

Nr. E122/000600

Bieber & Marburg GmbH + Co. KG
Stahl- u. Röhrenhandel
Steinberger Weg 60
35394 Gießen

Beleg-Datum : 09.02.2022
Ihre Lief.Nr.: 5000234 000
Kundnr. Lief.: 55440
Unsere USt-Id: DE113292496
Sachbearb. : Hr. Jörg Müller
Telefonnummer: 06434/25-711
Telefaxnummer: 06434/25705
Bestätigt am : 10.02.2022
Bestätig.Nr.: 3987046.00
Ihre Nr. : 0641/7944-0
Ihre Faxnr. : 0641/7944291

Ihre Zeichen	Ihr Angebot vom
	07.02.2022
	544910.00

Unsere Zeichen	Datum
mj	07.04.2022

Wir bestellen zu unseren beiliegenden Einkaufsbedingungen LAE 2021 und widersprechen allen abweichenden Bedingungen, die nicht schriftlich von uns anerkannt sind.

Pos	Teilenummer	Termin	Menge ME	abw. Menge ME
Nr.	Teilebezeichnung	Einzelpreis	Bruttowert	Wert in EUR

Bitte zu jeder Rechnung eine Lieferantenerklärung für Waren mit Präferenzursprungseigenschaft beifügen.

Bitte jede Sorte separat gebündelt anliefern!

BITTE TRAGEN SIE IN IHRE RECHNUNGEN IMMER UNSERE ARTIKELNUMMERN EIN.

001	65 0000001740	15.02.22	1.092,000 m	
	Präz.Stahlrohr 48,3x2,5x6.000		3,95 EUR/Meter	4.313,40
	Geschw.Stahlroh, DIN EN 10220			
	St37-2,			
	Bereits geliefert :	1.092,000 m		
	Schweißnaht wirbelstromgeprüft			
	Fixlängen bürstenentgratet			
	Feuerverzinkungsfähig			
	mit Werksabnahmezeugnis 2.2			
	Verpackungseinheit :	364,000 m		
	Verpackt in . . . :	Sechskantbündelung o.ZwischLag		

Übertrag : 4.313,40

B E S T E L L U N G
Nr. E122/000600

Seite 2

Pos	Teilenummer	Termin	Menge ME	
Nr.	Teilebezeichnung	Einzelpreis	Bruttowert	Wert in EUR

Vortrag : 4.313,40

Zwischensumme : 4.313,40

Materialzeugnis
4,00 EUR

4,00

=====

Gesamtwert . : EUR 4.317,40

zuzüglich der derzeit gültigen Mehrwertsteuer

Zahl.bed. : 14Tage./.2%Skonto, 30Tage netto
Preisstel. : frei Haus

Mit freundlichen Grüßen

i.A. Hr. Jörg Müller

Die bestellten Materialien sind für die Herstellung von
sicherheitsrelevanten Produkten, wie Leitern, Treppen,
Steigschutzanlagen und Zubehör bestimmt.

BITTE GEBEN SIE IN ALLEN IHREN BELEGEN IMMER UNSERE
ARTIKELNUMMERN UND IHRE ZOLLTARIFNUMMER AN!

WARENANNAHME: Mo-Fr 7.45-11.30 Uhr u. Mo-Do 12.45-15.30 Uhr

Hammann, Nicole

Von: Petra Kaiser <petra.kaiser@bieber-marburg.de>
Gesendet: Dienstag, 15. Februar 2022 13:01
An: Einkauf Lorenz Hasenbach GmbH u. Co. KG
Betreff: Zeugnis zu Kom. E122/000600 Hr. Müller
Anlagen: Scan_0001.pdf

Vorsicht! Diese Nachricht wurde von außerhalb Ihrer Organisation gesendet.

Sehr geehrte Damen und Herren,

wie gewünscht, erhalten Sie anbei die Zeugnisse für unsere
Auftragsnummer: 3987046.00

Mit freundlichen Grüßen

Petra Kaiser
Personalwesen/Sekretariat

BIEBER + MARBURG GMBH + CO KG
Steinberger Weg 60
35394 Gießen

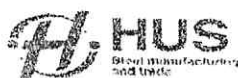
Telefon: +49 (0) 641/7944-273
Telefax: +49 (0) 641/7944-379
www.bieber-marburg.de
petra.kaiser@bieber-marburg.de

Sitz: Bischoffen · AG Wetzlar · 5 HRA 3120
BIEBER GmbH · AG Wetzlar · 5 HRB 292
GF: Sven Bieber · Brigitte Bieber

A03 № 3130022489 / 03.12.2021

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A04



A02 Inspection certificate EN 10204 / 3.1

A05 HUS LTD.

A01 **HUS LTD**
1 Industrialna Str.
3600 Lom, Bulgaria

B01 Cold formed welded structural hollow sections of non-alloy and fine grain steels according EN 10219-2:2006

A08	Order №
A06	Customer
A07	Invoice № 3130022489

B02	EN 10219-1 S235JRH	B10	length 6000 mm.
B09	CFRHS		option 1.1 ; 1.4
B09	CFCHS		option 1.1 ; 1.4

B07		B08	6 666 m.
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B12 [REDACTED] B13 [REDACTED]

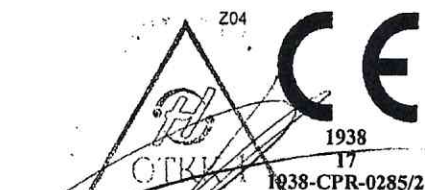
B09	CFCHS 48,3x2,5	B10		B08	546 m.	B13		B06	0001945054989	B07	417279-8
B09	CFCHS 48,3x2,5	B10		B08	546 m.	B13		B06	0001945061989	B07	417279-8
B09	CFCHS 48,3x2,5	B10		B08	546 m.	B13		B06	0001945057989	B07	417279-8
B09	CFCHS 48,3x2,5	B10		B08	546 m.	B13		B06	0001945077989	B07	421867-3
B09	CFCHS 139,7x4	B10		B08	42 m.	B13		B06	0001888933989	B07	424991-7
B09	CFCHS 139,7x4	B10		B08	42 m.	B13		B06	0001888835989	B07	424983-3
B09	CFCHS 139,7x4	B10		B08	42 m.	B13		B06	0001888823989	B07	424983-3
B09	CFCHS 139,7x4	B10		B08	42 m.	B13		B06	0001888861989	B07	424983-3
B09	CFCHS 139,7x4	B10		B08	42 m.	B13		B06	0001888846989	B07	424983-3
B09	CFCHS 139,7x4	B10		B08	42 m.	B13		B06	0001888801989	B07	424983-3
B09	CFRHS 20x20x2	B10		B08	1350 m.	B13		B06	0001934562989	B07	426831-15
B09	CFRHS 20x20x2	B10		B08	1350 m.	B13		B06	0001934570989	B07	418707-7
B09	CFRHS 80x60x3	B10		B08	210 m.	B13		B06	0001777595989	B07	44923-2
B09	CFRHS 80x60x3	B10		B08	210 m.	B13		B06	0001777892989	B07	44923-2
B09	CFRHS 80x60x3	B10		B08	210 m.	B13		B06	0001777921989	B07	421636-14
B09	CFRHS 80x60x3	B10		B08	210 m.	B13		B06	0001777910989	B07	421636-14
B09	CFRHS 80x60x3	B10		B08	210 m.	B13		B06	0001777898989	B07	421641-12
B09	CFRHS 120x120x4	B10		B08	96 m.	B13		B06	0001851085989	B07	414363-12
B09	CFRHS 120x120x4	B10		B08	96 m.	B13		B06	0001851063989	B07	1106468
B09	CFRHS 120x120x4	B10		B08	96 m.	B13		B06	0001851072989	B07	1106468
B09	CFRHS 120x120x4	B10		B08	96 m.	B13		B06	0001851059989	B07	1106468
B09	CFRHS 120x120x4	B10		B08	96 m.	B13		B06	0001851049989	B07	1106468

[illegible]

B07 Mechanical properties										
Heat №	C00	C03	C11	C12	C13	C14	C42	C50	C70	C71
	Test №		ReH MPa	Rm MPa	A %	ReH/Rm	Impact test	Certificate №		
112018	417279-8		280	395	32		not done	538073		
112018	417279-8		280	395	32		not done	538073		
112018	417279-8		280	395	32		not done	538073		
1211507-1	421867-3		274	375	36		not done	544953		
521586	424991-7		260	370	36		not done	552165		
221595-9	424983-3		278	390	38		not done	551509		
221595-9	424983-3		278	390	38		not done	551509		
221595-9	424983-3		278	390	38		not done	551509		
221595-9	424983-3		278	390	38		not done	551509		
221595-9	424983-3		278	390	38		not done	551509		
113029-9	426831-15		270	374	31		not done	555264		
621467	418707-7		270	371	33		not done	540911		
112379-9	44923-2		290	395	32		not done	631076		
112379-9	44923-2		290	395	32		not done	631076		
112410-9	421636-14		290	390	34		not done	545030		
112410-9	421636-14		290	390	34		not done	545030		
112456-9	421641-12		260	365	30		not done	544468		
1221315	414363-12		271	376	36		not done	531141		
136402A01	1106468		290	405	28		not done	9124		
136402A01	1106468		290	405	28		not done	9124		
136402A01	1106468		290	405	28		not done	9124		
136402A01	1106468		290	405	28		not done	9124		

D02 Non-destructive testing - passed.

Z02 Z03 Director Branch Lom
 N.Dechev
Date 03.12.2021
www.husltd.com Seal HUS LTD.



A05 TT

D01 The test has been performed on the provided products and the results are satisfactory.

Z01 The producer declares that the product is according to the customer's order.

Z05 Without any post heat treatment; with shape, dimensions and tolerances according EN 10219-2; performance characteristics according appendix ZA.1 of the product standart. Function - for steel structures and combined steel and reinforced concrete structures.

Z06 Claims are allowed within 14 days from product receipt. In order to consider a claim, the customer must provide a quality inspection control document and a marking on the claimed goods. Claims associated with unloading and storage of the goods will not be accepted.

Z07 Declaration of performance №3130022489 HUS CFRHS S235JRH /2021
Declaration of performance №3130022489 HUS CFCHS S235JRH /2021

Declaration of performance

Annex III Regulation (EU) № 305/2011
 №3130022489 HUS CFCHS S235JRH /2021

1. Unique identification code of the product type: **CFCHS – S235JRH**
2. Intended use/es: **Cold formed welded structural hollow section of non-alloy and fine grain steel, without subsequent heat treatment, shape dimensions and tolerances in accordance with БДС EN 10219-2:2006. Applied for load-bearing structural construction works (construction works covers building and civil engineering works).**
3. Manufacturer: **HUS Ltd
 4027 Plovdiv, Bulgaria, 64A Plovdiv Sever Str.
 HUS Ltd Manufacturing plant
 3600 Lom, Bulgaria, 1 Industrialna Str.
www.husltd.com**
4. Authorized representative: **Not relevant**
5. System/s or AVCP: **System 2+**
- 6 a. Harmonised standard: **EN 10219-1:2006**
 Notified body: **Институт по механика-БАН, A person for assessment of conformity of construction products license
 № CPR 02-NB 1938/24.02.2014 на МППБ.
 Identification number 1938 from EC register.**
- 6 b. European Assessment Document:
 European Technical Assessment (ETA): **Nor relevant (see 6a)**
7. Declared performances:

Essential characteristics	Performance	Harmonised technical specification
Tolerance on dimensions and shape	Correspond	БДС EN 10219-2:2006 item 6.
Material grade – Steel S235JRH, number 1.0039		
Elongation A ^d , %	Specified thickness, mm	БДС EN 10219-1:2006 Item 6.7.1 table A.3
	≤3	>3 ≤10
	>17 ^d	>24 ¹
Tensile strength R _m , MPa	Specified thickness, mm	БДС EN 10219-1:2006 Item 6.7.1 table A.3
	≤3	>3 ≤10
	360 - 510	360 - 510
Yield strength R _{eH} , MPa	Specified thickness, mm	БДС EN 10219-1:2006 Item 6.7.1 table A.3
	≤3	>3 ≤10
	≥ 235	≥ 235
Weld ability (Chemical composition)	CEV ≤0,35	БДС EN 10219-1:2006 item 6.6.table A.2 and item 6.8.1.
Impact strength, J	Specified thickness, mm	БДС EN 10219-1:2006 item 6.7.2 table A.3
	<6	≥6 ≤10
	NPD	27
Durability	NPD	БДС EN 10219-1:2006 item 6.8.2, table ZA.1

^d For thicknesses < 3 mm see 9.2.2

¹ For thicknesses > 3 mm and section sizes D/T <15 the minimum elongation is reduced by 2.

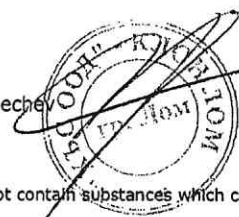
8. Appropriate Technical Documentation and/or Specific Technical Documentation: Standart EN 10219-1/2:2006.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation EU 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Lom, December 03, 2021

Director Branch Lom, N. Dechev



Information about the environment and safety (REACH)

Products are article within the meaning of Article 3 of the EU regulation № 1907/2006 REACH. The products do not contain substances which can be released from the device under normal and foreseeable conditions of use.

Declaration of performance

Annex III Regulation (EU) № 305/2011

№3130022489 HUS CFRHS S235JRH /2021

1. **Unique Identification code of the product type:** CFRHS – S235JRH
2. **Intended use/es:** Cold formed welded structural hollow section of non-alloy and fine grain steel, without subsequent heat treatment, shape dimensions and tolerances in accordance with БДС EN 10219-2:2006. Applied for load-bearing structural construction works (construction works covers building and civil engineering works).
3. **Manufacturer:** HUS Ltd
4027 Plovdiv, Bulgaria, 64A Plovdiv Sever Str.
HUS Ltd Manufacturing plant
3600 Lom, Bulgaria, 1 Industrialna Str.
www.husltd.com
4. **Authorized representative:** Not relevant
5. **System/s or AVCP:** System 2+
- 6 a. **Harmonised standard:** EN 10219-1:2006
Notified body: Институт по механика-БАН, A person for assessment of conformity of construction products license № CPR 02-NB 1938/24.02.2014 на МППБ. Identification number 1938 from EC register.
- 6 b. **European Assessment Document:** Nor relevant (see 6a)
European Technical Assessment (ETA):
7. **Declared performances:**

Essential characteristics	Performance	Harmonised technical specification
Tolerance on dimensions and shape	Correspond	БДС EN 10219-2:2006 Item 6.
Material grade – Steel S235JRH, number 1.0039		
Elongation A ^d , %	Specified thickness, mm	БДС EN 10219-1:2006 Item 6.7.1 table A.3
	≤3	
	>3 ≤10	
Tensile strength R _m , MPa	Specified thickness, mm	БДС EN 10219-1:2006 Item 6.7.1 table A.3
	≤3	
	>3 ≤10	
Yield strength R _{eH} , MPa	Specified thickness, mm	БДС EN 10219-1:2006 Item 6.7.1 table A.3
	≤3	
	>3 ≤10	
Weld ability (Chemical composition)	CEV ≤0,35	БДС EN 10219-1:2006 Item 6.6.table A.2 and Item 6.8.1.
	Specified thickness, mm	
	≤6	
Impact strength, J	Specified thickness, mm	БДС EN 10219-1:2006 Item 6.7.2 table A.3
	≤6	
	≥6 ≤10	
Durability	NPD	БДС EN 10219-1:2006 Item 6.8.2, table ZA.1
	Specified thickness, mm	
	≤6	

^d For thicknesses < 3 mm see 9.2.2

¹ For thicknesses > 3 mm and section sizes (B+H)/2T <12,5 the minimum elongation is reduced by 2.

8. Appropriate Technical Documentation and/or Specific Technical Documentation: Standart EN 10219-1/2:2006.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation EU 305/2011, under the sole responsibility of the manufacturer identified above.

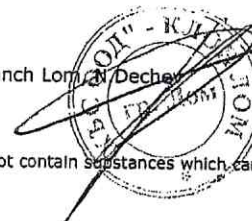
Signed for and on behalf of the manufacturer by:

Lom, December 03, 2021

Director Branch Lom / Dechev

Information about the environment and safety (REACH)

Products are article within the meaning of Article 3 of the EU regulation № 1907/2006 REACH. The products do not contain substances which can be released from the device under normal and foreseeable conditions of use.





INSTRUCTIONS FOR USE

COLD FORMED STRUCTURAL HOLLOW SECTIONS OF NON-ALLOY AND FINE GRAIN STEELS

1. Application

The sections are suited for metal and reinforced concrete constructions.

2. Instructions for design and use

The following should be noted when designing, choosing the properties and the application of the section in any metal or reinforced concrete construction:

- Size of the section
- Steel grade / chemical composition and physical properties/,
- Weight of one linear meter.

3. Packing

The sections are arranged in bundles fully lined with a maximum weight of 4 000 kg. The bundle is covered on 7 places with metal packaging tape.

4. Marking

Each package bears a label with barcode and information about the size and number of sections in the package, the total length of the packet.

5. Transportation and unloading

Recommended way of transportation - covered transportation vehicles with general purpose which prevent direct climate impact.

An inspection is to be made during loading/unloading stage to confirm that packing and packing strips are present and unharmed. When these are torn and missing any loading/unloading and transportation is to be resumed only after repairing the same.

6. Storage

Store in indoor dry storage areas.

7. Operational Safety

The company's instructions and regulations on safety are to be observed when working with hollow sections. Loading and unloading can be carried out by qualified persons with faulty equipment and personal protective equipment.

8. Waste and environmental protection

The non-utilized remains as a result of the intended use of the hollow sections are to be stored and used for auxiliary work or to be submitted for scrap.

The raw material – a metal sheet and the produced cold formed structural hollow sections do not contain any substances harmful to human health, are non-toxic and do not pollute the environment.

November .2021

64A Plovdiv-Sever str., 4027 Plovdiv, Bulgaria, tel: +359 32/233000, fax: +359 32/233070, e-mail: office@husltd.com
Ring road, Plovdiv, tel/fax +359 32/690680, tel: +359 32/233045
64 Iliyantsi bul, 1220 Sofia, tel/fax: +359 2/9317035, tel: +359 32/233081, tel: +359 32/233082, tel: +359 32/233083
Botunets, Seslavtsi Qr., 1808 Sofia, tel: +359 2/4461242; tel: +359 2/4461243; tel: +359 2/4461244;
West Industrial Park, 9000 Varna, tel: +359 52/812982
Sarafovo district, 8016 Burgas, tel/fax: +359 56/810580, tel/fax: +359 56/810250
1 Industrial str., 3600 Lom, tel: +359 971/87011
3 Matej Stojkov str., 7000 Ruse, tel: +359 82/9269524
Industrial Zone, 9160 Devnya, tel: +359 886/2488866