

1 Unique product type  
 identification code:

**S235J2**

2 Scope of application:

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:

Not applicable

 5 System for confirmation and verification  
 of the constancy of quality characteristics  
 of construction products

System 2+

 6 a) Harmonized standard:  
 Notified body

DIN EN 10025-1

 NB-Ident-no. 0090 TÜV Thüringen e.V (Erfurt,  
 Germany)

6 b) European Technical Assessment:

Not applicable

7 Declared technical specifications:

Essential characteristics			Performance	Harmonized technical standards
Indicator	Nominal thickness (mm)			
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	
	Mn	-	1.40	
	Si	-	-	
	S	-	0.025	
	P	-	0.025	
	N	-	-	
	Cu	-	0.55	
Yield strength, $R_{eH}$ MPa (N/mm <sup>2</sup> ) min	≤ 16		235	
	> 16 ≤ 40		225	
	> 40 ≤ 63		215	
	> 63 ≤ 80		215	
Tensile strength, $R_m$ MPa (N/mm <sup>2</sup> )	≥ 3 ≤ 100		360-510	
Relative elongation, $A_5$ % min	≥ 3 ≤ 40		26	
	> 40 ≤ 63		25	
	> 63 ≤ 100		24	
Impact energy, $KV_2$ 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>
