

Acero para Válvulas Automotrices

Automotive valve steel

Our quality focused on our customer

CAS Safety Policy:

- 1) Safety management manual
- 2) Prevention policy of relevant accidents and fires
- 3) Plant general rescue plan

Our quality and R&D service has the responsibility of guaranteeing that Cogne products respond to both the most demanding International Standards and to each customer's individual specifications. Our company is certified according to ISO 9001:2008; ISO/TS 16949:2009; ISO14001:2004. Our goal is the continuous improvement of our products, the complete satisfaction of our customers and the constant search for competitive advantage on a global scale. Our search for innovative solutions and the promotion of a customer-orientated Company Culture lead us to develop the following:

- Customer service
- Metallurgical process control
- Laboratory and testing
- Research and Development
- Quality Certification
- Customer homologation



Este producto es ideal para las siguientes industrias
This product is ideal for the following industries



Automotriz
Automotive



Naval
Naval

Our Dashboard

Quality in every step of the way



Melting

High purity
Microcleannes
Macrostructure online control



Rolling & heat
treatment

Product defectivity online control
Heat treatment diagram control



Finishing

Peeling, Drawing & Grinding
Magnetic annealing treatment
Mechanical characteristic control



Final
inspection

Dimensional laser control
Magnatest
Eddy current testing machine
US testing
Final approval

Production programme

Grade	C	Si	Mn	P	S	Cr	Mo	Ni	Nb	W	N ₂	Annealed HRC	Hardened & tempered HRC	EN 10090	SAE	JIS	Others	
VA34	0.28-0.38	0.5-1.0	1.5-3.5	≤0.050	≤0.030	22-24	≤0.5	7.0-9.0		≤0.5	0.25-0.35	≤38		1.4866	X33CrNiMnN23.8	EV16		23-8N
VA61	0.48-0.58	≤0.45	8-10	≤0.050	≤0.030	20-22		3.25-4.5			0.35-0.50	≤40		1.4871	X53CrMnNiN21.9	EV8	SUH35	21-4N
VA66/2	0.5-0.6	≤0.25	7-10	≤0.050	≤0.030	19.5-21.5		1.5-2.75			0.20-0.40	≤40		1.4875	X55CrMnNiN21.9	EV12		21-2N
VA63	0.45-0.55	≤0.45	8-10	≤0.050	≤0.030	20-22		3.5-5.5	1.8-2.5	0.8-1.5	0.40-0.60	≤40		1.4882	X50CrMnNiNbN21.9	EV8NbW		21-4NWNb
VM09	0.45-0.55	1.0-2.0	≤0.60	≤0.030	≤0.030	7.5-9.5		≤0.50				≤30			X50CrSi8.2		SUH11	
VM11	0.40-0.50	2.7-3.3	≤0.80	≤0.040	≤0.030	8.0-10.0		≤0.50				≤30	30-35/ 35-43	1.4718	X45CrSi9.3	HNV3	SUH1	
VM12D/1	0.35-0.45	2.0-3.0	≤0.80	≤0.040	≤0.030	9.0-11.0	0.8-1.3					≤30	30-35	1.4731	X40CrSiMo10.2		SUH3	

CAS Products for automotive



Braking Systems

Anti-lock braking solenoids



Exhaust Systems

Catalytic
(Welding wire, wool wire, wire for support rings and bars for fixing elements)



Safety

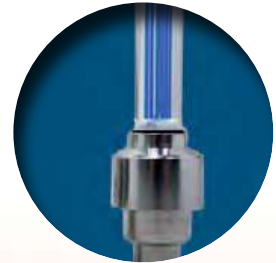
Windshield wipers
(Support wire)

Airbag
(Bars for cartridge And knitted wire)

Cruise control

Abs and ride Control Solenoids

Pressure sensors



Engine management

Fuel injectors

Engine valves

Oxygen sensors fuel

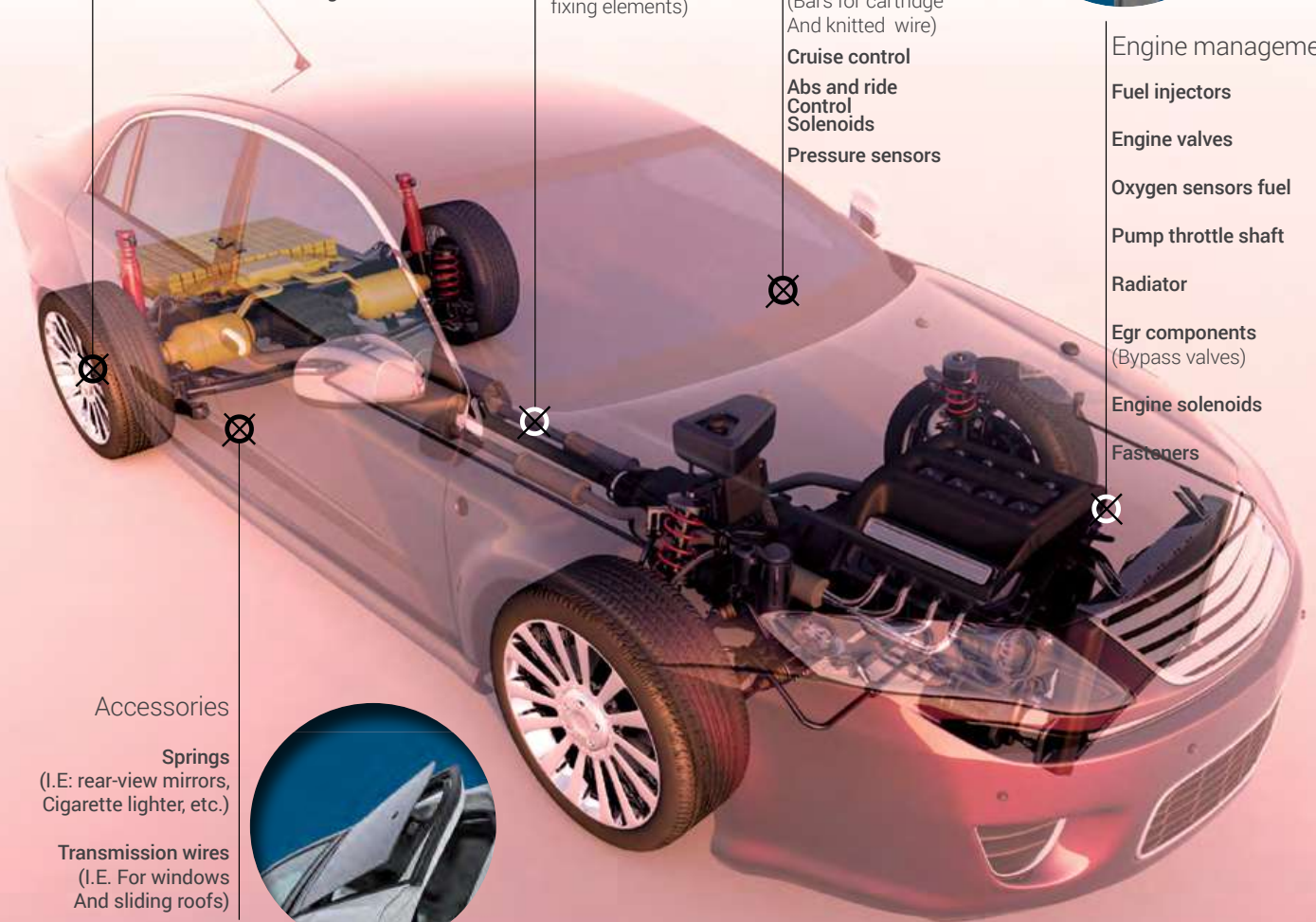
Pump throttle shaft

Radiator

Egr components
(Bypass valves)

Engine solenoids

Fasteners



Accessories

Springs
(I.E: rear-view mirrors, Cigarette lighter, etc.)

Transmission wires
(I.E. For windows And sliding roofs)

