p>uprising tail of Shinnyū</p> 		
L9.6 48,0x32,6 25,0 g	2,50	41,3	<p>hole with medium width rims, fourth stroke of TEN longer than the third one</p>  <p>uprising tail of Shinnyū</p> 		
L9.7 49,6x33,1 18,2 g	2,50	41,2	<p>tight TEN</p>  <p>uprising tail of Shinnyū</p> 	<p>end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867</p>	



L9.8 49,9x33,0 21,4 g	2,50	41,5	TSŪ with uprising tail of Shinnyū and small Ma ㄣ head 		
L9.9 48,5x32,7	2,50	40,8	low position of Ma ㄣ head 		
L9.10 48,6x32,6	2,50	40,6	shrunk PŌ (HŌ)  uprising tail of Shinnyū 		
L9.11 48,8x32,6 21,6 g	2,60	40,5	short TEN  uprising tail of Shinnyū 	end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	

L9.12 49,2x32,8	2,60	41,1	TSŪ with uprising tail of Shinnyū and Ma ㄣ head leaning to right 		
L9.13 48,7x32,2	2,45	40,7	hole with medium width rims, small TEN PŌ, uprising tail of Shinnyū 		
L9.14 48,8x31,7	2,50	40,9	hole with medium width rims, long uprising tail of Shinnyū 		
L9.15 48,8x32,9	2,55	40,7	hole with medium width rims, long uprising tail of Shinnyū and short legs of PŌ (HŌ) 		

<p>L9.16 48,3x32,9 18,0 g</p>	<p>2,55</p>	<p>39,6</p>	<p>hole with wide rims, the two horizontal strokes of TEN shifted to left</p> 	<p>end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837 - 1867</p>	
<p>L9.17 49,3x33,2</p>	<p>2,55</p>	<p>39,4</p>	<p>the two horizontal strokes of TEN shifted to left</p> 		
<p>L9.18 49,2x32,9</p>	<p>2,45</p>	<p>40,1</p>	<p>the two horizontal strokes of TEN shifted to left, shrunk PŌ (HŌ)</p> 		





L9.19 48,8x32,6	2,45	40,6	TEN leaning to right 		
L9.20 48,8x33,4	2,50	39,9	the two horizontal strokes of TEN shifted to left 		
L9.21 48,4x33,4	2,50	39,9	shrunk TSŪ 		
L9.22 48,6 X 33,5	2,50	39,8	the two horizontal strokes of TEN leaning to right, tight Ki 木 of PŌ (HŌ) 	end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	





L9.23 48,9x32,2 16,6 g	2,50	40,5	TEN with two tight horizontal strokes 		
L9.24 48,7x32,7 18,5 g	2,60	40,0	distance of the two horizontal strokes of TEN are narrow and shifted to left 		
L9.25 48,4x33,2	2,60	40,1	the two horizontal strokes of TEN leaning to right 		
L9.26 48,6x32,4 22,0 g	2,40	40,5	small hole (less than 6,0 mm)		






L9.27 48,0x32,2	2,40	39,4	tight TEN 		
L9.28 48,9x32,8	2,75	40,7	hole with medium width rims, large characters		
L8.29 48,8x32,5	2,80	40,6	hole with wide rims, large characters		
L9.30 49,3x33,0	3,10	41,0	thick coin, large characters		
L9.31 48,3x32,8	2,50	40,5	hole with wide rims, uprising tail of Shinnyū 		




Mitohan-sen 水戸藩銭

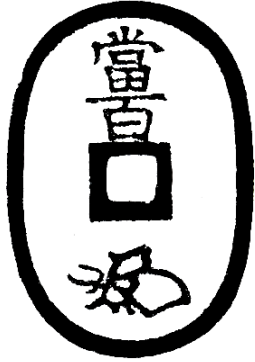




Hitachi 日立 (today Ibaraki-ken 茨城県)






SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L10.1 48,8x32,7	2,40	40,0	common variant (no special characteristic)	Keiō 4 (1868)	
L10.2 49,2x32,9 22,2 g	2,55	40,4	broad characters, HŌ shifted to right  signature with fat strokes 		
L10.3 49,3x33,4	2,45	40,4	broad characters, HŌ shifted to right 		

L10.4 49,2x33,1 21,2 g	2,50	40,3	short feet of HŌ 寶 		
L10.5 49,6x33,6	2,50	40,3	same as L10.4 but with wider outer rims		
L10.6 49,3x33,4	2,50	40,1	obverse & reverse: counter stamps 米 on outer rims 		
L10.7 48,3x32,1 19,6 g	2,50	40,8	reverse: casting defects 	Keiō 4 (1868)	

L10.8 48,5x32,0	2,55	41,2	reverse: casting defects 	Keiō 4 (1868) 
L10.9 48,2x32,6	2,35	39,0	upward curved left foot of HŌ 	
L10.10 49,3x32,9	2,55	40,9	large characters	
L10.11 49,3x33,3 18,0 g	2,55	39,4	Ma ㄣ head TSŪ touching wide inner rims 	
L10.12 48,5x32,1 23,8 g	2,70	40,0	Kai 貝 of HŌ with upturned left foot 	



L10.13 49,2x32,9 21,8 g	2,70	40,1	large characters, small Ma ㄣ head of TSŪ 		
L10.14 47,9x32,2 19,2 g	2,40	39,9	fine (thin) characters	Keiō 4 (1868)	
L10.15 48,3x32,2	2,40	40,3	Hō with long feet, uncommon reverse 		


L10.17 48,8x32,9	2,60	40,1	large characters, uncommon reverse 		
L10.16 48,7x33,4	2,60	38,9	Ma ㄣ head of TSŪ touching inner rim 	Keiō 4 (1868)	
L10.18 48,8x32,5	2,80	40,6	large characters, uncommon Ma ㄣ head of TSŪ (in shape of a triangle) 		
L10.18 49,0x32,7	2,75	39,8	Ma ㄣ head of TSŪ touching inner rim  material: brass (Kōdō 黄銅)		

L10.19 47,1x32,6	2,45	38,8	Kai 貝 of HŌ with upturned left foot 		
L10.20 48,3x32,6	2,45	40,2	broad outer rims		
L10.21 49,1x32,2	2,45	40,4	material: brass (Kōdō 黄銅)		
L10.22 48,6x32,3	2,45	40,9	different counter stamp	Keiō 4 (1868)	
L10.23 48,2x32,2 17,8 g	2,45	40,3	different counter stamp, correctly executed characters		
L10.24 50,1x34,7	2,60	41,0	different counter stamp, rectangular hole, HŌ > vertical stroke of 亻 slightly curved  exceedingly rare		

Aizuhan-sen 会津藩銭

Mutsu 陸奥 (today Fukushima 福島, Miyagi 宮城, Iwate 岩手 and Aomori-ken 青森県)



SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L11.1 48,6x32,8	2,60	40,1	hole with wide rims; short Kai 貝 of HŌ 寶	end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	
L11.2 49,1x33,1 24,2 g	2,75	40,2	hole with medium width rims, short Kai 貝 of HŌ 寶		
L11.3 48,8x33,3	2,50	39,8	broad outer rims		
L11.4 48,9x33,1	2,50	39,6	broad outer rims, TSŪ with small Ma マ head 		


L11.5 49,4x33,2	2,55	39,9	feet of HŌ don't touch the broad outer rim 		
L11.6 48,6x32,7 20,4 g	2,55	40,7	hole with thin rims, long Kai 貝 of HŌ 寶		
L11.7 47,9x32,6	2,65	40,4	long Kai 貝 of HŌ 寶		
L11.8 48,3x32,4	2,70	40,3	short Kai 貝 of HŌ 寶		
L11.9 48,9x32,7	2,65	40,0			

Sendaihan-sen 仙台藩銭

Mutsu 陸奥 (today Fukushima 福島, Miyagi 宮城, Iwate 岩手 and Aomori-ken 青森県)

All variants exceedingly rare !

SIZE, mm	THICKNESS, mm	DISTANCE between TEN 天 and HŌ 寶, mm	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L12.1 49,0x32,5	2,35	40,1	hole with wide rims, HŌ 寶> left foot longer than the right one 	end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	No picture of counter stamp available
L12.2 48,6x33,4	2,40	39,5	hole with wide rims, HŌ 寶 with long feet 		
L12.3 48,4x32,5	2,50	39,8			
L12.4 48,6x32,7 17,9 g	2,60	39,9			


L12.5 49,9x33,3	2,65	40,6			
L12.6 50,334,5	2,30	40,0	<p>wide outer rims, hole with thin rims, HŌ 寶 with long feet</p> 		
L12.7 50,4x34,6	2,30	39,9			
L12.8 50,4x33,9	2,50	40,4			


Akitahan-sen 秋田藩銭



Kagoyama Zeniza 加護山銭座 Futatsui-machi ニツ井町 Yamamoto-gun 山本郡

Dewa 出羽 (today Akita-ken 秋田県)

All variants cast in copper (Akagane 銅)

SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L13.1 49,0x32,7	2,70	41,7	slightly rectangular hole with thin rims	Keiō 1 (1865)	
L13.2 49,5x32,8 19,6 g	2,65	42,0			
L13.3 48,7x32,6 19,4 g	2,65	41,0	hole with wide rims		
L13.4 48,5x32,7	3,20	40,5			
L13.6 48,9x32,6 22,4 g	2,60	41,0			


L13.7 48,4x32,4	2,65	40,5			
L13.8 49,1x32,6	2,95	41,0			
L13.9 49,3x33,9	2,40	41,1			
L13.10 49,2x32,6	2,50	41,9			
L13.5 48,9x32,7 19,4 g	2,55	41,1	narrow (slender) inner rim		
L13.11 46,8x31,4	2,55	39,1	small variants, unbalanced inner and outer rims on reverse 		

<p>L13.12 45,6x30,1</p>	<p>2,45</p>	<p>38,7</p>	<p>small variants, unbalanced inner and outer rims on reverse</p> 		
<p>L13.13 46,5x31,0</p>	<p>2,50</p>	<p>39,0</p>	<p>small variants, unbalanced inner and outer rims on reverse</p> 		

Nambuhan-sen 南部藩銭

Morioka-shi 盛岡市

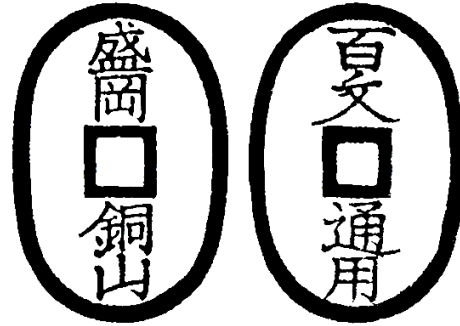
Mutsu 陸奥 (today Fukushima 福島, Miyagi 宮城, Iwate 岩手 and Aomori-ken 青森県)

SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L14.1 49,2x32,5	2,50	41,3	large characters	end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	
L14.2 49,5x33,6	2,55	41,4	hole with wide rims, broad outer rim, large characters		
L14.3 47,9x31,6 16,6 g	2,60	40,8	narrow (slender) inner rim, large characters		
L14.4 48,3x32,5	2,55	39,8	small characters		
L14.5 47,8x32,3	2,50	39,1	hole with thin rims		
L14.6 49,5x33,6 21,3 g	2,55	41,4	hole with wide rims		

Morioka Dōzan-te 盛岡銅山手

文

Shinnyū of Tsū 通 executed in the style of the trial coin Morioka Dōzan-sen



L14.7 48,1x32,1 20,0 g	2,55	40,5	narrow (slender) inner rim, large characters	after Keiō 3 (1867)
L14.8 48,4x32,2	2,50	40,1	Dōzan-te 銅山手 hole with wide rims	
L14.9 49,2x33,0 24,0 g	2,45	41,6	Dōzan-te 銅山手 large variety	
L14.10 48,2x32,2	2,55	40,8	Dōzan-te 銅山手 hole with thin rims	




Nambuhan-sen 南部藩銭

Ishinomaki-shi 石巻市

Mutsu 陸奥 (today Fukushima 福島, Miyagi 宮城, Iwate 岩手 and Aomori-ken 青森県)


All variants exceedingly rare !

SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L15.1 50,6x33,5	2,60	40,4	hole with lacquered thin rims	end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	
L15.2 50,4x33,4	2,60	40,4			
L15.3 50,2 x34,0	?	40,2			
L15.4 50,1x33,8	?	40,1			

Nambuhan-sen 南部藩銭

Jōbōji-mura 浄法寺村 Sannaizeniza 山内銭座

Mutsu 陸奥 (today Fukushima 福島, Miyagi 宮城, Iwate 岩手 and Aomori-ken 青森県)

SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L16.1 47,5x31,9 17,4 g	2,50	40,8	hole with thin rims, large characters	end of Bakufu, approximately between Tenpō 8 - Keiō 3 1837-1867	
L16.2 48,7x32,9 21,0 g	2,45	40,5			
L16.3 47,1x31,7	2,45	40,3			
L16.4 47,9x31,5 22,2 g	2,45	40,3			
L16.5 48,7x32,0	2,30	40,4	hole with wide rims		
L16.6 48,8x2,3	2,35	40,8			
L16.7 48,7x31,2	1,80		slightly rectangular hole with thin rims		

Doubtful attribution

Hiroshimahan-sen 広島藩銭

Aki 安芸 (today Hiroshima-ken 広島県)

Nowadays many scholars disbelieve that those coins were cast by the Hiroshimahan and therefore have placed them to “doubtful mint” category.

SIZE, mm	THICKNESS, mm	DISTANCE between TEN 天 and HŌ 寶, mm	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L17.1 49,3x32,9 20,4 g	3,0	42,0	hole with wide rims poor casting quality	Keiō 2 (1866)	
L17.2 49,4x32,8	2,6	42,0	hole with medium width rims poor casting quality		

Unknown mints

Chūsho Fumei-sen 鑄所不明錢

TIME of ISSUE: unknown, sometime between Tenpō 8 – Keiō 2 (1837-1866)

94 variants with Chōkaku 長郭

55 variants with Saikaku 細郭

14 variants with Chūkaku 中郭

26 variants with Hirokaku 広郭

L18.1



L18.2



L18.3



L18.4



L18.5



L18.6



L18.7



L18.8



L18.9



L18.10

variants with no visible counter marks

Forgery cast by Takematsu 武松

Chōkōji 長興寺 temple Ibonai-mura 伊保内村 Kūnohe-gun 九戸郡
Mutsu 陸奥 (today Fukushima 福島, Miyagi 宮城, Iwate 岩手 and Aomori-ken 青森県)

SIZE, <i>mm</i>	THICKNESS, <i>mm</i>	DISTANCE between TEN 天 and HŌ 寶, <i>mm</i>	CHARACTERISTICS	TIME of ISSUE	COUNTER MARK Paulownia blossom abstract executions
L19.1 48,1 X 32,9	2,45	40,3	hole with thin rims	Meiji 2 (1869)	without counter marks

Charms

Tatsugorō Tenpō 辰五郎天保 Nambuchihō-sen 南部地方銭

Ōhasama-Zeniza Ōhasama-machi 大迫銭座 大迫町

Mutsu 陸奥 (today Fukushima 福島, Miyagi 宮城, Iwate 岩手 and Aomori-ken 青森県)

L20.1

iron variant privately cast Meiji 2 (1869) by Tatsugorō

without counter marks

49,1x32,5/21,6 g



Tamatsuka Tenpō-sen **official and provincial variants with additional engraving by** **Tamatsuka Eijirō 玉塚栄次郎**

Those variants were engraved by Tamatsuka Eijirō 玉塚栄次郎 (real birthname unknown).

He was born Manen 万延 1 (1860) at Nihonbashi 日本橋/Edo 江戸 and at the age of two years he was adopted by Tamatsuka Eizo 玉塚栄蔵.

After he had grown up he learned the business of a stock-jobber and was very successful and Meiji 24 (1891) he opened his own company.

He was very fond of Tenpō Tsūhō and since Taishō 大正 5 (1916) he bought all he could get therefore he was known by his nickname “Tenpō-sen Shugi” 天保銭主義 (Tenpō-sen doctrinaire). During this time he also edited a book on Tenpō Tsūhō.

It's not known when he started to engrave the coins, four different types are known.

He used mostly Honza-sen of Asakusabashi, Ōsaka and Aikawa but also Satsuma, Mito, Aizu and unknown mints.

Tamatsuka Eijirō died Taishō 9 (1920).

L21.1

obverse: 天保銭は人の鏡 Tenpō-sen wa hito no kagami (*Tenpō coin is the mirror of mankind*).

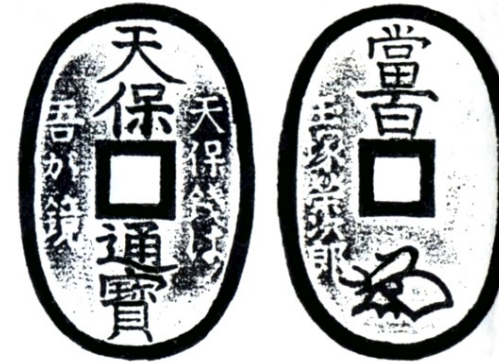
reverse: 玉塚栄次郎 Tamatsuka Eijirō



L21.2

obverse: 天保銭は吾が鏡 Tenpō-sen wa wa ga kagami (*Tenpō coin is the mirror of myself*)

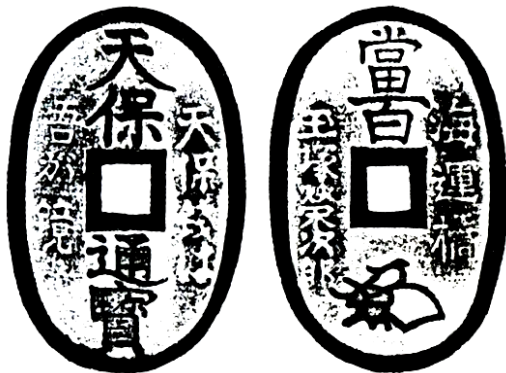
reverse: 玉塚栄次郎 Tamatsuka Eijirō



L21.3

obverse: 天保銭は吾が鏡 Tenpō-sen wa wa ga kagami (*Tenpō coin is the mirror of myself*)

reverse: 海運橋玉塚栄次郎 Kaiunkyō Tamatsuka Eijirō (*Connection for shipment; Tamatsuka Eijirō*)



L21.4

obverse & reverse: Yamaishi 山石 > company sign (emblem)

Yama (not written with Kanji but with outline of a mountain)

