Harmonic Patterns Training [Complete - 28 Harmonic Patterns]

Harmonic patterns, combining geometric features and **Fibonacci ratios**, are among the most effective tools for price prediction.

Their primary application is identifying **price reversal** points; traders can **recognize levels** where the price is likely to **change direction** using these patterns.



Introduction to Various Types of Harmonic Patterns

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What are Harmonic Patterns?

Harmonic patterns in technical analysis combine **chart patterns** and **Fibonacci ratios** t identify price reversal points.

These patterns include models such as **Bat, Crab, Butterfly, and Shark,** each with specific ratios for determining trade entry and **exit points**. They are applicable in all financial markets, particularly the **forex market**.

By adhering to geometric and numerical ratio rules, these patterns reduce the **number of false** signals.

Advantages and D sadvantages of Harmon ciPatterns

The table below presents the advantages and disadvantages of advanced harmonic patterns:

Advantages	Disadvantages
High accuracy due to precise Fibonacci ratios	Complexity in manually identifying patterns
Usable across various markets and timeframes	Dependency on Fibonacci tools for precise measurement
Provides clear entry and exit points	Subjectivity in pattern recognition

Introduction to Different Harmonic Patterns

Harmonic patterns are classified into **bullish** and **bearish** categories, indicating potential price increases or decreases in the market. Main **harmonic patterns**:

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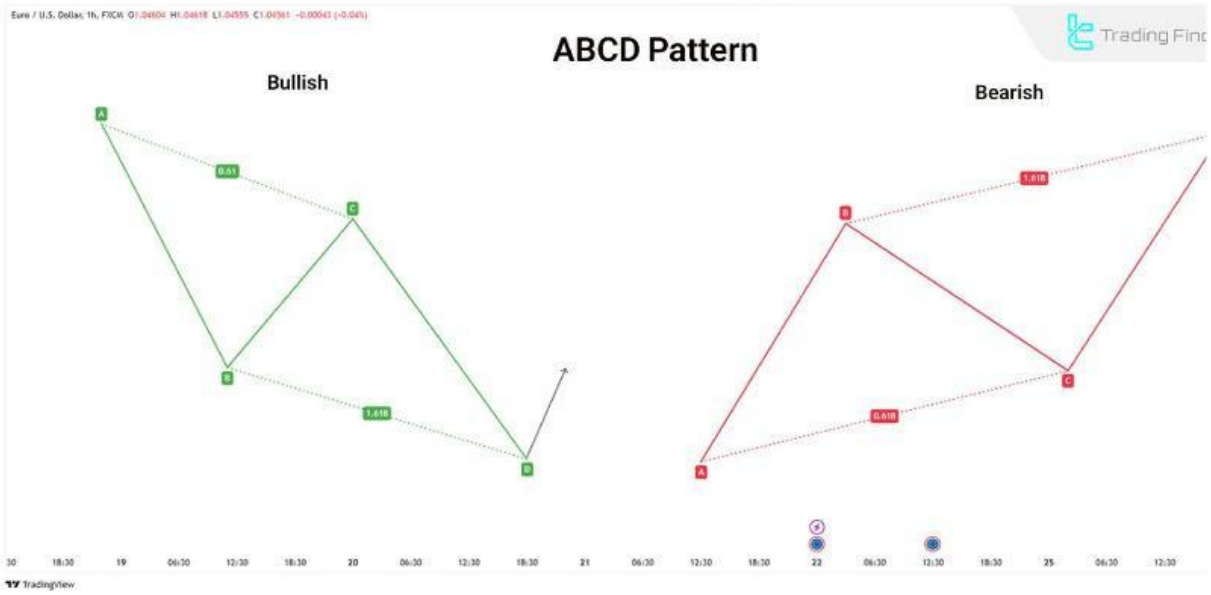
ABCD Pattern

The ABCD pattern is one of the simplest harmonic patterns, **consisting of three price** movements and four key points:

- **AB Move:** Initial price movement
- **BC Move:** Corrective wave in the opposite direction of AB
- **CD Move:** Movement in the same direction as AB, typically equal in length and duration

Key Fibonacci Ratios in the ABCD Pattern:

- BC correction should be **0.618** of AB.
- The CD should have the same length and duration as AB.



Introduction to the ABCD Pattern in Harmonic Patterns

Traders can open trades at point C (Potential Reversal Zone - PRZ) or wait for the pattern to complete at point D.

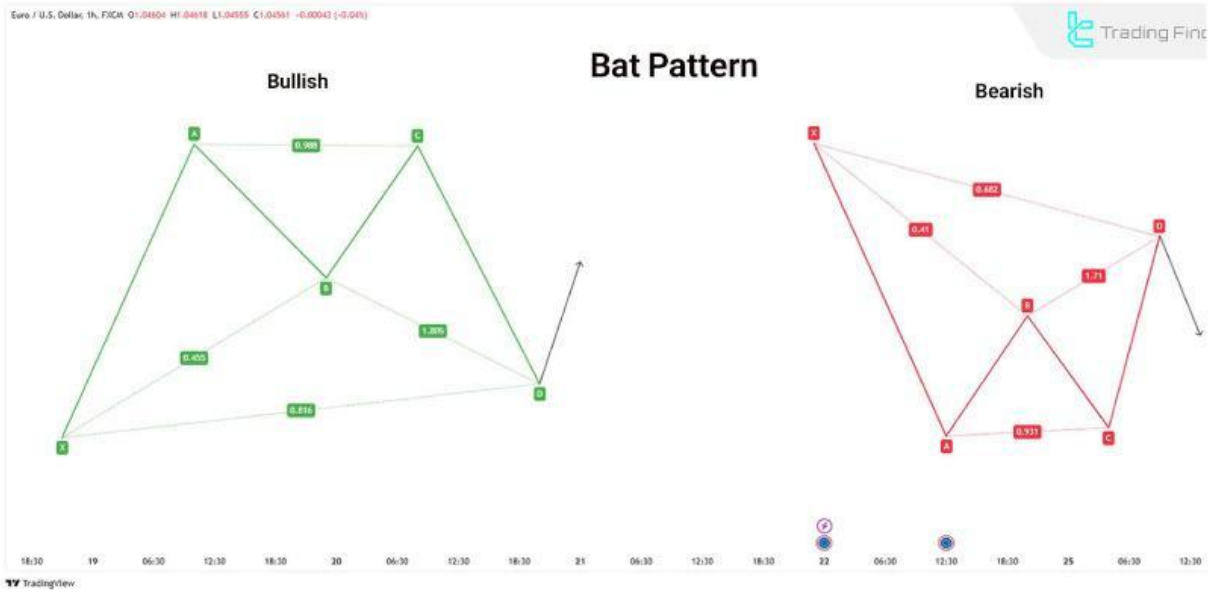
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Bat Pattern

Scott Carney identified the bat pattern in 2001. It is valid when point B retraces **50% of the XA move**.

Key Fibonacci Ratios in the Bat Pattern:

- Point B should retrace **38.2% to 50%** of XA
- CD extension should be at least **1.618** BC
- Point D forms the **Potential Reversal Zone (PRZ)**



Introduction to the Bat Pattern in Harmonic Patterns

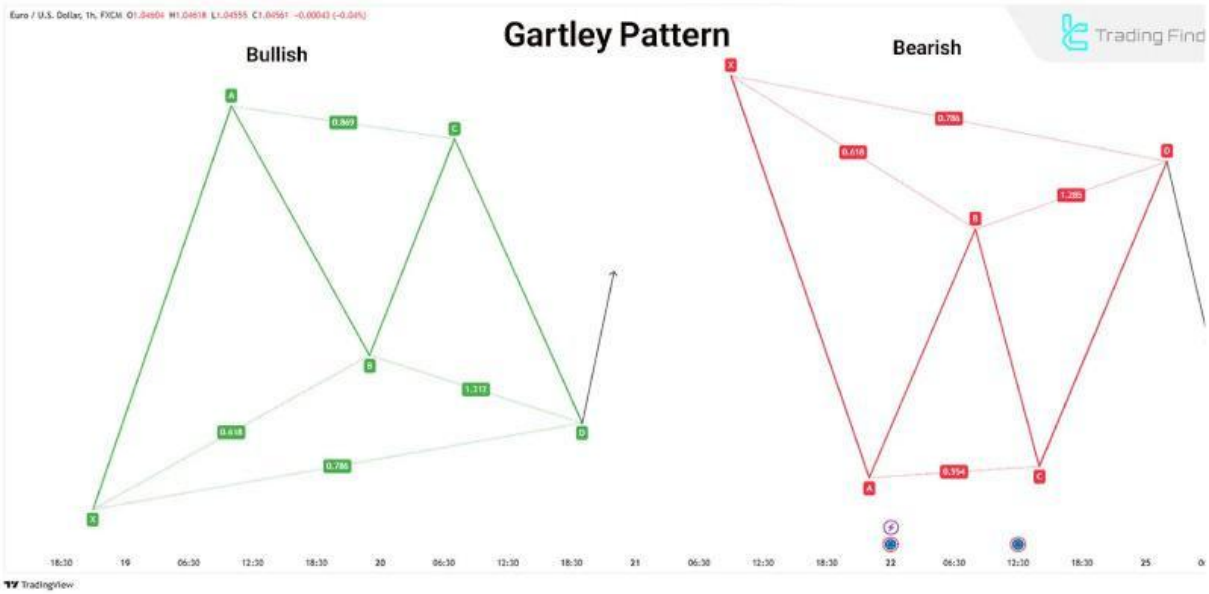
Gartley Pattern

Developed by **H.M. Gartley**, this pattern is similar to the Bat pattern but follows stricter Fibonacci ratios:

- Point B retracement must be **0.618 of XA**
- Point D retracement must be **0.786 of XA**

Traders can place **stop-loss** at point X and **take-profit** at point C.

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Introduction to the Gartley Pattern in Harmonic Patterns

Butterfly Pattern

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Bryce Gilmore introduced the butterfly pattern, a reversal pattern composed of four price movements:

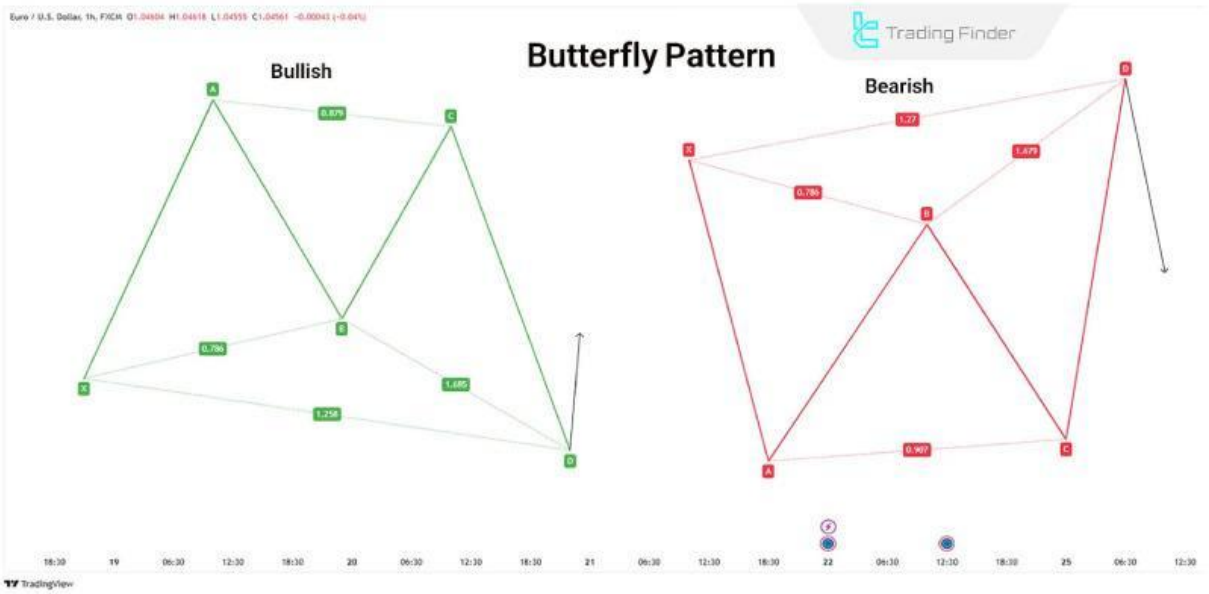
- **X-A**
- **A-B**
- **B-C**
- **C-D**

While the butterfly pattern closely resembles the Gartley pattern, its **D point is lower than Gartley's**.

Key Fibonacci Ratio in the Butterfly Pattern:

A **0.786 retracement of XA** determines point B and the **Potential Reversal Zone (PRZ).**

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Introduction to the Butterfly Pattern in Harmonic Patterns

Crab Pattern

Identified by **Scott Carney**, the **Crab pattern** allows traders to enter trades at extreme market highs or lows.

Key Fibonacci Ratios in the Crab Pattern:

- Point D must be **1.618 of XA**, forming a strong **PRZ**
- BC extension is typically between **2.618 and 3.618 of AB**

Deep Crab Pattern

The **Deep Crab pattern** differs slightly from the Crab pattern. The only difference is **point B**, which should be **0.886 of XA** without exceeding it. The BC projection can range from **2.24 to 3.618**.

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Shark Pattern

Introduced by **Scott Carney**, the **Shark pattern** is similar to the Crab pattern but consists of five points:

- **O**
- **X**
- **A**
- **B**
- **X**

Key Fibonacci Ratios in the Shark Pattern:

- AB correction should be between **1.13 and 1.618 of XA**
- BC extension reaches **113% of OX**
- Point **D at 50% retracement of BC**

In this pattern, trades are initiated at point **C**, and point **D is the profit target**.

Identifying and Drawing Harmonic Patterns

The identification of harmonic patterns involves three key steps:

1. Locate the primary pivot points **(A, B, C, D)** on the price chart.
2. Measure price retracements and extensions using **Fibonacci levels**.
3. Identify the pattern structure using harmonic pattern recognition tools such as:
   - **Harmonic Pattern Indicator for MetaTrader 4**
   - **Harmonic Pattern Indicator for MetaTrader 5**
   - **Harmonic Pattern Indicator for TradingView**
4. Determine **stop-loss** and **take-profit** zones based on Fibonacci projections.

Trading Signals & Success Rate of Advanced Harmonic Patterns

Harmonic patterns generate multiple trading signals:

- **Potential Reversal Zone (PRZ):** Identifies possible trend reversal areas

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- **Stop-Loss Zone (SLZ):** Indicates the point at which a trade should be closed to prevent **further** loss
- **Profit Protection Zone (PPZ):** Specifies the appropriate **level to secure** profits
- **Initial Profit Objective (IPO):** Defines profit targets based on Fibonacci retracements

Conclusion

Harmonic patterns use Fibonacci ratios to identify price reversal points. The primary patterns include **ABCD, Bat, Gartley, Butterfly, Crab, Deep Crab, and Shark**.

Combining these patterns with **trend indicators and volume analysis** enhances trading signal accuracy.

Sources:

1.our website link:
https://tradingfinder.com/education/forex/harmonic-pattern/

2.All education:
https://tradingfinder.com/education/

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