PITTINI

SGQ
FERRIERE NORD

TECHNICAL SPECIFICATION REBARS B500C ROMANIAN MARKET	Document Revision Date Page	SPF202 1 23/06/2026 1/2

1. DESCRIPTION

Weldable steel rebars for concrete according to AT 016-01/635-2026 B500C (Romania).

2. CHEMICAL COMPOSITION ON HEAT

	Limits	C %	P %	S %	Cu %	N %	Ceq %
AT 016-01/635-2026	max	0.22	0.050	0.050	0.80	0.012	0.50

C max 0.25% is permitted, provided that Ceq max is 0.48%

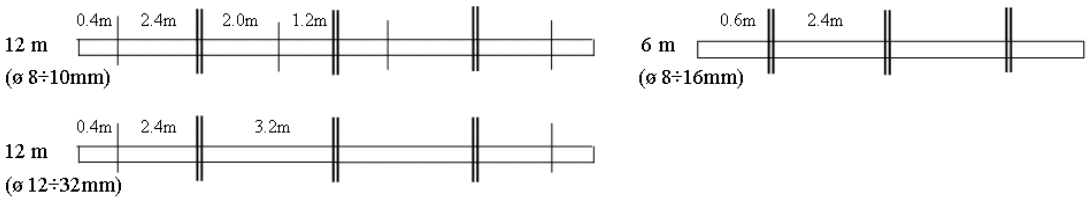
3. MECHANICAL AND DIMENSIONAL PROPERTIES

	Steel grade	Diameter range mm	Re min MPa	Re max MPa	Rm/Re min	Rm/Re max	Agt min %	A5 min
AT 016-01/635-2026	B500C	8 ÷ 32	500c	650c	1.15c	1.35c	7.5c	16

NOTES:
- c - characteristic values;
- Weight tolerance ±6% for diam. 8mm; ±4.5% for diam. above 8mm;
- fR and bend and re-bend test according to AT 016-01/635-2026

4. STANDARD PACKAGING

In bundles with standard length 6m and 12m (14m on demand); tied with wire rod diam. 7 mm. Tolerance length 0/+100mm. Short bars for a maximum amount of 2% in weight and minimum length 6m.
Bundle weight for 6m max 1.7 t. Bundle weight for 12m: about 1.7 t for diameter 8mm; about 2.2 t for diameter 10mm; about 2.5 t for diameters from 12 mm to 32 mm.



5. STANDARD IDENTIFICATION

Each bundle with label reporting:

PITTINI
REBAR
HEAT N°
WEIGHT
DIAMETER
LENGTH
DATE
REFERENCE STANDARDS
PRODUCT CERTIFICATION LOGOS

6. STANDARD CERTIFICATION

Certificate 3.1 according to EN10204, or Mill Test with chemical composition and mechanical properties, and Declaration of Conformity.

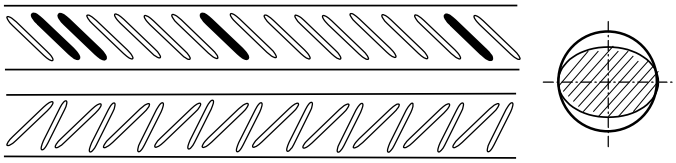
Ferriere Nord S.p.A.
Zona Industriale Rivoli
33010 Osoppo (UD)
Tel.: +39 0432 062811
Fax.: +39 0432 062822
www.pittini.it

7. APPROVALS

Permanent Technical Council of Construction (Romania).

8. IDENTIFICATION MARK

Mark 4-7



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