

1 Unique product type
identification code:
2 Scope of application:

S235JR
Hot rolled structural steel sections and bars

3 Manufacturer:

PRIVATE JOINT STOCK COMPANY "KAMET-STEEL"
Ukraine, 51925, Dnipropetrovsk region, Kamianske, 18b Soborna str.
Tel.: (0569) 58-91-49 E-mail: office.kamet-steel@metinvestholding.com

4 Authorised representative:
5 System for confirmation and verification
of the constancy of quality characteristics
of construction products
6 a) Harmonized standard:
Notified body

Not applicable

System 2+
DIN EN 10025-1
NB-Ident-no. 0090 TÜV Thüringen e.V (Erfurt,
Germany)

6 b) European Technical Assessment:
7 Declared technical specifications:

Not applicable

Essential characteristics		Nominal thickness (mm)	Performance	Harmonized technical standards
Indicator				
Tolerances on dimensions and shape		equal angle	DIN EN 10056-1,2	DIN EN 10025-1
		channel	DIN EN 10279	
		rod	DIN EN 10060	
		wire rod	DIN EN 10017	
		square	DIN EN 10059	
Chemical composition, % max	C	≤ 16 ≤ 40	0.17	
		> 40	0.20	
	Mn	-	1.40	
	Si	-	-	
	S	-	0.035	
	P	-	0.035	
	N	-	0.012	
	Cu	-	0.55	
Yield strength, R_{eH} MPa (N/mm²) min		≤ 16	235	
		> 16 ≤ 40	225	
		> 40 ≤ 63	215	
		> 63 ≤ 80	215	
Tensile strength, R_m MPa (N/mm²)		≥ 3 ≤ 100	360-510	
Relative elongation, A₅ % min		≥ 3 ≤ 40	26	
		> 40 ≤ 63	25	
		> 63 ≤ 100	24	
Impact energy, KV₂ J min		≤ 150	27 (20°C)	
CEV, % max		≤ 30	0.35	
		> 30 ≤ 40	0.35	
		> 40 ≤ 150	0.38	
Durability			NPD	

8 Relevant technical documentation: *Not applicable*

The manufactured products identified above comply with the declared technical specifications.

This Declaration of Conformance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the Manufacturer named above.

Signed on behalf of the manufacturer:

Director of Technology and Quality

Viktor DEMBITSKIY

Kamianske, 29.07.2024

Declaration of Conformance for download: <https://ks.metinvestholding.com.ua>

