Starlock, Starlock Max, OIS, U-Neck, T-Shank, C-Shank — Complete Compatibility Reference

Technical Reference Guide for Professional Buyers

Oscillating · Reciprocating · Jigsaw Blades

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This guide provides a complete reference for shank/interface compatibility across DURASAWS oscillating, reciprocating, and jigsaw blades. Correct interface selection is critical — an incompatible shank will not mount, can damage the tool, and creates safety hazards. This guide references Bosch, Fein, and major brand standards to ensure accurate matching.

DURASAWS blades are manufactured to precise OEM specifications for each interface type. All dimensions are verified against ISO/DIN standards and brand-specific tolerances.

Oscillating Tool Interfaces

Three main standards exist: **Starlock** (Fein/Bosch, round with 3 flats, snap-lock), **Starlock Max** (larger, higher torque, NOT backward compatible), and **OIS/Universal** (rectangular keyhole, legacy Fein/Bosch, clamp screw). **Critical:** Starlock blades FIT OIS tools. OIS blades require adapter for Starlock tools. Starlock Max ONLY fits Starlock Max tools.

Reciprocating Saw Interfaces

Single universal standard: **U-Neck / U-Shank** (U-shaped tang with drive pin hole). All major brands (DeWalt, Milwaukee, Makita, Bosch, etc.) use this interface. Tool-less blade clamp is standard on modern saws. Stroke lengths 19–32 mm. DURASAWS reciprocating blades fit ALL brands.

Jigsaw Interfaces

Two standards: **T-Shank (Bosch type)** — T-shaped tang, single lug, tool-less or screw clamp. Industry standard, fits all modern jigsaws (Bosch, DeWalt, Milwaukee, Makita, Festool, etc.). **C-Shank (Round/U-Shank legacy)** — round shank with flat/hole, requires screw clamp. Legacy interface on older Makita, Hitachi, B+D, Skil, Ryobi. **NOT interchangeable with T-Shank.**

Detailed Specifications

Starlock: Ø22 mm mount, 3 drive flats at 120°, snap-lock mechanism, max torque ~3 Nm. Starlock Max: Ø28 mm, reinforced flats, max torque ~5 Nm. OIS: 19×14 mm rectangular, keyhole slot, M5 clamp screw.

Interface	Profile	Key Dimensions	Compatible Brands	DURASAWS Models	Notes
Starlock (Round)	Round with flat drive flats	Ø 22 mm mount 3 drive flats Snap-lock	Fein, Bosch, Makita, Milwaukee, DeWalt, Metabo, Hitachi, Flex	DS-OS-HCS-34-W01 DS-OS-CRV-44-W02 DS-OS-BIM-68-W04	Backward compatible with OIS/Universal
Starlock Max	Larger round reinforced flats	Ø 28 mm mount Heavy-duty flats Higher torque	Fein (Max), Bosch (Max), Milwaukee (Max), Makita (Max)	DS-OS-BIM-68-W04 (Starlock Max avail.)	NOT compatible with standard Starlock tools
OIS / Universal	Rectangular with keyhole	19 x 14 mm mount Keyhole slot Clamp screw	Fein (legacy), Bosch (legacy), Makita, Hitachi, Ryobi, Einhell, Black+Decker, Worx, Skil, AEG, Weiler	DS-OS-HCS-34-W01 DS-OS-CRV-44-W02 DS-OS-HCS-34-W03	Starlock blades FIT OIS tools. OIS blades need adapter for Starlock

Table 1: Oscillating Tool Interface Specifications & Compatibility

Universal U-Neck Standard

All DURASAWS reciprocating blades use the universal U-Neck (U-Shank) interface. This single interface fits every major reciprocating saw brand worldwide. No adapter needed. Blade changes are tool-less on modern saws (DeWalt, Milwaukee, Makita, Bosch, Metabo, etc.).

Interface	Profile	Key Dimensions	Compatible Brands	DURASAWS Models	Notes
U-Neck / U-Shank (Universal)	U-shaped tang with drive hole	Standard U-profile Drive pin hole Tool-less clamp	DeWalt, Milwaukee, Makita, Bosch, Husqvarna, Stihl, Hilti, Metabo, Einhell, B+D, Irwin, Diablo, Porter-Cable, Ryobi, Skil, Flex, Weiler	ALL DS-RC-* models (DS-RC-CRV-300-R01 DS-RC-BIM-230-R03 D S-RC-CARB-228-R08)	Universal fit for all major recip saw brands. 19–32 mm stroke.

Table 2: Reciprocating Saw Interface Specifications & Compatibility

T-Shank vs C-Shank — Critical Difference

T-Shank (Bosch type) is the universal modern standard. Cuts on upstroke. Tool-less clamp on most brands. **C-Shank (Round)** is legacy, requires screw clamp, cuts on upstroke. **Never force a T-Shank blade into a C-Shank tool or vice versa.** Verify your jigsaw manual before ordering.

Interface	Profile	Key Dimensions	Compatible Brands	DURASAWS Models	Notes
T-Shank (Bosch Type) Universal	T-shaped tang with single lug	Standard T-profile Tool-less or screw clamp	Bosch, DeWalt, Milwaukee, Makita, Festool, Freud, Irwin, Diablo, Hilti, Metabo, Einhell, AEG, Worx, Skil, Ryobi	DS-JS-CRV-100-J01 DS-JS-HCS-100-J02 DS-JS-DIA-100-J03 DS-JS-BIM-132-J05 DS-JS-BIM-116-J07	Industry standard. Upstroke cutting. Fits all T-shank jigsaws
C-Shank (Round / U-Shank Legacy)	Round shank with flat / hole	Ø 6–8 mm shank Clamp screw required	Older Makita, Hitachi, Black+Decker, Skil, Ryobi (legacy)	DS-JS-COB-150-J06 DS-JS-COB-150-J08 (C-Shank models)	Legacy interface. Verify tool compatibility. Not interchangeable with T-shank.

Table 3: Jigsaw Interface Specifications & Compatibility

15 Major Brands Cross-Reference

The table below confirms interface compatibility for 15 major power tool brands across all three blade categories. DURASAWS blades are engineered to OEM tolerances for each brand.

Brand	Oscillating	Reciprocating	Jigsaw	Notes
Fein	Starlock, Starlock Max, OIS (legacy)	U-Neck	T-Shank	Invented Starlock/OIS
Bosch	Starlock, Starlock Max, OIS (legacy)	U-Neck	T-Shank (inventor)	Blue/Green pro lines
Makita	Starlock, OIS	U-Neck	T-Shank	LXT/XGT platforms
Milwaukee	Starlock, Starlock Max	U-Neck	T-Shank	M12/M18 FUEL
DeWalt	Starlock, OIS	U-Neck	T-Shank	20V/60V MAX
Metabo	Starlock, OIS	U-Neck	T-Shank	MetaBOX system
Hitachi / HiKOKI	Starlock, OIS	U-Neck	T-Shank	MultiVolt
Ryobi	Starlock, OIS	U-Neck	T-Shank	ONE+ / 18V
Einhell	Starlock, OIS	U-Neck	T-Shank	Power X-Change
Black+Decker	OIS	U-Neck	T-Shank	Legacy C-shank also
Worx	OIS	U-Neck	T-Shank	PowerShare
Skil	OIS	U-Neck	T-Shank	Legacy C-shank also
AEG	Starlock, OIS	U-Neck	T-Shank	PRO18V
Flex	Starlock, Starlock Max	U-Neck	T-Shank	24V/18V
Weiler	Starlock, OIS	U-Neck	T-Shank	Professional line

Table 4: Brand Compatibility Matrix (15 Brands × 3 Categories)

Selection Checklist

• Identify tool brand & model number. → • Check tool manual for interface type. → • Match to DURASAWS interface (Starlock/Max/OIS, U-Neck, T-Shank/C-Shank). → • Verify blade length/TPI/material for application. → • Order correct DS- code.

Common Fitment Issues

Blade won't lock: Wrong interface (e.g., OIS blade in Starlock tool without adapter). **Blade wobbles:** Worn tool clamp or incorrect shank tolerance. **Blade ejects:** Starlock Max blade in standard Starlock tool. **Jigsaw blade falls out:** T-Shank in C-Shank clamp or worn clamp spring.

Adapters & Conversions

OIS → Starlock: Fein/Bosch adapter (Part: Fein 63502012010 / Bosch 2608663037). **C-Shank → T-Shank:** No adapter — buy correct T-Shank blade. **Starlock → Starlock Max:** No adapter — different mount diameter.

DURASAWS Custom Interfaces

DURASAWS can manufacture blades for custom/proprietary interfaces (e.g., Fein SuperCut, older Makita, specialty medical/industrial tools). Provide tool brand, model, and photos of the blade mount. Minimum 500 pcs for custom shank.

References:

• **Fein Multimaster / Starlock Technical Documentation**

• **Bosch Professional Accessories Interface Specifications**

• **DIN 1838 / ISO 5835 — Jigsaw blade shank dimensions**

• **DIN 6494 / ISO 1054 — Reciprocating saw blade shank dimensions**

• **DURASAWS Product Catalog — 229 Models, All Interfaces**