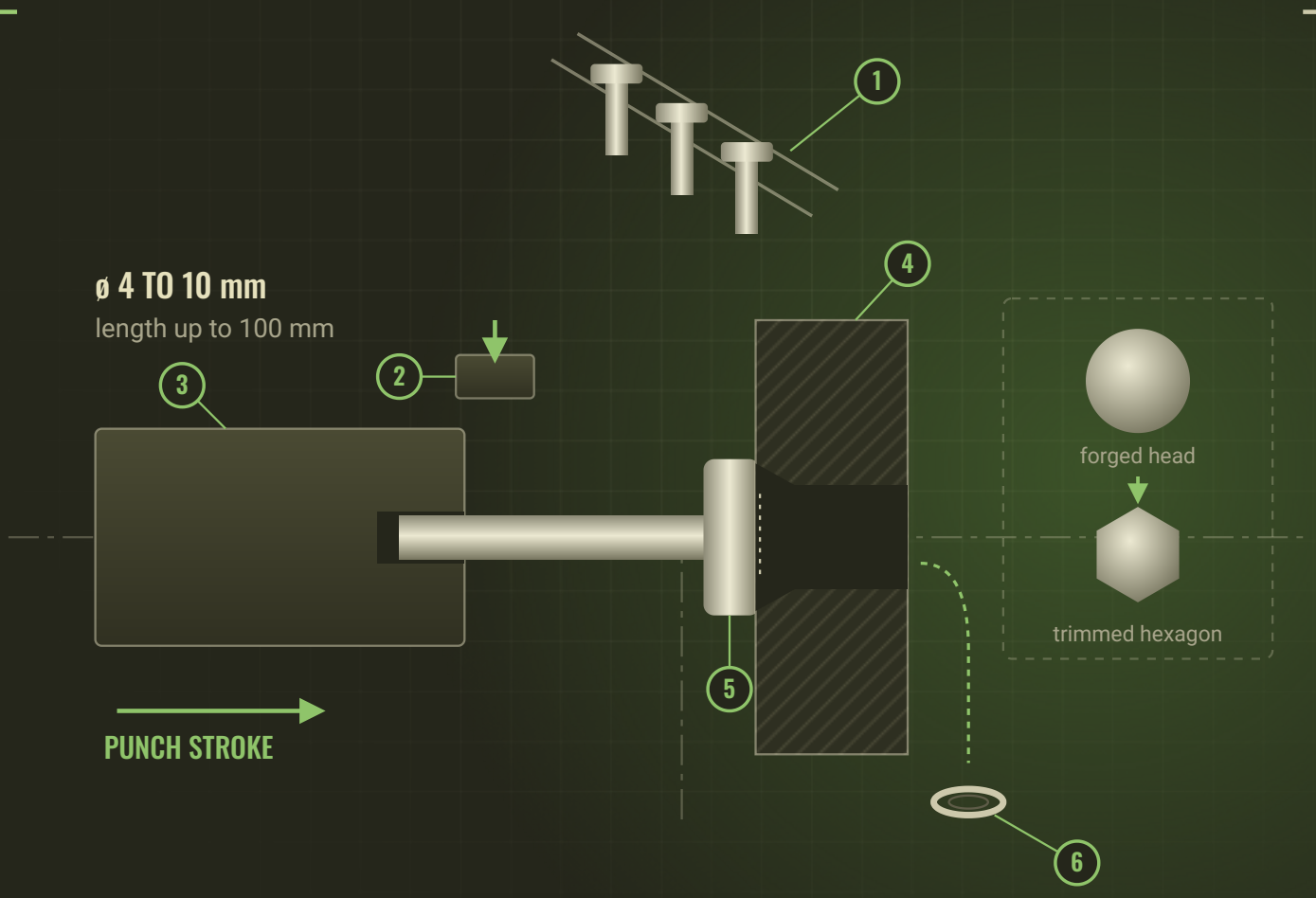
ADHUNIK ENGINEERS
Quality Machines. Trusted Performance.

TM series product brochure

TRIMMING MACHINES

Round forged heads to clean hexagon, square and flange shapes.
Four fully automatic models for 4 to 10 mm.



1. Feed rail brings forged blanks
2. Transfer finger places each blank
3. Punch pushes the blank forward
4. Trim die shaped to the head
5. Head sheared to shape
6. Scrap ring falls away

4	4 to 10 mm	100
Models, TM-5 to TM-10	Diameter	Pieces a minute, max

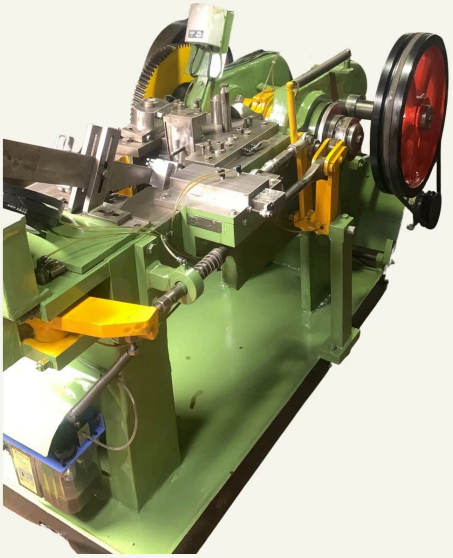
Drawn for	Product	Est.	Made in	Sheet
ADHUNIK ENGINEERS	TM SERIES	1988	PUNJAB, INDIA	1 OF 4

How it works

ROUND HEAD IN, HEXAGON OUT

A trimming machine takes a forged blank from the header and shears its round head to an exact shape. The punch pushes the head through a shaped trim die, and the excess metal falls away as a ring.

Our TM series is fully automatic, from feeding to ejection, for hexagon, square, flange and polygon heads from 4 to 10 mm.



1 **FORGED BLANK**
Headed blanks come from the header.

2 **FEED TO DIE**
Each blank is placed in front of the trim die.

3 **TRIM THE HEAD**
The punch pushes the head through the die.

4 **REPEAT IF NEEDED**
A second pass for more complex shapes.

5 **CONTINUOUS OUTPUT**
Trimmed parts eject for thread rolling.

Built for long runs

FEATURES

FULLY AUTOMATIC
Feeds, trims and ejects without an operator at each part.

PRECISION DIE AND PUNCH
Clean, even flats on every head.

ADJUSTABLE CUTTING
Set for the head size and shape you run.

PRECISE FEEDING
Each blank is placed the same way every cycle.

STANDARDISED OUTPUT
Heads that match from the first part to the last.

LOW COST PER PART
High output from a compact machine.

What it makes

- Hexagon heads
- Square heads
- Flange heads
- Polygon heads

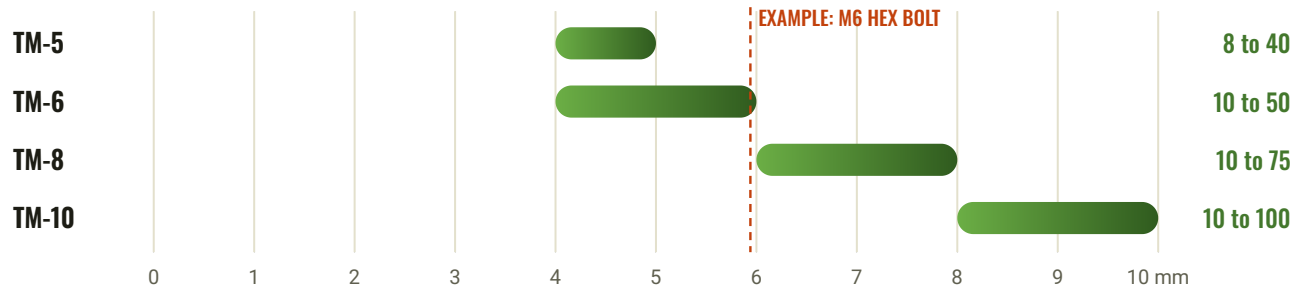
Specifications

FOUR MODELS. ONE FOR YOUR HEAD.

Model	Dia (mm)	Length (mm)	Max output (pcs/min)	Motor (HP)	Approx weight (kg)
TM-5	4 to 5	8 to 40	100	3	800
TM-6	4 to 6	10 to 50	90	5	1000
TM-8	6 to 8	10 to 75	80	5	1500
TM-10	8 to 10	10 to 100	70	7.5	2200

PICK A MODEL BY DIAMETER

Bar shows the diameter range. Number shows the length range.



Where two models cover your size, the length decides. Send your drawing and our team confirms the model.

HEAD SHAPES WE TRIM



HEXAGON



SQUARE



FLANGE



POLYGON

TYPICAL TRIMMER BY SIZE

For common hex and flange sizes.

M4 to M5	TM-5	M6	TM-6
M8	TM-8	M10	TM-10

ADHUNIK ENGINEERS
Since 1988

adhunikengineers.com

ONE LINE. ONE MAKER.

Stage 1
COLD HEADING
H-3 to H-10L
0.8 to 10 mm

Stage 2
TRIMMING
TM-5 to TM-10
Hex and flange heads

Stage 2
SLOTTING AND BT CUT
2 to 6 mm
Slots and BT notches

Stage 3
THREAD ROLLING
TR-3 to TR-12
2 to 12 mm

SPARES ALWAYS IN STOCK
Dies, liners, cutters and wear parts kept ready for every model.

BUILT ON VMC, CMC AND HMC
Fully automated production, so parts repeat machine to machine.

ON TIME DELIVERY
Dispatch dates agreed up front and kept.

3,500+ MACHINES DELIVERED
At work in fastener plants in India and abroad.

“PRECISION ISN'T A FEATURE, IT'S THE STANDARD WE BUILT THIS COMPANY ON.”

Three generations of the Khokhar family, since 1988

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Mon to Sat, 9 AM to 7 PM

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Block C, Saidpura, Barwala Road, Derabassi, Punjab 140507

Chandigarh plant
36 Plot, 182 Line, Industrial Area 1, Chandigarh 160001

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