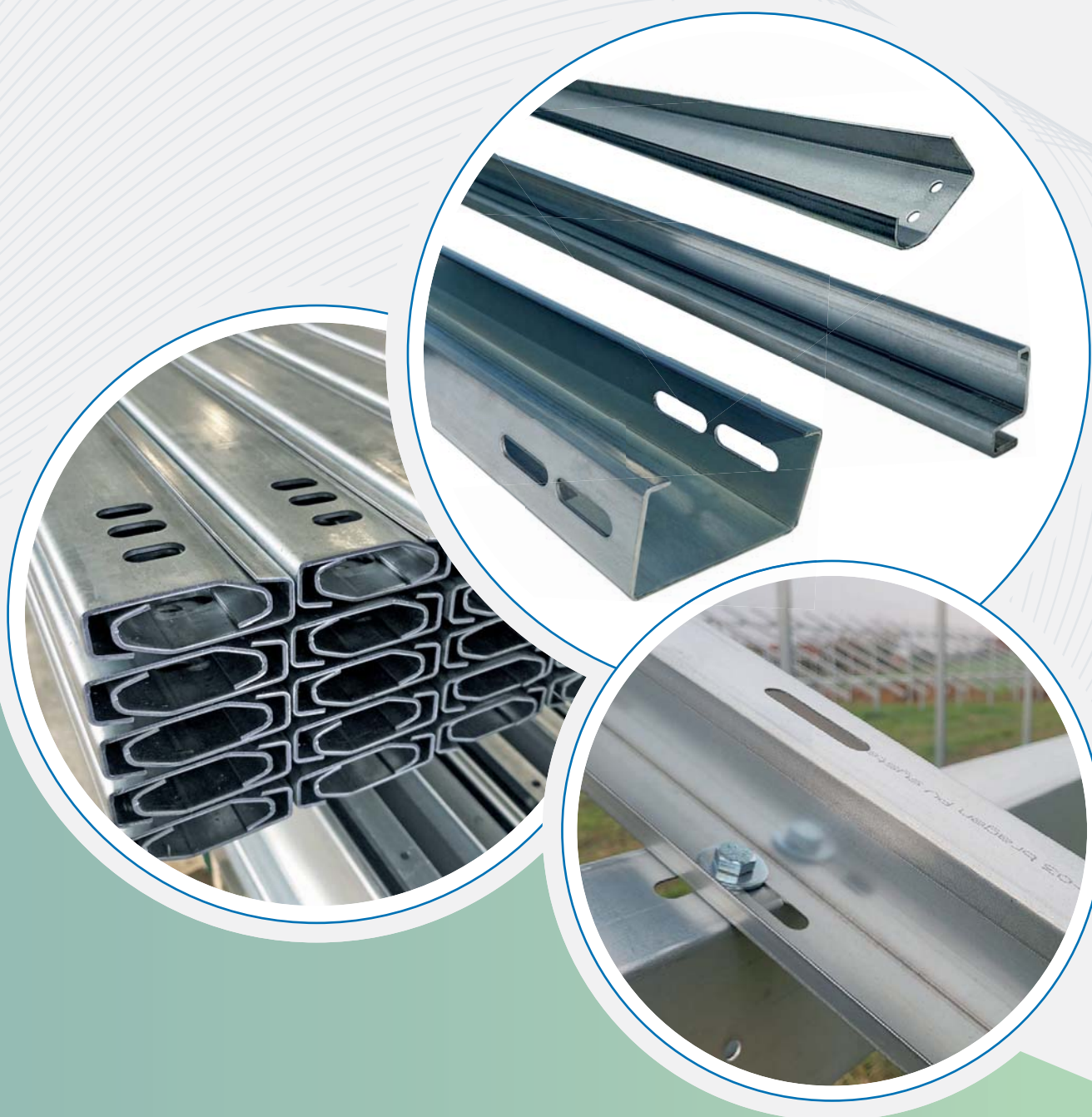




METAL TRADE COMAX, a.s.

OPEN PROFILES

PVC windows and doors | plasterboard | sectional doors
PV power plants | specialties



METAL TRADE COMAX, a.s.
273 24, Velvary 420, Czech Republic
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ISO 9001
ISO 14001
ISO 45001
ISO 50001
IATF 16949

CSTB
le futur en construction



KUNSTSTOFF
FENSTERPROFILSYSTEME



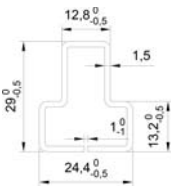
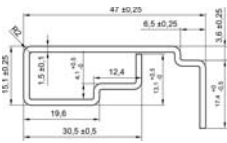
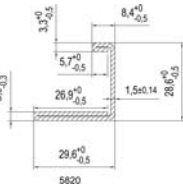
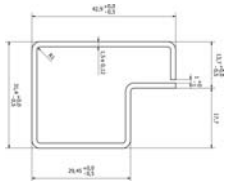
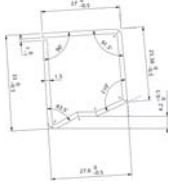
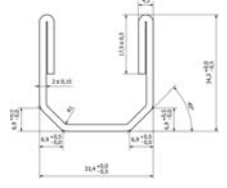
STEEL REINFORCEMENT PROFILES FOR PVC WINDOWS & DOORS

Our production covers 90-100% of the systems listed below:

ALUPLAST, KBE, PROFINE, REHAU, SALAMANDER, SCHUCO, TROCAL, WEISSPROFIL, WYMAR, ZENDOW

Processed material: HDG steel, CRC steel, HRC steel pickled.

The thicknesses of the profiles: from 0.40 mm to 4.00 mm.

Image	Profile	Technical drawing	Technical data
	CUSTOM AP20102 1.5 mm		Dimensions: 24 x 29 mm Material: DX51D + Z275NA Norm: EN 10162
	CUSTOM AP20105 1.5 mm		Dimensions: 47 x 17.4 mm Material: DX51D Norm: EN10162/EN10143
	CUSTOM RENFORT 5820 1.5 mm		Dimensions: 29.6 x 28.6 mm Material: DX51D + Z275
	DECEUNINCK DC 3205 1.5 mm		Dimensions: 42.9 x 31.4 mm Norm: STN 426333
	DECEUNINCK 5223-A4 version-2 1.5 mm		Dimensions: 26.1 x 33 mm Material: DX51D Norm: - Tolerances acc. to EN10162 not indicated - Tolerances on thickness acc. to EN10143
	DECEUNINCK 5224-A4 version-2 1.5 mm		Dimensions: 27.6 x 33 mm Material: DX51D Norm: - Tolerances acc. to EN10162 not indicated - Tolerances on thickness acc. to EN10143
	DECEUNINCK DC 4430 2.0 mm		Dimensions: 33.4 x 34.3 mm Norm: STN 426333

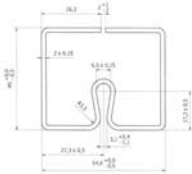
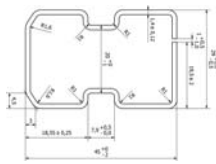
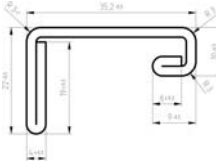
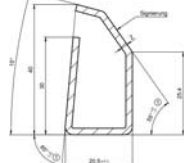
STEEL REINFORCEMENT PROFILES FOR **PVC WINDOWS & DOORS**

Our production covers 90-100% of the systems listed below:

ALUPLAST, KBE, PROFINE, REHAU, SALAMANDER, SCHUCO, TROCAL, WEISSPROFIL, WYMAR, ZENDOW

Processed material: HDG steel, CRC steel, HRC steel pickled.

The thicknesses of the profiles: from 0.40 mm to 4.00 mm.

Image	Profile	Technical drawing	Technical data
	DECEUNINCK DC 17206 2.0 mm		Dimensions: 54.6 x 45 mm Material: DX51D+Z275 Norm: EN 10143, ČSN EN 10346
	PROFINE V343 1.5 mm		Dimensions: 45 x 29 mm Material: DX51D Norm: STN 426333
	PROFINE V545 2.0 mm		Dimensions: 35.2 x 22 mm Norm: EN 10162
	SCHUCO 202867 2.0 mm		Dimensions: 40 x 20.5 mm Material: Stahl EN 10346 Norm: DX51D+Z275-N-A-C

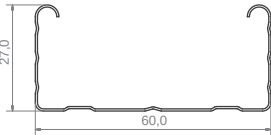
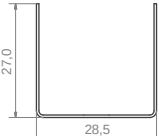
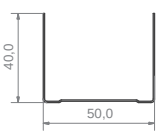
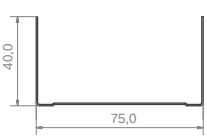
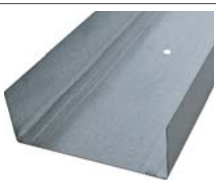
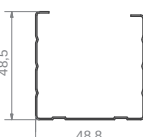
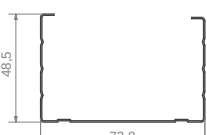
OPEN HDG STEEL PROFILES FOR PLASTERBOARD CONSTRUCTIONS

Produced according to DIN 18182-1 and EN 14195 standards.

Made of drawing non-alloyed HDG steel grade DX51D + Z by cold forming.

Type of design: Standard

Thin-walled profiles - thickness 0.6 mm

Image	Profile	Technical drawing	Technical data
	CD		Dimensions: 27 x 60 x 27 mm Specific weight: 0.579 kg/m Use: ceiling structure Bundle: 12 / 180 bars (15 small bundles)
	UD		Dimensions: 28 x 28 x 28 mm Specific weight: 0.37 kg/m Use: connecting Bundle: 8 / 448 bars (28 small bundles)
	UW 50		Dimensions: 40 x 50 x 40 mm Specific weight: 0.60 kg/m Use: wall structure Bundle: 8 / 160 bars (20 small bundles)
	UW 75		Dimensions: 40 x 75 x 40 mm Specific weight: 0.72 kg/m Use: wall structure Bundle: 8 / 120 bars (15 small bundles)
	UW 100		Dimensions: 40 x 100 x 40 mm Specific weight: 0.83 kg/m Use: wall structure Bundle: 8 / 80 bars (10 small bundles)
	CW 50		Dimensions: 50 x 50 x 50 mm Specific weight: 0.75 kg/m Use: wall structure Bundle: 8 / 128 bars (16 small bundles)
	CW 75		Dimensions: 50 x 75 x 50 mm Specific weight: 0.84 kg/m Use: wall structure Bundle: 8 / 96 bars (12 small bundles)
	CW 100		Dimensions: 50 x 100 x 50 mm Specific weight: 0.95 kg/m Use: wall structure Bundle: 8 / 64 bars (8 small bundles)

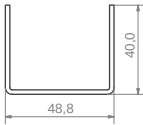
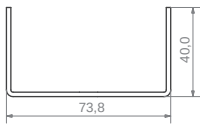
OPEN HDG STEEL PROFILES FOR PLASTERBOARD CONSTRUCTIONS

Produced according to DIN 18182-1 and EN 14195 standards.

Made of drawing non-alloyed HDG steel grade DX51D + Z by cold forming.

Type of design: Standard

Thick-walled profiles - thickness 2.0 mm

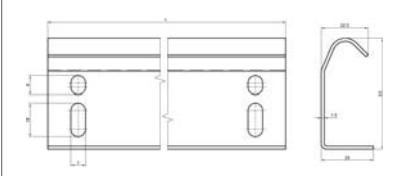
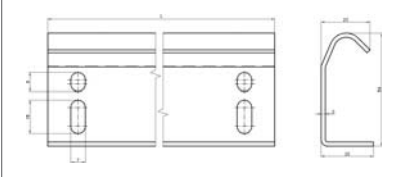
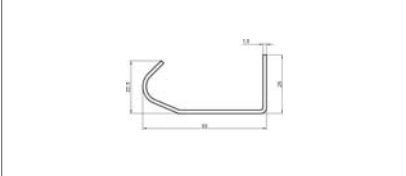
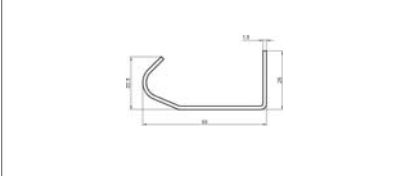
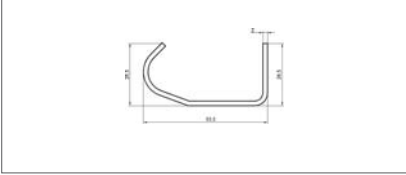
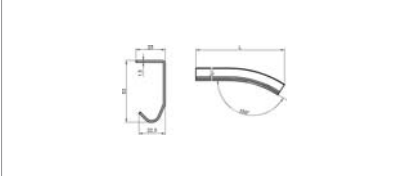
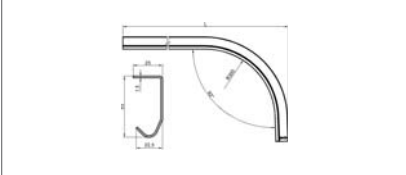
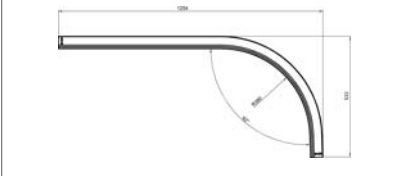
Image	Profile	Technical drawing	Technical data
	UA 50		Dimensions: 40 x 50 x 40 mm Specific weight: 1.83 kg/m Use: reinforcement Bundle: 4 / 96 bars
	UA 75		Dimensions: 40 x 75 x 40 mm Specific weight: 2.18 kg/m Use: reinforcement Bundle: 4 / 96 bars
	UA 100		Dimensions: 40 x 100 x 40 mm Specific weight: 2.55 kg/m Use: reinforcement Bundle: 4 / 64 bars

CURRENT ASSORTMENT OF PROFILES FOR SECTIONAL DOORS

Produced according to DX - DX51D+Z100-250, ČSN EN 10346

Tolerance to material strength EN 10143/2006 - DX51D

Product dimension tolerance +0,0/-0,5 mm, or according to the attached drawing

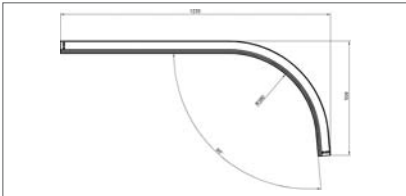
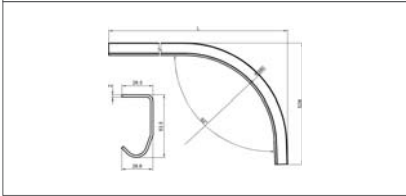
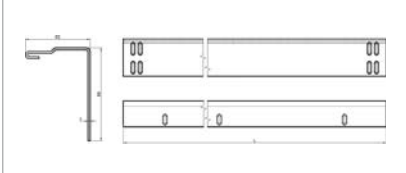
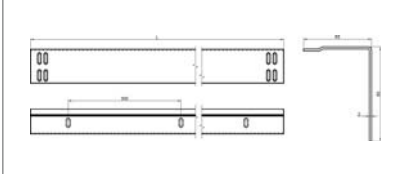
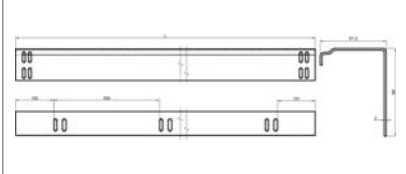
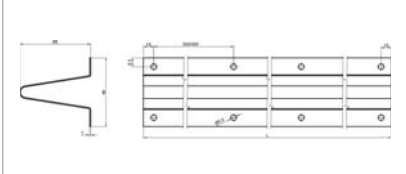
Image	Profile	Technical drawing	Technical data
Vertical Tracks			
	Track 1,5 mm		Dimensions: 53 x 25 x 1,5 mm Weight: 1,022 kg/m Bundle: 50 pcs
	Track 2,0 mm		Dimensions: 53 x 25 x 2,0 mm Weight: 1,409 kg/m Bundle: 50 pcs
	Track without holes 1,5 mm		Dimensions: 53 x 25 x 1,5 mm Weight: 1,409 kg/m Bundle: 50 pcs
	Track without holes 2,0 mm		Dimensions: 53 x 25 x 2,0 mm Weight: 1,409 kg/m Bundle: 50 pcs
	J Track 2,0 mm		Dimensions: 53,5 x 26,5 x 2,0 mm Weight: 1,431 kg/m Bundle: 50 pcs
Curves			
	Short curve 1,5 mm left & right		Radius: 380 mm Dimensions: 53 x 25 x 1,5 mm Weight: 1,022 kg/m Bundle: 50 pcs (25 left + 25 right)
	Curve 1,5 mm R300/92° left & right		Radius: 300 mm Angle: 92° Dimensions: 53 x 25 x 1,5 mm Weight: 1,022 kg/m Bundle: 50 pcs (25 left + 25 right)
	Curve 2,0 mm R380/92° left & right		Radius: 380 mm Angle: 92° Dimensions: 53 x 25 x 2,0 mm Weight: 1,409 kg/m Bundle: 50 pcs (25 left + 25 right)

CURRENT ASSORTMENT OF PROFILES FOR SECTIONAL DOORS

Produced according to DX - DX51D+Z100-250, ČSN EN 10346

Tolerance to material strength EN 10143/2006 - DX51D

Product dimension tolerance +0,0/-0,5 mm, or according to the attached drawing

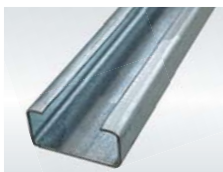
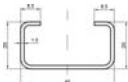
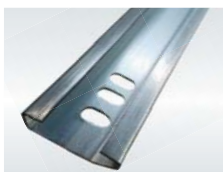
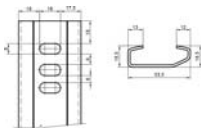
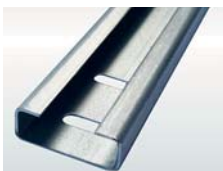
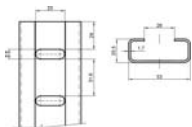
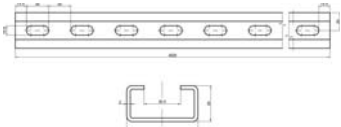
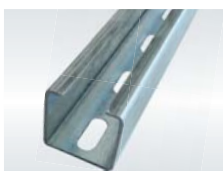
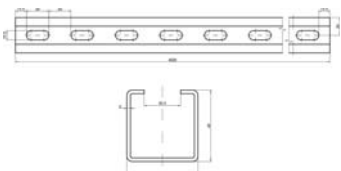
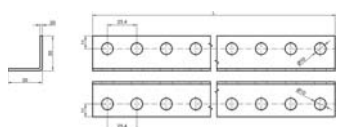
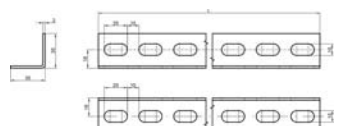
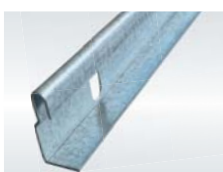
Image	Profile	Technical drawing	Technical data
	Curve 2,0 mm R380/95° left & right		Radius: 380 mm Angle: 95° Dimensions: 53 x 25 x 2,0 mm Weight: 1,409 kg/m Bundle: 50 pcs (25 left + 25 right)
	J Curve 2,0 mm R381/92°		Radius: 381 mm Angle: 92° Dimensions: 53 x 25 x 2,0 mm Weight: 1,409 kg/m Bundle: 50 pcs (25 left + 25 right)
Vertical Angles			
	LVB Profile 1,5 mm / 2,0 mm		Dimensions: 89 x 62 x 1,5 / 2,0 mm Weight: 1,902 / 2,536 kg/m Bundle: 50 pcs
	LVA Profile 2,0 mm		Dimensions: 90 x 65 x 2,0 mm Weight: 2,371 kg/m Bundle: 50 pcs
	LVD Profile 2,0 mm		Dimensions: 89 x 67,5 x 2,0 mm Weight: 2,551 kg/m Bundle: 50 pcs
Struts			
	Strut Trapezium 1,0 mm		Dimensions: 68 x 65 x 1,0 mm Weight: 1,263 kg/m Bundle: 50 pcs

CURRENT ASSORTMENT OF PROFILES FOR SECTIONAL DOORS

Produced according to DX - DX51D+Z100-250, ČSN EN 10346

Tolerance to material strength EN 10143/2006 - DX51D

Product dimension tolerance +0,0/-0,5 mm, or according to the attached drawing

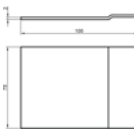
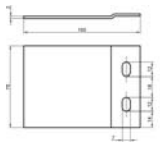
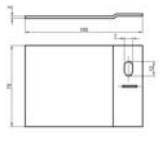
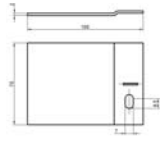
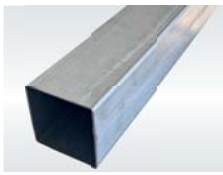
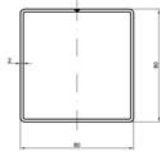
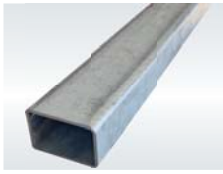
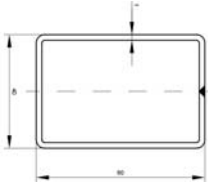
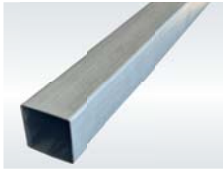
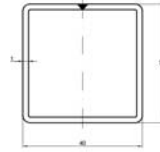
Image	Profile	Technical drawing	Technical data
Mounting profiles			
	C Profile 1,5 mm		Dimensions: 40 x 20 x 1,5 mm Weight: 0,920 kg/m Bundle: 50 pcs
	CJ Profile 2,0 mm		Dimensions: 53,5 x 18,5 x 2 mm Weight: 1,452 kg/m Bundle: 50 pcs
	C Profile 1,7 mm		Dimensions: 53 x 20,5 x 1,7 mm Weight: 1,428 kg/m Bundle: 50 pcs
	C Profile 20 perforated 2,0 mm		Dimensions: 40 x 20 x 2,0 mm Weight: 0,920 kg/m Bundle: 50 pcs
	C Profile 40 perforated 2,0 mm		Dimensions: 40 x 40 x 2,0 mm Weight: 1,876 kg/m Bundle: 50 pcs
	L Profile Round 2,0 mm		Dimensions: 30 x 30 x 2 mm Weight: 0,879 kg/m Bundle: 50 pcs
	L Profile Slotted 2,0 mm		Dimensions: 30 x 30 x 2 mm Weight: 0,879 kg/m Bundle: 50 pcs
	Lintel 20 Lintel 80		Dimensions: Weight: 0,856 / 1,603 kg/m Bundle: 50 pcs

CURRENT ASSORTMENT OF PROFILES FOR SECTIONAL DOORS

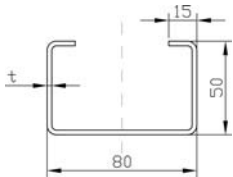
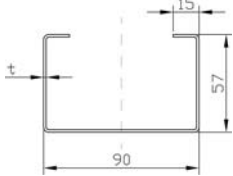
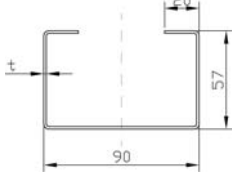
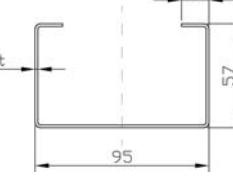
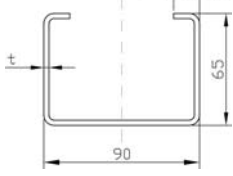
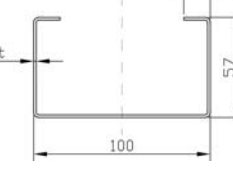
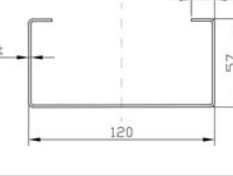
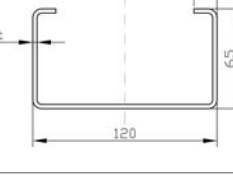
Produced according to DX - DX51D+Z100-250, ČSN EN 10346

Tolerance to material strength EN 10143/2006 - DX51D

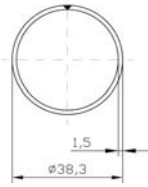
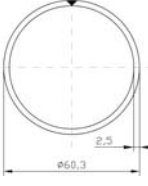
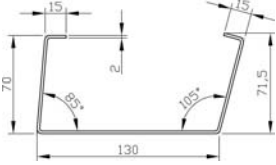
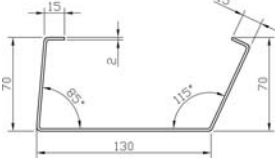
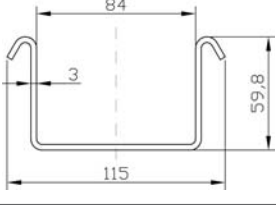
Product dimension tolerance +0,0/-0,5 mm, or according to the attached drawing

Image	Profile	Technical drawing	Technical data
	Track connection plate 2,0 mm		Dimensions: 75 x 90 x 2,0 mm Weight: 0,117 kg
	Track connection plate 2,0 mm		Dimensions: 70 x 100 x 2,0 mm Weight: 0,103 kg
	Track connection plate 2,0 mm with holes		Dimensions: 70 x 100 x 2,0 mm Weight: 0,103 kg
	Track connection plate 2,0 mm left		Dimensions: 70 x 100 x 2,0 mm Weight: 0,103 kg
	Track connection plate 2,0 mm right		Dimensions: 70 x 100 x 2,0 mm Weight: 0,103 kg
	Box beam 80 2,0 mm 3,0 mm		Dimensions: 80 x 80 x 2,0 / 3,0 mm Weight: 2,0 mm - 4,608 kg/m 3,0 mm - 6,659 kg/m
	Box beam 60 2,0 mm 3,0 mm		Dimensions: 40 x 60 x 2,0 / 3,0 mm Weight: 2,0 mm - 2,767 kg/m 3,0 mm - 4,286 kg/m
	Box beam 40 2,0 mm 3,0 mm		Dimensions: 40 x 40 x 2,0 / 3,0 mm Weight: 2,0 mm - 2,168 kg/m 3,0 mm - 3,485 kg/m

STEEL PROFILES FOR PV CONSTRUCTIONS

Image	Profile	Technical drawing	Technical data
	Front stand C 1.5 - 2.5 mm		Dimensions: 80 x 50 x 15 mm Material: with magnelis anti-corrosion coating
	Left lintel C 1.5 - 2.0 mm		Dimensions: 90 x 57 x 15 mm Material: with magnelis anti-corrosion coating
	Left lintel C 1.5 - 2.0 mm		Dimensions: 90 x 57 x 20 mm Material: with magnelis anti-corrosion coating
	Left lintel C 1.5 - 2.0 mm		Dimensions: 95 x 57 x 15 mm Material: with magnelis anti-corrosion coating
	Rear stand C 1.5 - 3.0 mm		Dimensions: 90 x 65 x 15 mm Material: with magnelis anti-corrosion coating
	C lintel 1.5 - 2.0 mm		Dimensions: 100 x 57 x 15 mm Material: with magnelis anti-corrosion coating
	C lintel 1.5 - 2.0 mm		Dimensions: 120 x 57 x 15 mm Material: with magnelis anti-corrosion coating
	C lintel 1.5 - 3.0 mm		Dimensions: 120 x 65 x 15 mm Material: with magnelis anti-corrosion coating

STEEL PROFILES FOR PV CONSTRUCTIONS

Image	Profile	Technical drawing	Technical data
	Fixing Tube 1.5 mm		Dimensions: 38.3 x 1.5 mm Material: with magnelis anti-corrosion coating
	Rear stand Tube 2.5 mm		Dimensions: 60.3 x 2.5 mm Material: with magnelis anti-corrosion coating
	Beam C 105° 2.0 mm		Dimensions: 130 x 70 x 15 mm Material: with magnelis anti-corrosion coating
	Beam C 115° 2.0 mm		Dimensions: 130 x 70 x 15 mm Material: with magnelis anti-corrosion coating
	OMEGA foot 3.0 mm		Dimensions: 115.2 x 59.8 x 14.6 mm Material: with magnelis anti-corrosion coating

90 000 pieces of COMAX steel profiles, this is KATEMO ENERGY PARK

Largest PV power plant in the Czech Republic



KATEMO ENERGY PARK

Project of the year 2025

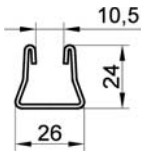
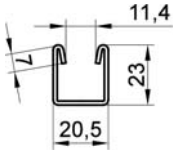
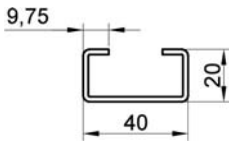
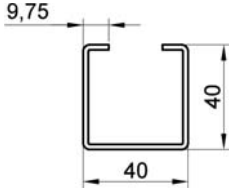
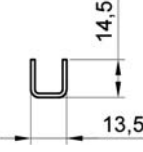
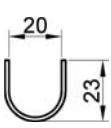
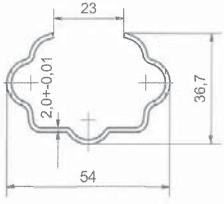


- Location:
Modlany (80 km NW of Prague)
- Power park size:
46 football fields (33 ha)
- COMAX delivery:
90,000 pcs / 1,200 tons / 400 km of steel profiles
- Material:
Cold-rolled steel with Magnelis anti-corrosion coating
- Installed capacity:
45 MWp

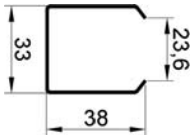
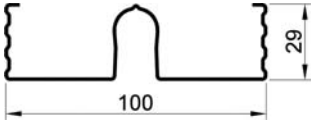
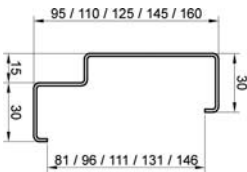
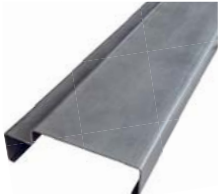
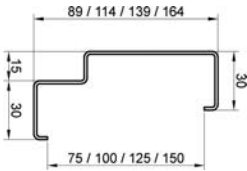
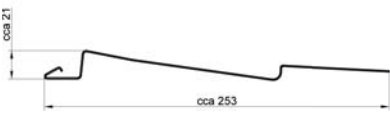
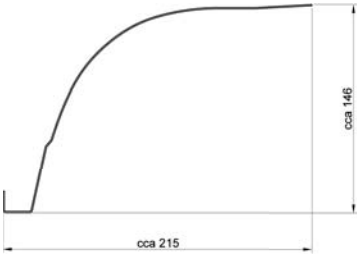


GPS KATEMO ENERGY PARK

SPECIAL PROFILES

Image	Profile	Technical drawing	Technical data
	HICON 1.5 mm		Dimensions: 26 x 24 mm The M10 screw with 6HR head for key s=16 is inserted into the profile Material: DX51D+Z Norm: ČSN EN 10346, ČSN EN 10143 Application: traffic signs
	C 20,5 SPECIAL 1.5 mm		Dimensions: 20.5 x 23 mm The M10 screw with 6HR head for key s=16 is inserted into the profile Material: DX51D+Z Norm: ČSN EN 10346, ČSN EN 10143 Application: traffic signs
	C 25 SPECIAL 1.5 mm		Dimensions: 25 x 25 mm The M8 gate bolt is inserted into the profile Material: DX51D+Z Norm: ČSN EN 10346, ČSN EN 10143 Application: traffic signs
	C 9,75 - 20 2.0 mm with holes		Dimensions: 40 x 20 mm Perforated profile - oval 10.5 x 25 mm Material: DX51D+Z / DC01 Norm: ČSN EN 10346, ČSN EN 10143 / ČSN EN 10130, ČSN EN 10131 Application: beams, brackets
	C 9,75 - 40 2.0 mm with holes		Dimensions: 40 x 40 mm Perforated profile - oval 10.5 x 25 mm Material: DX51D+Z / DC01 Norm: ČSN EN 10346, ČSN EN 10143 / ČSN EN 10130, ČSN EN 10131 Application: beams, brackets
	U 14,5 STAINLESS STEEL 1.5 mm		Dimensions: 13.5 x 14.5 mm Material: 17 240 Norm: ČSN EN 10088-2, ČSN EN ISO 9445-1, ČSN EN ISO 9445-2 Application: shower rails
	U-GM 1.5 mm		Dimensions: 23 x 23 mm Material: DC01 Norm: ČSN EN 10130, ČSN EN 10131 Application: ventilation systems
	4-W-01-07 2.0 mm		Dimensions: 54 x 36.7 mm Norm: STN 426333

SPECIAL PROFILES

Image	Profile	Technical drawing	Technical data
	SB-TREVOS 0.6 mm		Dimensions: 33 x 38 mm Material: DC01 Norm: ČSN EN 10130, ČSN EN 10131 Application: luminaires
	COLUMN PROFILE 0.6 mm		Dimensions: 100 x 29 mm Material: DX51D+Z Norm: ČSN EN 10346, ČSN EN 10143 Application: ceiling heating
	H 95 H 110 H125 H145 H160 1.5 mm		Dimensions: 95 110 125 145 160 x 45 mm Material: DC01 / DD11 Norm: ČSN EN 10130, ČSN EN 10131 / ČSN EN 10051, ČSN EN 10111 Application: door frames
	ZS 75 ZS 100 ZS 125 ZS 150 1.5 mm		Dimensions: 89 114 139 154 x 45 mm Material: DC01 / DD11 Norm: ČSN EN 10130, ČSN EN 10131 / ČSN EN 10051, ČSN EN 10111 Application: door frames
	BANDAGE IVECO 0.6 mm		Dimensions: cca 253 x 21 mm Material: HX300LAD+ZF Norm: ČSN EN 10346, ČSN EN 10143 Application: automotive
	IVECO CAP 0.6 mm		Dimensions: cca 215 x 146 mm Material: HX300LAD+ZF Norm: ČSN EN 10346, ČSN EN 10143 Application: automotive

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

Sales department

CONTACT DETAILS



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