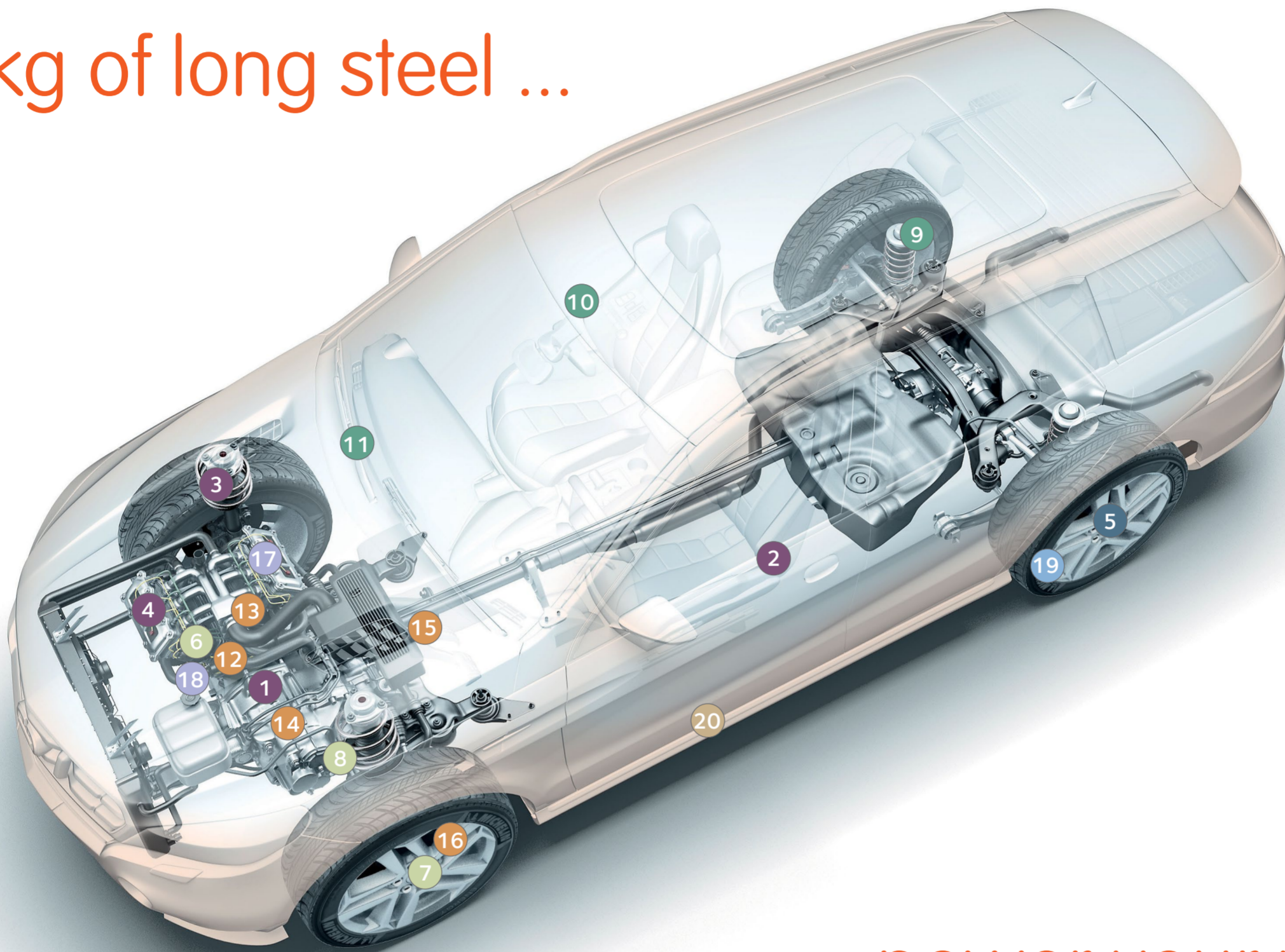




Long steel in your car

165 kg of long steel ...



- Bearing
- Cold heading
- Drawing and cold rolling
- Forging
- Free cutting
- alloyed Spring
- Steelcord
- Welding

... power your vehicle.


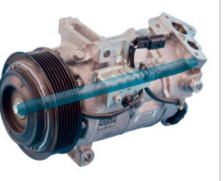


Efficient Powertrain

<p>1 – clutch springs</p>  <p>54SiCr6 60SiCrV7</p>	<p>12 – connecting rods</p>  <p>C70S6 38MnVS6 46MnVS6</p>
<p>4 – valve spring</p>  <p>54SiCr6 Superclean</p>	<p>13 – crankshaft/piston</p>  <p>38MnVS5 41CrS4 42CrMo4 Solam® B1100 - B1150 IH</p>
<p>5 – bearing</p>  <p>100Cr6 100CrMo7</p>	<p>14 – shafts & pinions</p>  <p>27MnCr5 20NiCrMo2 27CrMo4</p>
<p>6 – conrod screws</p>  <p>Freeform® M 1500 H₂</p>	<p>17 – injector parts</p>  <p>Usimax® D38 C45 C45Pb</p>

Light-weight Chassis

<p>3 – suspension spring</p>  <p>54SiCr6 61SiCr7 Solam® M 2050 S cor</p>	<p>16 – wheel hub</p>  <p>30MnSiV6 38MnSiV6 41CrS4</p>
<p>8 – pin ball</p>  <p>30MnVS6 27MnCrB52 Freeform®</p>	<p>20 – welding wire</p>  <p>SG2 SG3</p>
<p>9 – piston rod</p>  <p>C35 C45</p>	<p>2 – return spring for seat</p>  <p>C60</p>
<p>15 – tripod joint</p>  <p>C45 C60</p>	<p>7 – fasteners, screws, bolts</p>  <p>37CrB1 17MnB4 23MnB4</p>

Safety & Comfort

<p>10 – seat belt torsion bar</p>  <p>C10D</p>	<p>18 – air conditioning compressor</p>  <p>115MnPb30 115Mn30 100 Cr6</p>
<p>11 – windscreen wiper</p>  <p>C18 C36 C20C C36D</p>	<p>19 – steelcord wire</p>  <p>C70 C80 C90Cr</p>

ArcelorMittal is at the forefront of innovation for the worldwide Automotive market. ArcelorMittal Europe produces light-weight steel solutions in bars and rods that meet the CO₂ emissions reduction objectives. On average, 165kg of long steel products (about 12% of a car weight) power your vehicle. You can find bars and rods parts in the powertrain (engine, gearbox, transmission), in the chassis (steering, suspensions), in the safety & comfort parts (tyres, seats) and in many other components.