

Designing 3D Printed Spring

CHAT-0134 / REV EXPORT-03 / 2025.10.17

A conversation-specific public summary of designing 3d printed spring, distilled from the supplied export. The detailed excerpts remain available in the released note file.

STATUS	RECOVERED / SPECIFIC NOTE
CLASSIFICATION	SYS
MATERIAL	CHAT EXPORT / BUILD & TOOLS
DISPOSITION	PUBLIC CONVERSATION EXCERPTS / REDACTED
CATEGORY	Build & Tools
RECORD TYPE	build-thread

TECHNICAL NOTES

Conversation-specific knowledge extracted from the designing 3d printed spring discussion.

CONVERSATION / QUESTION AND CONTEXT

how can I design a spring with 3d printing

CONVERSATION / EXTRACTED GUIDANCE

1. --
2. *Common printable types:
3. Compression spring - classic coil that compresses axially.
4. Tension spring - stretches under load (rarely successful in FDM printing).
5. Torsion spring - twists around an axis.
6. Flexure spring - flat or spiral designs that flex like a leaf spring (best for FDM).
7. PETG / PETG-CF: good flex, durable.
8. TPU (95A-98A): excellent for flexible springs.

SPECIFICATION

SOURCE	Supplied ChatGPT export
CATEGORY	Build & Tools

CONVERSATION	1 user turns / 1 assistant turns
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ATTACHMENTS	1 references detected
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PUBLIC DETAIL	Extracted knowledge + excerpts
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DEVELOPMENT HISTORY

2025.10.17 / EXPORT-04

Matched to the supplied export; key guidance is surfaced separately and the raw transcript remains unpublished.

RELEASED MATERIAL / SOURCE LINKS

CHAT-0134-public-note.txt

PUBLIC-SAFE CONVERSATION NOTE / UNIQUE FILE

<https://u225x.com/downloads/chat-records/CHAT-0134-public-note.txt>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/CHAT-0134>