



HIRNBÖCK
STABAU

STEEL CORE PILES

Structural Steel Cores for Deep Foundations



High-strength steel cores for demanding geotechnical and infrastructure projects. Manufactured in various lengths and diameters up to $\text{Ø}300$ mm.

Hirnböck STABAU supplies steel core piles for deep foundation and ground engineering applications. Steel cores are used as the load-bearing element in drilled piles and transfer structural loads safely into deeper soil or rock layers. The steel cores are manufactured from

high-quality structural steel S355J2 or high-strength special steel 42CrMo4 for extreme load requirements, and are available in various diameters and project-specific lengths. Depending on the installation method, the cores can be supplied threaded or plain.



Diameter	Weight	Typical Length	Steel Grade
Ø50 mm	15.4 kg/m	6-12 m	S355J2 / 42CrMo4
Ø70 mm	30.2 kg/m	6-12 m	S355J2 / 42CrMo4
Ø90 mm	49,9 kg/m	6-12 m	S355J2 / 42CrMo4
Ø100 mm	61,6 kg/m	6-12 m	S355J2 / 42CrMo4
Ø110 mm	74,6 kg/m	6-12 m	S355J2 / 42CrMo4
Ø120 mm	88,8 kg/m	6-12 m	S355J2 / 42CrMo4
Ø130 mm	104,2 kg/m	6-12 m	S355J2 / 42CrMo4
Ø150 mm	138,7 kg/m	6-12 m	S355J2 / 42CrMo4
Ø180 mm	199,8 kg/m	6-12 m	S355J2 / 42CrMo4
Ø200 mm	246,6 kg/m	6-12 m	S355J2 / 42CrMo4
Ø220 mm	298,4 kg/m	6-12 m	S355J2 / 42CrMo4
Ø230 mm	326,1 kg/m	6-12 m	S355J2 / 42CrMo4

Key Features

- diameters up to Ø300 mm
- threaded or plain execution
- available in standard S355J2 or high-strength 42CrMo4
- manufactured according to EN 10025
- inspection certificates EN 10204 - 3.1
- suitable for deep foundation systems



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