

Adress :Organize San. Bölgesi 5.Kısım Dilovası/KOCAEL

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Fax :+90 262 754 90 60  
Web :www.toscelik.com.tr  
E-mail :toscelik@toscelik.com.tr

MÜ TER ADI & ADRES  
NAME & ADDRESS OF THE CUSTOMER  
METALICA-ZUEV S.R.L. MD-2037, 48 Industrial#  
St., Chisin  
Republic of Moldova VAT Number: 0201471  
Alexei Zuev

DESCRIPTION OF GOODS:  
ERW HOLLOW SECTIONS

EN 10219 NO: 2195-CPR-1629401

**Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests**

Sıra Item	Tip Type	Ebat Size	Barkod Barcode	Döküm Heat	P A PPB	Lot No	Üretim Normu Product Norm	Kalite Steel Grade	YS N/mm <sup>2</sup>	TS N/mm <sup>2</sup>	E %	N.Bölgesi S.Location	N.Yönü S.Direction	N. ekli S.Type	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	N.Yönü S.Direction	N.Geni li i S.Width	HT BAR	HT TIME Sec.
1	S	30X30X1.50X6000	RD01135848	2510306	144		EN 10219	S235JRH	314	414	31.4	Body	L	F									
2	S	30X30X1.50X6000	RD01135849	2510343	144		EN 10219	S235JRH	316	416	31.6	Body	L	F									
3	S	30X30X1.50X6000	RD01135850	2510343	144		EN 10219	S235JRH	316	416	31.6	Body	L	F									
4	S	30X30X1.50X6000	RD01135872	2510306	144		EN 10219	S235JRH	314	414	31.4	Body	L	F									
5	S	30X30X1.50X6000	RD01135932	2510163	144		EN 10219	S235JRH	318	418	31.8	Body	L	F									
6	S	30X30X1.50X6000	RD01135933	2510241	144		EN 10219	S235JRH	304	404	30.4	Body	L	F									

**Kimyasal Testler / Chemical Tests**

Sıra Item	Barkod Barcode	Tip Type	C %	Si %	S %	Mn %	P %	Al %	Cr %	Mo %	Ni %	Cu %	N %	Ti %	V %	Sn %	Nb %	CEIIW %	CEPCM %	M	Heat Treat.		VDC	FT	BD	EX	Non Destruc. Testin			B
																					Type	Temp.					ECT	UT	PA	
1	RD01135848	Ü/P	0.0581	0.2160	0.0090	0.2232	0.0172	0.0276	0.0931	0.0186	0.1675	0.2344	0.0030	0.0020	0.0031	0.0154	0.0020	0.1451	0.1057	OK			G	G		G	G			
2	RD01135849	Ü/P	0.0634	0.2132	0.0127	0.2279	0.0145	0.0507	0.0781	0.0176	0.1830	0.2381	0.0030	0.0020	0.0051	0.0128	0.0020	0.1496	0.1094	OK			G	G		G	G			
3	RD01135850	Ü/P	0.0634	0.2132	0.0127	0.2279	0.0145	0.0507	0.0781	0.0176	0.1830	0.2381	0.0030	0.0020	0.0051	0.0128	0.0020	0.1496	0.1094	OK			G	G		G	G			
4	RD01135872	Ü/P	0.0581	0.2160	0.0090	0.2232	0.0172	0.0276	0.0931	0.0186	0.1675	0.2344	0.0030	0.0020	0.0031	0.0154	0.0020	0.1451	0.1057	OK			G	G		G	G			
5	RD01135932	Ü/P	0.0787	0.2066	0.0080	0.2493	0.0349	0.0437	0.0717	0.0050	0.0050	0.2223	0.0030	0.0020	0.0253	0.0186	0.0020	0.1558	0.1207	OK			G	G		G	G			
6	RD01135933	Ü/P	0.0573	0.1743	0.0126	0.2145	0.0203	0.0318	0.0169	0.0110	0.0050	0.2152	0.0030	0.0038	0.0029	0.0115	0.0020	0.1139	0.0915	OK			G	G		G	G			

G : yi/Good  
YS :Akma Muk./Yield Strength(N/mm<sup>2</sup>)  
TS :Çekme Muk./Tensile Strength(N/mm<sup>2</sup>)  
E :Uzama/Elongation (%)  
B: Havsal/ Bevelled  
VDC: Görsel Kontrol/ Visual&Dimensional Check  
EX: Geni letme/ Expanding  
HT: Hidrostatik Test/ Hydrostatic Text(Bar)  
IE :Darbe Enerjisi/Impact Energy(Joule)  
TT :Test Sıcaklı ı / Test Temp.for Impact Testing(°C)  
HT TIME: Saniye/ Second  
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Ü/P:Ürün/Product  
WS:Kaynak Diki i/Weld Seam  
FB:Tüm Gövde/Full Body  
M:Markalama/Marking  
P A/PPB:Paket içi adet/Pieces per bundle  
L:Boyuna/Longitudinal  
T:Enine/Transverse  
ECT:Eddy Current Test  
UT:Ultrasonic Test  
PA:Phased Array  
F:Düz/Flat  
P:Boru/Pipe

CE marklaması EN 10219 kapsamında üretilen ürünler (LP, TP, ZP hariç) için geçerlidir.  
CE marking applies to those products (except TP, LP, ZP) which produced in accordance with EN 10219.  
EN 10219-1 CE Kapsam/Scope:  
17.2x0.60 - 273.0x10.00 / 15x15x0.60 - 200x200x10.00 / 15x10x0.60 - 250x150x10.00

S:SQUARE HOLLOW SECTION

ONAY / APPROVED BY  
Sürdürülebilir Üretim, Çevre, Emniyet, Kontrol efi / Sustainable Production, Environment, Safety, Control Chief  
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ugur.akel@toscelik.com.tr


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Asım Gündüz / D 096 001 3021

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Sıra Item	Tip Type	Ebat Size	Barkod Barcode	Döküm Heat	P A PPB	Lot No	Üretim Normu Product Norm	Kalite Steel Grade	YS N/mm <sup>2</sup>	TS N/mm <sup>2</sup>	E %	N.Bölgesi S.Location	N.Yönü S.Direction	N. ekli S.Type	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	N.Yönü S.Direction	N.Geni li i S.Width	HT BAR	HT TIME Sec.
7	S	30X30X1.50X6000	RD01135934	2510241	144		EN 10219	S235JRH	304	404	30.4	Body	L	F									
8	S	30X30X1.50X6000	RD01135935	2510094	144		EN 10219	S235JRH	305	405	30.5	Body	L	F									
9	S	30X30X1.50X6000	RD01135936	2510094	144		EN 10219	S235JRH	305	405	30.5	Body	L	F									
10	S	30X30X1.50X6000	RD01135937	2510068	144		EN 10219	S235JRH	303	403	30.2	Body	L	F									
11	S	30X30X1.50X6000	RD01135971	2510068	144		EN 10219	S235JRH	303	403	30.2	Body	L	F									
12	S	30X30X1.50X6000	RD01135973	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F									

**Kimyasal Testler / Chemical Tests**

Sıra Item	Barkod Barcode	Tip Type	C %	Si %	S %	Mn %	P %	Al %	Cr %	Mo %	Ni %	Cu %	N %	Ti %	V %	Sn %	Nb %	CEIHW %	CEPCM %	M	Heat Treat.		VDC	FT	BD	EX	Non Destruc. Testin			B
																					Type	Temp.					ECT	UT	PA	
7	RD01135934	Ü/P	0.0573	0.1743	0.0126	0.2145	0.0203	0.0318	0.0169	0.0110	0.0050	0.2152	0.0030	0.0038	0.0029	0.0115	0.0020	0.1139	0.0915	OK			G	G		G	G			
8	RD01135935	Ü/P	0.0819	0.1895	0.0144	0.5244	0.0287	0.0365	0.0910	0.0082	0.1114	0.4001	0.0030	0.0020	0.0032	0.0181	0.0063	0.2239	0.1477	OK			G	G		G	G			
9	RD01135936	Ü/P	0.0819	0.1895	0.0144	0.5244	0.0287	0.0365	0.0910	0.0082	0.1114	0.4001	0.0030	0.0020	0.0032	0.0181	0.0063	0.2239	0.1477	OK			G	G		G	G			
10	RD01135937	Ü/P	0.0451	0.0152	0.0155	0.2432	0.0161	0.0545	0.0319	0.0050	0.0244	0.2244	0.0030	0.0020	0.0045	0.0021	0.0020	0.1105	0.0768	OK			G	G		G	G			
11	RD01135971	Ü/P	0.0451	0.0152	0.0155	0.2432	0.0161	0.0545	0.0319	0.0050	0.0244	0.2244	0.0030	0.0020	0.0045	0.0021	0.0020	0.1105	0.0768	OK			G	G		G	G			
12	RD01135973	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G			

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Sıra Item	Tip Type	Ebat Size	Barkod Barcode	Döküm Heat	P A PPB	Lot No	Üretim Normu Product Norm	Kalite Steel Grade	YS N/mm <sup>2</sup>	TS N/mm <sup>2</sup>	E %	N.Bölgesi S.Location	N.Yönü S.Direction	N. ekli S.Type	IE 1 J	IE 2 J	IE 3 J	IE AV. J	TT °C	N.Yönü S.Direction	N.Geni li i S.Width	HT BAR	HT TIME Sec.	
13	S	30X30X1.50X6000	RD01135975	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F										
14	S	30X30X1.50X6000	RD01135976	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F										
15	S	30X30X1.50X6000	RD01135979	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F										
16	S	30X30X1.50X6000	RD01135980	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F										
17	S	30X30X1.50X6000	RD01136012	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F										
18	S	30X30X1.50X6000	RD01136013	2510138	144		EN 10219	S235JRH	310	410	31.0	Body	L	F										

**Kimyasal Testler / Chemical Tests**

Sıra Item	Barkod Barcode	Tip Type	C %	Si %	S %	Mn %	P %	Al %	Cr %	Mo %	Ni %	Cu %	N %	Ti %	V %	Sn %	Nb %	CEIHW %	CEPCM %	M	Heat Treat.		VDC	FT	BD	EX	Non Destruc. Testin			B	
																					Type	Temp.					ECT	UT	PA		
13	RD01135975	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G				
14	RD01135976	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G				
15	RD01135979	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G				
16	RD01135980	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G				
17	RD01136012	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G				
18	RD01136013	Ü/P	0.0587	0.1870	0.0150	0.2415	0.0189	0.0314	0.0642	0.0175	0.1291	0.2319	0.0030	0.0043	0.0039	0.0114	0.0059	0.1401	0.1020	OK			G	G		G	G				

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19	S	30X30X1.50X6000	RD01136014	2510138	144		EN 10219	S235JRH	310	410	31.0	Body	L	F										
20	S	30X30X1.50X6000	RD01136015	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F										
21	S	30X30X1.50X6000	RD01136016	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F										
22	S	30X30X1.50X6000	RD01136017	2510135	144		EN 10219	S235JRH	312	412	31.2	Body	L	F										

Kimyasal Testler / Chemical Tests

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																					Type	Temp.					ECT	UT	PA		
19	RD01136014	Ü/P	0.0587	0.1870	0.0150	0.2415	0.0189	0.0314	0.0642	0.0175	0.1291	0.2319	0.0030	0.0043	0.0039	0.0114	0.0059	0.1401	0.1020	OK			G	G		G	G				
20	RD01136015	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G				
21	RD01136016	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G				
22	RD01136017	Ü/P	0.0591	0.2101	0.0258	0.2565	0.0141	0.0403	0.0528	0.0203	0.0525	0.2857	0.0030	0.0279	0.0020	0.0103	0.0530	0.1394	0.1033	OK			G	G		G	G				

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Ü/P:Ürün/Product  
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