# PRINCIPLES OF TIBETAN ART 

Illustrations and explanations of Buddhist iconography and iconometry according to the Karma Gardri School

by<br>GEGA LAMA<br>master painter of the Karma Gardri School

## VOLUME I

DARJEELING, W. B
INDIA


RABSEL DAWA








FOREWORD

This is book on the bodily proportions of acred figures, one of the branches of the manual arta, a division of the traditional teohnioal eciences which form one of the five main fields of knowledge. These illustrations are the work of the Lingtaang artist Gega Lama and they are authoritative, having as their ultimate sources the Sütras, Tantras and Practical Instructions. This first publication of these drawinge is an act of eervice to the Buddhist Doctrine, and it is certainly trustworthy. Therefore $I$ have written this foreword, in order that others may energetically study and thus carry on the tradition of artistic practice in an undeteriorated state, and so that they may have confidence in this book.

With prayers for the increase of excellent merit,


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Colophon
























In explaining artistic traditions, there are physical, verbal, and mental art forms to be considered: this book is concerned with physical media, particularly the graphic arts. It is also concerned with traditional standards, rather than improvisation; and with the finest expression of those traditional forms, not the more ordinary applications. For these reasons, a word on the sources used seems in order. The principal text used was Music to Delight a Clear Intellect (bLo.gsal.dgyes.pa'i.rol.mo); which synthesizes ideas found in the works of various masters - (the eighth Karmapa hierarch) Mikyo Dorje, the omniscient Buton (Rinchen Drup), Menla Dondrup of Mentang, the regent (of the fifth Dalai Lama,) Sangyay Gyatso, and Trengkawa Lodry Zangpo. These masters elaborated on earlier sources, sūtras and tantras such as the Kalacakratantra (dPal.dus.kyi. 'khor.lo'1.rgyud), the Mahāsamvarodayatantrarāja (dPal.sdom. par. 'byung.ba'1.rgyud), the (?) Kallayamatantra (gSin.rje.nag.po'i.rgyud), and the Säriputrapariprcchāsūtra (Sa.ri'1.bus.zhus.pa'1.mdo). Additional sources for this book were the texts Beautiful Ornaments of the Arts (bZo.ria.mdses.pa'i. kha.rgyan) by Lobzang Damch४ Gyatso, and Radiant Sun (Rab.asal.fiz.ma) by Mipam Choklay Namgyal. The oral instructions of my teachers, and my own experience, influenced my writing of this book as well. Although the actual text may differ slightly from the old manuals, I see no contradiction but only harmony with the spirit of the tradition: there is no confusion or distortion in what is presented here.

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Springwater, snowmelt, mountain stremms - different, yet
All come from the ocean and flow back to the ocean:
Likewise, distinct traditions of knowledge deriving from
                                    Indian and Tibetan masters.
Arise from the tantras and harmonize with the spirit of
                                    the tantras.
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A word on the system of datind used in this book: there are numerous different systems put forth by scholars; that adopted here for datina the buddhist era (B.E.) from the year of the Buddha's parinirvāna follows the widely-accepted method of the Theravada school of Sri Lanka. This agrees with the system expounded by the great scholar of Kashmir (Kha.che.paṇ.chen SJkyasri), and is the same view as that expressed by the former hierarch of the Kagyu school, the fourteenth Karmapa (Theg.mchog.rdo.rje, 1798-1868). For example, in the calendar currently in use among Tibetans, the length of time from the year of the Teacher's passing until the end of the present and sixteenth actual cycle of sixty years would comprise a total of forty-two such cycles, hypothetically, with a surplus of ten years. Supposing the first of these cycles had begun with
the fire hare year eleven years after the Teacher's passing (accountind for the ten-year surplus), the iron bird year of the ninth cycle would correspond to the year of the passing of Jesus Christ; the fire ox year of the twentieth cycle, to the birth of Songtsen Gampo, the thirty-third king of the Tibetan royal dynasty; and the fire hare year of the twenty-seventh cycle, to the start of the first sixty-year cycle in the calendar actually in use nowadays.

Noble character lies in the illumination of the depths of one's experience;
Skilful transmission, in the continuing legacy of precise intelligence:

With none of these qualities, I am an insignificant product of my times,
Merely a follower in another's footsteps.

Gega Lama.











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 दोबारो"₹









## INTRODUCTION

It is customary for an author to introduce a book with some background material. I was born in the iron sheep year of the sixteenth sixty-year cycle of the Tinetan calendar, that is in 1931, in the small village of Rinchen Ling, in the upper district of Lingkar in eastern Tibet, to the east of the birthplace of Lingjay Singchen (an epithet of the semi-legendary King Gesar). At the age of eight I first studied Tibetan calligraphy with one Lama Drontsay. At eleven years of age I entered the monastery of Chbkor Namgyal Ling (Chos.'khor.rnam.rgyal.glin) at Tshabtsha, where I studied Budihist doctrine, and dance, painting, and music. My first actual lessons in painting I took from the artist Chbkyong when I was sixteen: although I was immediately and intensely drawn to this medium, I was unable to complete my studies at Tshabtsha, and so I sought out the artist Tangla Tsewang, who was greatly respected by the last Situ Rinpoche, Payma Wangchak Gyalpo (1886-1952). Studying design and proportion and absorbinq his personal instructions, I became an artist in my own right by the age of twenty-two. In 1956, Jamgon Payma Drimay (a hiahly-respected lama of that area) foresaw the coming oppression and persecution by the communist forces of those who would not flee to India or ao into hiding, and acting on his advice I went into hidinc. In 1959, when I came to India, I was forced to leave behind my books, offering utensils, images, and so forth, together with most of my painting manuals and diagrams, and was only able to carry a small portion of my possessions. Not realizing at that time whether or not there was a need for these traditions in India, I put aside my efforts due to my lack of confidence, until the buddhist teachinas began to wax like the moon as interest in them spread throughout the countries of the world. This demonstrated to me the continuing need for these systems of learning, and I searched to locate the necessary manuals and diagrams. In 1965 I studied with the artisan Damch, learning the art of casting images, vajras, bells, and so forth in bell-metal and bronze. While engaged in these pursuits of painting and sculpture, I was approached by many people from different backgrounds for instruction, and had also committed myself to providing several of my own students with complete diagrams. For these reasons, I began compiling this book in 1979, the earth sheep year of the sixteenth cycle. In 1981, the task of translating the manuscript into English was undertaken by Karma Chbchi Nyima (Richard Barron), a Canadian student of Buddhism, and the original Tibetan text was edited by the venerable Khenpo Lodro Donyod. The printing of the book was arranged by my student, J. Singe Lama of Darjeeling, with the assistance of Sherab Gyaltsen of Gangtok, Sikkim.

I wish to express my sincere thanks to all those whose efforts have made possible the realization of this project, and I fervently hope that this work will benefit all who are inspired by the artistic traditions of Tibet.

In the realm of space which is unhorn, unohstructed mind
Forms arise through the dynamic play of creativity:
Though these may come and go with the passage of time, To join in the artistic dance is magic unceasing!

Geqa Lama
Darjeeling
India.
September, 1981.








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देव मझ सुल



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## DEDICATION

Teacher of gods and men, excellent guide for all beings through the sixty harmonious qualities of speech;

Viłva(karma)*, Mañjughosa in actuality, eliminating the darkness of stupidity with the radiance of visdom;

Saräsvati, joy ful by nature, bestowing the wealth of knowledge in mundane and transcendent endeavour:
place your hands on my head like a crown (in benediction), and guide me until my enlightenment!

The three emanation of (Deva, Naga, Wrathful Yaksa) in India,
(The princess) Tsoyi Padmo of China;
The three Tashis of Tibet, the Land of Snows:
I revere you all, who developed the great artistic traditions.

Rinchen Drak (Precious Cliff) in Tibet is identical with Tsaritra (a place sacred to Cakrasamvara on the Indo-Tibetan border), though a separate location; sacred to (Vajra)yogini and her heruka consort:

On its slope dwelt the teacher Tanglha Tsewang, who bestowed inspiration upon artists, graciously imparting his knowledge;

Remembering his kindness, I am moved vith faith.

Since the Land of Snows has sunk into the twilit gloom of barbarism, The sun of the buddha's doctrine has set behind the western mountains to ahine again in the holy country (of India);

And $I$, with my pure motivation, a firefly spreading my tiny wings,
Am fortunate to have crossed the vast abyss and to have the sun of the Victorious one's doctrine shining on me still.

As it happens, I am not a master artist, nor even an accomplished minor artisan,

But one stupid and ignoble; one such as $I$ has no right to compose treatises on the arts:

- Vifvakarma is the patron of buddhist artists, an emanation of the white form of the bodhisattva Mañjnéri, who gave the artistic traditions to the world.

Nevertheless, taking as m witnesses those past masters who elucidated the import of the sütras and tantras,
and embellishing my account with oral instuctions I have received through the kindness of my teachers in the past,

I have put together this book, The Noble Vase of Riches, which has seven chapters:

The origins of the buddhist arts in India and Tibet, the qualities of artist and patron,

The criteria determining quality in art, three chapters on the actual proportions of the religious symbols,

And a classification of ornaments, gestures, and garments.

## CHAPTER ONE <br> The Origins of the Graphic Arts

There are two lines of development to be discussed, Indian and Tibetan. Firstly, when in this universe the lifespan of human beings was in decline from its original length of one hundred thousand years, there appeared a king named Jiktul ('Jigs.thul, 'he who has conguered fear'). When one of his suhjects, a brahmin boy, died the father approached the king with the supplication, "It is due to your not ruling this kingdom in accordance with the dharma that my son has met with this untimely death." The king went forthwith from the brahmin to Yama, the lord of the dead, in whose awesome and blazing presence he rendered hornage and demanded, "Please give me back the life of this brahmin's son." The lord of death replied, "It was not my doing (that caused his death), but the exhaustion of his own karma." With the king insisting, "Give him over!" and the lord of death replying, "It is not fitting to do so," they quarrelled to the point of blows. Thereupon, the god Brahma appeared, saying, "When an individual's karma is exhausted, no blame can be attached to the lord of death. However, draw me a likeness of this brahmin youth!" The king drew an exact likeness of the boy, which Brahma blessed, causing it to come to life and sending (the thus-resurrected boy) back to his father the brahmin. The king and the lord of death were dumhfounded and awestruck. Henceforth, the king was given the title of "the first artist"; at one point, he visited the realm of the Brahma gods to request instruction in the graphic arts. The ruler of the Brahma qods and Viśvakarma both impressed upon him the importance of these arts with the words, "Most excellent of mountains is Sumeru; foremost among the egg-born is the eagle; supreme among men is the emperor; likewise, foremost among skills are the graphic arts"; and, " 0 king , in this way all other skills and crafts depend upon the artist's." They based (their presentation of) correct proportion mainly upon the ideal form of a universal monarch, and set forth the faults of lack of proportion and the benefits and merits of correct proportion, and so on. The science of arts and crafts developed from this, with the first human proponent being King Jiktul.

Even before the Buddha appeared, this tradition had given rise to styles of painting and drawing, sublime ways of depicting experiences and impressions of the inanimate and animate universe. From the time of the teacher Munindra (Salkyamuni Buddha), the example of his deeds provided inspiration for a higher purpose: to symbolize his physical, verbal, and mental being in both paintings and sculptures. For example, when the teacher Munindra was born in the Lumbini grove, his father King Suddhodana erected a stūpa in a style known as "heaped lotuses". This was the first symbol or receptacle (Tib. rten) based upon the Buddha's inspiration: others were created gradually (throughout his life), up until the stupa known as the "octagonal style" erected by King Bimbisara and others (to enshrine the Buddha's relics).

As far as representations of the form (of the Buddha), these are of two


#### Abstract

kinds: paintings and sculptures. The painted image had its origin in the country of Magadha in central India (modern Bihar). Two kings of Magadha, Bimbisāra and Utrayana, were in the habit of exchanging presents. At one point, in response to King Utrayana's presentation of a priceless gem mounted among smaller stones, King Bimbisära conceived the idea of presenting his ally with a painted portrait of their teacher, Lord Buddha. But the artist was so overwhelmed by the splendour of the Buddha that he could not draw when looking at him directly. When the situation was presented to the Buddha, he said, "Let, us go together to the bank of a clear and limpid pool"; whereupon the Buddha sat himself by the bank of the pool, while the artist sketched his drawing based upon the reflection on the water's surface, surrounding the central figure with, designs symbolizing the twelve nidanas (links of interdependent causality). When Utrayana merely glanced at this portrait for the first time, he had an intuitive understanding of reality. This particular style became known as "the image of the Sage taken from (a reflection in) water" (thub.pa.chu.len.ma).

Another story concerns a time when the Blessed One was teaching in the city of Kapilavastu. One king, of the time was Mahānama, whose queen had a maidservant named Rohita, whom she dispatched to the Buddha with an offering of a necklace of jewels. On the road the maid was waylaid and killed by a cowherd girl: due to her faith in the Buddha, Rohita immediately took rebirth, being conceived in the womb of the queen of the Sri Lankan king. There was a shower of pearls at the birth of the child, who was therefore named Pearl Throne (Mu.tig.khri.siṇ). When the princess was a young girl, she heard of the deeds of the Buddha and was moved to faith, and so she sent him an offering of three measures of pearls and a letter. In reply, the Teacher sent back a portrait of himself surrounded by a halo of light, drum by an artist on a canvas: upon seeing this, the princess had a profound experience. This style became known as "the radiant Sage" (thub.pa.'od.zer.ma).

These two stories represent the origins of painted images: a discussion follows which describes the minor variations in these explanations.

The art of buddhist sculpture began with Anathapindika (a wealthy patron), who one day invited the Buddha and his monks to a noonday meal. When he noticed that the Buddha had declined the invitation and was not leading the assembly, he asked the Teacher for permission to have erected a statue made of precious substances, complete in every detail: this became known as "the precious Teacher" (rin.chen.ston, pa). - When the Blessed One had departed for the Trāyastrimsa heaven (to instruct the reembodiment of his mother), the king of Varanasi had made a sandalwood image of the Buddha for his personal devotions. It is said that when the Buddha descended aqain to the human realm from the gods' sphere, this statue took six steps in welcome: whereupon the Blessed One ordered it, "Go to China to sanctify that country!" This statue, known as "the Sandalwood Lord" (tsan.dan.jo.bo), is supposed to have then flown through the air to China.

These two incidents mark the origins of sculpturing buddhist images. Even in China, styles of painting and sculpture developed based upon these models.


Later in his iffe, the Blessed One himself gave permission for images to be made of his likeness, in order to guide holders of extreme views. Rahula (the Buddha's son and one of his disciples) fashioned a statue of the Buddha Sakyamuni's sambhogakāya form, Vairocana (known in Tibetan as 'rnam.snañ.gañs. chen.mtsho'), made form many precious jewels from the naga realm: this image is said to reside in the outer ocean.

At another point, Sãkra, the lord of the Trãyastrimsa gods, was preparing to erect a statue of the Teacher in precious metals and jewels, but Visvakarma (the celestial artisan) was unable to determine correctly the measure of the Teacher's foot; thinking of the Buddha and praying to him, he arrived in the Teacher's presence. Together with a number of divine artisans, he then fashioned several imaqes of the Buddha at various stages of his life - at eight, twelve, and twenty-five years of age. The Teacher himself blessed these statues by bathing them in his radiance. The statue of him at age twenty-five was taken to the gods' realm, that of him at age twelve to China, and that of him at age eight to Nepal. They remained in those places for many years, after which the latter two were brought to Tibet (by the Chinese and Nepalese queens of King Songtsen Gampo) and enshrined in the temples of Rasa and Ramoche (in Lhasa).

After the parinirvana of the Teacher, there were few exceptional artisans among ordinary human beings, so many divine artisans emanated as humans. In the city of Magadha, there appeared three brabmin brothers: the eldest, named Gyalwa (rGyal.ba, Skt. Jina, "Victor"), erected a temple and an image fashioned of precious stones at Sarnath, near Varanasi, where the Buddha first taught; the middle brother, Lekgyal (Legs.rgyal, Skt. Sadhujina, "Excellent Victor") erected a temple and an image of the Teacher, made of earth from the eight great holy places of Buddhism, at the Bamboo Grove (Venuvana) in Rajagrha (modern Rajgir in Bihar); and the youngect, the brahmin Gaywa (dGe.ba, Skt. Kusala, "Virtue"), erected an image of the Teacher at the moment of his attainment of supreme enlightenment, in the sanctuary at Bodh Gaya. From the time of these three hrothers, traditions of buddhist painting, sculpture, and temple design became widespread, and buddhist patrons commissioned many statues and structures. All of this activity took place within one hundred yoars of the Teacher's parinirvāna. During the reign of the buddhist king ' Asoka, many artisans who were nagas (serpent gods) or yakșas (non-human troll-like creatures), that is, of non-human or semi-divine origin, developed innovative styles in the forms of statues and stupas': these were represented by the statues and structures at Bodh Gaya, and the stupas erected at major buddhist holy places.

In later times, during the reign of King Sancyay Chok (Sans.rgyas.phyogs, Skt. ?Buddhadik), an artisan named Bimbasära introduced marvelous styles of sculpture and painting which were reminiscent of those of earlier "divine" artists. His numerous followers became known as the "lineage of divine artists"., and he himself, having been born in Magadha, was called "the artist from the central country".

Again, during the reign of a King Ngangtsul (Nan.tshul) appeared an artist from the region of Maru, known as Trengdzin (Phren.'dzin, Skt. ?Maladhara), who was incredibly skilled in buddhist iconographic art. His style of painting and sculpture, which resembled that of the yakṣa artists, became known as the "western style" or the "heart of the west".

During the reigns of Kings Devapala and Sridharmapala an artist from the region of Varentra named Dheman and his son, Vitsali, appeared. These two developed numerous styles in casting, relief work, and sculpture, which bore resemblance to the styles of naga artists. Father and son established two distinct styles of artistic expression, the son establishing himself in Bengal: their followers created works of art throughout India, but the style became known as that of the "god of the east" (i.e. the son in Bengal), regardless of the artisan's origins. In painting, the father's school became identified as the "eastern school", and the son's as the "central school" (since his followers were located in Magadha). In the lineages of Pukon and southern India, three artists - Gyalwa (rGyal.ba, Skt. Jina), Shenlay Gyalwa (gZhan.las.rgyal.ba, Skt. Paranjaya), and Nampar Gyalwa (rNam.par.rgyal.ba, Skt. Vijaya) - developed styles of paintina and sculpture which were widely imitated.

The influence of the western painting style (of Trengdzin) was much felt in Nepal, where there developed an actual Nepalese style of painting, and a mixed Indo-Nepalese style.

Althouqh most latter-day castings resemble the eastern style (of Dheman and Vitsali), these eventually became impossible to assign to a given school. Nowadays, although one sees paintings in the Indo-Nepalese and TibetoNepalese styles, the true Nepalese style seems very rare.

The western style of painting also became widespread in Kashmir; there, a new style that became knowm as the "Kashmiri school" was developed by a King Hasu, using elements from both the central and the western styles.

The development of painting in Tibet took two forms, Gadri (sGar.bris) and Menri (sMan.bris). The former has its origins in the Chinese schools of painting, the latter in the Nepalese.

First came the Chinese influences in the graphic arts. Songtsen Gampo (Srong.btsan.sgam.po), the religious king of the Land of Snows during the early seventh century A.D., was an accomplished innovator in many fields: realizing the necessity of taking the Chinese princess Kongjo as his queen in order to facilitate the introduction of Buddhism into Tibet, he employed various means to arrange the union. When she was escorted to Tibet, in advance were brought a statue of Lord Sakyamuni Buddha and other very sacred images, as well as medical texts as a kind of introduction of buddhist doctrine. There are numerous references to this in the dynastic records and the royal biography of Songtsen Gampo:

Together with texts of eighteen sciences such as Porthang (astrological texts) and so on,
and

> Sixty artistic works and so forth,
and
From China and Minyak (on the Sino-Tibetan border)
in the east
Were brought artistic and astrological works.
In any event, the Chinese princess (known in Tibetan as) Tsoyi Padmo, who was considered an emanation of the noble Tära, had the foresight to realize the necessity and benefit for Tibet of hringing the traditions of Chinese art in general, and buddhist art in particular. These latter traditions began with the erection of the Sai-wai-qSi temple one hundred and ten years after the parinirvana of the Buddha. It appears that many skilled Chinese artists accompanied her on her journey, as evidenced by the carving in stone of the extensive Prajñāparāmitasūtra in one hundred thnusand verses, and the Āryabhadrācaryapraṇidhanarāja (a pópular mahāyana prayer of aspiration) at Dema (lDe.ma) cliff; and by the eighty-cubit statue of Maitreya Bodhisattva erected at Jadur Langna (Bya.dur.glan.sna). In addition, on the upper ridge of Dsekok (mDses.khog), not far from my own birthplace, three relief carvings of buddhas, each about a cubit in height, were discovered in 1944, a small fissure having cracked open from rainfall erosion to reveal the rock face. When these were examined by experts, it was possible to identify them as an example of the various religious objects which this Chinese princess had placed in each of the various districts through which she passed: I myself have seen these statues. Although these represent the earliest traditions of buddhist art in Tibet, these traditions were not widespread, due to the Chinese princess having to spend much time travelling around (with no time for long-term projects), and due to the lack of previous indigenous traditions of buddhist art (on which to build).

Moreover, there are many stories which support this theory: of the princess having erected many edifices on her travels; of her progress having been held up by the machinations of the minister Gar (mGar); and of her custom of erecting, a monument in each district through which she passed. These would, however, take too much space to relate here. The point is that the princess Kongjo herself was the one initially to introduce buddhist artistic traditions to Tibet. She first entered Tibetan territory in the year 1184 B.E., i.e. 641 A.D. She then used a divination method to determine the site for building of temples such as that of Tradruk (Phra.'brug) and initiated the construction. The traditions of painting and sculpture which she encouraged spread widely throughout central and eastern Tibet.

The Nepalese influences were introduced during the reign of King Triral (Khri.ral.pa.can), who was born in 1410 B.E., or 866 A.D. During the early part of his life, when the temple of Tashi Gaypel (bKra.sis.dge.'phel) was being built, he summoned many Nepalese artisans and put them to work constructing the temple. Due to this influence, the Nepalese style developed in central and western Tibet.

One thousand eight hundred and eighty-nine years after the Buddha's parinirvana, or in 1345 A.D., the terton (gter.ston, a revealer of teachings concealed by Padmasambhava or one of his close disciples) Orgyen Lingpa (O.rgyan.glin.pa) revealed some texts explaining graphic design from their place of concealment at Crystal Cliff (Sel.brag) in Yarlung (Yar.kluns, in the valley of the Tsangpo (Brahmaputra) river in southern Tibet). However, this tradition developed very little, was absorbed into the two earlier traditions (of Chinese and Nepalese styles), and never emerged as a distinct style in its own right. A teacher named Taktsang Lotsawa (sTag.tshanं.lo.tsa.ba) made a pilgrimage to Bodh Gaya, where he made a print of the central statue there by soaking it with saffron water and pressing cioth over the surface: it is said that his miraculous powers caused this cloth print to extend its hands in blessing to those who viewed it. This print was used as an example for Tibetan artists, but this style became mixed with the Gadri and Menri schools.

In 1440 A.D., one thousand nine hundred and eighty-four years after the Buddha's parinirvāna, Menla Dondrup (sMan. Iha.don.grub) was born in Lhodrak Mentang (Lho.brag.sman.than, in southern Tibet); a very learned individual, he left his homeland due to differences with his wife and went to Tsang province (south-central Tibet). There he met an artist named Dhopa Tashi Gyatso (Dho. pa bKra.Sis.rgya.mtsho) who was an expert in the Nepalese style. After studying painting with him, Menla Dondrup revised the standards of proportion for the various religious motifs, composition and design, and developed new pigments and texture techniques: this new style he developed and spread was called "Menri", or the "style of Men" (sMan.bris), either after his name, Menla, or after his place of origin, Mentang. Some refer to his as the "southern style" (Lho.bris), since Mentang was a district of Lhodrak in southern Tibet; they assign the name on the basis of which major region of Tlbet was the source of the tradition. The most commonly accepted designation, thouqh, is Menri. It appears that this style was carried on by Menla Dondrup's son, Jamyang ('Jam. dbyans), and his nephew, Shiwa 8 (Zhi.ba.'od). At about the same time, Khyentse Chenmo (mKhyen.brtse.chen.mo), who was born in Gangkar Gangty (Gans. dkar.sgan.stod), developed a style which digressed from previous artistic traditions. These two styles, Menri and Khyenri (mKhyen.bris), became distinct traditions. In 2189 B.E., that is in 1645 A.D., the incarnate master chbying Gyatso (Chos.dbyins.rgya.mtsho) was born in the province of Tsang in south central Tibet. His style became based on the Menri, with innovations in style, pigment, and texture, so that the school which developed was given the name of "Mensar", or the "new Men(ri)" (sMan.gsar); it is also called the "Tsang style" after his birthplace. This style became very popular in western Tibet.

The incarnate artist Namka Tashi (Nam.mkha'.bkra.Sis) was born in upper Yarlung in 2044 B.E., or 1500 A.D. In accordance with the prophecy of the eighth Karmapa hierarch Miky Dorje (M1.bskyod.rdo.rje, 1507-1554) that this person was his emanation who would extend his (the Karmapa's) influence, Namka Tashi studied with Konchok Penday (dKon.mchog. phen.bde), who was himself
considered an emanation of the Chinese princess Kongjo; from Kbnchok Penday, he learned the strict proportions as laid down by the Sharli (Sar.11, the "eastern casting method") of India. He was also instructed by the fifth Shamarpa hierarch, K8nchok Yenlak (dKon.mchog.yan.lag, 1525-1583), and the fourth Gyaltsap Rinpoche Drakpa Dondrup (Grags.pa.don.grub, 1550-1617), to paint in a distinctive style. This style was to be based upon numerous examples: the Chinese scroll-painting offered to the fifth Karmapa hierarch Deshin Shekpa (De.bzhin.gsegs.pa, 1384-1415) by the Ming emperor Yung Lo of China; the masks drawn by a crowd of artisans. witness to the miracle when Rangjung Dorje (Ran.byuṇ.rdo.rje, the third Karmapa hierarch, 1284-1339) showed his face in the full moon to the emperor - which masks are called "dashelma" (zla.zhal.ma, "the face in the moon"); and a Chinese tanka or scroll painting called "Yerwa Rawama" depicting the sixteen arhats of early buddhist tradition. Furthermore, they directed, this style was to incorporate elements from three countries: the forms to be in accordance with the Indian standards, the colouring and textures to be by the Chinese method, and the comoosition to be in the Tibetan manner. The artistic tradition which Namka Tashi thus established based upon these instructions became known as the "Karma Gadr1" (Karma.sgar.bris), or the "camp style of the Karma (Kagyu school)". The word "camp" (sgar) in the name refers to the custom of the early Karmapa hierarchs, particularly the seventh Chठdrak Gyatso (Chos.grags.rgya.mtsho, 1454-1506), of taking retinues of hundreds of people and travelling from place to place with supplies and baggage lóaded on horses and mules. At resting points camps of felt tents were used as lodgings; due to the size of these tents, the temporary settlements were referred to as the "huge religious encampments of the Karma(pa)", or the "huge camp which adorns the world". The customs and traditions which developed from this became the so-called "camp culture", and in particular the painting was known as the "camp style".

At a certain point, an artist Che Tashi (Chos.bkra.sis) appeared who followed this Gadri style and spread it widely. Later on, another who propagated the virtues and distinct elements of the Gadri school was Kasho Karma Tashi (Ka.sod.Karma.bkra.sis). These then, in brief, are the "three Tashis", who extensively developed the Gadri traditions, which have lasted until the present day. The three emanations of (the bodhisattvas of the three) families in central India; the three Jinas (i.e., Gyalwa, Shenlay Gyalwa, and Nampar Gyalwa) of southern India; and the three Tashis of the Land of Snows: the contributions of these nine incarnate master artisans to the develooment of buddhist art is incalculable.

Dakpo Rabjam Tenpay Gyaltsen (Dvags.po.rab.'byams.pa bsTan.pa'i.rgyal. mtshan) was a learned and accomplished master from Nyak Nyilung (Ñag.ñi.klun); his skill at the proportions of the three kinds of religious symbols - statues and images and so forth - was consummate. The artistic lineage founded by this artist merged with the tradition of Namka Tashi, and so became indistinguishable from the Gadri school and was never a distinct tradition.

Still later, there appeared an artist skilled in the Gadri style, possessed of an incomparable intellect, who was reputed to be an emanation of the eighth Karmapa (Miky Dorje), and who was known variously as Karma Sidral (Karma.srid.bral) and Gamnybn (sGam. smyon). Although he and many other artists such as Karma Rinchen developed a second Gadri style, this tradition is no longer extant.

The tenth Karmapa, Chbying Dorje (Chos.dbyins.rdo.rje, 1604-1674), was born in 2148 B.E. During the early part of his life, he studied all the available techniques of the Menri style from Lhodrak Tulku Tsering (Lho.brag. sprul.sku.tshe.rin); while later in his life he established an insurpassable style in Tibet, having also incorporated elements of painting and sculpture from the Chinese scroll-painting and Gadri styles. The later painting technique which emerged from the genius of the omniscient Tsuklak Chykyi Nangwa (gTsug.lag.chos.kyi.snaṇ.ba), and which was not in fact different from that of the three Tashis, was truly marvellous, like some magical vision which defied conventional definition. This particularly exalted tradition was widespread in the eastern Tibetan regions of Nangchen and Derge (sDe.dge). Particularly in the regions of Karmay Gonchen (Karma'1.dgon.chen, one of the principal monasteries of the Kagyu school in eastern Tibet) and Chamdo, there were many skilled statue-makers and painters called "Karsh8" (Kar.sod); these were, for the most part, proponents of the Gadri style.

My own teacher, Tangla Tsewang (Than.lha.tshe.dban), was born in the region of Arap in Derge Palyul (sDe.dge.dpal.yul) in eastern Tibet in the year 2446 B.E. or 1902 A.D. Gifted from an early age, he was artistically inclined and studied many artistic media such as painting and sculpture under two accomplished Gadri masters, Wari Lama Lodry (Wag.ri bLa.ma.blo.gros). who excelled at drawing, and Payma Rabten (Pad.ma.rab.brtan), a holder of the Karshy lineage who excelled In colouring. Beginning with this extensive training in the arts, he spent his entire life in ceaseless creative activity. The previous Situ Rinpoché, Payma Wangchak Gyalpo (Pad.ma.dban.phyag.rgyal.po), conferred the honour on Tangla Tsewang of remarking that his paintings were so good as to be fit to be installed on shrines even without being formally consecrated. Whoever viewed his work, whether they were discerning persons or not, found the forms illuminating. Because his work was completely in accord with the import of the sutras and tantras, it was accepted as authentic by all.

The arts of sculpture and casting developed in several phases. During the reign of King Songtsen Gampo, the temple of Rasa Trulnang (Ra.șa.'phrul. snan, in Lhasa) and the images of Tradruk (Phra.'brug) were constructed in 1186 B.E. (i.e. $5 \overline{4}$ ? A.D.) as the earliest evidence. Images dating from this period were executed by Indian and Nepalese artisaris, and some are of natural origin. In 1354 B.E. ( 810 A.D.) of King Trisong Detsan (Khri.sron.lde'u. btsan)'s reign, Guru Padmasambhava came to Tibet from India and oversaw the construction of Mingyur Lhunayidrupa temple (Mi.'gyur.lhun.gyis.grub.pa'i. gtsug.lag.khan) at Samye (bSam.yas, the first monastic centre in Tibet); and during Tri Ralpachen (Khri.ral.pa.can)'s reign, the temple of Tashi Gaypel
was constructed. On both these occasions many Nepalese artists were summoned to work on the projects, and from their influence sprang the traditions of sculpting in clay mixed with medicinal herbs, and casting in such precious metals as bell-metal (11) and copper. Two later developers of these arts were the incarnate craftsman Leuchungpa (sLe ${ }^{\top} u . c h u \dot{n}^{\circ} \mathrm{pa}$ ) and Payma Kharpa (Pad.ma.'khar.pa); and in 1700 A.D., the "Deaf Mute of $E^{\prime \prime}$ (E.pa.lkugs.pa) and the incarnate artist Baptro (Bab.khro), both considered to be divinely inspired, encouraged a style which employed the traditional forms of India. In these arts of sculpture and casting, there is no difference between the styles of Gadr1 and Menr1.

Techniques of bas-relief carvinas in stone and wood, tapestries, and embroidery all were derived from existing Chinese traditions; but tapestry work never became widespread in Tibet.

The flower garlands of legends of holy ones of old Are necklaces to adorn the throats of youthful followers: Devotees dance and sing enchantinaly On the stage of the blooming lotus grove of the Sage's doctrine.















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CHAPTER TNO
The Qualities of Artist and Patron
Firstly, there are aspects to an artist's character which may be shortcomings or strong points. An example of the former is to engage in art, whether for one's own or another's benefit, by haughtily presuming oneself to be an artist even though one is ignorant of drawing technique, proportion, and canonical descriptions of the divinities one is portraying. It is likewise reprehensible to deceive others with all kinds of misguided hyperbole which contradicts the spirit of the traditional scriptures and the wisdom of the lineage; to present as authentic anythinq which has no basis in artistic or religious tradition, ancient or modern; or to pass judgement on a work of art with no knowledge of its origins or the artist's qualifications. It is also blameworthy for an artist to be at odds with his patrons, or to exploit a good relationship with them in order to secure personal gain. Any of the following traits are considered shortcomings in an artist's character: being harsh-spoken of taciturn; coveting others' wealth, demanding remuneration and charging exorbitant fees, even to the point of stealing out of insatiable greed; partaking indiscriminately of unconsecrated meat and alcohol; being oversensitive and demanding regarding one's working conditions, or working hastily and without due care; being quick to anger at the slightest provocation; or being overtalkative and profane. One must have respect for the divinities one portrays, and not treat the subject matter casually or with contempt; and one should not be sloppy by failing to correct any mistakes or omissions of which one is aware, nor neglectful by allowing one model to apply everywhere due to one's lack of discrimination between subject material of higher and lower tantras. Even someone who is an artist in name only must strenuously avoid such faults. An artist who has such flaws in his character cannot develop his creative talent. As is stated in the Discourse Requested by Paljor Gyatso (dPal. 'byor.rgya.mtshos.zhus.pa'1.mdo):
The profane and garrulous turn good acts into evil ones: An artist shuns such flawed personalities.
Regarding an artist's worthy qualities, these are to be skilled in drawing; to be well-versed in correct proportion; to maintain properly the Iineage of artistic transmission and technique; to discriminate between subject matter of higher and lower tantras, and to understand the distinguishing characteristics of peaceful and wrathful divinities; and to portray faithfully the elements of composition - ornaments, gestures, and so forth - just as they are set forth in the appropriate canonical descriptions. An artist should be of restrained disposition, with respect for the divine he portrays; compassionate and patient in the face of hard working conditions and criticism; skilled in the arts, yet without vanity regarding his skill; slow to anger and suspicion, and with little concern for the wealth and substance of others. He should follow his patron's instructions without deceit. When portraying the
passionless form (of the Buddha), or divinities of the outer tantras, he
should bathe regularly and be scrupulous in his conduct, keeping the precepts
of lay ordination (assuming he is not an ordained monk): when portraying
divinities of the inner tantras, he must have received the appropriate empower-
ment and be maintaining the commitments thereof, ideally performing the
meditation daily or at least reciting the mantra of the divinity continually.
At the start of a project, he should perform a ceremony to eliminate all
potential obstacles: meditating himself in the form of the appropriate
protective divinity, the artist purifies the canvas; next, visualizing him-
self in the forms of the buddhas of the five families, or of Vairocana (the
buddha of the central buddha family), he consecrates the pigments and brushes
in a particular ceremony. Then he must be able to paint in gold, in the centre
of the canvas, the seed-syllable of the divinity in question, surrounded by
the mantra, as explained in the appropriate tantra. Until the project is
completed, he must be able to devote unceasingly energy to it, without
procrastination: and when it has been completed, he should know how to
explain its qualities in order to gladden the patron, and to dedicate the
virtue of the endeavour for the welfare of others in a spirit of celebration.
Such a gifted artist has been described in the Verses of Selgyal (gSal.rgyal.
gyi.tshigs.su.bcad.pa, Kanjur Sūtra vol. Sa, follo 201):
Whoever portrays the form of the Victorious One,
They shall achieve attractive and noble forms (of rebirth),
Control of the senses, erudition, sun-like radiance,
And will be lovely to behold in the world's eye.
And from the same work:
Whoever portrays the form of the Sugata,
Their body will be flawless and
As soft and relaxed as the heart of a lotus.
They will be free from disease, pain, suffering, and fear.
And
Whoever portrays the form of the Lord Protector of the universe
Will not become servile or at another's beck and call,
Nor become poor or of low station;
Nor will their senses become impaired.
People who portray the Buddha or construct stūpas
Will have strong, constitutions, without pain,
Will have excellent wealth and control over riches,
And they will overcome all enemies.
And from the Kanjur Sūtra section, vol. Sa, folio 203:
People who, joyfully and with devotion,
Labour to produce
Stūpas and images
Will have exceedingly vast riches in all lives.
Such, according to tradition, is a flawless master artist. Further, from
the Narrative Concerning the Power of Merit (bSod.nams.kyi.stobs.kyi.rtogs.brjod, Kanjur Sūtra, vol. Āh, folio 9):

An artist, even though he be of low station, is without doubt honoured by kings and ministers, brahmins and householders alike.
And
Those engaged in various arts
Are honoured by gods and men.
Furthermore, this ideal of the master artist as a holy individual is set forth in a number of works, such as the Dad.stobs.bskyed.'jug.phyag.rgya'i.mdo, the Discourse Requested by Sãriputra (Śa..ri'i.bus.zhus.pa'i.mdo), the Discourse Requested by Zangkyong (bZan.skyon.gis.zhus.pa'i.mdo), the Discourse Requested by Lodry Gyatso (bLo.gros.rgya.mtshos.zhus.pa'i.mdo), and the Replies to Mañjusri ('Jam.dpal.gyis.zhus.lan). In conclusion:

Anointed by the words of the incomparable sage;
Honoured with devotion by beings of all kinds;
Revered in songs of praise by gods and men:
Such is a true master of the arts, not just one in name.

Secondly, a patron of the arts may have shortcomings or good qualities in character. A bad patron is one who lacks by nature a healthy fear of evil acts, regardless of his station in life; who has little faith or respect for spiritual ideals and symbols; sees no benefit in constructing images, stūpas, etc., and doesn't believe even when the benefits are explained; has no desire to commission the construction of religious receptacles, or only superficial motivation mixed up with worldly concerns such as the wish for fame in this life, or to outdo others; is stingy and deceitful, holding back the things necessary for completing a project; is contemptuous of spiritual art and artists, not understanding their worth; is impatient and short-tempered at even the slightest delay in work; angrily criticizes the artist for taking pains with his work; and fails to see the artist's special status, treating him instead like a common labourer. A miser who inwardly begrudges the least expense while making a show of generous patronage, is not a worthy oatron; nor is one who arbitrarily meddles with the execution of a work without knowing what he is doing. A bad, patron will not realize the necessity and importance of such ceremonies as the "opening of the eyes" (i.e., the painting of the eyes, the final step in completing a painted or sculpted image) when it comes time for them to be performed: they will seem unnecessary frills to his jaundiced eye. Even the completion of a project will not gladden him, but he indulges in a povertystricken mentality, acutely conscious of the expense involved. A patron must. avoin these faults; instead, once he undertakes to sponsor a project, he must be committed without any regret, even though the project may take his whole
lifetime and require all his wealth to complete.
On the other hand, a good patron of the arts by definition understands the value of spiritual principles, and especially understands the importance and function of whatever project he undertakes to sponsor. He will also appreciate the necessity and benefits of whatever wealth is donated to spiritual works of art. He will have great faith and respect in the divinities, and will honour and admire the artist portraying them. No amount of delay will disappoint his strong intent, and he will be very generous in furnishing the necessary supplies for the work. Being easy-going and soft-spoken, he will not begrudge the artist's taking pains with his work; and will not cheat the artist of his due, but will fulfil all his obligations as patron. A good patron has all the preceding qualities: moreover, it is said that he must exemplify the six transcendent virtues of the mahayana in his conduct; from the Discourse Requested by Pal for Gyatso we read:

With the wisdom to see the benefits (of his patronage),
With the mental stability of a focussed mind,
With the energy of enjoying his activities as a sponsor,
With the patience of not regretting hardships,
With the discipline of a soft-spoken, easy-going nature,
With the generosity of unstinting support,
And with faith and respect for the divinities and the artist, He becomes increasingly fulfilled (in his role of patron of the arts).
Moreover, the necessity of honouring the artist with remunerations gladly given is shown in the Tantra of Consecration (Rab.tu.gnas.pa 'i.rgyud, Kanfur Tantra, vol. Ta, folio 146): Outwardly, (the patron) honours artists With all kinds of adornments: He should even honour others Who keep their company.
And from the same work:
(The patron) should offer the finest of goods Wages, horses, cattle, wagons, riches He should devote himself to offering All kinds of wealth to the artist.
Someone who behaves in an irreproachable manner with respect to these points of conduct is a true patron who completely fulfils the role of a rejuvenator of the buddhist tradition.

An illusory heap which can take any form.
Is illusory wealth and property which can (nevertheless) accomplish anything: Noble and ignoble practice of the illusory dharma
Is said to have been delineated by the son of Suddhodana (the Buddha).




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## CHAPTER THREE <br> The Characteristics Determining <br> the Quality of Images

This chapter consists of an explanation of the quality of representation based on the degree of skill in proportioning images.

One major fault lies in deviating from the correct proportions when drawing the chin, the neck, or the calves of a figure. This indicates that the artist will be forced to leave his locality and will have a negative influence on whatever place he lives in. Malproportioned ears, noses, or fingers in a drawn figure constitute another major error; this points to impairment of one's personal prosperity and charisma, and the thwarting of any attempt to achieve accomplishments even on a mundane level. Incorrectly proportioned calves, mouths, or cheeks are serious flaws in art, leading to one being very unprosperous and vulnerable to all kinds of hindering influences and obstacles. It is likewise a fault to alter the correct proportions in drawinq the neck, the chest, and the sides of a figure, since these faults will cause one's aims to be thwarted and may bring on all kinds of harmful and negative influences; and to err in drawing the breasts, the nose, or the forehead, which will lead to one having quarrelsome enemies. If the ears, the lips, or the eyes are out of proportion, this too is a major flaw, leading to the tantric practitioner (i.e., the artist) being immediately vulnerable to the injuries of various kinds of hindering forces.

It is wrong to draw a figure which seems to be gazing upwards, or gasping for breath, or moving on its seat: these faults will result in the artist having to leave his locality, and yet again from his new place, and his aims will never be realized.

Similarly, should he make many errors in propotioning the upper and lower body, or in drawing the gestures or symbolic implements, the artist will always be afflicted with pain, suffering, and unhappiness.

Likewise, if the back support, seat, or canopy are incorrectly drawn too small, the artist's friends, relatives, and acquaintances will not be affectionate towards him, but will squabble and fight: as well, his prosperity will be impaired, his influence and charisma will diminish, and so forth - all kinds of misfortune will come about.

Moreover, in the case of divinities drawn without correct proportions due to confusion as to what is acceptable or not, the awareness aspect of the divinity cannot imbue the drawing. In whichever locality such faulty images exist, that region's prosperity declines, rainfall and water supply become erratic, harvests are poor, and so forth. Because such images have only negative influence, one should remove them to rocky or snowy wastes and wilderness areas. Many learned and accomplished masters are in accord on these points.

Furthermore, producing such faulty representations causes one to be reborn an animal in future existences: even should one be born a human, one will take birth in a low station, in poor families, without such necessities of life
as food and drink, clothing, wealth, crops, bedding, ornaments, and so on. Similarly, one will be born with one's body deformed in the same way (as the images one had produced), wherever the fault lay on the upper or lower part of the figure - lame, blind, deaf, with malformed limbs, hunchbacked, with blotchy complexion, with imperfect organs and faculties, with extra fingers and toes, with a dull complexion, and so forth. One will be born as a defective individual.

If one depicts the backrest, seat, and canopy as too small, one will be reborn in a hot country, or where there is much danger from the elements; in an environment without protection from oppression by rulers, threets from wild animals, stinging and biting insects, and continual harrassment vagabonds and evil spirits. These and many other sorts of dangers are described in the traditional ilterature.

Secondly, we shall examine the characteristics of a well-proportioned image. The hands and feet are youthful and supple, marked with the design of a wheel (dharmacakra) on the palms and soles. The fingers and toes are slightly "webbed" with membranes of skin between them; the fingers should be long and tapering. The thumbs and large toes are marked with the design of the endless knot. The veins and anklebones are not visible, and the limbs taper smoothly.

On such an asexual form as the Buddha's, the male genital organ is retracted. The belly is wide, the navel deeply indented and twisting clockwise, and the waist well-defined and symmetrical.

The upper body should be broad, with rounded shoulders. The throat is tapered like a conchshell. The lips are cleanly defined, and red like a bimba fruit. The nose should be long, with the tip pointed. The eyes are long like the petals of a lotus, with the whites and pupils clearly defined; the eyebrows are to be thick and long and distinct, not joining in the middle of the forehead. Between the eyebrows is the urna, a fine white hair coiling to the right (to form a dot). The upper curve of the ears is high, the lobes are long, and the orifice lobed and wide. The forehead is to be very broad with a well-defined hairline, while the head is to be large and rounded. The hairs of the head are thick and clearly separated, including those of the cranial protuberance (uṣniṣa), which resembles a pile of grain in shape.

Generally, the form is meant to be large and erect, with dignified bearing and pleasing mien, the joints of the limbs well-placed, and the whole form balanced and well-proportioned. The particularly masculine or feminine features should be slearly defined, and the fit of the clothing graceful.

In summary, of those major and minor marks of physical perfection which are set forth in such texts as the Abhisamayalänkara, one must reproduce those which are capable of being depicted, in the accepted traditional manner: the result will be a figure wilich will appeal to anyone, which will interest any
viewer, and which is beautiful and aesthetic to behold.
The benefits of creating such forms are set forth in the Mahäkarunapuņ̣̃arikasūtra (Kanjur Sûtra, vol. Ja, section 32, folio 21):

Some have, in this way, made such precious forms.
Having the thirty-two major marks of physical perfection;
Moreover, whoever has made (such images)
Will all achieve enlightenment.
And from the same source:
Some using the seven precious metals,
Some likewise using copper and bronze, Fashion images of the sugatos:
Those (who do so) will all achieve enlightenment. Fashioning images of the sugatas In lead, iron, or earth, Or using clay to mold these aesthetic forms, They will all achieve enlightenment. Whoever draws or commissions the drawing of The completely perfect form of the "victory banner of merit"
(i.c., the Buतdha)

As a fresco on a wall, They will all achieve enlightenment.
Moreover, even though correctly proportioned recentacles of the form, speech, or mind of the victorious ones (buddhas, be of very small size, to fashion them oneself or to commission others to do so creates an enormous amount of spiritual merit. As is stated in the 'Phags.pa.rmad.du.byun.ba. zhes.bya.ba'1.chos.kyi.rnam.grans (Kanjur Sūtra, vol. Sa, folio 196):
o Ananda! Were any faithful son or dauqhter of noble family to fashion this universe, this trichiliocosm, out of the seven precious substances and offer it to the streamwinners (srota-apanna), to those who will return once (to samsara before transcending the cycle of rebirth; SKt. sakṛdagamin), to those who will not return (anagamin), to the arhants, to the pratyekabuddhas, and to the sangha of fully-ordained monks in the four directions, I say that it would be greater merit by far for them to fashion a stüpa commemorating the parinirvana of the tathãgata, the arhant, the completely enlightened buddha; even if this stūpa were only the size of an olive, with a central pole inserted being only the size of a needle, a canopy only the size of a juniper needle, and containing a statue only the size of a barley grain and relics only the size of mustard seeds.
The inconceivable benefits accruing from fashioning correctly-proportioned images - excellent lifespan, merit, retinue, and wealth on the temporal level, and actual enlightenment on the ultimate level through mastery of such states of meditative absorption as the 'samadhi of ultimate reality' - are described

In the Verses of Selgyal (Kanjur Sûtra, vol. Sa, folio 201):
However many atoms are contained in the images and
The stüpas of the transcendent accomplished conquerors,
The artisans who fashion these
Will certainly attain dominion over a gods' reaim in the heavens
an equal number of times;
Experiencing all the excellent levels of consumaate
Meditative absorption in the form and formless realms,
They will finally attain the state of buddhahood, without the sufferings
Of birth and death and so on.
And from the Samadhirājasūtra (Kanjur Sūtra, vol. Da, chapter 12, folio 98): (Those who fashion) extremely beautiful images of the Buddha In finely-finished precious substances, Aesthetically pleasing and very elegant, will by (this activity) Achieve this excellent samadhi before long. Likewise, (whoever fashions) fine statues In pure gold, pure silver, or sandalwood, Beautiful and very aesthetic, will by (this activity) Achieve this excellent samadhi before long. (Whoever) carves, in clay or else in stone or in wood, Images which are beautiful and aesthetic, will by (this activity) Achieve this excellent samadhi before long.
Since the sutras and tantras set forth these traditions as being so infinitely worthy and beneficial, rigorous adherence to the standards of correct propotion and detail is of inestimable benefit to the buddhist tradition and to other beings. One must make every effort not to be negligent!



















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# CHAPTER IV : THE PROPORTIONS FOR <br> SYMBOLS OF FORM - IMAGBS 

Generally speaking, there existed in Tibet numerous manuals of artistic proportion composed according to various traditionss the source of al these was the definitive import of the tantras. But since there are many points in the tantras which are unclear, there exist minor differences (as well as many similarities) between the traditions known as the Indian, Nepalese, and Tibetan styles. Although some later scholars have attacked particular schools on the basis of these differences, Jamgon ('Jam.mgon Kon. sprul blo.gros.mtha'. yas, I8I3-I899) himself stated categorically that such criticism is nonsense. And according to the venerable master of Jonang (Tāranātha, late I6thearly I7th c.), "the arts, preparation of medicines, tantric rituals, and the profound ultimate nature of phenomena - these are not subject to mere intellectal speculation, and should not be approached with pride and self-aggrandizement." So one should consider all these traditions to be authentic and compatible, without holding one's own school to be the only correct interpretation and the others to be in error. Traditionally it is said that "standardized proportions exist to avoid degeneration in the arts, and were set forth by accomplished artists: they are not rigidly fixed, if there is some confusion to be clarified. And if one is depicting one's own face (i.e., not a traditional theme), one can create according to one's own impressions, without recourse to traditional standards." That is to say, one who is qualified is free to improvise and to introduce his own innovations wherever the standards are incomplete ar there is something not clearly delineated by tradition. Some elements of composition which are not subject to strict standardization are such background details as clouds, trees, mountains, cliffs, lakes, flames, wind, and so forths the shapes of these are depicted according to one's own tradition.

Palaces and so forth, bodhi trees,
Different kinds of flowers, arragements of offerings, Designs of auspicious symbols, ornaments of jewels: These have their particular forms defined by tradition, And are the specialty of the Indian style. Lustrous textures and beautiful patterns, Auspicious symbols worked on fabric, Thrones and elegant details:

These are the specialty of the chinese style. Aquatic animals, lakes and ponds, Mountains, forests, n̄̄ga treasures, Medical substances, incense, and fluttering banners: These are the specialty of the Kashmiri atyle. Notifs of the four elements, xainbows, clouds, Trees, ornaments of jewels, Birds, and godiy treasures: These are the specialty of the Nepalese style. Cliffs, hills, wild animals, Canopies, fringes, and other decorations, 411 such variety of forms, and ranges of snow peaks: These are the specialty of the Tibetan style.

Thus, each country's style had its own forte, wich it is important not to confuse with styles from other lands.

As to the five particular characterictics which distinguish the Gadri school of Tibetan painting, these are enumerated in the writings of Kasho karma Tashi. The particuler characteristic of the forms is described in this way: "when viewed from a distance, they seem to leap at one, and when viewed close up, they are aesthetically pleasing." The background composition is distinguished by "being boldy delineated, with the elements beautifuf and lustrous, wellbalanced in a spacious and pleasing environment." The particular colours favoured are "soft and clear, not garish; and lustrous and brilliant, not dull." There are specific textures, termed variously "scattered mustard seeds". "kúsangrass tips", "seamist", "dakiniclouds", and so on. These four characteristics highlight the stylistic excellence of the Gadri school. In addition, this tradition of painting derives from the exalted origins of the Chinese princess Kongjo, the incarnate artist Namka Tashi, the codifier whose efforts in spreading the arts were foreseen by the eighth Karmapa. So the Gadri school is said to have these five special characteristice.

The Menrl style was developed by Menla Dôndrup: an emanation of Manjuśri (the bodhisattva of wisdom) with the power to recollect former existences, he developed magnificent styles which were as famous as the sun and moon, and which until the communist invasion of Tibet were preserved without any degeneration or interruption in the transmission. In general, an authentic transmission of the holy dharma was maintained in Tibet, a stable and flourishing.tradition whose practi-
tioners were solely concerned with spiritual liberation. So in all facets of dharma, from the pinnacle teachings of the spiritual path down to the least important of the worldly sciences, if the slightest signs of degeneration or error crept in, qualified experts would censure and disrourage transmission and preservation of faulty doctrines. For this reason, the traditions remained flawless and undamaged until recently, Nowadays, young people influenced by modern ideas consider Buddhism and traditional systems of learning to be misguided and become impatient with such traditional methods, painting in a mixture of Indian and Tibetan styles. We see this being beld up as something positive, "modern technique': but this is like a son of illmatched parents, who cannot be aaid to be of good family however hand some he is. It is a great mistake to pollute these traditional systems. Furthermore, becauge the Tibetan styles of painting are so famous now, many superficial imitative styles have sprang up. of these, a few resemble the Menri style somewhat, though being inferior imitations, like a donkey wearing a tiger's skin. They have no connection whatever with the Gadri school. There are, as well, styles which devoloped after that of choying Gyatso of Tasang (foumder of the "New Konri" style): as for those painting styles that lack even this qualification, there is no possibility of their being considered part of the Gadri tradition, just as vater must not adalterate melted butter. Even their inclusion in the Kenri school is a great misfortune, like diluting milk with water. These are unnamed latter-day schools which I call "the sloppy schools".

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Not distinguishing masculine from feminine forms,
Mixing non-compatible colours unharmonously
Not identifiable as Gadri, Menri, or any other school:
Such are the sloppy schools of finger-painting.
Diligent individuals with a high degree of discernment
Were the holders of authentic lineages; with unerring
                                    judgement they
Maintained the Menri style, the Khyenri style, and that
                    known as Jiu (Eyi'u),
The style of Chठying Gyatso, called the New Menri,
And the most exalted style of all, that of Namka Tashi
Since these comprise the authentic traditions of
                                    painting,
Rather than chasing after dewdrops on the grass
Quench your thirst in the waves of their vast lakes!
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As to the actual proportions to be presented, there are three divisions: symbols of form (dealt with in this chapter), symbols of speech (Chapter V), and symbols of mind (Chapter VI).

To begin with, although numerous erudite and acclomplished Tibetan commentators in the past have classified the subject matter of drawing and painting in more or less detail, into five, eight, or eleven sections and so forth, I see no great contradiction between these systems. But in this attempt to set things forth clearly, I have synthesized the essential points, taking as my basis the text "Music to Delight a clear Intellect".
first we shall examine the metod of determining a unit of measure. However large an image one wishes to draw, the distance from the cranial protuberance (ugnisa) to the heele is divided into ten equal parts: one such part is termed a 'large unit' (cha. chen. po). face' (shal), span' (mtho), or 'hand' 'thal.mo). Dividing this large unit further into twelve equal parts gives a 'gmall unit' (cha. chun), also termed a 'minor unit' (cha, phran) or an 'inch' (sor. mo). One-quarter of a mall unit is terned a 'base unit' (rkan.pa, literally 'foot'), and ono half of a base unit is called a 'grain' (nas), 80 that eight grains equal one gmall unit.

Secondly, regarding the proportions of the images to be measured, my own tradition speaks of eleven sections in treating these subjects, which will be dealt with in the pages that follow.

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Section I : The Proportions of the Sugata (Buddha), the sublime Yirmanakēya

As shown in diagram , the distance between the cranial protuberance and the point between the eyebrows is one large unit. Then, there is one large unit between the following points: (the midbrow point,) the throat, the centre of the chest, the navel, and the genitals. Together these constitute a total measure of five large units for the upper body, or sixty-two and one-half small units (since the large unit used for measuring the forms of buddnas is actually twelve and one-half small units, as opposed to tuelve for all other figures). From the genitals down, the hip measures four small units, the thigh two large units, the knee four small units, the caif two large units, and the foot four and one-half small units in height: this gives a total measure of five large units (or sixty-two and one-half small units), so that the total of the upper and lower body is one hundred and twenty-five small units.
$\Delta s$ to the width, measuring from the centre of the chest to the right (Note: within the context of artistic layout, the directions are given from the viewpoint of the figure being drawa:therefore, 'right' meams 'to the figure's right', actually to the left of the canvas from the artist's point of view), the distance from the centre of the chest to the right armpit is one large unit, the upper arm (extended horizontally) is twenty small units, the elbow one small unit, the lower arm sixteen small units, the wrist one-half a mall unit, and the hand one large unit: together these make a total of five large units. Similarly, the left side of the body measures five large units, for a total body width of one hundred and twenty-five small units. This symmetry corresponds to the concept of equal height and widh as set forth in the Kālacakra Tantra. As for the method of leying out the lines for these proportions on a prepared canvas, one begins by drawing the vertical line down the centre of the canvas, termed the 'line of purity' or 'line of Brahma' (tshans.thig) then one bisects this line in the centre of the canvas. With a pair of compasses, arcs are inscribed above and below the central line: then, with compasses extended, one uses the intersections of the upper and lower arcs with the central vertical line as centres to inscribe intersecting arcs to the right and left sides of the centre, these marks resemling "x"'s or birdtracks. Further, these intersecting arcs are used to mark the right and left sides of the upper limit of the actual surface to be painted, however large one wishes this to be. All this to mark out the surface area and the basic lines.

Next, a horizontal line is drawn on the central vertical line to mark the uppermost tip of the cranial protuberance or usnisa. Below this line
are dram, in order: the line marking the base of the small upper part of the usnisa, at two small units below the topaost line; the base of the ugnisa, at four small units; the hairline, at four and one-half small units; the chin, at twelve and one-half small units; the throat, at four small units; the centre of the chest, at twelve and one-half omall units; the navel, at twelve and one-half small units; the vaist, at four and one-hdif small units; the genitals, at eight small units; the hips, at four small units; the thighs, at twenty-five small units; the knees, at four small, units; the calves, at trenty-five small units; and the soles of the feet, at four and one-half small units. These are the sixteen basic horizontal lines ('Phred.thig).

Above, one draws the following lines successively, parallel to the central vertical line on the right side of the body (i.e., to the left of the central vertical line from the artiat's point of view): the vertical line marking the cheek, at six small units; the armpit, at aix and one-half small units; the upper arm, at trenty small units; the elbov, at one amall unit; the lower arm, at sixteen small units; the wrist, at one-half of a small unit; the palm, at seven small units; and the fingers, at five small units. This makes eight vertical lines (Eyen.thig) on the right side of the body, not counting the central line. On the left side, there are four vertical lines: marking the cheek, at six small units; the armpit, at six and one-half small units; the shoulder, at four small units; and the outer edge of the upper arm, at two small units. Although the Buddha's arms are never dram thus extended, this model is to permit one to understand in detail the correct proportions involved in drawing the upper and lower body, and clearly shown in the diagram.























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upper part of the usniss, termed. the 'jewel-tip' (nor.tog), is two small units in height, narrow at the tip and ride at the base like a jerel. Belou this, the main part of the ugnisa is four small units high and four wide, shaped like an inverted alms-bovl or a pile of grain. The hair of the head is four and one-half small units from crown to hairline, and shaped like an inverted pan. The forehead is nine small units wide; from the centre of the hairline it curves gradually to both sides like a bow. At a point four small unita below the hairline, in the centre of the forehead, is the urna or mid-brow point (mdzod.spu), formed by thirty-two fine white hairs coiled to the right, and dram as a round dot with a diameter of one small unit. The eyebrows begin three basic units (or three-quarters of a small unit) to the right and left of the urnas they are four small unita long, one basic unit thick in their centres, and curved in shape like crescent moons.

One small unit belov the urna are the lover lines of the eyes; the eyes themselves, drawn in what is termed the "gaze of the fourth level of dhyana (meditative stability)", are one small unit to either side of the central vertical line. The eyes are four small units long and one basic unit wide, shaped like bows. The upper lines are tapered thinner, the lover lines thicker, and curved upwards. The inner and outer corners of the eyes are red for one-half of a small unit's width, the central white of the eyeball being three small units wide. In the centre is the iris (termed 'kalita'), round and one small unit in diameter, and in the centre of that is the pupil ('sutali'), round with a diameter of one-fifth of a small unit; surrounding the pupils is a band onemifth of a small unit wide, called the 'rim' (mu.khyud). This band is traditionally yellow for peaceful divinities, and red and blue for wrathful ones. The pupil is black, the eyeball veined with red; the eyes are clearly detailed, wide, and lovely, with the outer corners pointing towards the orifices of the ears.

From the mid-brow point to the tip of the nose is a distance of four small units, and the tip of the nose is two small units wide; of this width, the bridge of the nose between the two nostrils is one-half of a small unit wide, the nosirils are each one-half of a small unit wide, and the fleshy outer rims are each one-half of a small unit in thickness. Although some artists drau the nostrils and bridge of the nose one small unit each in width, this is somewhat lacking in beauty.

From the base of the nose to the upper lip is a distance of one small unit; the area above the upper lip has the shape of a lotus petal.

The upper lip is one-half of a small unit thick, while the middle of the lower lip is a full small unit in thickness: the distance between the dimplesis four small units, and the lips are curved upwards for one small unit at the corners, in a gentle smile. Some traditions exist of drawing the upper and lover lips of equal thickness, and the dimples of the smile curving up only six grains (three-quarters of a small unit).

Beneath the lower lip, at a distance of two smali units, is the chin, four small units wide and rounded.

The earlobes are two small units vide from the outer edge of the face, and four or four and one-half small units at the middle (widest) part: the lobes reach to just below the level of the chin. Beside the jaw, in front of the orifices of the ears, are lobes of flesh shaped like flower petals, one-half a small unit vide and high. The orifices themselves are also one-half a small unit long and wide. The folds, termed 'komo' (ko.mo, or sko.mo), are one small unit wide and high, encircled by the two-grain wide folds termed the 'shaku' (bakku). Outside these are the folds termed 'kani' (ka.ni), which are two small units lengthwise and one across. Outside these are the rims of the upper ears, called 'curves' ('khyil.ba), one-half a small unit in width, arching over the top of the upper ears to curve in to join the kead, and circling down to meet the earlobes: these are also termed 'beka patterns' (be.ka.ris).



In diagram sigure 1 shows the variant style termed the
"radiant sage" (thub.pa.'od. zer.ma: see Chapter One). From the brow point to the tip of the nose, the layout is as just described. The ugnisa is longer and tilts slightly to the rear; the nose is pointed; the lower lip is very full, the right and left brows meet in the centre; and the forehead is high. This style, which has no indentation between the brows, was widespread in central and eastern India: in Tibet, during the reign of Songtsen Gampo, those styles known as "sheep-faced" (lug.gdon.ma) were modeled on this style. Similarly, in later times when Menla Dondrup and his students introduced their new mode of painting elaborating upon Nepalese designs, this style was incorporated: so it is not without authenticity.

Pigure 2 shows a Chinese style originally based on the design of the "Sandalwood Lord" (tsandan.jo.boz see Ghapter One): the uspisa is thick; the nose rounded; the earlobes very long and wide; the eyes narrow and long; the cheeks plump; and the larynx full and wide. this early style, however, gave rise to many variations in later times, and would appear to be incorporated into numerous different texts.

Figure 3 shows the Tibetan style.


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Diagram shows the proportions of the upper and lower body. The throat is four small units high and eight wide, full below and with three wrinkles: the first of these lines is three base units below the bottom of the chin, the second line one small unit and one base unit below that, and the third line two small units below that. These lines are thicker in the middie and taper towards the ends, and are carved upwards.

From the base of the neck the distance is one large unit to the shoulder, which is full-flesned, the line curving gently downards like flowing water. The mound of the upper arm is four small units wide and prominently rounded; the upper arn is straight, twenty small units long; the elbow joint is one small unit; and the forearm is sixteen small units, tapering slightly.

From the throat to the heart-level (at the centre of the chest) is one large unit, and from the heart to the armpit is again one large unit, while the diatance from armpit to shoulder is nine small units. Three small units up from the horizontal line marking the centre of the chest, and six small units plus one base unit to either side of the central vertical line, are the nipples, dramn as dots surrounded by small circles of onemeight of a small unit (i.e., one grain) in radius, surrounded by further circles of radius five grains so that there is one-half a small unit between the two circles: from the nipples to the top of the armpit Is siz small units, and to the side of the chest is five small units.

From the centre of the chest to the navel is one large unit. Just above the navel on either side is the narrowing of the waist, fifteen small unita across. The navel itself is one small unit in diameter. On a level eight small units below the navel is the pelvis, nineteen small units across. Four and one-half small units below this is the genital area: because the male organ is retracted on such asexual forms, the proportions for this part of the body only need be explained below, in the section on tantric divinities.

The thighs are two large units in length ;one large unit thick at the groin; ten small units in the middle; and seven at the thinnest point just above the knee, which is four small units long and eight small units wide. The length of the calves is twenty-five small units, and they are geven small units wide at the thickest point and five at the thinnest.

The feet are four and one-half small units in height (from ankle to sole): the soles are twelve small units long. The large toe is two small units long. The foot is six small units broad at the base of the toes, five small units in the middle, and four small units at the heel.





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twelve and one-hale small units from the wrist joint to the tip of the middle finger, and seven small units from the wrist to the base of the middle finger. It is seven small units across from the base of the thumb to the base of the little finger, and five small units across the base of the four fingers. The middle finger is five and one-half small units long; the forefinger and ring finger are both one-half a small unit shorter than the middle finger; and the little finger is one small unit shorter than the ring finger. The fingers are of equal thickness and divided into three segments of equal length. The nails cover the outermost half of the last segment. From the base of the forefinger to that of the thumb is three small units, and from the wrist to the middle of the mound at the base of the thumb is four small units: this mound is four small units across. The thumb itself is four small units long, and from the base of the thumb to the wrist is a distance of five small units. The bases of the fingers are said to be webbed betweem like a swan's foot.

Diagram also shows the proportions of the foot, in addition
to the measurements given above. The large toe and second toe are of equal length, the middle toe is one grain shorter than the second, the fourth toe shorter by one-eighth of the length of the middle, and the small toe shorter by one-eighth of the fourth. All the toes have two joints, and nails on the outer half of the last segment, and are webbed between the base segments. At the base of the large toe, the foot is one small unit thick; at the base of the little toe, three base units; and in the middle, your and one-half base units.

All the major and minor marks of perfection evident on the form of the Euddha are described in the Abhisamayalankära and other works: marks such as the dharmacakra-wheel design on the palms of the hands and the soles of the feet. It is important to include all those which are capable of depiction: what has been given here is merely the general proportions.

The lines for drawing the layout for a seated buddha are the same as described above fron the genitals upwards. The cross-legged posture has a height of two sections of four small units each (i.e., two horizontal lines are drawn, one four small units below the line marking the level of the genitals, and one a further four small units below this); the moon-disc seat, of four small units; and the lotus-seat, of one large unit.

The intersection of the horizontal line marking the upper throat the central vertical line is connected with the intersections of the lower of the two horizontal lines marking the crossed legs and the outermost vertical lines. The intersection of this lower line and the central vertical line is connected with the intersections of the horizontal line marking the upper throat and the outermost or fourth vertical lincs. This measures out the breasts, sides, hips, waist, and so on. The intersections of the upper and lower horizontal lines marking the crosslegged posture and the outermost fourth vertical lines on both sides are connected to form an " $\mathrm{IN}^{\prime}$ : this outlines the crosslegged posture. The intersection of the horizontal line marking the navel and the central vertical line is connected with the intersections of the upper line marking the posture and the outermost fourth vertical lines on both sides: this shows the outer edge of the thigh muscles. The moon-disc seat is dram four small units below the lower line marking the crosslegged posture, and the base of the lotus-seat one large unit below that.

## This layout, depicted in diagram (2), is the standard for the

 forms of buddhas in general. There are two alternative methods, where the width of the crosslegged posture is equal to the measure betwecn the base line and the midbrow point, or between this base line and the tip of the nose: previously, in India, the "radiant sage" style used the latter measure, while the "reflected sage" style used the former. These peculiarities are explained as follows: in the case of the "radiant sage" style, the uneven form resulted from the distortion caused by the artist sketching in the Budha's form as his radiance reflected it on the drawing surface; in the case of the "reflected sage" style, the particular effect is due to the foreshortening caused by the reflection of the Teacher's form in the water.Some artists hold that since buddhas'forms are one hundred and twenty-five small units in length, while those of bodhisattvas are one hundred and twenty, the measure of the width of the crosslegged posture for buddhas'forms is to the tip of the nose, while for bodhisattvas' forms it is to the midbrow point. This opinion, however, is an error.



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Also included in this first section are the layouts for the forms of the realized gurus. These are canonically defined as measured according to the proportions of buddhas' forms (dealt with above), with distinctive postures.

Diagram (a) shows the layout for draving the mahāsiddhä Tilopa.
First the central vertical line is drawn. To the right of this are drawn three vertical lines; that markiag the centre of the chest, at eight amall units; the armpit at a further eight small units; and the outer edge of the upper arm at sir small units more. To the left are drawn three vertical lines: marking the right knee and forehead, at eight small units; the hollov in the left calf at twelve amall units; and the outer edge of the left knee at six small units. As for the horizontal lines, the uppermost is that marking the top of the hair, followed by the forehead, at eight amall units below that; the throat at twelve small units; the centre of the chest, at twelve small units; the waist, at eight small units; the navel, at six small units; the left kneecap, at four small units; the bottom edge of the left knee, at six small units; and the edge of the right knee, at eight small units: a total of nine horizontal lines.

Then the intersection of the first left vertical line and the horizontal line marking the forehead is connected with the intersection of the first right vertical line and the horizontal line marking the level of the left knee and the central vertical line: this shows the angle of the upper and lower torso. The lower point of this line at the level of the centre of the chest is connected with the intersection of the outermost right vertical line and the horizontal line marking the waist, to show the crook of the right arm. The intersection of the central line and the horizontal line marking the throat is connected with the intersection of the second left vertical line and the horizontal line marking the navel, to give the outer edge of the extended left arm. The intersection of the horizontal line marking the waist and the central vertical line is connected with the intersection of the outermost left vertical line and the horizontal line marking the left kneecap, which point is in turn connected with the intersection of the second left vertical line and the horizontal line marking the edge of the right knee, which is in turn connected with the intersection of the second right vertical line and the horizontal line marking the bottom edge of the left knee: this gives the outer edges of the right and left thighs and the crossed shins.












These are the proportions for drawing the Indian mahāsiddhās: while a total body length of one hundred and twenty-five small units is necessary, it is impossible to typify this within one single example, because there are many different postures and forms.

Also included in this first section is the layout for draving the form of the venerable Milarepa, shown in diagram

central vertical line is drawn, then the horizontal line marking the top of the skull: below this, at four small units, the line marking the forehead; at twelve and one-half small units, the face (i.e., the chin); at four small units, the throat; at twelve and one-half small units, the centre of the chest; at trelve and one-half small units, the navel; at ten small units, the left kneecap; at eight small units, the bottom edge of the left knee; and at ten small units, the tips of the fingers of the left hand. To the right of the central vertical line, the first vertical line is drawn at twelve small units, the second at six, the third at six, and the fourth at eight: to the left of the central vertical line, the first vertical line is drawn at eight small units, the second at trelve, and the third at eight.

The intersection of the horizontal line marking the forehead and the central vertical line is connected with the point six small units to the right of the central vertical line along the horizontal line marking the level of the centre of the chest, which is in turn connected with the intersection of the horizontal line marking the bottom edge of the left knee and the central vertical line: this shows the angle of the upper and lower torso. The intersection of the horizontal line marking the bottom edge of the left knee and the central vertical line is connected with the intersections of the third right vertical line and the first left vertical line and the horizontal line marking the throat: this marks the right and left sides of the torso. The intersection of the horizontal line marking the navel and the central vertical line is connectgd with the intersection of the third left vertical line and the horizontal line marking the left kneecap, to give the upper edge of the left thigh. The intersection of the second right vertical line and the horizontal line marking the navel is connected with the intersection of the central vertical line and the horizontal line marking the fingertips, to give the line along the
shin of the right leg. The intersection of the first left vertical line and the horizontal line marking the throat is connected with the point four small units above the horizontal line marking the navel along the second left vertical line; this shows the outer edge of the left upper arm.

The facial measurements are as for the Buddha's form. There are various ways of portraying Milarepa, as emaciated or as muscular. One also finds forms curving to the right as well as to the left.














































Section II : The Froportions of the Sambhogakeya forms:
The Buddhas of the Five Families

Diagram

shows the proportions for the sambhogak $\bar{y}$ ya forms
such as the buddhas of the five Pamilies. Although the total body measure is one hundred and twenty-five small units as in the case of the sublime nirmănakāy model, there are several variables, such as the topknot extended by ten small units, the curvature of the torso, the face and hands, and so forth.

The layout for drawing the Bhagavan Vairocana (the central figuxe of the budaha family, digresses somewhat from the layout described above. First the central vertical line is dram, then the following horizontal lines in descending order: the topmost line marking the tip of 'the 'jewel-tip'; below this, at eight small units, the base of the topknot; at four small units, the base of the usnisa; at four and onehalf small units, the crown of the skull; et twelve and one-half units, the chin; at four and one-half small units, the throat; at twelve and one-half small units, the centre of the chest; at twelve and one-half small units, the navel; at four and one-half small units, the waist; at eight small units, the genitals; at four small units, the middle of the knees; at four small units, the bottom edge of the knees; at four small units, the moon-disc seat; and at twelve and onc-half small units, the base of the lotug-seat. As for the vertical lines, to the right of the central vertical line, the line marking the cheek is dramn at six small units; the armpit, at six small units; the shoulder, at four small units; the outer edge of the upper arm, at two small units; and the outer edge of the knee, at eight small units: the same ordar holds for the left side.

Next, the intersection of the contres vertical line and the horizontal line marking the chin is connected with the intersections of the horizontal line marking the bottom edge of the knees and the fourth right and left vertical lines; then the intersection of the horizontal line marking the bottom edge of the knees and the central vertical line is connected with the intersections of the horizontal line marking the chin and the fourth right and left vertical lines: this gives the impression of superimposed arrowheads s which shows the widths for the breasts, sides, waist, hips, and so forth. The intersection of the horizontal line marking the navel and the central vertical line is connected with the intersections of the horizontal line marking the genitals and the outermost right and left vertical lines, to show the outer edges of the thighs in crosslegged
posture, The intersections of the upper and lower horizontal lines marking the crosslegged posture and the outermost right and left vertical lines are all connected to form an "x": this outlines the position of the legs in the posture.

The layout of the face is as given previously. There exist minor alternative variations, such as drawing the topknot eight small units and the 'jewel-tip' three small units in height, or drawing the topknot ten small units and the 'jevel-tip' two small units in height, and so on: these do not seem to be in great contradiction to one another.




Still in Section II, diagram
shows the layout for figures -
such as Vajrasattva with a curved posture. The basic layout is as for Vairocana (above, diagram , but the angle of the upper torso is found by connecting a point four small units or so to the right of the central vertical line aloug the horizontal line marking the centre of the chest with the interscction of the horizontal line marking the forehead and the central vertical line; and the angle of the lower torso, by connecting the former point with the intersection of the horizontal line markine the waist and the central vertical line. The intersection of the horizontal line marking the forehead and the central vertical line is connected with the intersections of the horizontal line marking the bottom edge of the knees and the outermost (fourth) right vertical line and the innermost of the left vertical lines. 'Then two lines are drawn from the intersection of the horizontal line marking the bottom edge of the knees and the central vertical line: the one connecting to the intersection of the horizontal line marking the throat and the second right vertical line; and the other connecting to the intersection of the horizontal line marking the throat and the innermost of the four left vertical lines.

Although the topknot is intended to measure ten small units in height, modern experts state that it can be either ten or twelve units tall.

The upper part of the raised right arm is only sixteen small units long (instead of the usual twenty), due to the foreshortening effect which distorts the actual length: this applies in all other similar crses.











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Diagram shows another layout for Section II, that for the
figures of Aksothya and the other buddhas of the five families when depicted in union with their feminine consorts - subjects with numerous faces and arms.

The basic outline is as for Vajrasattva (above, diagram ), adding the proportions for the arms of the masculine and feminine devinities. From a point six small units to the right of the central vertical line and eight small units above the horizontal line marking the centre of the chest, an arc is inscribed of radius twenty small units (to the right); this marks out the right elbow of the masculine divinity's arms, fn arc with a radius of a further sixteen small units marks the wrists, and one with a radius of a further six small units marks the hands. On the left side, from a point ten small units to the left of the central vertical line and about four small units above the horizontal line marking the centre of the chest, three arcs are inscribed in the same manner as described above to show the proportions of the left aring of the masculine divinity. From a point twelve small units to the right of the central vertical line and six small units or so above the horizontal line marking the centre of the chest, an arc of radius sixteen small units is inscribed to mark the elbows of the feminine divinity's left arms; another arc of radius of a further fourteen small units marks the wrists; and another arc of radius of a further four small units, the hands. On the left side, from a point six small units to the left of the central vertical line and about four small units above the horizontal line markine the centre of the chest, three similer arcs are inscribed to show the proportions for the feminine divinity's risht arms.
races to the right and left of the central face are each to be six small units wide.

This is the layout. for figures in which both masculine and feminine divinities have three faces and six arms. As many additional faces or arms as are necessary can be included in this basic pattern, from which one can discem the space allotment required.



















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(6) जम श्रेश्नेबनस सन



(10) स्रोंश्ये








 समझ


## Section III : The Proportions for the "Wrathful Ascetic" Nodel (dran. sron,khros.pa)

The leyout for this form, exemplified by Cakrasamvara (bDe.mchog), is shown in diagram First the central vertical line is drawn,
then the followine horizontal lines in ascending order: the bottom line marking the base of the seat; above this, at twelve small units, the upper edge of the lotus-seat; at four small units, the sun-disc seat; at four small units, the level of the supine female and prone male figures upon, which the divinity stands; at four and one-half small unita, the heicht of the foet; at twenty small unita, the calves; at four small unita, the knees; at twelve small units, the thighs; at four small units, the genitals; at twelve small units, the navel; at four small units, the narrowing of the waist; at twelve small units, the lower chest; at twelve small units, the upper chest; at four amall units, the throat; at twelve and one-half small units, the face; at four and one-half amall units, the crown of the skull; at eight small units, the topknot; and at four small units, the jewel-tip of the topknot. To the right of the central vertical line, a vertical line is dram at six mall unats to mark the armpit; at six amall units, for the outer edge of the upper arm; at twelve amall unita, for the knee of the extended leg; at twelve small units, for the heel of the feminine divinity's left foot; at twelve small units, for the tips of the toos; and at twelve anall units, for the forehead of the supine female figure (dus.mishan, under the heruka's right foot). To the left of the central vertical line, a vertical line is drawn at one large unit to mark the hip and heel of the indram left leg; at aix small units, for the artupit and the forehead of the prone male figure ('jig.byed, under the heruka's left foot); and at six small units, for the outer edge of the upper arm, the left knee, and the tips of the toes of the left root. Next, from the intersection of the central vertical line and the horizontal line marking the forehead, a line is drawn to a point six small units to the left of the central vertical line at the level of the centre of the chest, and this latter point is connected with the intersection of the central vertical line and the horizontal line marking the genitals: this shous the angle of the upper and lower torso. The interoection of the first right vertical line and the horizontal line marking the waist is connected with the intersection of the fifth right vertical line and the horizontal line narking the top of the
foot, to outline the outer edge of the extended right leg, the intersection of the central vertical line and the horizontal line marking the genitals is connected with the point four small units in from this fifth right vertical line on the level of the top of the foot, to outline the inner edge. Further, the intersection of the central vertical line and the horizontal line marking the genitals is connected with the intersection of the second left vertical line and the horizontal line marking the bottom edge of the knees, to mark the inner edge of the left thigh; the intersection of the first left vertical line and the horizontal line marking the navel is connected with the intersection of the third left vortical linn and tho horizontal line marking the upper aide of the knees, to mark the outer edge of the left thigh. Ihe intersection of the third left vertical line and the horizontal line marking the underaide of the knee is connected with the point two small units in from the second left vertical line at the level of the top of the foot, to mark the outer edge of the left calf.

Next, lines are drawn parallel to the line marking the angle of the upper body, six small units to either side, to mark the width of the central face; lines a further two small units out on either side mark the ears; a further six small units out to either side marks the flanking faces; and a further two small units to the left side marks the rear face: this layout is for a four-headed form. For forms with many faces, the pairs of faces flanking the central one are progressively six, four, two, and one small unit wide, the innermost being the widest. Another method is to mark the first pair of flanking faces at four small units' width to either side of the central face, and any further faces, such as the rear-facing one, at two small units' width each to either side. For forms with another face above the central one, this upper face is said to be smaller by one-third than the main face: this progressive diminution applies to all of however many faces may be positioned one above the other. The shape and layout of the faces is as given in the diagrams.

If one allows the recommended distance of three large units plus five small units between the feet of this figure, this will not allow the necessary large unit for the length of the thighs, and they will be too short with respect to the correct proportions. Generally speaking, for legs extended out obliquely, any shortening is in the vertical distance, not in the actual length of the leg measured obliquely. Therefore, the method closest to the standard proportions is to allow four large units between the feet, with lines drawn to mark the thighs of
sixteen and one-half small units' length and calves of twenty amall units' length

The size of the parts of the upper and lower body of this figure, the hands and the feet, and so forth, do not differ from those presented in the section above on the Buddha's form. The erect male organ is four small units in length, the glans penis two small units, and the scrotum hanging below is five small units long and four vide.

The lengths of the male and female figures under the feet are ald to be the same, i.e. three of the main figure's large units.

The folloving points on the diagran depict different atages in the leyouts

1. a width of six small units.
2. a width of six small units.
3. a vidth of two small units.
4. from a point six small units to the right of the central vertical line and four small units above the horizontal line marking the centre of the chest, an arc is inscribed of radius twenty amall units to mark the elbow of the right arms; another arc of radius of a further sixteen small unfts to mark the wrists; and another arc of radius of a further six small units to mark the odges of the hands holding the synbolic implements.
5. this process is repeated on the left side to lay out clearly the measures of the left arms: the point used for inscribing the arcs is one and one-half large units to the left of the central vertical line and six small units above the horizontal line marking the centre of the chest
6. the measure for the masouline divinity's elbows,
7. wrists, and
8. clenched hands.
9. and IU. a two large-unit measure for tho lower body, shortened vertically due to the semi-orouching posture.
II. the feet trampling the supine and prone figures, measuring oight amall units.
10. the sun-diso seat, measuring four small units acrose (due to the foreshortening effeot).

I3. the stamens, measuring four small units high.
14. the lotus-seat, measuring eight small units in height. Another method is to add two small units Prom the height of the stamens to that of the lotus, as shown at I5. However, there really are no fixed dimensions for the seat, and everyone has their own

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particular method. For forms with four figures lying on top of one
another on the seat, or three discs - moon, sun, and the planet Rāhu -
positioned one above the other, one small unit is allowod for ench
element. It is also permissible to alter slichtly the dimensions as
actually given, such as marking the lotus twelve small units high
and so forth.
    Using this as a model, there is no difference in these propor-
tions for figures auch as Hevajra, Kalacakra, or Mahāmāā, other than
reversing the leyout for the stance or the ourve of the torso. Por
seated figures such as Guhyasamaja, the layout has been given in the
section above concerned with Akspobhya. The mien - wrathful, smiling,
etc. - for each face must be drawn individually.
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 बरो

(2) पदरविन से



(6) लेट.र5 स्रूप्यूँचा




120) 11

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(14) संज

(16) इषศศ





 ज्ञाइस से
of cakrasanvara. The central face is said to be round, and of wrathful expression; the right face (i.e. the divinity's right) is shaped like a chicken's egg, with seductive mien; the rear face (depicted as the leftmost) is shaped like a sesame seed, with a coquettish expression; and the left face is squarish, with a courageous expression. It is further stated thet the central face is rounded according to the proportions of the sublime nirmānakāa (Buddha) model of section 1 , or alternatively that one small unit should be cropped from the lower part of the face of the buddha model to give that of the heruka: it is this latter method which has been adopted here:

1. a measure of one small unit and three base units is cropped here.
2. this space is one small unit and one base unit wide, and the length is two small units.
3. the upper corner of the vertical eye of awareness (ye.ses.kyi.spyen) is about one small unit below this.
4. the skulls of the crown are two small units high, the jewel ornaments tipping them one small unit.
5. a width of eight small units.

6, a width of five small units.
7. a measure of one small unit.
8. a measure of two small units.
9. the bared fangs measure two grains.
10. the left head is squarish in shape, reduced in size ly one small unit, and of courageous expression.

1I. the chin measures thres base unita.
12. $n$ npace of three grains between the upper and lower teoth.
13. longth of two small units plus one base unit, spaco one amall unit wide.

I4. the proportions of the right face, with seductive expression, are reduced by two small units plus two grains.

I5. length of three small units, space two base units wide.
16. the gap is a mere grain wide.

I7. the rear face, with coquettish expression, is reduced by two small units.

I8. space three grains vide.
19. length of two small units, space one snall unit wide, with the overall shape resembling a Pish's belly.

As for the particular treatment of the shapes of tho four faces, the left squarish one is wrathful, yet beautiful; another explanation is that the expression is at once majestic and terrible, threatening to evil spirits, cannibal demons, and pretas (hungry ghosts). The rear seaame-seed shaped face is of the aort drawn for peaceful feminine divinities. The right eggshaped face is described as that of a great person, youthful and handsome; or sometimes as of the kind for feminine divinities, beautiful to look at.








 57 देश

















The total height of this model for the forms of bodhisattvas (byan. chub. sems. dpa') is one hundred and twenty small units, arrived at by trimming tho extra one-half small unit added to each large unit in the section above on the model for buddhas' forms. The example used for this layout, in diagram , is for the bodhisattva Mañjuéri ('Jam. dpal. dbyans).

First the central vertical line is dram, then the topioost horizontal line to mark the top of the jewel-tip. below this are drawn the following horizontal lines in descending order: for marking the base of the jewel-tip, at five small units; the topknot, at five small units; the usnisa, at six small units; the forehead (i.e. the hairline), at four small units; the face (i.e., the chin), at twelve small units; the throat, at four small units; the centre of the chest, at twelve small units; the navel, at twelve sinall units; the hips, at four small units; the genitals, at eight small units; the upper edge of the knees (of the crossed legs), at four small units; the lower edge of the knees, at four small units; the moon-disc seat, at four small units ; and the lotus-seat; at twelve small units. To the (divinity's) left of the central vertical line, four vertical lines are drawn at one, four, two, and eight small units (to lay out the measure for the left arm): the measures for the right arm are the same on the right side, with the addition of two further vertical lines at six small units each.

Next, the point four small units to the left of the central vertical line along the topmost horizontal line is connected to the point four small units to the right of the central vertical line along the horizontal line marking the centre of the chest; this latter point is connected to the intersection of the central vertical line and the horizontal line marking the genitalss these lines show the angles of the upper and lower torso. The intersection of the horizontal line marking the throat and the central Nertical line is connected with the intersections of the horizontal line marking the lower edge of the knees and the fourth right vertical line out from the centre and the fourth left vertical line in towards centre. the intersection of this horizontal line and the central vertical line is connected with the intersections of the horizontal line marking the upper edge of the throat (i.e., the chin) and the second right vertical line out from the centre and the fourth left vertical line in towards centre.

The lines for the layout of the crosslegged posture are as above in the section for Vairocana (Section II).

The line marking the uppermost edge of the right upper arm is arrived at by connecting the intersection of the horizontal line marking the chin and the first right vertical line, with the intersection of the horizontal line marking the lower edge of the throat and the fifth right vertical line. The intersection of the horizontal line marking the forehead and the aixth right vertical line is connected with the point six small units below the horizontal line marking the lower edge of the throat and the fifth right vertical line. The inter section of the horizontal line marking the forehead and the gixth right vertical line is connected with the point six small units below the horizontal line marking the lower edge of the throat along the fourth right vertical line: this gives the line marking the inner edge of the upraised right forearm. The angle of the brandished sword is found by connecting the intersection of the right vertical line and the horizontal line marking the forehead with the intersection of the firat right vertical line and the horisontal line marking the forehead with the intersection of the first right vertical line and the topmost horizontal line.

1. there can be a further extension outwards of two small units here.
2. there can be a reduction of two small units here.
3. length can be either thirty small units or two large units.
4. the five locks or tufts (zur.phud. lna.bcin) are explained
as having a length of four small units.
Also, the eyes are dram two and one-half small units long and one-half a small unit wide. The remaining dimensions are as given in the section on the buddha model. Finally, these proportions apply to all forms of Mañjuárī; the differences are limited to varying, colours (the white and orange forms, etc.), and more or fewer arms, and are set forth in the canonical texts.



















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## Still in Section IV, diagram

 gives the layout for the one-thousand-armed, one-thousand-eyed form of Avalokitesvara (siyan. ras. gzigs. phyag. ston. spyan. ston). First the central vertical line is drawn, then the following horizontal lines in ascending order: the lowermost, marking the base of the lotur-seat; above this, at twelve small units, the top of the lotus; at four small units, the soles of the feet; at four small units, the tops of the feet; at twelve small units, the midcalf; at twelve small units, ae lower edge of the knees; at four small units, the tops of the knees; at twelve small units, the mid-thigh; at twelve arall units, the genitals; at four small units, the hips; at cight small units, the navel; at four amall units, the narrowing of the waist; at twelve small units, the centre of the chest; at twelve small units, the base of the throat; at four small units, the chin; at twelve small units, the central face (i.e., the forehead/hairline); at four small units, the crown of the head; at eight small units, the central face of the second row (reyas. pa'i. zhal) at four small units, the crown of this head; at eieht suall units, the central sambhogakāa face of the third row (lons. sku'i.zhal); at four small units, the arow of this head; at six suall units, the nirmanakāya face (sprul.aku'i.zhal); at two small units, the crown of this head; at four small units, the uppermost head, that of Am tābha; at one and one-half small units, the crown of this head; at one small unit, the usnisa; and at one-half a small unit, the joweltip.As for the vertical lines, a pair drawn one small unit out to either side of the central vertical line marks the width of the face of Amitabha; three small units out to oither side of centre marks the width of the nirminakna face; three and one-half umall unita out to either side of centre marks the width of the central samhogakaya face; the lines marking the flanking faces are a further three and one-half small units out to either side; those marking the width of the central face of the second row are four small units out to either side; and those marking the flanking faces of this row are a further four small units out to either side. Below this, the central dharmakēa face measures six small units out to either side of the central vertical line; lines drawn a further six small units out to either side of this central face mark the width of the flanking faces of this row, and the armpits. A further four small units out to either side marks the shoulders, and a further two small units out, the outer edges of the upper arms.

Now tho lines are dram for the concentric circles of arms. A distance of one large unit is measured out to oither side of the contral vertical line along the horizontal line marking the centre of the chests marks are made four small units above these points. Using these marks as centres, arcs are inscribed of twenty small units radius to mark the elbows of the eight main arms; a radius of a further sixteen small units gives the measure for the first circle of forty-eight hands, which are held in loose fists. Pive more concentric arcs are inscribed, each one of radius four small units greater than the last: these arcs are divided into six equal sectors, and the aros of each sector from innermost outwards are divided into twelve, fourteen, sixteen, eighteen, and twenty hands, respectively. This makes a total of four hundred and eighty on one side, and a similar number on the other, for a total of nine hundred and sixty: adding the forty-eight arms of the first circle gives a grand total of one thousand and eight arms. In some drawing manuals, the secondary-emanation hands (sprul. phyag) are arranged as described above, but the main arms are said to be forty in number: while this would give a total of exactly one thousand and no more, there must actually be one thousand and eight arms, and so it is necessary to draw forty arms in the first circle,which number does not include the eight foremost arms holding the symbolic implements.

1. measurement below is elght small units.
2. sane measurement for wrathful nirmänakāya face,
3. the sambhogakēya faces, and
4. the second row of faces.
5. the main arms, with eyes on each palm.
6. of the secondary-emanation hands, the twelve-hand sector,
7. the fourteen-hand sector,
8. the sixteen-hand sector,
9. the eighteen-hand sector, and

IO. the trenty-hand eeotor.
II. width of twenty small units.

I2. one of the six sectors.
13. two saall units short of the horizontal line marking
the knee-level.
14. from here, arcs inscribed of radius three and four large units, to left from the righthand point and to right from the lefthand point, give the shape of the halo around the heads. The nimbus (reyab. yol) extends about six amall units out from the outermost circle of hands, but is simply dram in, no specific radius being given.

The remaining elements, ornaments, implements, and so forth, can le found in the canonical doscriptiong.




Diagram gives more detailed proportions for the eleven
heads (of this form of Avalokitefrara). The dharmakäya face is twelve sinall
units aquare, the ears are each two small units vide; the flanking faces are a further six small units out to either side. The eyes and the nose are laid out as in the section above on Vairocana (Section II), except that the eyes in this case are tro and one-half small units long and one-half a emall unit wide. The fivempointed crow, which is six small units high and dravn according to the usual pattern, starts in the middle of the crown of the head, which is four small units high (from hairline to crovn); the crown with five points therefore oovers the throat of the head above the central dharmakeana face.

Next, four small units are subtracted from the measure of the dharmakäya face; the remaining eight small units are redivided into trelve equal parts, giving the measure of the second central face. So, above the crom of the head of the central dharmakeya face, the throat of the second central face measures four of these nev units, the actual face twelve of these units, and the crown of this head (from hairline to crom) four of these units in height. The ears are two units wide, and the flanking faces e further six new units out to either side. The five-pointed crown is six of these ner units high, and the eyes and so forth are measured accordingly (i.e., using the standard proportions but the new unit of measure).

Again, four units are subtracted from the measure of the second central face, the remainder is redivided to give twelve equal units, and so forth as above. Further, oight of these newest units of measure form the basis for the measure of the nirmāakāa face above: this is the general principle.

1. measure of nine base units (i.e., two and one-quarter small units),
2. of fourteen base units and one grain (three and fiveeighths small units),
3. of twenty-one base units and one grain (five and threeeighths small units).
4. of thirty-two base units (eight small units), and
5. of twelve small units.








 तरेश से
 रूबा सरें


(2) स्सेवक्रुसरिवया







(10) स्सरमविसरेक्जु:

Diagram

Noshows a variation for the layout of tho faces of the eleven-faced form of Avalokitefrara. The dharmakey face is the usual twolve omall units in hoight, while the flanking faces are here stated to be a further four small units out to the right and lefts if this four-unit measure includes the width of the ears of the central face, this will result in flanking faces which are too narrow. The general rule for figures with only one flanking face on either aide of the central one, is to drav these flanking faces each six small units in width (i.e., in profile) f while for figures with additional faces, the rule is to inolude the width of the contral face's ear in this six-unit width of the flanking face, while additional faces to the left or right are each two amall units wide, or even one small unit (for figures such as Sitachatra, which have many faces): this is the opinion of the erudite and venerable Tsevang.

Now, the second central face and the central sambhogakaya face are said to be each eight small units high, with the crovas of the heads each four snall units (from hairline to crovn). Not only does this look unattractive, but it fails to conform to standard proportion, where the crown of the head is never a full onewhalf of the measure of the face; allowing for the throat of the next head above the orow of the lower head is intended to be an attractive feature, but in actual practice is not appealing when so laid out. Similarly, the wrathful nirmanakēya face has a gaping mouth, making the chin somewhat longer then normal; when the crown of the sambhogakäya head belov has been laid out as given, there is no space for extending the chin. Finally, as to the instruction to measure one small unit to either side of the central vertical line for the width of the face of Amithbh, this gives the face an oblong shape which does not match that of the others.

1. Pace 1s twolve amall mits high, and
2. eight small units high.
3. hairline to crown measures four small units.
4. Por aesthetic reasons, one amall unit is subtracted from the eight-unit measure of the face, and
5. two small units from the four-unit height of the crown of the head.
6. height of six amall units.
7. since the recommended one unit does not suit well here, the measure is two small units.
8. the flanking faces are three small units wide.
9. a variation of the fourmunit measure.

IO. the flanking faces are four small units vide.


## 221 <br> 



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(3) बेर्देश
(4) बेनखेपूप"चा।





## Section $V$; The Proportions for the Nine-unit Model for

 Feminine Divinities (royal, Fun)The total height for the forms of feminine divinities is nine spans (rotho.dgu.pa) or large unitas; dividing each large unit into twelve small unite gives a total of one hundred and eight email units. of these, the crow of the head measures three small unite; the face, twelve small unite; the throat, three mall units; to the centre of the chest is a distance of twelve small units; to the navel, another twelve small units; and to the genitals, another twelve small units: a total measure of four and one-half large units, or fifty-four small units, between the crow of the head and the genitals. Next, the hips measure two small units; the thighs, twenty-two small units ; the knees, three small units; the calves, twenty-two small units; and the keels, three small units: the total measure between the genital region and the feet is also four and one-half large units. The total measure of upper and lover body is nine large units, or one hundred and eight small units. The armpit is ten small units out from the central vertical line; the upper arm is eighteen small units long; the forearm, fourteen small units; and the hand, one large units making a total of fifty-four small units. A similar total on the other aide makes for a total width of one hundred and eight small units, and so the form is of equal width and height.

From this basic model comes the layout for the seated form of the
venerable Tārā (rJe.btaun, sgrol,ma) in diagram

central vertical line is dram, then the topmost horizontal line, marking the tip of the usnisa. Below this, horizontal lines are dram: at four small unite, for the base of the usniga; at six small units, for the base of the topknot; at three small units, for the hairline; at twelve small units, for the face (i.e., the chin); at three small units, for the throat; at twelve small units to mark the centre of the chest; at eight small units to mark the upper abdomen (thugs.smad); at four small units, for the narrowing of the waist; at twelve small units, for the genitals; at four small units, to mark the underside of the knees; at twelve small units to mark the right ankle; and at eight small units to mark the sole of the foot. To the right of the central vertical line, vertical lines are drawn at four small units for the armpit; at a further four small units for the shoulder; and at a further twelve small units for the right knee: to the left, vertical lines are dram
at six small units to mark the centre of the chest; at ten small units for the armpit; and at eight small units for the left elbow and knee. Next, a point four small units to the right of the central vertical line alone the topmost horizontal line is connected with the intersection of the first vertical line and the horizontal line marking the centre of the chest; this latter point is connected with the intersection of the central vertical line and the horizontal line marking the genitals: this shows the angle of the upper and lower torso. The intersection of the first left vertical line and the horizontal line markine the centre of the chest is connected with the intersection of the outermost left vertical line and the horizontal line markinef the genitals: this warks the outer edge of the left thigh. The intersection of the second left vertical line and the horizontal line marking the chin is connected with the intersection of the outermost left vertical line and the horizontal line marking the lower abdomen, to wark the outer edge of the left upper arm. The intersection of the central vertical line and the horizontal line marking the genitals is connected with the intersection of the outermost right vertical line and the horizontal line marking the knee-level, to mark the inner edge of the right thigh. The latter point is connected with the intersection of the second right vertical line and the horizontal line marking the ankle, to show the outer edee of the right foot.

Tho face is similar to the rear face described in the previous section on Cakrasamvara, though the eyes are shaped 'like a fish's belly', and measure three small units in length and one small unit in width: some give the width as one and one-half small units, but this is somewhat unattractive for a peaceful feminine divinity, so the former rule is to be followed. The narrower forehead is six small units wide, slightly vider at the level of the ears, and the lover face is narrover; the overall shape is like an egg. The cheakbones are high and attractive. The ear and earlobe are each three small units long and one and one-half small units vide. The throat is six small units wide; the measure from the baso of the neak to the shoulder is ten small units. The shoulders are rounded. At the level of the breasts, the width of the chest is nine small units, with a distance of one small unit fron the edge of the breast to the armpit. The width of the waist io either fourteen mall units or one larce unit (i.e., twelve amall units): some artista even use a width of ten small units. If the width of the body at the level of tne nevel is dram as fifteen small units, it is recommended that one usea the width of one large unit at the waict. In order to make
the lower abdomen wide and full, a width of oighteen small unit:a is used bolow tho navel level. The vulva or labia majora nre aix amill unitin lone, the labia minora ( $z^{\prime} u_{0}$ 'bru) three amall units lone. The buttocks are round, four small units in radius. The thighs and calves aro wide at the top, taporine slightly towards the bottom. Tho oyes are set wide npnrt, the lipe are full and appealing. The oyes and dinples indicate $n$ smilinf: expression. The feet and hands are described as supple and smooth, utterly charming.

1. tho ugniga is upright, four small units in length.
2. the six small-unit measure is termed the 'measure of

Amitābha'。
3. the width is eight or nine small units,
4. six small units, and
5. ten small units.
6. the layout for the moon-disc seat.
7. the height of the lotus-seat.
8. the feet are either fourteen small unita or one laree unit in length.































Diagram ahous an alternate layout for the form of Tärä,
which uses a variation of the bodily posture though it does not devinte from the standard measure of one hundred and eight small units. Firat the central vertical line is drawn, then the following horisontal lines are drawn in ascending orders the line marking the lower edge of the lotusseat; above this, the lower edge of the right foot, at six small units; the edge of the moon-disc seat and the ankle of the right foot, at six small units; the lower edge of the right knee and the lower edee of the indrawn left leg, at ten small units; the upper edge of both knees and the level of the genitals, at four small units; the owelling of the hipbone, at oight small units; the narroving of the waist and the elbou of the right arm, at four small units; the centre of the chest and the right armpit, at twelve small units; the centre of the throat and the left shoulder, at twelve small units; the chin, at three small units; the face (i.e., the hairline), at twelve small units; the crown of the head, at three small units; and the topknot of hair, at six small units. To the right of the central vertical line, vertical lines are drawn: at six small units to mark the right cheek and shouldor, and the base of the right thigh; at eight small units to mark the right elbow and the tip of the large toe of the right foot; and at tuelve small units to mark the outer edge of the right knee. To the left of the central vertical line, vertical lines are drama at six small units to mark the left cheek, the centre of the chest, and the ankle of the left foot; at ten snall units to maxk the edge of the shoulder, the left side, and the middle of the left calf; and at twelve mall units to mark the outer edge of the left knee.

Next, a point six small units to the right of the central vertical line along the horisontal line marking the tip of the topknot is connected with the intersection of the firat left vertical line and the horisontal line marking the centre of the chest: this shows the angle of the upper torso. The intersection of the first left vertical line and tho horisontal line marking the waist is connected with the intersection of the outermat left vertical line and the horisontal line marking the genitals this marks the outer edge of the left thigh. The intersection of the central vertical line and the horisontal line marking the vaist is connected with the intersection of the outermost right vertical line and the horisontal line marking the genitals: this marks the outer edge of the right thigh. The intersection of the outermost right vertical line and the horisontal line marking the lower edge
of the knees is connected with the intersection of the first right vertical line and the horisontal line marking the level of the moon-disc seat: this marks the outer edge of the calf of the extendedifight leg. The intersection of the firat left vertical line and the horizontal line marking the lower edge of the knees is connected with the intersection of the second right vertical line and the horisontal line marking the level of the seat; this marks the back of the left foot and the sole of the right foot. The intersection of the first right vertical line and the horixontal line marking the lower edge of the throat is connoctod with the intersection of the second right vertical line and the horizontal lina marking the waist, showing the outer edge of the upper right arm; connecting this latter point with the intersection of the outermost right vertical line and the horisontal line maricing the genitals shows the outer edge of the right forearm. The intersection of the third left vertical line and the horisontal line marking the chin is connected with the intersection of the outermogt left vertical line and the horigontal line marking the waist, to mark the outer edge of the upper left arm.

The layout for the face and uṣaga is as nsual. This layout is considered particularly noteworthy for the many dotails shown with a minimun number of lines, preserving an mapoiled form and vell-measured posture. The form inclines six amall units to the right at point 1. The ton small-unit topknot is shom at point 2 ; the moon-disc at point 3 ; and the tips of the lotus at point 4.

Diagram shows the legout for the form of Tarea according to the tradition of Yasel (gYa'. 801 ).

1. the meagure of the angle of the upper torso and
2. lower tormo.
3. the outer edges of the torso.
4. the meagure of the left forearm, which is drawn invarde.
5. the outer edge ofthe left thigh.
6. the lover eige of the indrama left leg.
7. the inner edge of the outotrotohed right arm.
8. the outer edge of the outatretohed right leg.
9. the outer edge of the right thigh.
10. concerning this point, nothing definite is etated.








(2) श्रांश्चिभीका

(4) प्यवपף म్










Anothor part of this fifth section concerne the layout for forms with many facos and arms, such as Soxdrang (So.eor.'brañ.ma, n poncoful fominine divinity), as shown in diagram


Firat the onntral vertical line is drawn, then the topmost horizontal line. Horixontal linem are drawn in descending orders at aix small unite, to maxiz the baen of the topknot; at three amall unite, the hairiline: at twolve amoll unitn, the face (1.0., the ohin): at three manll unite, the throat; at $t$ an small units, the centre of the chest; at twelve small units, the narroving of the waist; at ten amall units, the tops of the knees; at four amall units, the genitals; and at twelve small units, the ankle. To the right of the central vertical line, three vertical lines are drawn, at six, eeven, and trelve small unitss to the left, three vertical lines are drawn, at six, six, and ton amall units.

Next, a point ten omall unite to the right of the central vertical Ine along the topmost horisontal line is connected with the intersection of the first left vertical line and the horisontel line marking the centre of the chest, to shov the angle of the upper torso. The intersection of the first right vertical line and the horizontal line marking the throat is connected vith the intersection of the central vertical line and the horizontal line marking the genitals, to show the position of the right side of the torso: the intersection of the central vertical line and the horisontal line marking the upper edge of the knecs is connected uith the intersection of the outermost left verticel line and the horizontal line marking the throat, to show the left side. The intersection of the central vertical line and the horizontal line marking the waist is connected with the intersections of the outermost right and left vertical lines and the horisontal line marking the upper edee of the knees: this marks the outer edge of both thighs. The intersection of the outermost right vertical line and the horisontal line marking the genitals is connected vith the intersection of the second right vertical line and the horizontal line marking the ankle, to shov the outer edge of the extended right calf. Though the upper torso of this form is inclined, there is no allowance for this made in the total height.

The measure of the circles of arms is as follows: using a point four small units above the horisontal line marking the centre of the chest along the first right vertical line, an arc of radius eighteen small units is inscribed, warking the neasure of the upper right arms; a further radius of fourteen small units marks the measure of the right forearms;
and a further six small units, the measure of the hands holding the symbolic implements. From a point eight small units above the horizontal line marking the centre of the chest along the second left vertical line, sinilar arcs are inscribed to the left to give the mesaure for the left arms.

Using this model, the measure for the oircles of arms is as above for all figures: the six-armed forms such as Lomachen (lo.ma.can); eightarned forms such as Jiktensungo ('Mover of the three vorlds', a form of Tărā); ten-armed forms such as Tongchen Rabjam(another peaceful feminine divinity); and twelve-armed forms such as Sordrang. The number of arms determines the placing, while the ornaments, symbolic implements, and colours must be learnt from the respective canonical descriptions.

1. the flanking face is four small units vide.
2. the rear face is two small units wide; and for figures with more faces, these are each to be one small unit wide.
3. the moon-disc seat lies four small units above this point.
4. the trelve small-unit lotur-seat.


Still in this fifth section is the layout, in diagram
of the dakini Sukhasiddhi, a figure leaning to the left. The central vertical linc is first dram, then the topmost horizontal line marking the crown of the head. Beneath this, horisontal lines are drawn to mark: the forehead, at three small units; the chin, at tvelve small units; the throat, at four small units; the armpit, at eight small units; the centre of the chest, at four small units; the vaist, at ten small units; the navel, at tro small units; the top edge of the knee, at eight mall unito; tho mid-calf, at four mall unita; the lover edge of tho other knoe, at four amall units; the moon-diso seat, at six smull unita; the stamens of the lotus-seat, at tro small unita; and the lotus-seat itself, at ten small unita. To the right of the central vertical line, a vertical line at trelve small units maris the arapit; at ten smell units, the elbow; and at three small units, the outer edge of the knee: to the left, a vertical line at six small units marks the armpit; at twelve small units, the elbow; and at eight small units, the outer odec of the knee Next, a line is extended from a point four amall units to the right of the central vertical line along the horisontal line marking the centre of the chest, through the intersection of the central vertical line and the horizontal line marking the chin, up to the topmost horizontal line: this shows the angle of the upper torso. This point on the horizontal line marking the centre of the chest is connected with the intorsection of the central vertical line and the horisontal line marking the upper edge of the knees this shows the angle of the lower torso. The points where the outermost right and left vertical lines intersect the horizontal line marking, the upper edge of the knee are connected with the intersection of the central vertical line and the horizontal line marking the navel: this mariss the outer edge of the thighs in the crosslegged posture known ns the 'bhodisattva posture' (sems.dpa'i.akyil.krun). The inter section of the firat right vertical line and the horizontal line marking the chin is connected with the intersection of the second right vertical line and the horizontal line marking the waist, to give the outer edge of the upper right arm. The intersection of the second right vertical line and the horizontal line maricing the navel is connected with the intersection of the first right vertical line and the horizontal line marking the upper edge of the knee: this ahows the outer edge of the rikht forcurm. The intersection of the left vertical line marking th. armpit and the horizontal line marixing the armpit is connected with the
intersection of the second left vertical line and the horizontal line marking the waist; then a point two amall units above the latter point is connected rith the intersection of the outermot left vertical line and the horisontal line marking the armpit: the former line marks the inner edge of the upper left arm, the latter the inner edge of the right forearm. The left hand is held in the mudra or gesture called "indicating non-origination" ( ${ }^{\text {k }}$ (ye.med.mtahon. pa'i. phyuag. rgya), with the arm not much upraised. The remaining measures of widthe and so forth are those given in the proportions for the nine-unit model (at the beginning of this section).

1. the ten small-unit topknot.
2. the moon-diso seat is cix small units high, but four is also permissible.
3. the stamens are two small units high.
4. the lotus-seat is ten small units high.

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |

(2)





A variation of the seated form, that of the white forn of Sarasvati
(dbyens, can, drar.mo), is included in Section $\nabla$. As par diagram.
first the central vertical ling is dram, then the topsost horisontal line marking the tip of the topknot. Belov this, horigontal lines are dram in descending order to mark: the base of the topknot, at four smell units; the hairline, at three small unite; the face (i.e., the chin), at twelve small unita; the throat, at three small units; the right armpit, at four small unite; the cantre of the chest, at eight amall unite; the waist, at six small units; the navel, at aix emall units; the top of the buttocks, at eight sall units; and the gonitala, at six samall units. To the right of the central verticai line, vertical lines are drawn: at eight mall units, to mark the centre of the chest; at eight small unita, to maris the armpit; at four small units, to mark the middle of the upper arm; and at eight small units, to mark the elbou. To the left of the cemtral vertical line, vertical lines are drawn: at twelve small units, to mark the edge of the knee and the elbow; and at six small units, to marik the edge of the hand.

Next the intersection of the first left vertical line and the horizontal line marking the centre of the chest is connected rith the intersection of the centrsl vertical line and the horisontal line mariking the hairline, to shou the angle of the upper torso: the lovar tip of this oblique line at the level of the cantre of the chest is connected with the intersection of the contral vertical line and the horizontal line mariking the buttocks, to ghov the angle of the louer toreo. Phis latter intersection point is connect ed with the intorsection of the outerzest right vortical line and the horizontal line narking the ermpit: this aarks the inner edges of the upraised right laee and the right forearin. This latter intersection point of the contral vertical line and the horisontal line maricing the genitals is conneoted with the point whare the third right vertical line and the outer most leit vertical line intersect the horizontal line maraing the navel, to mark the outer edge of the upraised right and loft thighs. The intersoction of the second right vertical line and the horizontal line maricing the centre of the chest is connected rith the intersection of the second left vertical line and the horizontal line maxing the throat, to mark the inner edge of the guiter.

When draxing genitals at the level of the appropriate horizontal line, it is necessary to subtract two amall units from the vertical distance, since the upper body is raised two amall units. Otherrise, the proportions are as above for the othar feminine divinities.











(1) व्ञल゙


(4) तौन

(6) से स्तुचरेंक्षानवा


(9) त्रॉ च-

In this fifth section, the leyout for the standing form (bzhens. staba. can) of Vajravarāhi (rDo.rje. phag.mo) is shown in diagram


The central vertical line is drawn first, then the following horizontal lines in ascending order: the lovermost marking the base of the lotur seat; above this, at twelve small units, to mark the top edge of the lotus-sest; at four small units, the stamens; at four small units, the corpse trodden underfoot (zhabs.gnon); at six small units, the sun-disc; at three small units, the height of the left foot; at twelve small units, the lower edge of the knees; at six small units, the upper edge of the knees; at trelve small units, the midmigh; at six smell units, the genitals; at twelve small units, the narroving of the waist; at six small units, the centre of the chest; at twelve small units, the base of the throat; at three amall units, the chin; at twelve small poits, the measure of the face (i.e., the hairline); at three small units, the crom of the head; at six small unitg, the pig's head (protruding from the head); and at gix small units, the tips of the upawept hair. To the right of the central vertical line, vertical lines are drawn at fourteen gnell units, to mark the armpit; at eight small units, to mark the knee of the indramn right leg; and at six small units, to mark the eibow. To the left. of the central vertical line, vertical lines are drarn: at eight amall units, to mark the shoulder, hip, and the tip of the lerge toe of the left foot; at three small units, to merk the middle of the upper arm, the back of the left knee, and the edge of the sun-disc; and at eeven omall units, to mark the elbow, the outer edge of the left thigh, and the edge of the stamens.

Hext, a point six mall units to the right of tne central vertical line along the horizontal line marking the centre of the chest is connected with a point six small units to the left of the centrel vertical line along the topmost horizontal line, to show the angle of the upper torso: the lower tip of this oblique line at the level of the centre of the chest is connected with the intersection of the first left vertical line and the horizontal line marking the mid-thigh, to show the angle of the lower torso. The intersection of the central vertical line and the horizontal line marking the vaist is connected with the intersection of the outermost right vertical line and the horizontal line marking the genitals, to show the outer edge of the thigh of the indrawn right leg. In this layout, the curve of the body shortens the vertical measure by six small units for the upper body,
and fiftesn small units for the lover body: in some other manuals, this is given as one small unit for the upper body, and ten small units for the lower body; while this does not conflict with the correct proporm tions, this lattor foril has less of a curve to the posture, and I have not wet forth this laycut here.

The facs of thia figure is somewhat wrathful (zhi. ma.khro), the mouth being slightiy open with the upper and lover teoth about one grain apart and the canines slightly bared. There are vrinkles of a frown between the eyobrows. The eyes are two small units long and opensd one areall unit and two bese units vide. On top is the pig's head, looking to the leit. This divinity has outer, inner, and escret sadhänas associated with her, and forms rith two faces, one facs, etc.; so one follows vhatever is appropriate in tho circumstances when drawing Vajravarahi. The feminine divinities in the surrounding retinue are proporticned similar to the main Pigure; while the heroes (dpe'.bo, Skt. $\mathrm{Fi}^{2} \mathrm{ra}$ ), according to the holy ones of the past, are measured according to the one hundred and twenty small-unit measure of the bodhicattra model, regardiess of the difference in appearence. The mimbolic imploments and the ornaments must be verified in each case from the respective tantrantext of either the early or later translation schoole.

1. the hair ia upswopt to a height of one leage unit.
2. the pig's head is six small units long.
3. the forearm is sirteen small units long.
4. the brasst is eight small units in diameter.
5. the oblique line showing the angle of the lower body can also be extenciod as ahown.
6. the suri-disc has a height (i.e., foreshortened diameter) of six amall mits.
7. the corpsemseat has a height of four smsil units,
8. the stazsns, of four small unita, and
9. the lotus-seat, of twelve small units.




























Also in this fifth section are the forms like Sengdongma (Sen. gdon. ma), wrathful feminine devinities with extremely curved posture, as shown in diasram . First the contral vertical line is drawn, then
the following horizontal lines in ascending order: the lowermost line to mark the bottom edge of the lotus-seat; above this, a line at twelve small units to mark the top edge of the lotus-seat; at two small units, the sun-disc; at ten small units, the height of the left foot; at eight small units, the lower edge of the knees; at four small units, the upper edge of the knees; at twelve small units, the genitals, and the indrawn right foot; at ten small units, the navel, base of the thigh of the indram right leg, and wrist of the right arm; at eight small units, the centre of the chest; at three small units, the left armpit and elbow; at tyelve small units, the measure of the face (i. $\theta_{\text {. , the hairline); at }}$ four small units, the cromn of the dry skulls; and at eight small units, the tips of the upsuept hair. To the right of the central vertical line, vertical lines are drawn: at eight small units, to mark the shoulder, the base of the thigh, and the tip of the large toe of the right foot; at twelve amall units, to mark the right knee and elbow; and at twelve small units, to mark the edge of the clenched hand. To the left of the central vertical line, vertical lines are drawn: at eight small units, to mark the tip of the nose and the genitals, and the tip of the large toe of the left foot; at ten small units, to mark the outer edge of the left thigh; and at four small units, to mark the left elbow.

Next, the intersection of the second left vertical line and the horizontal line marking the tip of the skull-crown is connected with the intersection of the first right vertical line and the horizontal line marking the centre of the chest, to show roughly the angle at which the head is held: the latter point is connected with the intersection of the first vertical line on the left and the horizontal line marking the genitals, to ehow the angle of the lower torso. The intersection of the first right vertical liae and the horisontal line marking the armpit is connected with the intersection of the outermost right vertical line and the horizontal line marking the tip of the akull-crown, to show the extent to which the right arm is upraised. Then, the interm section of the first right vertical line and the horizontal line marking the waist is connected with the intersection of the outermost right vertical line and the horizontal line marking the genitals, to mark the outer edge of the thigh of the indram right leg. The inter-
section of the central vertical line and the horizontal line maricing the top of the left foot is connected with the intersection of the second left vertical line and the horizontal line marking the upper edge of the knees, to mark the outer edge of the calf of the extended left leg. The intersection of the first left vertical line and the horizontal line marking the armpit is connected with the intersection of the second left vertical line and the horizontal line marking the centre of the chest, to shov the inner edge of the upper left arm. In this model, the vertical measure of the upper body is shortened by twenty-one smell units, and that of the lower body by twenty-one small units, due to the extremely bent posture. Very wrathful forms such as Trönak (Khros.nag, a krathful feminine divinity) and so forth should be measured according to the proportions.

1. $y$ own tradition defines this as the central vertical line,
2. but some others take this to be the central line, since it connects head and genitals.
3. there is also a method of extending the line showing the angle of the upper torso to this point.
4. a method exists of extending the line of the right arm to this-point, but one should consider the difficulty of drawing the figure in accordance with this layout.
5. the measures of the sole of the left foot and the corpse.
6. the sun-disc seat has a foreshortened diameter of two small units, and
7. the lotus-seat a height of twelve small units.








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A particular variation of the curved posture treated in Section $V$ is the layout in diesram for the red form of khecerI (m\&hs', spyod. dmar.mo). The central vertical line is dravm first, then the folloring horizontal lines in ascending order: the lowermost marising the base of the seat; above this, at twelve small units, the top edge of the lotusseat; at four small unita, the sun-disc seat; at four small units, the supine and prone figures underfoot; at three small units, the tops of the feet; at ten mall units, the midecalves; at twelve small units, the lover edges of the knees; at three small units, the top edges of the knees; at four suall units, the mid-thighs; at twelve small units, the genitals; at twelve small units, the navel; at twelve amall units, the centre of the chest; at twelve small units, the base of the throat; at three gmall units, the chin; at trelve emall units, the measure of the lace. To the rigit of the central vertical line, vertical ines are drawn: at trelve small units to mark the topknot and the right elbow; at trelve small units to mark the right knee; and at trelve small units to mark the upper part of the right foot. To the left of the central vertical line, vertical lines are dramn: at twelve small units to mark the left shoulcer and heel; at six small units to mark the left nipple and the sole of the left foot; at six gmall units to mark the knee and toes of the left les; and at twelve gmall units to mark the lower tip of the gtaff (khā。trān.ga).

Next, the intersection of the central vertical line and the horizontal line marking the chin is connected with the intersection of the third right vertical line and the horizontal line marking the genitals, to mark the outer edge of the right arm, which is extonded downwards. The intersection of the cemtral vertical line and the horizontal line marking the centre of the chest is connected with the intersection of the fourth left vertical line and the horizontal line marising the forehead, to mark the lower edge of the upraised left arm. The intersection of the central vertical line and the horizontal line marking the centre of the chest is further connected with the intersection of the third right vertical line and the horizontal line marking the tops of the feet, to shou the outer edge of the extended right leg: while the intersection of the third right vertical line and the horizontal line marking the soles of the feet is connected with the intersection of the central vertical line and the horizontal line marking the genitals, to show the inner edge of the right leg. The intersection of the central vertical line and the horizontal line marking the genitals is
connected with the intergection of the second left vertical line and the horizontal line marking the upper edges of the knees, to show the inner edge of the left thigh: and the intersection of the first left vertical line and the horizontal line marking the navel is connected with the intersection of the third left vertical line and the horizontal line marising the upper edges of the knees, to show the outer edge of the left thigh. The intersection of the third left vertical line and the horizontal line marixing the lover edges of the knees is connected with a point three small units towards the central vertical line from the second left vertical line along the horizontal line marking the tops of the feet, to show the outer edge of the left calf. Lastly, the intersection of the third right vertical line and the horizontal line marking the forehead is connected rith the intersection of the fourth left vertical line and the horizontal line marising the base of the throat, to show the angle and the measure of the staff.

It is stated that the twelve amall -unit measure for the width of the face must include the right ear, and that the left upper arm has a shortened length. Also, the semi-crouched posture shortens the usual measure of the lover body by ten small units. The widths for the upper and lower body are as given previously, and the symbolic implements, ornaments, and so forth should be portrayed according to the canonical descriptions.


(d) सम करल











 БГतr:







(2) वि•க゙



Included in section $v$ is the layout for the red form of $k$ becari according to the system of ricgume ( $N 1 . g u_{0}$ Iugs.kyi.mkha'.spyod. dmar.mo), shown in diagram - The central vertical line is draw, then the following horizontal lines in ascending order: the lovermost, werking the sole of the foot: at eight small units above this, to maris the right ankle; at ten gmall units, the lower edge of the right knee; at four small units, the upper edege of the right knee; at twelve small units, the mid-thigh; at four saall units, the genitals; at ton small units, the navel and the right elbow; at four small units, the narrowing of the waist; at eight small units, the centre of the chezi, loft knee, and right armpit; at ten small units, the left armpit, throat, and right ear; at ten smail units, the forehead and left elbow; at aix mall units, the middle of the left forearm an the tips of the toes of the left foot; and at eight small units, the left wrist. To the right of the central vertical Iine, vertical lines are dram: at aix small unita to mark the right armpit; at four small units to mark the tipsof the toes of the right foot, the right hip, the middle of the right ear, and the centre of the brow; and at six small units, to mark the outer edge of the right thigh, the right elbcw, and the forehead. To the left of the central vertical line, vertical lines are dram: at eight small units to mark the left armpit; at eight gmall units to mark the hollow of the knee; and at six srall units to mark the left knee and elbow.

Next, the intersection of the first right vertical line and the borizontal line marking the throat is connected with the intersection of the outermost, right vertical line and the horizontal line marking the genitals, to show the outer edge of the right arm, which is extended downwards. The intersection of the first left vertical line and the horizontal line marking the throat is connected with the intersection of the outermost left vertical line and the horizontal line narkine tie forehead, to show the inner edge of the left upper arm. The, intersection of the central vertical line and the horizontal line marking the navel is connected with the intersection of the second right vertical line and the horizontal line marking the throat, to mark out the right side and Mrpit. Misis intersection of the central vertical line and the horimontal line marking the navel is further connected with the intersection of the second left vertical line and the horizontal line marking the . rentre of the chest, to mark the inner edse of the upraisod left thish:
the outer edge is marked by connecting the intersection of the first vertical line and the horizontal line marking the genitals with the intersection of the outermost left vertical line and the horizontal line. marking the centre of the chest. The intersection of the first right vertical line and the horizontal line marking the genitals is connected with the intersection of the second right vertical line and the horizontal line marking the upper edge of the right knee, to mark the inner edge of the right thigh: uhile the intersection of the third right vertical line and the horizontal line marking the lower edge of the right knee is connected with the intsrsection of the central vertical line and the horizontal line marking the ankle, to show the outer edge of the right calf. The intersection of the outermost right vartical line and the horizontal line marking the forehead is connected with the intersection of the outermost left vertical line and this forehead line, to demonstrate the measure of the staif. The curved posture of this figure shortens the vertical measure of the upper and Ioser body by two large units and four small units. The width measurements are as given previously, and the ormaments and implements as given in the appropriate texts.

1. this line may also be considered the central vertical line.
2. the lensthmeasures six large and eight small units.
3. some artists drav as shom here, but this is an error.
4. the left foot is drawn as shown here, pointed towards the ear.












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The layout of diagram is still a part of section $V$ : the
white form of Khecari according to the Shangpa system (Sans. Iugs.mkhs'. spyod. dkar. mo). The central vertical line is drawn, then the topmost horizontal line mariking the jewel-tip of the topknot: below this, at two Exall wits, a line marikig the base of the jevel-tip; at aix amall mits, the base of the topknot; at three small mits, the hairline; at tyelve emall mita, the chin of the face; at three mall units, the throat; at eight small units, the contre of the chest; at twelve amall units, the navel; at eight small units, the tops of the buttocks; at eight small units, the genitals; at six mall units, the moon-disc soat; at Pour small units, the stamens; at four amallunits, the base of the lotus-aeat; and at twenty small units, the lover tip of the tetrahedron (chos, 'byun). To the right of the central vertical line, vertical lines are dram: at eight amall units to mark the centre of the chest; at ten small units to maxi the midde of the right foot, sols pointing foruard; and at twelve small units to mark the right elbow. To the left of the central vertical line, vertical lines are drawn: et twelve mall units to mark the beel of the left foot pointing towards the ear, the mid-upper arm, and the midmthigh; at ten small units to maris the left knee; and at eight amall units to mark the left wriet.

Next, the intersection of the central vertical line and the horizontal line marking the forehead is connected with the intersection of the first right vertical line and the horizontal line marking the centre of the chest, and the latter point is connected with the intersection of the cantral vertical line and the horizontal line marking the genitals: this shows the angle of the upper and lower torso. The intersection of the central vertical line and the horizontal line marking the stamens is connected with the points where the outermat right and left vertical lines intersect the horizontal line marking the centre of the chests this gives the outer edges of the thighs of the upraised lags. The points three large mits to the right and left of the central vertical line along the horizontal line marking the genitals are connected with the intersection of the central vertical line and the lowermost horizontal lines from this one can see the size of the tetrahedron. The other proportions not explicitly set out here can be measured according to the standard layout for the ninemunt model.






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Section VI : The Proportions for Wrathful Forms on the model of the Lord of Death (Skt. Yama; Tib. gŚin, rje.khros. pa)

The face is twelve small units long, the throat four small units: then twelve small units to the centre of the chest; twelve small units to the navel; twelve to the genitals. The thighs are eighteen small units long, the knees four small units, the calves eighteen small units, and the feet are four small units in height. The total height of the figure is given as ninety-six small units: adding to this four small units fom hairline to crown actually makes for one hundred small units, but the manuals give eight large units (i.e., ninety-six small units) as the model.

The face is twelve small units wide; the mouth is gaping, with two small unita between the upper and lower teeth; the lips are onehalf a small unit thick; and the teeth are a uniform one-half a small unit in length, with the canines one small unit long. There is a small distance of six and one-half amall units between the dimples (zhal.ikhug). The whiskers (sma. ra) are two small units across the top (at the roots), and hang three and one-half gmall units long. The chin (so.gdan) is one small unit long, and two small units wide. The eyes are three small units wide, thumb-shaped (mthe.bon.gi. dbyibs. can). The ears are the same width (i. $0_{0}$, two small units). The eyebrows (smin.ma) are two small units wide and four small units long. The cheakbones (mkhur. sgon) are two small units wide. The top of the skull (from hairline to crokn) and the skull-crown are both four small units in height: at the top of the dry skuIls of the crown are jewel-tips two small units in height. In the middle of the hair of the head is the form of the "lord of the family" (rigs,bdag, i.e. the buddha of the particular family with which the figure is associated), four small units high. The tips of the hairs are two small units above this.

The throat is ten small units wide; the rounded breasts four small units in diameter; and the arms about eight small units and three grains thick at the shoulder, six small units thick above the elbow, seven small units thick at the thickest part of the forearm, and four small units thick at the wrist. The length and width of the hends are as given previously (Section I), though thicker. There is one large unit from the centre of the chest to the armpit. The torso is eighteen small units wide at the narrowing of the waist, twenty smali units across at the navel, and the navel 'dimples' (Ite.khun) are one small unit in size. The shaft of the erect penis is four
small unita long, the glans two gmall units long, and tha garotum three small units long and six small units wide. The thighs are fifteen mail units thick at the base in the groin, ten small units thick at the knee; the midmcalves are eight small units and three base units thick; the ankles, five and one-half small units. The feet are fourteen amall units from heel to large toe: and the distance between the beels of the bent and extended legs is three or three and one-helf large units, yhichever is appropriate.

Wrathful-Yama forms are said to exhibit nine 'moods' (gar.gyi. nams. $d g u$ ), of these, three are physical attributes, playfulness due to a passionate mood; courageousmess due to a mood of wrath; and ufliness due to a mood of stupidity. The three verbal and three mental attributes cannot, of course, be drarn. Moreover, in accordance with their description as being terrible. Lerocious, and aresome in appearance, the mouth is gaping with fengs bared; the hair streams upzards; the eyes stare; the tongue lolls; the whiskers and eyebrows blaze upwards like flames; the expression is scowling; the legs ene spread in a stradding posture ('dorestabs) with one leg extended straight, the other bent slightiy; the hands point threateningly; and so forth. The method of laying out the lines for a figure with such a posture is show in diagram (T) First the central vertical line is drawn, then the following horizontal lines in ascending order: the lowermost, marking the base of the lotug-seat; above this, at twelve small units, the top edge of the lotus; at four small units, the sundisc seat; at eight small units, the corpse-seat; at six small units, the ankles; at trelve small units, the upper edge of the knees; at if: small units, the genitals; at twelve small units, the nevel; at six small units, the narrowing of the waist; at twelve small units, the upper chest; at aix small units, the base of the throat; at four small units, the chin; st twelve small units, the forehead; at four small units, the crom of the head; and at eight small units, the tips of hairs of the head. To the right of the central vertical line, four vertical lines are drawn at twelve, six, six, and twelve small units: to the left, four vertical lines at six, six, trelve, and twelve small units.

Next, a point four small units to the left of the central vertical line along the horizontal line marking the tips of the hairs (the top most line) is connected with a point six small units to the right of
the central vertical line along the horizontal line marking the centre of the chest, to show the angle of the upper torso: the latter point is connected with the intersection of the central vertical line and the horizontal line marking the genitals, to show the angle of the lower torso. The intersection of the first right vertical line and the hori-. zontal line marking the chin is connected with the intersection of the outermost right vertical line and the horizontal line markine the forehead, giving the upper edge of the upraised right arm: while the intersection of the first left vertical line and the horizontal line marking the base of the throat is connected with the intersection of the outermost left vertical line and the horizontal line marking the waist, giving the upper edge of the downward-pointing left arm. The intersection of the first right vertical line and the horizontal line marking the waist is connected with the intersection of the third right vertical line and the horizontal line marking the genitals, showing the outer edge of the right thigh; and the intersection of the third right vertical line and the horizontal line marking the upper edge of the knee is connected with the intersection of the second right vertical line and the horizontal line marking the ankle, showing the outer edge of the calf of the indram right leg: while the intersection of the second left vertical line and the horizontal line marking the waist is connected with the intereection of the outermost left vertical line and the horizontal line marking the soles of the feet, showing the outer edge of the extended left leg; and the inner edge is shown by connecting the intersection of the central vertical line and the horizontal line marking the genitals with the intersection of the third left vertical line and the horizontal line marking the ankle. Connecting the intersection of the central vertical line and the horizontal line marking the anicle with the intersection of the third right vertical line and the horizontal line marking the chin, one can'see the curve of the belly and side.

In some manuals, the calves are drawn with an actual vertical measure of eighteen small units, while the thighs are eighteen small units along the length with the posture shortening the actual vertical measure; but this results in the calves being incorrectly long: it is important to understand that while the calves and thighs are both eighteen small units long vertically when the figure is standing erect, to draw them so when the legs are bent out to the sides will result in exceeding the correct measure. So in this case, it is most appropriate
considerine the correct proportions, to draw the calves with four small units, and the thighs with fourteen small units, subtracted from the vertical height.

1. the angle is four small units to the left.
2. the length is fourteen small units,
3. twelve small units,
4. eighteen small units,
5. eishteen small units, and
6. fourteen small units.
7. the width is eight small units and one base unit,
8. fifteen small units, and
Y. eighteen small units.

IO. the distance from the central vertical line to the armpit

## is twelve small units.

II. the width is eight small units and three grains,

I2. six small units,
13. seven small units, and
14. Sour small units.

I5. the length is eight small units.




The layout for a masculine wrathful divinity's face is show in diagram


1. tho width is six base units,
2. the length is four small units.
3. the surrounding bend is one base unit wide.
4. the upward oblique measure is three base mits.
5. the massure is one base unit and one grain.
6. there is a space of two and one-half small units, and a
length of three smsil units.
7. three small mits in size.
8. the width is two small units,
9. the length is four small units.

IO. the height is one amall unit.
II. the width is onemalp of a small unit.

I2. the space is two small units.
I3. the height is one-half of a small unit.
I4. three small mits at the base, two small units in the middle, and one and one-half small units at the tip.

I5. the height is one small unit.
This diagram of the masculine wrathful divinity's face belongs to the discuasion of proportions for wrathfill forms follouing the model of Yama (gSin.rje.Itar.khros.pa): there are various ways of laying out the Iines, and different methods of explaining the process. Although no one definite diagram and explanetion can be given, in general this example can be taken as authoritative. The learned masters of Tibet beld that the mouth and eyes are more widely opened in the 'wrathful yaksat ( $\mathrm{BNO}_{\mathrm{A}}$ sbyin.khros. pa) model (see Section VII) than in the Yama model, and that the mouth and eyes of the 'wrathful demonic' (Srin.po. kirosepa) model are still more xidely opened; and that as each of these three models has their respective Pacial measurementa and bodily measurements, the faces are drawn increasingly wrathful. It should also be noted that however widely the mouth is opened, that much height must be subtracted from the measure of the throat.




In this gixth section, diagram

form of Vajrabhairava (rDo.rjo.'jigs.byed). First the central vertical line is drawn, then the following horizontal lines in ascending order: the lovermost marking the bass of the lotus-seat; above this, at twelve small units, the top sdge of the lotus-seat; at two small unita, the sun-disc geat; at eight small units, the figure of the bull trampled underfoot; at four small units, the soles of the foet; at four small units, the tops of the feet; at twelve small units, the lower edge of the knees; at four small units, the upper edge of the knees; at two small units, the genitals; at twelve small units, the navel; at twelve small unita, the centre of the chest; at six small units, the armpits; at six small units, the base of the throat; at four small units, the chin; at twelve small units, the forehead of the central buffalo face; at six small units, the height of the skull-crowa; at eight small units, the deron-face; at four small units, the distance from forekead to crom of the demon-face; at six amali unita, the face of Kañjúsi; at two small wifts, the distanco from forehead to crown and at four small unita, the topknot with tho jowel-otip. To the right of the central vertical line, three verticel lines are dram at twelve, six, and six small units: to the left, three yertical lines at six, six, and twelve small waits.
Next, a point aix smell units to the right of the central vertical line elong the horizontal line marking the centre of the chest is connected with the intersection of the central vertical line and the horizontal inne marking the forehead, to show the measure of the angle of the upper torso: the lower tip of this oblique line (i.e., this former point at the level of the centre of the chest) is connected with the intersection of the central vertical line and the horizontal line marking the genitals, to show the angle of the lowcr torso. The intersecticn of the central vertical line and the horizontal line marining the genitals is further connected with the intersection of the outermost left vertical line and the horizontal line marking the upper edge of the knees, giving the inner edge of the extended left leg; the intersection of the fisst left vertical line and the horizontal line marking the centre of the chest is connected with a point six small units out from the outermost left vertical line along the horizontal line marking the top of the feet, giving the outer edge of this extended left leg. The outer edge of the right thigh is marked by connecting the intersection of the first right vertical line and the horizontal line marking the navel with the intersection of the outermost richt

Vertical line and the horizontal line marising the upper edge of the knees; while the inner edge is marked by connecting the intersection of the first right vertical line and the horizontal line maricing the lower edge of the knee with the intersection of the central vertical line and the horizontal line mariking the genitals. To the right and left of the contral buffalo head, the flanking faces sach measura four amall unita in width, and each of the secondary flanking tacas two small units in width. por thu circle of arma, a point four masll units above the horizontal line marking the contre of the chest along the second right vertical line is taken as osntre to inseribe an are of radius sixteen small units to mark the upper arms (at the olbow), a further fourteen small units to marik the forearms (at the wrista), and a further eight small units to mark the hands of the right arms. Then similar arcs are inscribed to the left side, using as contre e point two small units above the horizontal line marking the contro of the chest along the first left vertical line, thus giving tho measaroz for the left arms. The layout for the buffelo head is not clearly sat out, being something one learns personally from one's teacher: the other faces are in accordance with the general model for frathful faces. Since the ornaments, symbolic implements, and so forth differ slightly from one sedhena to another, one must follow the domands of the psrtim cular situation.

As for the progressive shortening of the upper arms towards the front, it is explained that the rear arms are hidden, so one must examine the fact that even though the forearms should become progressively shorter, they in fact do not.



## Section VII : The Proportions for Grathful Yakgs (gNod, sbyin,khros, pa) Models

The proportions for this form are show in diagram


First the contral vertical line is drawn, then the following horizontal lines in ascending order: the lowerwost marking the base of the lotugseat; above this, at trelve small units, the top of the lotus-seat; at four small units, the sun-disc seat; at four small units, the corpseseat; at four small units, the top of the feet; at twolve small units, the calves; at four small units, the genitals; at fourteen small units, the navel; at six amall units, the contre of the chest: at twelve small units, the base of the throst; at four small units, the chin; at trelve small units, the forehead of the face; at four small units, the crom of the hoad; and at twelve small mits, the tips of the hairs of the head. To the right of the central vertical line,four vertical lines are dram at twelve, six, eight, and ten swall upits: to the left, four vertical lines at tyelve, twelve, six, and six small units.

Next, a point six small units to the left of the central vertical line along the horizontal line marking the tips of the hairs (the topmost line) is connected with a point ten small units to the right of the central vertical line along the horizontal line marking the centre of the chest, marking the angle of the upper torso: the latter point is connected with the intersection of the central vertical line and the horizontal line marking the genitals, marising the angle of the lover torso. The intersection of the central vertical line and the horizontal line marking the genitals is connected with the intersection of the outermost left vertical line and the horizontal line marking the soles of the feet, to give the inner edge of the extended left leg; connecting the intersection of the outermost left vertical line and the horizontal line marking the top of the feet with the intersection of the first left vertical line and the horizontal line maricing the navel gives the outer edge. The intersection of the first right vertical line and the horizontal line marking the centre of the chest is connected with the intersection of the third right vertical line and the horizontal line marking the genitals, to show the outer edge of the thigh of the bent right leg: while the intersection of the second right vertical line and the horizontal line marking the top of the feet is connected with the latter point, to show the outer edge of the right
calf, the intersection of the central vertical line and the horizontal line marking the base of the throat is connected with the intersection of the outermost right vertical line and the horizontal line maricing the crown of the head, to give the upper edge of the upraised right arm: and the intersection of the first left vertical line and the horizontal line marking the throat is connected with the intersection of the third left vertical line and the horizontal line marking the centre of the chest, to give the outer edge of the upper left arm.

The layout for the face is as explained above (Section VI). This model is said to have thick limbs, a large belly, a short neck, and fat cheeks.

1. the angle is six small units to the left.
2. one also sees this line extended to the intersection of the central vertical line and the horizomtal line marking the basa of the throat.
3. the height is ton small units.



























Still in Section VII, a variation of proportions for the wrathful yaksa model is the layout for the figure with the lower body shaped like the blade of a dagger (phur. fam), sbown in diagram
 - First the contral vertical line is drawn, then the following horizontal lines in descending order: the topmost line marking the tips of the hairs of the head; below this, at twelve small units, the roots of the hairs; at four small units, the hairline; at twelve small units, the chin; at four small units, the base of the throat; at twelve small units, the centre of the chest; at eight small units, the navel; at four amall units, the base of the blade (dbal.rtse); at trelve small units, the tip of the crocodile's fang; then, at thirty-two small units, the tip of the blade of the dagger (dbal.sne). To the right of the central vertical line, two vertical lines are drawn, at twelve and sixteen small units: to the left, two vertical lines, at sirteen and twelve small units.

Next, a point four small units to the left of the central vertical line along the topmost horizontal line is connected with a point six small units to the right of the central vertical line along the horizontal line marking the centre of the chest, to show the angle of the upper torso: the lower end of this oblique line is connected with a point four small units to the left of the central vertical line along the horizontal line marking the tip of the blade (the louermost line), to show the angle of the lower torso and the front edge of the dagger blade. The lower tip of the former line (the point along the horizontal line marking the centre of the chest) is connected with two points, at the intersections of the outermost right vertical line and the first left vertical line and the horizontal line marking the contre of the chest: this shows the right and left edges of the blade. These two letter points are connected with the intersection of the oblique line marking the front edge of the blade and the horizontal line marking the fang-tip: this shows the exact line of the upper edges of the blade. The crocodile's face forming the lover torso, with horns and fangs and so forth, is not clearly sot out in the manuals; one must have personal instruction from someone within the tradition. The fact that this form is twenty small units longer than the wrathful yaksa model is due to the blade of the dagger involving no compensatory reduction in height due to the angle, but strictly speaking the proportions are actually those of the wrathful yaksa model. The ornaments, symbolic implements, the figures trampled underfoot and so forth, vary according to the particular sādhana or revealed teaching (gter.kha): the drawing must accord with the particular cirsumstances. 1. four small units to the left.
2. one also sees the dagger's width enlarged by extending out
a further four small units here.
3. the measure of the supine "king-demon" (rsyal.po).
4. the measure of the stamens at the mouth of the lotus.
5. one sometimes sees two small mits subtracted inserds here.
6. four small units below the above point is also explained as where the tip of the blade pokes through the heart of the comon trampled. underfoot.

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A particular variation in this seventh section is the kneeling posture shown in the layout for Acala (Mi.gyo.ba) in diagram


First the contral vertical line is drawn, then the following horizontal Ifnes in dascending order: the topmost line marking the tips of the hairs of the head; below this, at twelve small units, the roots of the hairs; at four small units, the forehead or hairline; at twelve small units, the chin; at four small units, the throat; at eight small units, the centre OP the cheat; at trelve small units, the navel; at four small units, the upper edge of the right knee; at four small units, the lower edge; at eight snall units, the genitals; at eight small units, the lower edge of the left knee kneeling on the seat. To the right of the central vertical line, three vertical lines are drawn, at ten, twelve, and four small units: to the left of the central line, three verticai lines are drawn, at six, four, and eight small units.

Next, draw a line marking the angle of the upper torso from the intergection of the firgt right vertical line and the horizontal line the centre of the chest through the intersection of the central vertical lins and the horizontal line marking the forehead. The intersection of the lower end of this oblique line (at the level of the centre of the chest) is connected with the intersection of the central vertical line and the horizontal line marking the genitals, to show the angle of the lover torso. The intersection at the level of the centre of the chest is further connected with the intersection of the outermost right vertical line and the horizontal line marking the upper edge of the right knee, to show roughly the measure of the knee. The latter point is then connected rith the intersection of the central vertical line and the horizontal line marking the lower edge of the left knee, ghowing the line of the ghin of the bent of the right leg. The latter point is in tum connected with the intersection of the first left vertical line and the horizontal line marking the navel, to show the front edge of the thigh of the kneeling left leg. The intersection at the level of the centre of the chest is further connected with the intersection of the outermost left vertical line and the horizontal line marking the upper edge of the right knee, to show the edge of the hip. This latter point is then conneoted uith the intersection of the second left vertical line and the horizontal line marking the lower edge of the knee, to give the outer edge of the left thigh. The intersection of the first
right vertical line and the horizontal line marking the chin is connected with the intersection of the third right vertical line and the horizontal line marking the hairline: this gives the upper edge of the upraised right arm. The intersection of the central vertical line and the horizontal line marking the chin is connected with the intersection of the outermost left vertical line and the horizontal line marking the centre of the chest, showing the outer edge of the upper left arm. There is a difference of one additional unit between this model and that of the proportions for the wrathful yaksa model.

1. the six small-unit measure of the figure trampled underfoot.
2. the two small-unit sun-disc seat.
3. the one large-unit lotus-seat.







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Also in this section is the layout for the form of Rāhula (Eza'. mchog. chen. po) shown in diagram
 - First the central vertical line is drawn, then the following horizontal linea in asconding order: the lowest line marking the lower edge of the lake of blocd: above this, at twelve small units, the surface of the lake; at fiftesn small unite, the base of the coiled snake tail; at three small unita, the faca or mouth in the belly; at twelve small units, the narroving of the waiat; at trelve small units, the base of the throat; at three small units, the chin; at twelve small units, the hairline of the central face; at three small units, the crom of the head; at eight emall units, the hairline of the middle face; at three small units, the crokn of this midala face; at six small units, the hairline of the upper facs; at two small units, the crown of this upper face; and at four small units, the crow's head. To the right of the central vertical line, three vertical lines are dram, at eight, twelve, and twelve small units: to the leit, three vertical lines, at aix, tuelve, and eight small mits.

Next, the intersection of the central vertical line end the horizontal line marking the forehead is connected with the intersection of the first right vertical line and the horizontal line marking the waist, and this point is in turn connected uith the intersection of the centrel vertical line and the horizontal line marking the base of the tail: theso lines show the angle of the upper and lower torso. The intersection of the first right vertical line and the horizontal line marking the chin is connected with the intersection of the outermot right vertical line and the horizontal line marking the forehead: this gives the measure of the upraised right arm. The intersection of the first left vertical line and the horizontal line narking the chin is connected with the intersection of the outermost left vertical line and the hoxizontal line marking the waist: this gives the measure of the extended left arm. Though the distance from the centre of the chest to the armpit is one large unit, and the upper arm is either sixteen or eighteen small units from shoulder to elbow, this form is said to follow the proportions of the vrathful yakṣa model. Since the lensth of the snake tail is not specified, the custom is simply to draw whatever length looks best. As for the mouth in the belly, it can be drawn with or without a tonsue showing: similarly, there are various methods of drawing this mouth with a nose above, or without. Since these points are not clearly specified in the litureies, one must look to authentic texts with detailed descriptions. Also, if
this figure is drawn according to the system of the great terton Yongay (Yons.dgeiki.' gur.rdo.rje), it has thirteen facess above the upper face is a further face four small units in height, vith an additional one and onewalf small units from hairlins to crown, above which is the crow's head three small units high. The flanking faces to the right and the left are measured to a width one-third that of their respective central faces. other than a reference to 'multiple eyes' covering the body, no specific number of eyes is mentioned.






Stili in this seventh soction are the proportions of mounted formo (zhon.pa. can), as illustrated by the layout for Śridevi (dpal.Idan. Iha. mo) in diagram arst the central vertical line is drawn, then the following horizontal lines in descending order: the topmot lins marising the tips of the hairs of the head; below this, at six small units, the top of the bound hair; at sir small units, the forehoad; at kwelve small units, the throat; at four small units, the armpit and the mount m Pore head; at eight small units, the narrowing of the waist and the rount's eyebrovs; at four small units, the navel and the mount's face; at aix small units, the top edge of the knees and the mount's hip end noss; at four small units, the genitals, the lower edge of the knees, and the mount's jaw and ahoulderblade; at trelve mall units, the ankle, and the centre of the mount' $a$ body; at six amall units, the mount's belly; at four small units, the fetlocks of the mont; at twelve small units, the tops of the hooves; and at six small units, the tips of the hooves. To the right of the central vertical line, vertical lines aro drama: at twelve small units to mark the right breast and the crupper of the sadde formed of a demon's upper jaw; at four small units to marik the armpit; at twelve small units to mark the middle of the mount'g throat and the tips of the front hooves; at six small units to mark the outer edge of the right arm and the middle of the mount's face; and at aix small units to mark the edge of the mount's muzzle. To the left of the central line, vertical lines are drawnat aix samall mita to mark the edge of the fore head, the shoulder, and the base of the left thigh; at trelve small units to mark the elbow and the withers; at six small units, the wrist and the edge of the knee; at trelve small units, the mid-haunch of the mount; and at six small units, the outer edge of the mount's haunches.

Next, the intersection of the first left vartical line and the horizontal line marking the forehead is connected with a point ten gmall units to the right of the central vertical line along the horizontal line parking the waist, and then this latter point is further connected aith the intersection of the central vertical line and the horizontal line marking the genitals: these lines mark the angle of the upper and lower torso. The intersection of the second right vertical line and the horizontal line marking the throat is connected with the intersection of the outermost right vertical line and the horizontal line marking the hair: this shows the measure of the upraised right arm. The intersection of the
first left vertical line and the horizontal line marking the throat is connected with the intersection of the third left vertical line and the horizontal line marking the navel to give the line marking the upper edge of the pointing left arm: the intersection of the central vertical line snd the horizontal line marking the armpit is connected with the intersection of the second left vertical line and the horizontal line marking the navel to give the lover edge. The aintersection of the first left vertical line and the horizontal line marking the navel is connected with the intersection of the third left vertical line and the horisontal line marking the top edge of the knees, giving the upper edge of the left thigh. The intersaction of the third left vertical line and the horizontal Iine marking the genitals is connected rith the intersection of the first left vertical line and the horizontal line marking the ankle, giving the line marking the outer edge of the shin of the left leg. The intersection of the first right vertical line and the horizontal line marking the fetlocks is connected with the intersection of the second left vertical line and the horizontal line marking the withers, to show the lower edge of the withers. The intersection of the first right verticsl line and the horizontal line marking the mount's belly is connected with the intersection of the right vertical line marking the mount's throat and the horizontal line marking the tips of the hooves: this shows the measure of the extended left front leg of the mount. The interaection of the outermost right vertical line and the horizontal line marking the ankle is connected with the intersection of the fourth right vertical line and the horizontal line marking the joint at the top of the hooves: this shows roughly the measure of the indrawn right front leg of the mount. As the remaining proportions for the mount are not clearly delineated, one must draw based upon one's own judgement. The omaments and symbolic implements must be dram in accordance with the canonical descriptions, since there are many variations.






 5－न－




 सर
 नाल⿱宀ा卜 न気



（2）₹




（7）太ोनकन बसनाएँ


Section VIII : The Proportions for Wrathful Demons (Srin. po. Itar,khros.pe) Models

The layout for this form is given in diagram

central vertical line is drawn, then the following horizontal lines in ascending order: the lovest line marking the base of the lotus; above this; at twelve small units, the top edge of the lotus-seat; at six small units, the corpse trodden underfoot; at six small units, the ankles; at six small units, the genitals; at eight small units, the lover abdomen; at eight small units, the narrowing of the waist; at four smell units, the centre of the chest; at twelve small units, the throat; at twelve small units, the forehead or hairline; and at iwelve small units, the tips of the hairs of the head. To the right of the central vertical line, four vertical lines are dram, at eight, eight, eight, and six small units: to the left, four vertical lines, at six, six, twelve, and twelve small units.

Next, the intersection of the first left vertical line and the horizontal line marking the tips of the hair (the topmost line) is connected with the intersection of the first right vertical line and the horizontel line marking the waist, to show the angle of the upper torso: the latter point is further connected with the intersection of the central vertical line and the horizontal line marking the genitals, to shov the angle of the lower torso. The intersection of the central verticel line and the horizontal line marizing the throat is connected with a point slichtly below the intersection of the outermost right vertical line and the horizontal line marking the tips of the hair (the topmost line); this gives the upper line of the upraised right arm. The intersection of the first left vertical line and the horizontal line marking the throat is connected with the intersection of the outermost left vertical line and the horizontal line marking the waist; this gives the upper line of the outstretched left arm. The intersection of the first left vertical line and the horizontal line marking the waist is connected with the intersection of the third left vertical line and the horizontal line marking the antles. to show the outer line of the outstretched left leg: the intersection of the central vertical line and the horizontal line marking the genitals is connected with the intersection of the third left vertical line and the horizontal line marking the corpse, to show the inner line of the left leg. The intersection of the first right vertical line and the horizontal line marking the centre of the chest is connected with the intersection

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of the third right vertical line and the horizontal line marking the
lower abdomen, to give the outer edge of the right thigh: the latter
pint is then connected with the intersection of the second right vertical
line and tha horizontal line marking the corpse, to give the outer edge
of the chin of the indram right calf. Although the vertical height is
said to be siz small units short (due to the semincrouched posture) , the
model here is actually shortened by twelve small units, though figures
With more of a crouching posture involve even more shortening: since this
figure is said to be of very coarse, tense, and fierce mien, it should
bo so axawn.
1. length of one large unit, and width of thirty-eight small
units。
2. length of one large unit, and width of nine small units.
3. one large unit from centre of chest to armpit.
4. length of one large unit, and width af seventeen small units.
5. length of one large unit, and width of seven small units.
6. height of fourteen small units.
7. height of one large unit.
8. the upper and lower edges of the sun-disc seat.
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प्यन घनाबएनरों


















（3）झुनास त्र⿱宀八犬
（4）कनसリघेन रिऐोग

Also in this section is the model for feminine wrathful-demon forms, show in diagram , First the central rertical line is drawn, then the following horizontal lines in descending order: the topmost line, marking the forehead; below this, at twelve small units, the centre of the chest; at six small units, the tops of the knees; at twelve small units, the genitals; at six small units, the botton of the feet and the mount's shoulder and hip; at twelve small units, the mid-shoulder of the mount, and its mid-haunch; at twelve small units, the paws of the mount; and at eight small units, the claws. To the right of the central vertical line, four vertical lines are draw, at four, six, eight, and ten small units: to the left, four vertical lines, at eight, oight, six, and twelve small units. Next, the intersection of the third left vertical line and the top most horizontal line marking the forehead is connected with the intersection of the firgt right vertical line and the horizontal line marking the waist, and this latter point then connected with the intersection of the central vertical line and the horizontal line marking the genitals: this shows the angle of the upper and lower torso. The intersection of the central vertical line and the horizontal line marking the genitals is connected with the intersection of the second left vertical line and the horimontal line marking the centre of the chest, to show the measure of the uplifted left knee, The intersection of the second right vertical line and the horizontal line marking the feet is connected with the intersection of the third right vertical line and the horizontel line marking the waist, to give the imer line of the uplifted right knee.

This form is said to be extremely and unbearably terible, with hair flowing wildy and freely, pointine threateninly and showing the palms in violent gestures - possessing all of the attributes of feminine wrathful divinities. As to the arcs delineating the heads of the mount: an arc of radius sixteen small units is drawn from a point where the third right verticel line intersects the horizontal line marining the divinity's feet, to mark the tips of the ears of the mount's heads; and an arc of radius twenty-two small units drawn from a point four small units directly below the former point mariss the tips of the noses. This clearly marks out the measure of the nine iron wolves' heads, which are drawn progressively smaller with the more forward heads covering partially the more rearward ones. 1. arc of radius sixteen small units marking the eartips. 2. erc of radius twenty-two small units marking the tips of the noses. 3. there is also this method of drawing these nine iron wolves' heads. 4. the central vertical line is here.



Also inclured in this section is the five largemunit 'dwarf' model
(mi'u.thun), as shown in diagram

is drawn, tren the following horizontal lines in ascending order: the lowest line markine the bottom of the feet; above this, at four small units, the tops of the feet; at twelve small units, the genitals; at trelve small units, the centre of tae chest; at twelve small units, the chin; at twelve small units, the hairline or forehead of the face; and at three small units, the crown of the head. To the right of the central vertical line, four vertical lines are drawn, at eight, twelve, six, and eight small units: to the left, three vertical lines, at twelve, eight, and eight small units.

Next, a point measured six smail units to the left of the central vertical line along the horimontal line marking the centre of the chest is connected with the intersection of the central vertical line and the horizontal line marking the forehead; and below, with the intersection of the central vertical line and the horizontal line marking the genitals: from this one can see the angle of the upper and lower torso. The intersection of the first right vertical line and the horizontal line marking the centro of the chest is connected with the intersection of the third right vertical line and the horizontal line marking the top of the feet, showing the measure of the extended right leg. The intersection of the first left vertical line and the horizontal line marking the centre of the chest is connected with the intersection of the second left vertical line and the horizontal lire marking the genitals, to give the outer edge of the thigh of the bent left leg: the latter point is then connected with the intersection of the first left vertical line and the horizontal line marking the bottom of the feet, to demomstrate the measure of the calf of the left leg. This form is characterized as squat, being thick and short, and the erect penis measures ten small units long.




