

Reasons for Poor Coil Clipping



AI Overview

Poor coil clipping is typically caused by internal stresses, improper blade settings, misalignment, tension issues, and inadequate handling or storage.

Internal Stresses and Material Defects

Steel and metal coils often contain inherent internal stresses from the manufacturing process. These stresses can accumulate and cause the coil to warp, bend, or break during slitting or handling, leading to poor clipping results. Pre-existing material defects, such as uneven thickness or camber, can also affect the accuracy of cuts and recoiling quality .

Blade Quality and Setup

Blunt, worn, or improperly aligned blades are a major cause of poor coil clipping. Incorrect knife clearance—either too tight or too wide—can produce burrs, ragged edges, or uneven widths. Using the wrong blade material for the metal type, such as non-carbide blades on hardened steel, accelerates wear and reduces cut quality .

Tension and Recoiling Issues

Improper tension control during slitting and recoiling can lead to loose or unevenly wound coils, telescoping, or lateral shifts. Over-tightening or under-tightening the strip affects edge quality and can cause the coil to twist or form conical shapes. Misaligned separators or recoiler drums exacerbate these problems

Article Content

May 07, 2026

To clip or coil? Proposal of individual decision making

It is believed that aneurysm deflation following clipping lead to more rapid resolution of the mass effect but

Feb 09, 2026

Current Options in Clipping Versus Coiling of ...

To clip or to coil Once it is determined that an aneurysm should be or will be treated, two options prevail: endovascular

Oct 04, 2025

Clipping versus coiling for aneurysmal subarachnoid hemorrhage: a ...

Objectives: To compare the effects of endovascular coiling versus neurosurgical clipping in people with aneurysmal

Aug 16, 2025

Speaker Failure Analysis

The "clipping" argument is one of the longest standing and least understood phenomena involving amplifiers and

Mar 11, 2026

Why Clipping Causes Subwoofers to Overheat

Learn why amplifier clipping causes subwoofers to overheat, how distorted signals generate

Jul 03, 2026

Comparative outcomes of coil embolization and surgical clipping in ...

Background and objectives Elderly patients with subarachnoid hemorrhage (SAH) face a disproportionately high

Aug 31, 2025

Trends and Outcomes of Endovascular Embolization and Surgical Clipping ...

Objective To describe recent trends in treatment and outcomes of endovascular coil embolization and microsurgical

Apr 24, 2026

Why Do My Speakers Keep Clipping? Unraveling the Mystery

In this comprehensive guide, we'll delve into the reasons behind speaker clipping, help you identify the culprits, and

Apr 08, 2026

Clipping (audio)

Clipping may occur due to limitations in the power supply or the output stage. Some amplifiers are able to deliver peak power without

May 28, 2026

Can Clipping Damage Speakers? Guide

Clipping damages speakers by overheating voice coils— 80% of blown woofers stem from it (per Audioholics tests).

Mar 04, 2026

Coil Embolization versus Clipping for Ruptured Intracranial Aneurysms ...

BACKGROUND AND PURPOSE: Coil embolization is an alternative to clipping for intracranial aneurysms. However,

Oct 23, 2025

Brain Aneurysm Coiling vs. Clipping: Surgical Approaches and

When treating a brain aneurysm, two common surgical options are coiling and clipping. Both aim to prevent the aneurysm from

Jun 26, 2026

What Causes Clipping? | Arendal Sound

Clipping in home audio systems occurs when the amplifier is pushed beyond its maximum capacity, resulting in a distorted audio

Dec 28, 2025

Clipping Versus Coiling for Ruptured Intracranial Aneurysms:

The International Subarachnoid Aneurysm Trial (ISAT) was the only large, multicenter, randomized clinical trial that

Jan 22, 2026

Music Clipping: How To Avoid It | MTX

Learn what amplifier clipping is, what causes it, why it damages speakers and subwoofers, and how to prevent it with proper gain

Mar 19, 2026

The Silent Killer of Sound Quality: Understanding What Causes

In this article, we'll dive deep into the world of subwoofer technology to explore the root causes of clipping and provide

Sep 05, 2025

Clipping versus coiling for aneurysmal subarachnoid ...

Considering both internal and external validity, this systematic review aims to assess the effectiveness and safety of clipping

Mar 25, 2026

Coiling vs Clipping for Brain Aneurysms: What's New in 2025?

Find out the key differences between coiling and clipping. Learn about the latest medical innovations transforming brain aneurysm

Jan 31, 2026

Microsurgical Clipping or Endovascular Coiling for Ruptured Cerebral ...

The International Subarachnoid Aneurysm Trial (ISAT) compared microsurgical clipping and endovascular coil

Jan 23, 2026

Further considerations in deciding between clipping and ...

The trial showed that coil embolization resulted in a significantly better outcome at 1 year than did clipping, and there was no

Nov 12, 2025

Neurosurgical Clipping Versus Endovascular Coiling of Patients With ...

This has typically occurred where direct surgical clipping is thought to be of higher risk. As coil technology has

Oct 04, 2025

Can Clipping Damage a Speaker? Understanding the Risks and

As previously mentioned, speaker components, including voice coils and cones, are susceptible to heat and distortion

Mar 05, 2026

[pmc.ncbi.nlm.nih.gov](https://pubmed.ncbi.nlm.nih.gov)

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Apr 05, 2026

What Is Subwoofer Clipping and How Do You Prevent It?

A burning smell (the voice coil insulation failing — stop immediately if this happens)
How to Prevent It Set the receiver volume

Feb 14, 2026

WHY SHOULD I CARE ABOUT CLIPPING?

Clipping means that the tops of the signal are "clipped off" or "flat-topped" when the signal level is exceeding the maximum capability

Jan 15, 2026

Coil Embolization versus Clipping for Ruptured Intracranial Aneurysms ...

We performed a meta-analysis of prospective controlled trials of clipping versus coil embolization for ruptured aneurysms.

Mar 10, 2026

Endovascular Coiling versus Surgical Clipping for Poor-Grade

BACKGROUND AND PURPOSE: Endovascular coiling is an alternative to surgical clipping for ruptured intracranial

Mar 07, 2026

INTRACRANIAL(ANEURYSMS):(CURRENT(ROLE(OF(CLIPPING

Clip vs coil: Safety The safety of endovascular coiling compared with clipping was further augmented by the results of the

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