

Purpose

This guide provides distributors and clinical users with a quick reference to the typical applications and characteristics of commonly used surgical blade sizes.

1. Overview

Surgical blade selection depends on incision length, tissue thickness, and the level of precision required. Different blade geometries support specific surgical techniques, incision types and anatomical access.

This guide provides a quick reference to the **typical applications and characteristics of KIATO surgical blade sizes.**

Note: The applications listed are typical uses. Final blade selection depends on surgeon preference, clinical technique and patient requirements.

2. Standard Blade Sizes (Fitment No.3)

Size	Blade Image	Typical Applications	Blade Geometry	Typical Surgical Use	Handle Compatibility
10		General surgery incisions	Large curved cutting edge	General surgery, skin and muscle incisions	No.3
11		Stab incisions, drainage	Long triangular point	Stab incisions, abscess drainage, vascular access	No.3
11P		Precision puncture	Narrow profile	Dermatology, precision puncture	No.3
12		Suture removal, ENT	Crescent shape	Suture removal, ENT procedures, dental surgery	No.3
15		Short precise incisions	Small curved edge	Short precise incisions	No.3
15C		Plastic surgery / dermatology	Fine precision profile	Plastic surgery, Dentistry, dermatology	No.3
15SM		Micro-precision surgery	Small curved edge, no bevel	Short precise incisions	No.3

3. Large Blade Sizes (Fitment No.4)

Size	Blade Image	Typical Applications	Blade Geometry	Typical Surgical Use	Handle Compatibility
19		Long incisions	Extended cutting edge	Long surgical incisions	No.4
20		Orthopaedic procedures	Large blade	Orthopaedic and general surgery	No.4
21		Large surgical incisions	Broad profile	Major surgical incisions	No.4
22		General surgery	Deep curved edge	Skin incisions	No.4
23		Long skin incisions	Long cutting edge	Skin and tissue incisions	No.4
24		Large surgical incisions	Large curved edge	Major surgical procedures and autopsy	No.4

4. Specialised Blade Sizes

Size	Blade Image	Typical Applications	Blade Geometry	Typical Surgical Use	Handle Compatibility
10R		Dermaplaning	Rounded edge	Dermaplaning procedures in dermatology	No.3
10A		Specialised procedures	Straight edge with a strong tip	Popular with graphic artists	No.3
12D		Dental procedures	Crescent shaped, double edge	Dental and oral surgery	No.3
13		Specialist applications	Narrow curved edge	Controlled longer skin incision	No.3
14		Dermaplaning	Cosmetic dermatology	Dermaplaning procedures in dermatology	No.3
18		Large incisions	Extended blade	Specialised procedures	No.4
25		Specialist procedures	Non-standard geometry	Specialised procedures	No.4
26		Specialist procedures	Long straight edge	Specialised procedures	No.4
36		Specialist procedures	Large long blade	General surgery, histological procedures	No.4

