# Glossary

The numbers given at the end of definitions refer to the entry numbers in this catalogue.

# The Sword and its Parts

1. Sword Type

Chokutō: Earliest form of swords without curvature; produced before curved swords were

created. 56.

Daishō: A pair of katana (long sword) and wakizashi (medium-long sword); literally: large-

small.

Hoko: A primitive form of spear with a tang formed as a socket in a shape capable of fitting

the handle inside it. Other types of blades called *naginata* and *yari* were later innovations from this form. An original example dating from the Nara Period still

exists to this day.

Katana: A curved blade longer than 60cm. Worn encased in the uchigatana style mounting

stuck in the waist sash with its edge facing up, and signed on the side away from the

body when thus worn. 2.

Ken: A double-edged straight blade with a ridge at the center on both sides.

Naginata: Halberd.

Nagamaki: Another name given to naginata originating from a style of mounting used on

naginata blades with a long cord-wrapped hilt. It properly means a type of mounting

with such a hilt.

Naginata-naoshi: Blades made into katana or wakizashi by shortening the tang and cutting a part of the

tip of the back of the naginata to make the blade narrower and straighter. 43.

Jōkotō: Comprehensive name given to all straight swords (chokutō) made prior to the

invention of curved swords; between ca. 4th and the mid-10th centuries (lit. ancient

sword).

Kotō: Literally "old sword"; made between the middle Heian period (ca. mid-10th

century) and the Muromachi period (late 16th century).

Shintō: Literally "new sword"; made during the period between the late 16th century late

18th century.

Shin-Shintō: Literally "neo new-sword"; made between An'ei era (late 18th century) until the

promulgation of the Haitō-rei (Edict prohibiting the wearing of the Japanese sword)

in the 9th year of Meiji (1876).

Gendaitō: Literally contemporary swords made since 1876, in accordance with traditional

sword-making technology including charcoal furnace and sand iron ore.

Shōwatō: Swords produced between 1926 and 1945, specifically for use in the last World War;

machine made and of little artistic value.

Tachi: A curved blade longer than 60cm often made before the early Muromachi period;

worn suspended by means of a cord from the girdle with the cutting edge downward

and the mei shown on the side away from the body. 5.

Ko-dachi: A small size tachi ca. 60cm or less. 57.

Tantō: A dagger or short blade, less than 30cm in length. 1.

Sun-nobi tantō: Ridgeless tantō slightly over 30cm and close to wakizashi measurements; many of

them date from the Nambokuchō period. 3.

Wakizashi: A blade measuring between 30 and 60cm. in length; worn in addition to katana by

samurai since Muromachi days. With the arrival of the Edo period, some priviledged

merchants and farmers also wore it occasionally. 38.

Yari: Spear; a type of blade originating from the hoko, made for thrusting with a long pole

attached as a handle; extant examples are mostly from the mid-Muromachi period

and later.

Fukuro-yari: A kind of yari whose tang is formed as a socket in a shape capable of fitting the

handle inside it instead of thrusting the tang inside the handle as in nearly all other yari; sometimes used without the handle as a  $tant\bar{o}$  because the tang in the socket shape functioned as the handle when worn stuck through the waist sash; since the

middle ages it has often been traditionally called kikuchi-yari.

 $J\bar{u}monji$ -yari: A cross shape yari devised to have two branch arms (each with point and both edges

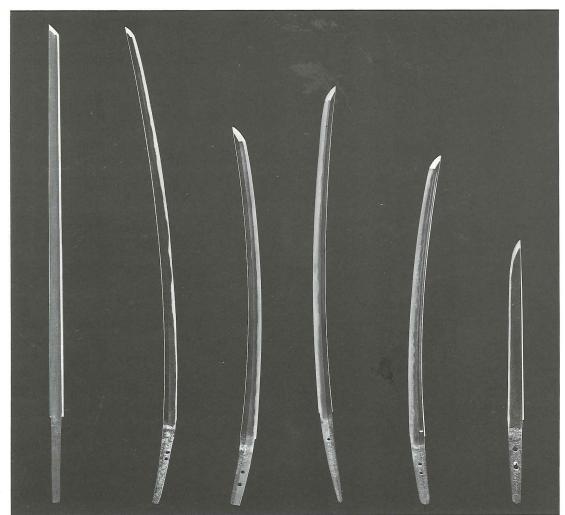
sharp) on both sides of the sharp edged middle section.

*Omi-yari*: An unusually long *yari* in plain shape measuring about 60cm or more.

Sasaho-yari: Ayari with a wide thrusting section with the transverse width of plain yari extended

to look like a bamboo leaf.

Su-yari: Yari of plain, straight shape with sharp edges on both sides.



 $Chokut\bar{o}$ 

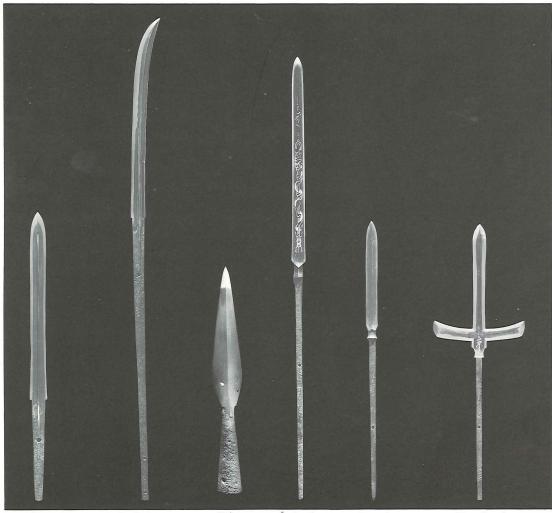
Tachi

Ko-dachi

Katana

Wakizashi

 $Tant\bar{o}$ 



Ken

Naginata

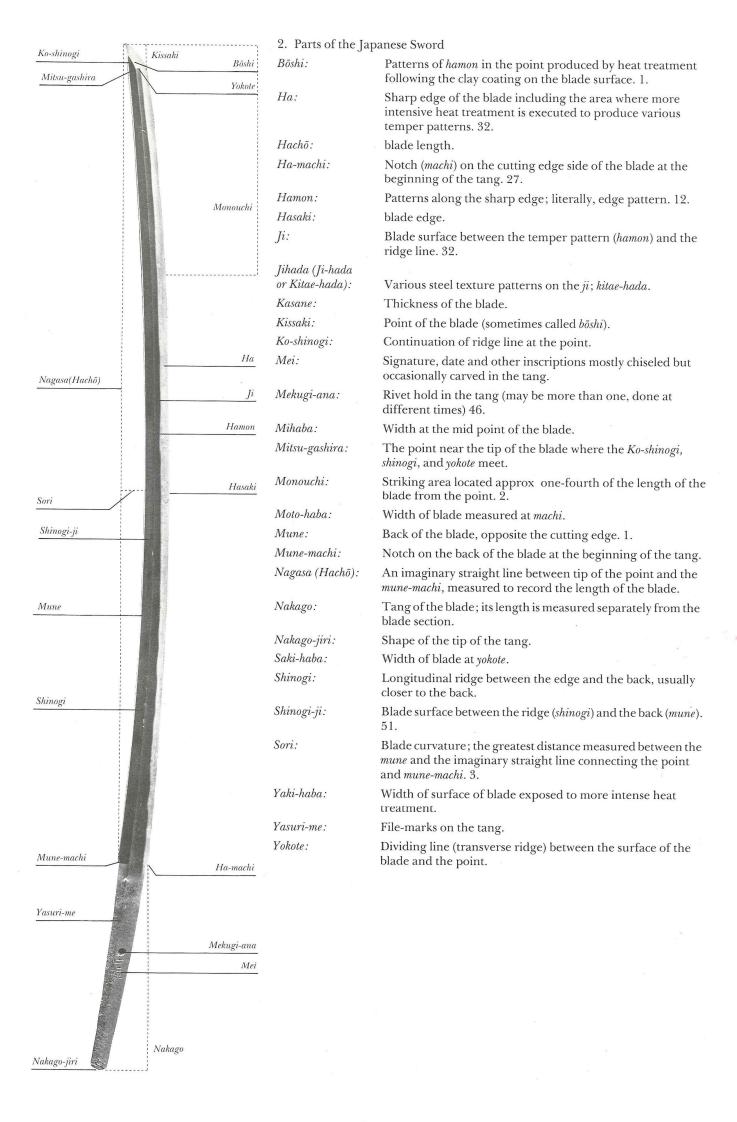
Hoko

Ōmi-yari

S

Su-yari

Jūmonji-yari



3. Shapes of the Japanese Sword (*Tsukuri-komi*; often pronounced *zukuri* when preceded by explanatory word.)

Hira-zukuri: A flat or ridgeless blade; mostly found in the oldest blades  $(j\bar{o}kot\bar{o})$  but later the

ordinary shape for tantō and ko-wakizashi from Heian times onward. 1.

Kanmuri- A blade (tantō or short wakizashi) with shinogi-ji thinned down in the middle part but retaining the full thickness at the kissaki and the butt end. Kanmuri-otoshi-zukuri and (Unokubi-zukuri): unokubi-zukuri are sometimes used to mean the same blade structure, but recently a

unokubi-zukuri are sometimes used to mean the same blade structure, but recently a definition that kanmuri-otoshi-zukuri is a structure with the shinogi reaching the tip of the point while unokubi-zukuri is one with the shinogi stopping at the back below the

point is more predominant.

Katakiriha- A blade ridged (kiriha-zukuri) on the side and flat (hira-zukuri) on the other side; may zukuri: be found in all periods but was most frequently used in the Momoyama period.

A blade with a ridge placed nearer the cutting edge and the same distance from it

thoroughout its length; older shape next to hira-zukuri; limited to jōkotō and their

later copies.

Kiriha-zukuri:

Kissaki- A ridged blade; usually a tachi, with a double-edged kissaki; exemplified in the

moroha-zukuri: famous "Kogarasumaru" attributed to Amakuni (Imperial Collection).

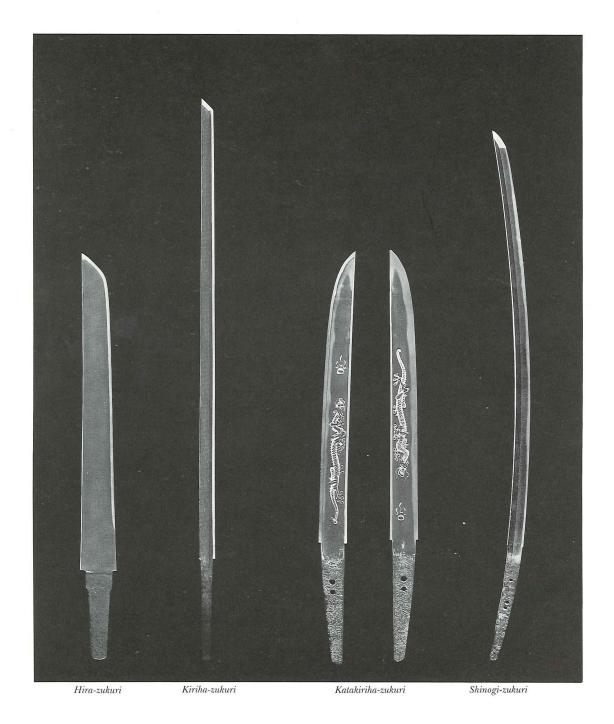
Moroha-zukuri: A double-edged blade with a ridge and slight curvature; usually a tantō. 37.

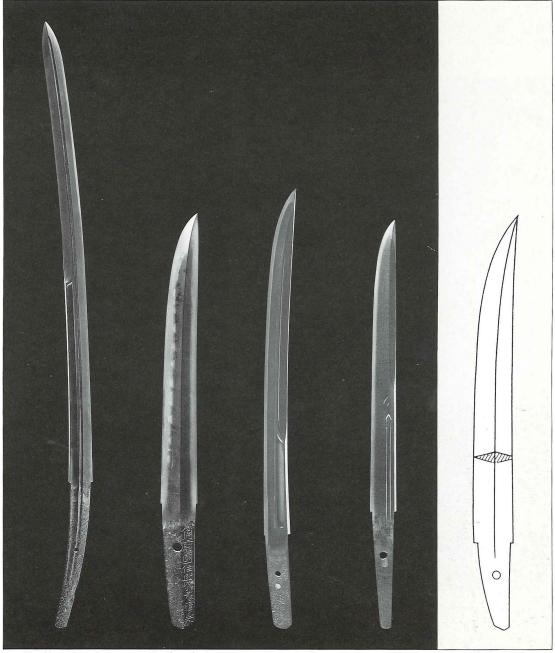
Shinogi-zukuri: A blade with a longitudinal ridge as well as a transverse ridge (yokote) at the point;

the most common form of the Japanese sword. 2.

Shōbu-zukuri: A ridged blade without yokote, shaped like a leaf of iris.

Unokubi-zukuri: Literally "cormorant-head" shape. See kannuri-otoshi-zukuri:.





Kissaki-moroha-zukuri

Moroha-zukuri

Unokubi-zukuri (Kanmuri-otoshizukuri) Kanmuri-otoshi-zukuri

Shōbu-zukuri

## 4. Curvature (*sori*; often pronounced *zori* when preceded by explanatory word.)

Koshi-zori: The center of curvature closer to the tang than to the point; seen in many fine

> swords produced in Bizen during the late Heian and early Kamakura period; it is also called Bizen-zori. Was also the type of sori of many of the oldest swords of other

provinces made during the earliest part of sword history. 10.

Mu-zori:

Straight cutting section without curvature. 1, 15.

Naka-zori The center of curvature at mid-point of blade; seen in many fine Yamashiro or

(Torii-zori):

Kyōto blades. It is sometimes called *Kyō-zori*; also sometimes called *Torii-zori* because of the symmetrical shape of the curve which resembles the entrance gate to the shrines known as torii. Many tachi works produced in the middle to late Kamakura

period are of this kind.

Saki-zori:

Curvature increasing slightly near the point; found in katana made in the late Muromachi period. 30, 40.

Sori-asai

(Sori-hikui):

Shallow or modest curvature.

Sori-fukai

(Sori-tsuyoi):

Marked or deep curvature.

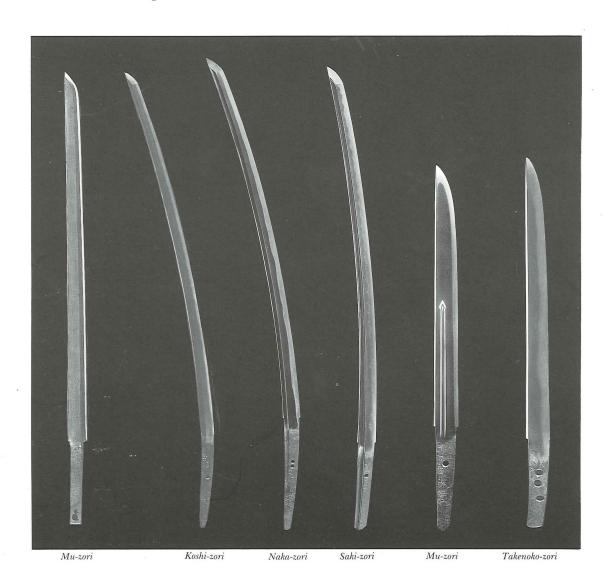
Takenoko-zori:

Similar to uchi-zori but the edge of the point is a flattened curve; found typically in Norishige tanto, and also some works made in the Shin-shinto period, as well as some

dating from the late Kamakura and Muromachi periods. 44.

Uchi-zori:

The type of curvature of a *tantō* decreasing near the point; the back line may be nearly or wholly straight or even have a slight reverse curve towards the cutting edge. 7.



5. Point (Kissaki often pronounced gissaki when combined with explanatory word.)

Chū-gissaki:

Medium point found on works made in the middle Kamakura period and later on

Shintō blades. 2.

Chū-gissaki

nobiru:

Medium point slightly longer than usual. 24.

Chū-gissaki

tsumaru: Fukura:

Medium point reduces in size. 2. The edge curve of the point. 1.

Fukura-kareru:

Straight point edge line. 36.

Fukura-tsuku:

Rounded point edge curve.

Ikubi-gissaki:

Point section short compared to the length of the blade; proportioned like the

stubby head a boar (Ikubi) and its large body. 18.

Kamasu-gissaki:

Point without curvature in the edge.

Ko-gissaki:

Small point mostly found on the oldest swords made during the Heian and early

Kamakura eras.

Ko-gissaki nobiru:

Small point slightly longer than usual. 5.

Ō-gissaki:

Large point found on Nambokuchō – early Shintō and Shin-shintō works. 4.

6. Ridge (shinogi)

Shinogi:

Ridge. 2.

Shinogi-hikui:

Flat or low ridge (relatively thin blade).

Shinogi-habahiroi: Wide surface between the ridge and the back i.e., nearer the

mid line of the blade.

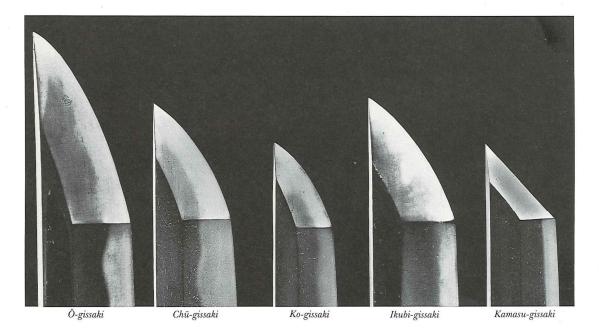
 $Shinogi\mbox{-}takai:$ 

Raised or high ridge (relatively thick blade).

Shinogi-haba-

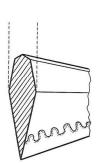
semai:

Narrow shinogi-ji, i.e., ridge nearer to the back.

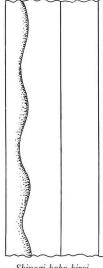




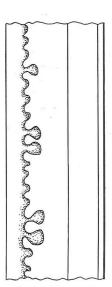
Shinogi-hikui



Shinogi-takai



Shinogi-haba-hiroi



Shinogi-haba-semai

### 7. Back (mune)

Iori-mune

 $(gy\bar{o}$ -no-mune):

Triangular back, most common in Japanese swords. 2.

Iori-hikui:

Low iori-mune.

Iori-takai:

High iori-mune.

Kaku-mune

(hira-mune):

Flat back; exclusively jōkotō.

Maru-mune

 $(s\bar{o}-no-mune)$ :

Rounded back; rather rare.

Mitsu-mune

Three-surface back; usually found in works of Soshū and

(shin-no-mune):

related schools. 1.

## 8. Curvature of the Blade Surface (hiraniku)

Hiraniku:

The blade surface convex curvature in the hiraji between the edge and the

longitudinal ridge.

Hiraniku-tsuku: Hiraniku-kareru: Convex surface. 18. Slightly convex or nearly flat surface, due to wear.



Iori-mune (gyō-no-mune)



Kaku-mune (hira-mune)



Maru-mune (sō-no-mune)



Mitsu-mune (Shin-no-mune)



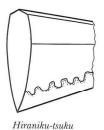
Iori-hikui



Iori-takai



Hiraniku-kareru



9. Shapes of Tang (Nakago)

Funa-gata:

Ship bottom shape, often found on wakizashi and tantō blades in Sōshū style of the

late Kamakura and early Nambokuchō periods.

Furisode-gata:

Kimono sleeve shape designed to fit in a tantō mounting made for bearing on the

right side of the body for the right handed.

Kijimomo-gata:

Pheasant thigh shape narrowing on the edge side toward the tip so as to permit the ornamental pins on the hilts of old full-dress tachi-style mountings to go through without striking the tang; found in tachi works made during the Kamakura period.

Machi-okuri:

Shortened blade in which the mune and ha-machi are moved up a short distance

without cutting off the tip of the tang. 17.

Suriage-nakago:

Shortened tang but with the inscription remaining intact; also simply called suriage. 1.

Ō-suriage:

Shortened blade that has lost its original tang and inscription. 4.

Tanago-bara-gata:

Fish belly shape, often found on works produced by Muramasa and his pupils in the

Muromachi period.

Ubu-nakago:

Original, intact.

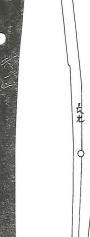


Funa-gata

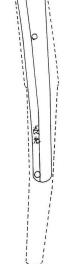














Ō-suriage

Furisode-gata Kijimomo-gate Tanago-bara-

Ubu-nakago

Suriage-nakago

### 10. Tip of the Tang (nakago-jiri)

Iri-yamagata:

Unevenly v-shaped. 7, 65.

Kengyō:

V-shaped like the point of a ken blade. 98.

Kiri

(Ichimonji):

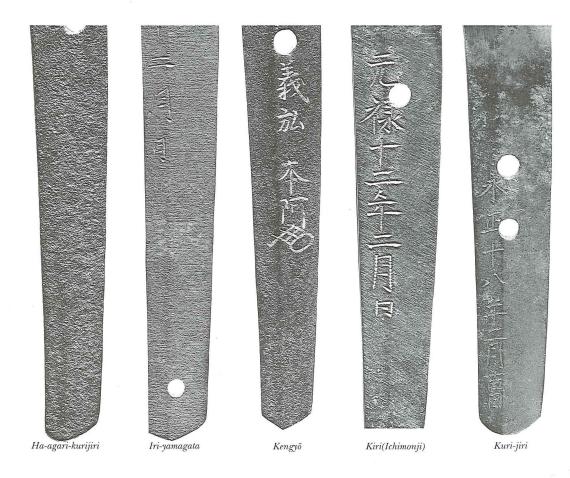
Square end. 1.

Kuri-jiri:

Chestnut-shaped. 3.

Ha-agari-kurijiri:

Kuri-jiri, slanted towards the sharp edge. 13.



# 11. File-marks on the Tang (Yasuri-me)

Higaki:

Check marks often found on Yamato, Mino, and Naminohira (Satsuma) blades made in the Kotō period,

but also on a small number of Shintō blades of the same tradition. 44.

Katte-agari-yasuri:

File-marks with slight upward slanting toward the

right. 120.

Katte-sagari-yasuri:

File-marks with slight downward slanting toward the right found in both Kotō and Shintō, especially

in Bizen blades. 8, 11.

Keshō-yasuri:

Various decorative file-marks chiseled close to the machi found only on Shintō and Shin-shintō blades.

Kiri-yasuri:

Parallel transverse cuts at right angles to the tang; a common file-mark found throughout Kotō and

Sensuki:

Shintō periods. 1-3. Marks with an appearance of a scraped surface

seen on the blades made in the period of *Chokutō* (straight sword) as well as on some of the oldest

Kotō examples.

Sujikai-yasuri:

More marked slanting than katte-sagari. 4.

Ō-sujikai-yasuri:

Katte-sagari (downward slanting toward the right)

even more emphasized than sujikai. 6.

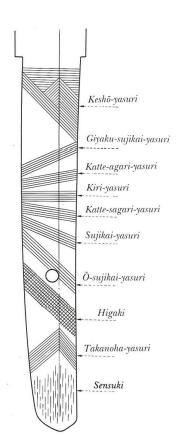
Giyaku-Sujikai-

yasuri:

Inversely slanting from the right to the left.

Takanoha-yasuri: V-shaped or "hawk feather" shaped; found on Kotō

blades in the Yamato tradition or both Kotō and Shintō blades made in the Mino tradition. 42.



### 12. Signature on the Tang (mei)

Dai-mei: Signature inscriptions done by substitute (usually immediate pupils or fellow

Gaku-mei

Signature cut from the original tang and inserted in the

Kakikudashi-mei:

shortened tang. 10. (tanzaku-mei):

The name of the swordsmith and the data of completion given on the same side of

the tang. (usually, the name and the data are given separately on opposite sides of

the tang).

Kaō:

Monogram sometimes added below the maker's signature. 102.

Katana-mei:

Mei given on the outer side when a katana is worn with the cutting edge facing

upward. 17.

Kin-zōgan-mei:

Appraiser's (usually Honnami's) inscription in gold inlay, usually on a shortened

tang having lost the original signature. 16.

Kinpun-mei:

Appraiser's inscription in gold lacquer on the tang giving the attribution to a

swordsmith.

Kiritsuke-mei:

Inscription executed by someone other than the artist. 67.

Mumei:

Unsigned.

Naga-mei:

Full or long inscription showing address, title, etc. 14.

Niji-mei:

Signature inscription in two Chinese characters.

Orikaeshi-mei:

Signed area folded onto the opposite side of the tang to shorten the blade. 33.

Saidan-mei:

Inscriptions usually in gold inlay showing the record of cutting tests. 74.

Shu-mei:

Appraiser's (usually Honnami's) inscription in red lacquer on the intact tang of an

unsigned blade, giving the attribution to a maker.

Tachi-mei:

Signature given on the outer side when a tachi is worn with the cutting edge

downward.

Tanzaku-mei:

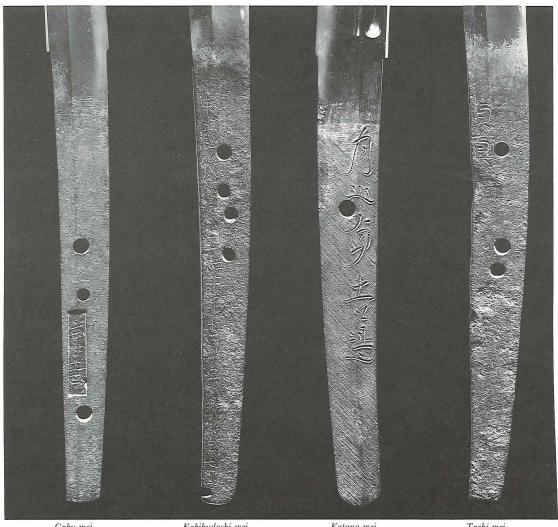
See Gaku-mei.

Ura-mei:

Inscriptions given on the back of tang.

Zuryō-mei:

Honorary titles given by the court as in "Izumi-no-kami Kunisada". 63.

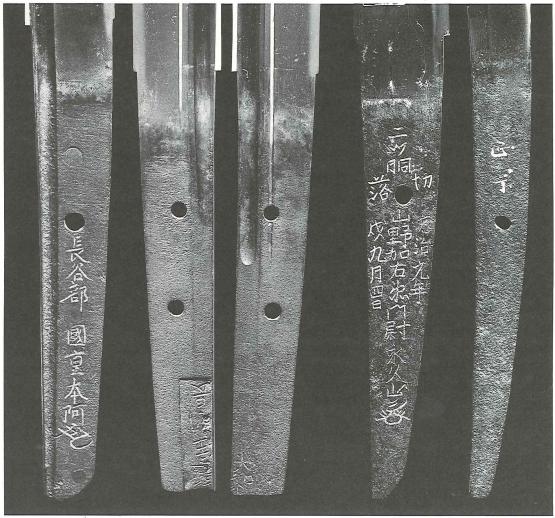


Gaku-mei (tanzaku-mei)

Kakikudashi-mei

Katana-mei

Tachi-mei



Kin-zōgan-mei

Orikaeshi-mei

Saidan-mei

Shu-me

13. Forging and Tempering: Characteristics of the Japanese Sword

Hamon:

Edge pattern produced by special heat treatment including clay coating.

Kitae:

Special forging techniques differentiating the Japanese sword from any similar

cutting weapons in the world.

Tama-hagane:

Steel for the Japanese sword produced from sand iron ore refined in charcoal

furnace.

Tsuchi-dori:

Application of clay coating in the process of heat treatment.

Yaki-ire:

Special heat treatment on blades complete with quenching in water.

14. Temper Patterns And Other Features (hamon; usually ha but sometimes ba when preceded by an explanatory word.)

Hamon are classified by two general types: straight lines called suguha and irregular patterns called midareba.

Suguha:

Plain straight linear patterns. 1.

Chū-suguha:

Medium wide tempered area outlined by a straight line.

Futo-suguha:

(Hiro-suguha):

Suguha with a wide tempered area.

Hoso-suguha:

Narrow suguha. 7.

Midareba

(Midare-ba):

Various irregular patterns in the cutting section. 2.

Chōji-midare:

Clove-shape waves. 13.

Ashi-naga-chōji:

*Chōji* with relatively long projections toward the edge. 113.

Juka-chōji-midare: Kawazuko-chōji: Double or multiple *chōji* clustered together. 10.

Ko-chōji:

Singularly round-headed  $ch\bar{o}ji$  like tadpoles. compact  $ch\bar{o}ji$ .

Kobushigata-chōji:

Fist-shaped chōji. 66.

Saka-chōji: Oblique chōji, slanted toward the tang. 79.

Gunome-midare: Regularly wavy or zigzag line forming compact patterns. 3.

Gunome-

chōji-midare:Mixture of gunome and chōji.Juzu-ba:Stringed bead-like patterns.

Kataochi-gunome: Sawteeth-shaped variation of gunome. 20.

Togari-gunome:

Pointed gunome.

Hakogata-midare

(Hako-midare): Box or square-shaped patterns. 24, 101.

Hitatsura: Tempering effects shown all over the blade. 4.

Kikusui: Chrysanthemum-on-water pattern. Ko-midare: Compact irregular patterns. 10.

Kuichigai-ba: Interrupted temper pattern of parallel lines. 2.

Mimi-gata: Earlobe-shaped midare. 45.

Notare: Wavy curves or undulating lines. 1.

Ko-notare: Compact undulating patterns. 37.

Ō-midare: Large irregular wavy patterns.

Sanbon-sugi: Zigzag lines in clusters of three. 101.

Striated hamon looking like a bamboo-strip shade.

*Tōran-ba:* Pattern of wild or stormy curvature and lines looking like ocean waves. 78.

Yahazu-gata

(Yahazu-ba): Midare shaped like dovetails or necks of arrows.



Futo-suguha (Hiro-suguha)



Chū-sūguha



Hoso-suguha



Hitatsura



Ko-notare



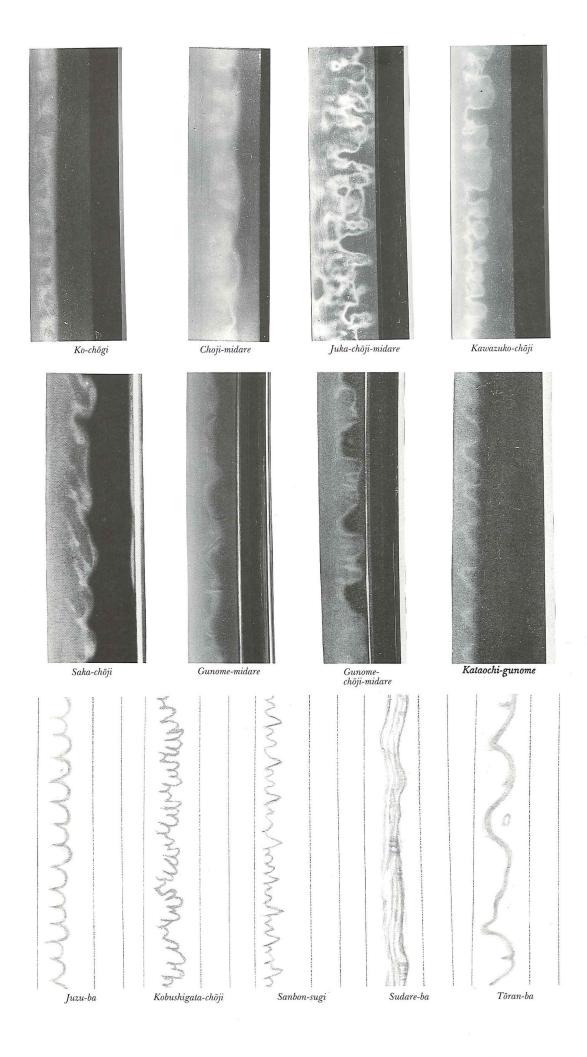
Notare



Ko-midare



Ō-midare



Other features of hamon:

Ashi: Thin lines of notch-like areas of martensitic structure projecting toward the cutting

edge traversely across the ha (generally in an otherwise straight temper line). 6.

Chōji-ashi: Large and chōji-shaped ashi.

Ko-ashi: Smaller or shorter ashi. 2.

Hotsure: Grain formation along the main hamon looking like frayed yarn. 54.

Inazuma: Fairly long curvy lines of nie looking like flashes of lightning.

Kinsuji: Curly, whitish, brightly radiant line in or along the main temper patterns, similar in

nature to chikei in the ji or to inazuma except in length. 4.

Koshi-ba: Complex temper pattern usually of chōji or gunome type on the area a few inches

above the notch at the base.

Mune-yaki: Tempered spots of lines on the back (mune). 30.

Nie: Iron carbides of relatively large size discernible without magnification. 1.

Ara-nie: Large coarse grain. 4.

*Ji-nie:* Nie lining the grain structure in the ji. 1.

Ko-nie: Nie relatively small in size.

Nie-deki: Hamon and ji-hada composed of nie.

Nioi: Extremely fine iron carbide giving a misty appearance to the jihada. 13.

Nioi-deki: The blade surface texture composed of fine nioi grains.

Nioi-fukai: Thick nioi formation of the hamon.

Nioi-guchi: The border between the ji and ha. 73.

Nioi-saeru: Bright and clear hamon in nioi structure.

Nioi-shimaru: Narrow or thin outline of hamon in nioi structure.

Nijū-ba: Double-lined hamon. 2.

Saiha Retempered or reproduced pattern on a blade whose original hamon was lost

(Yaki-naoshi): because of exposure to heat, as in fire; also called yakinaoshi. 11.

Sanjū-ba: Tripled-layered straight lines. 27.

Sunagashi: Grain formation looking like drifting lines made of sand. 2.

Tobi-yaki: Rounded isolated areas of martensitic steel present in the ji separated from the main

hamon. 4.

Uchinoke: Fine, line-like formation of nie in crescent or other irregular curvy lines, extending

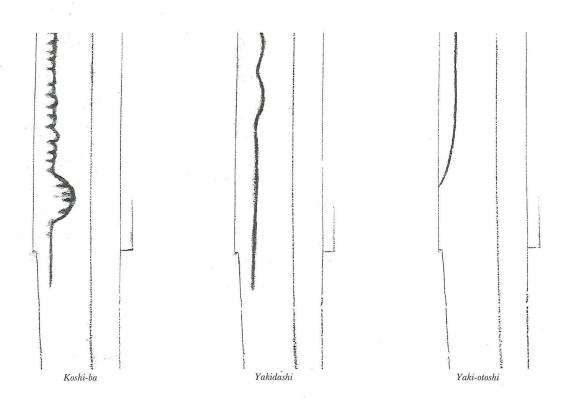
from the *hamon* toward the *ji*.

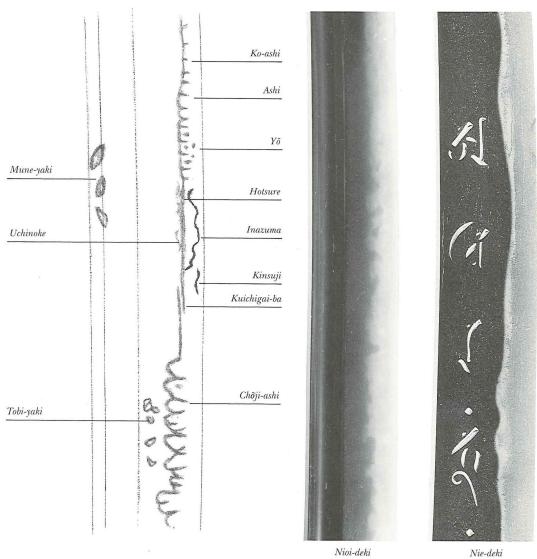
Yakidashi: Narrowed and straightened portion of hamon as it starts near the ha-machi. 59.

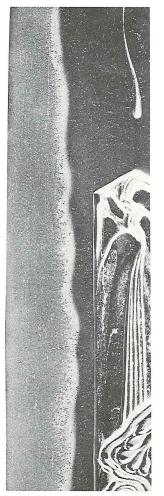
Yaki-otoshi: Hamon starting a short way above the ha-machi.

 $Y\bar{o}$ : Tiny, leaf-shaped grain formation detached from the *hamon* and projected toward

the edge. 13.













Sunagashi

15. Temper Patterns in the Point (Bōshi)

Hakikake: Multiple tempered lines like the tracings of a broom on the sand; similar to sunagashi

in the cutting section. 2.

*Ichimai*: Without *hamon* on the point because of the heat treatment affecting the whole area.

Jizō: Round head-shaped, like the profile of a Buddhist stone figure standing by the road

in the country ( $Jiz\bar{o}$ ). 44.

Kaen: Grain formation like flames of fire. 6.

Kaeri: "Turn-back" and part of the bōshi going down along the back. 3.

Kaeri-asai: Short turn-back.Kaeri-fukai: Long turn-back.

*Ko-maru:* Rounded in a small semicircle at the tip. 2.

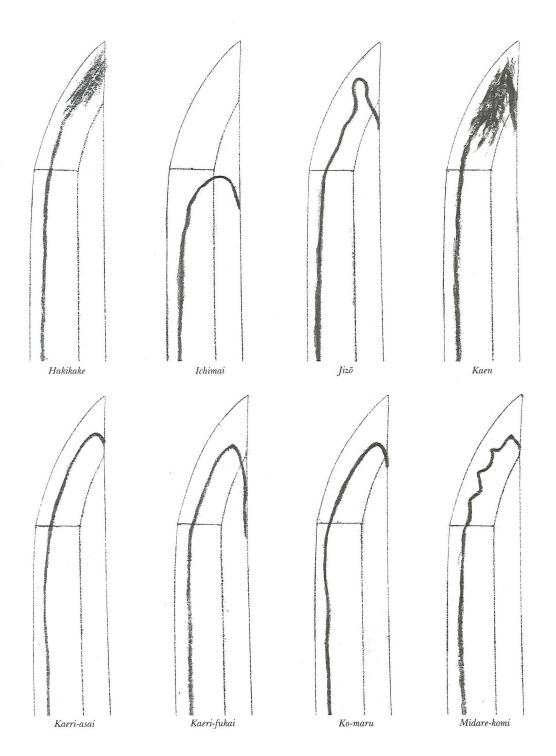
Midare-komi: Continuation of irregular pattern in the cutting section.

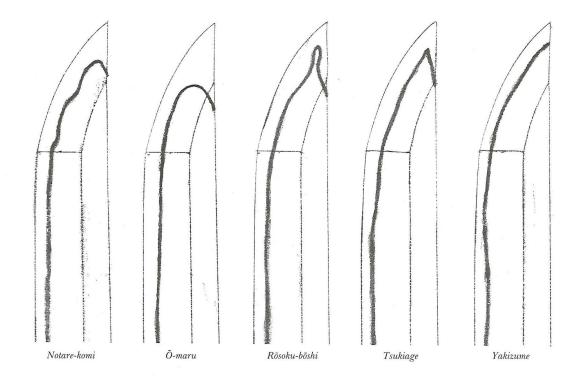
Notare-komi: Wavy curve continuing from the cutting section. 3.

*Ō-maru*: Rounded in a large semicircle at the tip.

*Rōsoku-bōshi:* Having a thin point looking like the wick of a lamp. 23.

Tsukiage: Sharply pointed with a turn-back. 23.
Yakizume: Stops at the back without a turn-back. 12.





16. Patterns of Steel Surface Texture (kitae, ji-gane or ji-hada)

Kitae (Ji-gane

Blade surface texture or grain formation produced by special

or Ji-hada):

forging involving repeated folding of the steel.

Ayasugi-hada:

Concentrically curved grain. 70.

Chirimen-hada:

A texture with an finely wrinkled appearance like that of

crepe silk.

Itame-hada:

Wood grain. 3.

Ko-itame:

Compact wood grain. 1.

 $\bar{O}$ -itame:

Large wood grain.

Konuka-hada:

Very fine, dense grain formation named after rice powder. 110.

Masame-hada:

Straight grain. 4.

Masake

(Masa-gokoro):

Partially straight grain mixed in itame.

Matsukawa-hada:

Steel surface texture containing abundant chikei to resemble pine tree bark; also

called Norishige-hada.

Mokume-hada:

Burl grain. 8.

Muji:

No steel texture present, but clear and plain like a mirror's shiny surface.

Nashiji-hada:

Pear-skin-like densely grained, uniform steel surface texture.

Ō-hada:

Large and loose grain structure. 45.

Other features of jihada:

Chikei:

Brightly shining, short, curvy lines present in the ji similar in nature to kinsuji in the

ha. 1.

Hada-datsu:

Grain structure in the ji giving the steel an appearance of having a rough and coarse

surface. 50.

Jifu:

Dark, shiny spots in the ji. 9.

Jinie:

Dense nie grains showing on the blade surface between the edge and the ridge. 1.

Sumi-hada:

Irregular dark areas of spots scattered in the ji; sometimes also called namazu-hada

(catfish skin). 53.

Utsuri:

A band of misty area running parallel to the *hamon*: literally, reflection.

Bō-utsuri:

Plain, straight utsuri. 23.

Midare-utsuri:

A misty reflection area resembling the irregular temper pattern (*midare-ba*) running

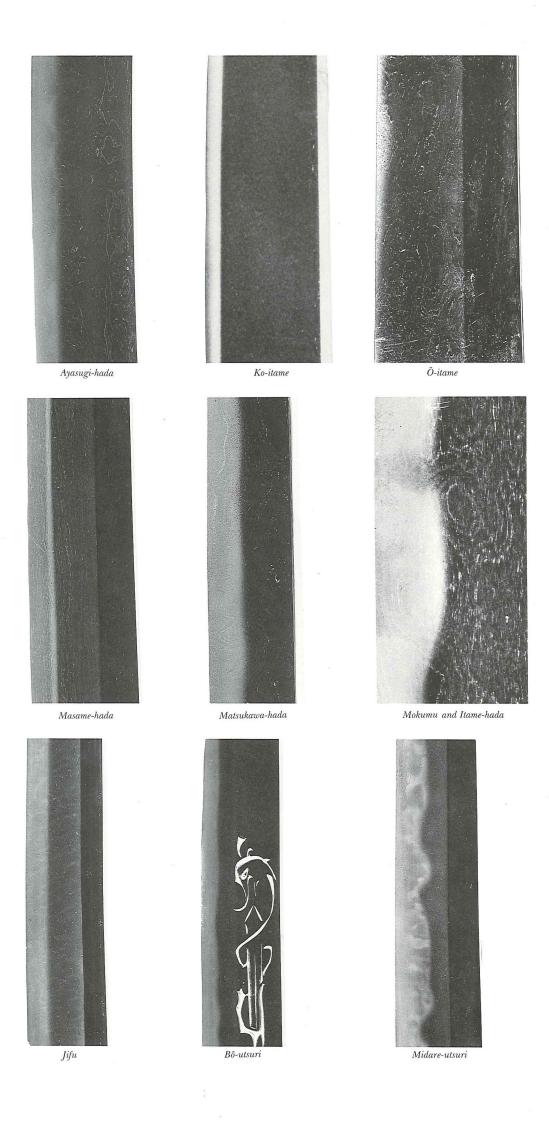
parallel to it. 7.

Shirake-utsuri:

Utsuri with a whitish luster.

Yubashiri:

Tempered spots or bands in the ji.



17. Engraving on the Japanese Sword (horimono)

Bonji: Sanskrit graphs symbolizing Buddhist figures.

 $Fud\bar{o}$ 

 $(Fud\bar{o}-My\bar{o}-\bar{o})$ : Figure in the Buddhist pantheon expressing anger against evil forces. 61.

*Hi:* Straight grooves in various lengths, widths, and endings.

Bō-hi: Long, straight, and relatively wide groove starting from the ko-shinogi reaching the

nakago. 28.

Soe-hi: A thin groove accompanying the main groove. 33.

 $B\bar{o}$ -hi-ni-soe-hi:  $B\bar{o}$ -hi with soe-hi.

Katana-hi

(Katana-bi): A straight groove carved in ridgeless short swords. 23.

Chiri: The area in the shinogi-ji not occupied by the groove.

Kata-chiri: Unengraved area only on one side of the groove.

Ryo-chiri: Unengraved area on both sides of the groove. Futasuji-hi: Two narrow, straight, parallel grooves. 79.

Goma-bashi: Two short parallel grooves engraved only on part of the blade.

Hi-saki-agaru: The hi going up as far as the ko-shinogi above the yokote.

Hi-saki-sagaru: A groove stopping short of yokote.

Kaki-nagashi: A groove going only part way below the mune-machi and stopping in a pointed shape

after tapering.

*Kaki-tōshi:* A groove going down through the full length of the tang.

Kaku-dome: A square-shaped bottom end of grooves stopping at about mune-machi. 43.Koshi-bi: Short grooves engraved only the part of the blade that is closer to the tang. 5.

Maru-dome: A rounded bottom end of grooves stopping above the notch. 51.

Naginata-hi A groove found on naginata and sometimes on wakizashi and tantō in kanmuri-otoshi

(Naginata-bi): structure; accompanied by a soe-hi. 43.

Kasane-bori: multiple carrings on the blade such as a combination of bonji, rendai, and suken.

*Kudari-ryū*: A dragon in a descending posture.

Shin-no-kudari-

ryū: A descending dragon in naturalistic representation. 52.

Kurikara: Engraving of a ken entwined by a dragon.

Gyō-no-kurikara: Semi-cursively depicted dragon entwined around a ken. 25.

Kaen-kurikara: A kurikara with a flaming point. 107.

Shin-no-kurikara: Naturalistic depiction of dragon etwined around a ken. 47. Sō-no-kurikara: Stylized depiction of dragon entwined around a ken. 48.

Sankozuka-ken: Ken with a three-pronged hilt.

Shin-go: Names of Shintoist gods.

Myō-go: Names of Buddhist gods.

*Ni-ō*: The two Deva Kings acting as guardian figures.

*Nobori-ryū*: A dragon in an ascending posture.

Rendai: Lotus-shaped figure.

Suken: Engraving of the shape of a ken alone. 25.

Tamaoi-ryū: A dragon chasing a sacred jewel.

Shin-no-

tamaoi-ryū: A jewel-chasing dragon in naturalistic representation. 96.





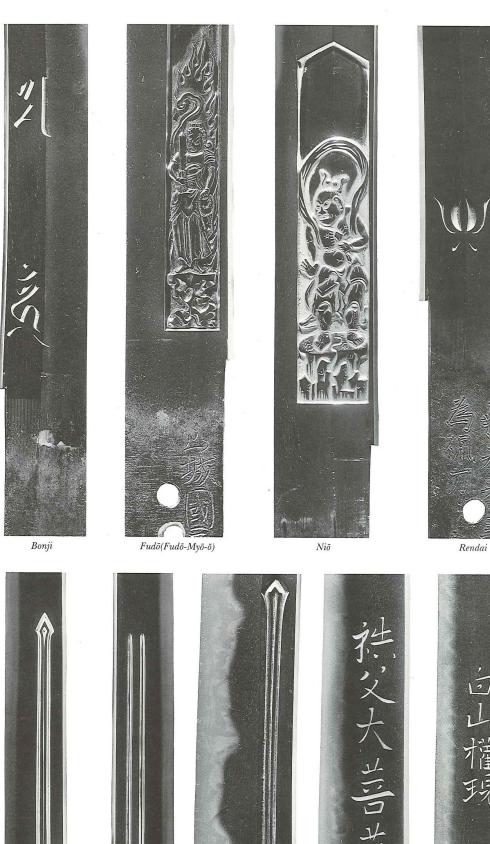




Kaku-dome



















Shin-go



Kasane-bori