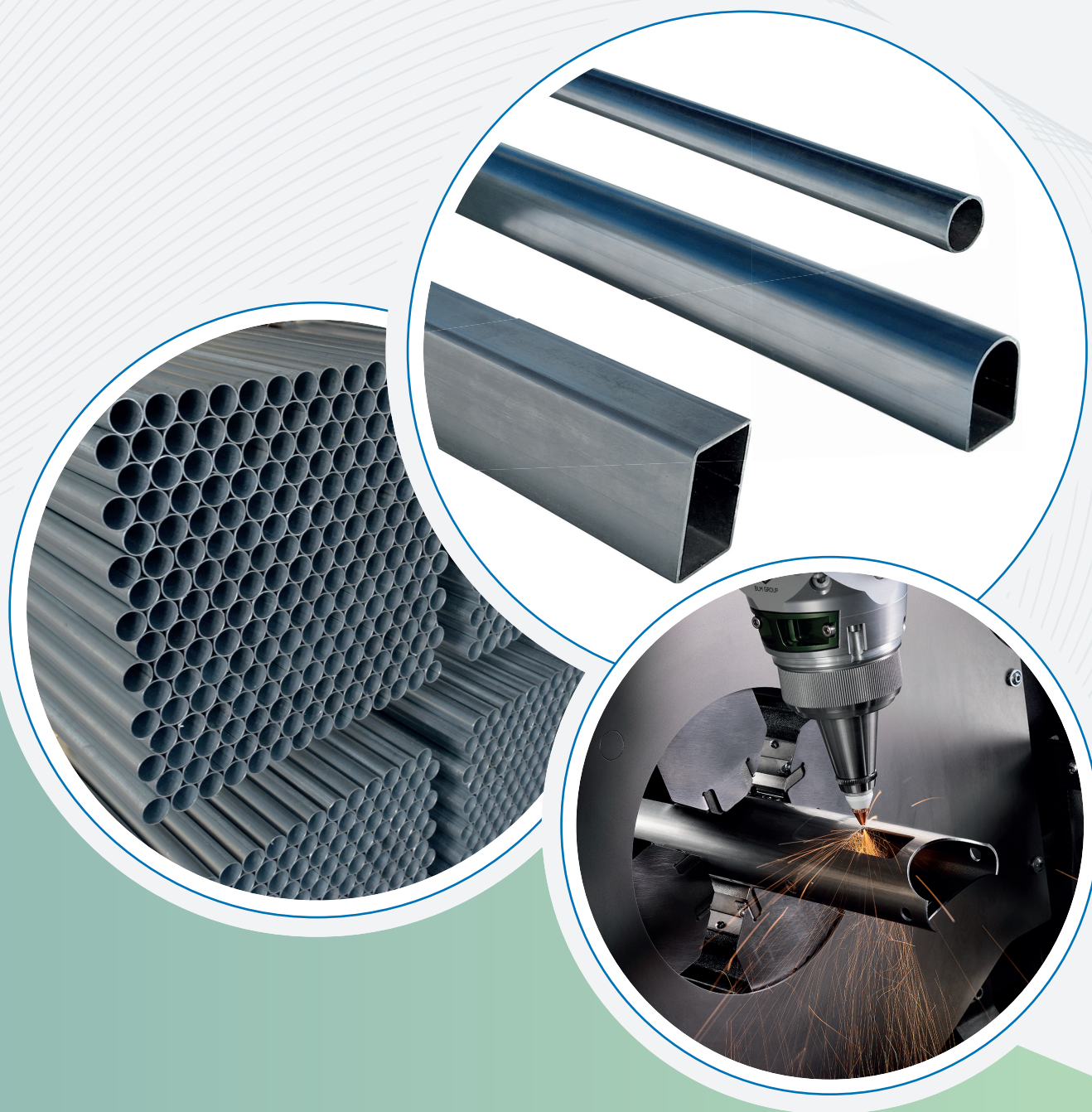




METAL TRADE COMAX, a.s.

PRECISE WELDED

Tubes & profiles according to EN 10305-3 and EN 10219-1/2



METAL TRADE COMAX, a.s.
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ISO 9001
ISO 14001
ISO 45001
ISO 50001
IATF 16949

THE PARAMETERS OF OUR TUBES

The tubes are manufactured according to EN 10305-3.

Reduced tolerance should be consulted with production.



Production options

ROUND TUBES

Outside diameter (mm)	Wall thickness (mm)						I.D. SCARFING
	1	1,2	1,5	2	2,5	3	
20	2						
22	2	2	2	2			
25	1 2						
30		1 2 3	2 3	2			✓
32		2	2	2			✓
38	2	2 3	2 3	2 3	3	3	✓
38,3		2 3	2 3	2 3	3	3	✓
40		2	2				✓
41,28		1 2 3	3	3	3	3	✓
45		2	2	2			✓
48,3		1 2	1 2 3	1 2 3	1 2 3	3	✓
51			3	3	3	3	✓
60			2	2			✓
60,3			1 2 3	1 2 3	1 3	1 3	✓
76	2	2	2	2			✓

Production:

1 | Litovel 607

2 | Litovel 609

3 | Košice

THE PARAMETERS OF OUR TUBES

The tubes are manufactured according to EN 10305-3 or EN10219-1/2.

Reduced tolerance should be consulted with production.



**RECTANGULAR
TUBES**

Production options

Dimension AxB (mm)	Wall thickness (mm)								Standard EN
	1	1,2	1,5	2	2,5	3	Weld	I.D. SCARFING	
15x30		1	1				on axis		10219-1/2
17x43			1				on axis		10219-1/2
20x30			2				on axis		10219-1/2
20x40	2	2	2				on/off axis	✓	10305-3
20x50					1		on axis		10219-1/2
20x50				2			on/off axis	✓	10305-3
24,4x65			1				on axis		10219-1/2
25x30			1 2				on axis		10219-1/2
25x45				2			on/off axis	✓	10305-3
25,4x33			1				on axis		10219-1/2
28x39,5	1 2		1				on axis		10219-1/2
30x25	1 2						on axis		10219-1/2
32x41				1 2			on axis		10219-1/2
33x44,5				1			on axis		10219-1/2
35x45			1 2 3	1 2 3	3	3	on axis		10219-1/2
35x50				1 2			on axis		10219-1/2
35x70			1 2				on axis		10219-1/2
40x20			1 2				off axis		10219-1/2
40x26,5				1			on axis		10219-1/2
40x30			1				on axis		10219-1/2
40x30	2	2	2				on/off axis	✓	10305-3
40x35			1	1 2			on axis		10219-1/2
40x50			3	1 2 3	3	1 3	on axis		10219-1/2
40x60			1 2 3	1 2 3	1 2 3	1 3	on axis		10219-1/2

THE PARAMETERS OF OUR TUBES

The tubes are manufactured according to EN 10305-3 or EN10219-1/2.

Reduced tolerance should be consulted with production.



**RECTANGULAR
TUBES**

Production options

Dimension AxB (mm)	Wall thickness (mm)							I.D. SCARFING	Standard EN
	1	1,2	1,5	2	2,5	3	Weld		
40x80			1	1			on axis		10219-1/2
42,5x39,5		3	3	3	3	3	off axis		10219-1/2
45x40			3	1 3	3	3	on axis		10219-1/2
45x55				1	1		on axis		10219-1/2
45x60				1 2			on axis		10219-1/2
45x65				1 2		1	on axis		10219-1/2
45,4x59,4				1 2			on axis		10219-1/2
46x60			2	1 2			on axis		10219-1/2
46x66		2					on/off axis	✓	10305-3
50x25			1 2				off axis		10219-1/2
50x30			2 3	3	3	3	on axis		10219-1/2
50x30			2	2			on/off axis	✓	10305-3
50x40			3	3	3	3	on axis		10219-1/2
50x70		2					on/off axis	✓	10305-3
55x40			3	1 3	1 3	1 3	on axis		10219-1/2
58x63,8				1			on axis		10219-1/2
60x25			2	2			on/off axis	✓	10305-3
60x40			1 2 3	1 2 3	3	3	on axis		10219-1/2
60x80			3	3	3	3	on axis		10219-1/2
80x50					1		off axis		10219-1/2

Production:

1 | Litovel 607

2 | Litovel 609

3 | Košice

THE PARAMETERS OF OUR TUBES

The tubes are manufactured according to EN 10305-3 or EN10219-1/2.

Reduced tolerance should be consulted with production.



Production options

SQUARE TUBES

Dimension A×A (mm)	Wall thickness (mm)								
	1	1,2	1,5	2	2,5	3	Weld	I.D. SCARFING	Standard EN
20x20			1 2				on axis		10219-1/2
25x25	2	2	2				on/off axis	✓	10305-3
30x30	2	2	2	2			on/off axis	✓	10305-3
34x34	2	2	2				on/off axis	✓	10305-3
40x40			1 2 3	1 2 3	1 3	3	on axis		10219-1/2
45x45			1 2 3	1 2 3	3	3	on axis		10219-1/2
50x50			1	1 2	1		on axis		10219-1/2
60x60			1 2 3	1 2 3	3	3	on axis		10219-1/2
80x80			3	1 3	3	3	on axis		10219-1/2

Production:

1 | Litovel 607

2 | Litovel 609

3 | Košice

THE PARAMETERS OF THE SPECIAL SHAPES

The tubes are manufactured according to EN10219-1/2.

Reduced tolerance should be consulted with production.

SPECIAL SHAPES

Production options

Dimension (mm)	The drawing of the profile	Wall thickness (mm)						
		1	1,2	1,5	2	2,5	3	Weld
30x42,6					1			on axis
31,5x40					1			on axis
35x59					1			on axis
38,6x38					1			on axis
41x4x44,4					1 3	1 3		off axis
41,8x51					1 2			on axis
49x55						1		on axis
50x45				1				off axis
50x53,5					2			on axis
50x57					2			on axis
60x35				1 3				on axis
41,4x47,1					3			off axis
47x40					2			on axis

Production:

1 | Litovel 607

2 | Litovel 609

3 | Košice

QUALITIES AND PACKAGING

The tubes are manufactured according to EN 10305-3 or EN10219-1/2.
Other mechanical and chemical properties should be consulted with Production.
The tables present minimum values.

	BKM Status
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Grade	No.	CR 1	
		Tensile strength (Rm)	Elongation (A)

E 155	1.0033	290 MPa	15%
E 195	1.0034	330 Mpa	8%
E 235	1.0308	390 Mpa	7%
E 275	1.0225	440 Mpa	6%
E 355	1.0580	540 Mpa	5%

Grade	No.	CR 2		
		Yield min. (Re)	Tensile strength (Rm)	Elongation (A)

E 190	1.0031	190 Mpa	270 Mpa	26%
E 220	1.0215	220 Mpa	310 Mpa	23%
E 260	1.0220	260 Mpa	340 Mpa	21%
E 320	1.0237	320 Mpa	410 Mpa	19%
E 370	1.0261	370 Mpa	450 Mpa	15%
E 420	1.0575	420 Mpa	490 Mpa	12%

Standard length	4 000 - 8 500 mm
Fixed lengths	150 - 4 500 mm

Packaging:

- 4 square
- 6 square
- Packaging according to customer's specification

For sizes, wall thicknesses or grades not included
in this catalog, please contact our sales department.

Sales department

CONTACT DETAILS



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