



PROFILES:

ADDING VALUE, ADDING SERVICE

Manufacturing

From our SOTEP facility in Issoudun, France we complement our range with Profiles: Square, Rectangle, Oval or as requested by Customer Drawings.

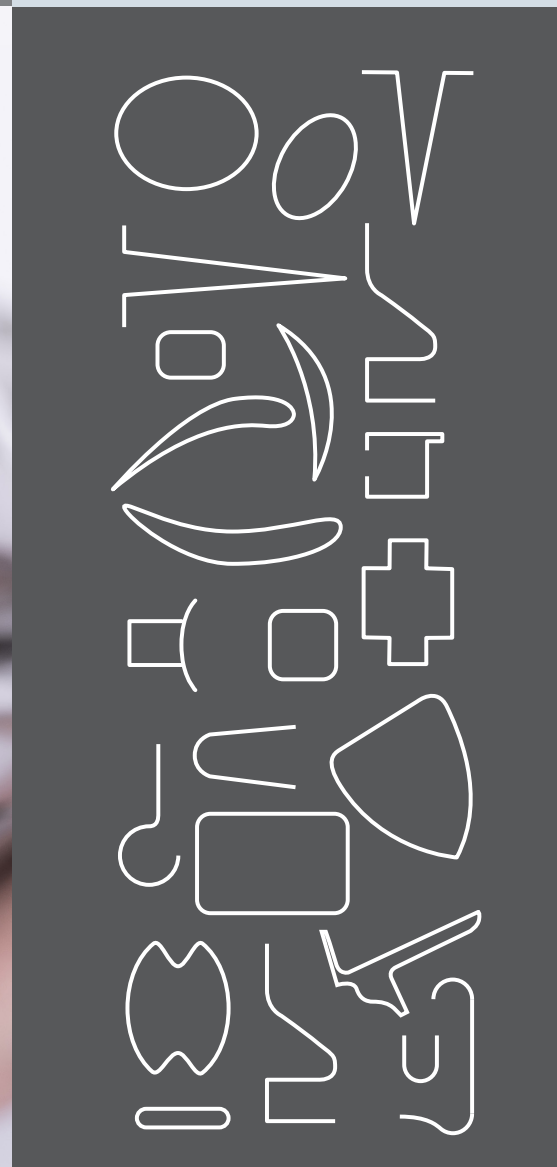
We add further value through: Precision Cutting, End Preparations, Machining, Bending.

Global Service

Flexibility: from 1m/1ft to Global Deliveries. Short Lead times to support your urgent needs. Our Global Sales Team ensure Local Service.

Dimensional range

From micro components to structural mechanical tubing. Profiles based upon a Tube Outside Diameter from 1.6 mm (0.080") Outside Diameter to 51 mm (2") and wall thickness from 0.1 mm (0.004").



GRADES & CAPABILITIES

All figures in weight percentage.

Stainless Austenitic & Martensitic																
Grade	DMV Designation	Typical specification	Nearest equivalent		Typical Chemical composition						Density		Min. Mechanical Prop. at RT			
			UNS	EN	C _{max}	Cr	Ni	Mo	Cu	Others	g/cm ³	lb/in ³	Yield St. _{RP0.2}		Tensile St. _{R_m}	
304L	DMV 304L	AMS5564	S30403	1.4306	0.03	19.0	11.0	-	-	-	7.9	0.29	170	25	485	70
321	DMV 321	AMS5557	S32100	1.4541	0.08	18.5	10.5	-	-	Ti > 5 x C < 0.6 %	7.9	0.29	170	25	485	70
347	DMV 347	AMS5557	S34700	1.4550	0.08	18.5	11.0	-	-	Nb > 10 x C < 1.0 %	7.9	0.29	205	30	515	75
316L	DMV 316L	AMS5573	S31603	1.4404	0.03	17.0	12.0	2.25	-	-	8.0	0.29	170	25	485	70
21-6-9	DMV 2169	AMS 5561	S21900		0.08	19.0	17.0	5.5		Mn 8.0	7.9	0.29	330	48	655	95
17 4 PH	DMV174PH	AMS 5643	S17400	1.4542	0.07		4.0		4.0		7.9	0.29	1140	165	1170	170

Nickel Alloys																
Grade	DMV Designation	Typical specification	Nearest		Typical Chemical composition						Density		Min. Mechanical Prop. at RT			
			UNS	EN	C _{max}	Cr	Ni	Mo	Cu	Others	g/cm ³	lb/in ³	Yield St. _{RP0.2}		Tensile St. _{R_m}	
600	DMV 600L	AMS5580	N06600	2.4816	0.025	16.0	76.0	-	-	Fe 80	8.4	0.30	180	26	550	80
625	DMV 625	AMS5581	N06625	2.4856	0.025	22.0	63.0	9.0	-	Nb 3.5 Grade 1	8.5	0.31	414	60	827	120
C263	DMV C263		N07263	2.4650	0.08	20.0	49.0	5.6			8.4	0.30	585	85	1004	145
718	DMV 718	AMS5589	N07718	2.4668	0.08	17.0	50.0	2.80			8.1	0.29	1100	160	1375	199
Alloy 188	DMV 188		R30188	2.4683	0.015	0.1	22.0	22.0	-	Co 39.0, W 4.0, Fe < 3.0	9.1	0.33	379	55	862	125
Alloy 230	DMV230		N06230	2.4733		22.0	57.0	2.0	-	W 4.0, Co < 5.0, Fe < 3.0	9.0	0.32	310	45	758	110

Pure Nickel																
Grade	DMV Designation	Typical specification	Nearest equivalent		Typical Chemical composition						Density		Min. Mechanical Prop. at RT			
			UNS	EN	C _{max}	Cr	Ni	Mo	Cu	Others	g/cm ³	lb/in ³	Yield St. _{RP0.2}		Tensile St. _{R_m}	
Ni 200	DMV 200		N02200	2.4066	0.05	-	99.4	-	-	-	8.9	0.32	103	15	379	55
Ni 201	DMV 201		N02201	2.4068	0.02	-	99.4	-	-	-	8.9	0.32	83	12	345	50

Quality Certifications

We operate a global Management system with an extensive customer approval reference list.
EN ISO 9001 EN ISO 14001 EN9100. NADCAP In process.

Contact us

Bringing together our manufacturing facilities in Germany, France, Italy and USA whilst embracing our manufacturing relationship in India.



Material solutions and tube expertise

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