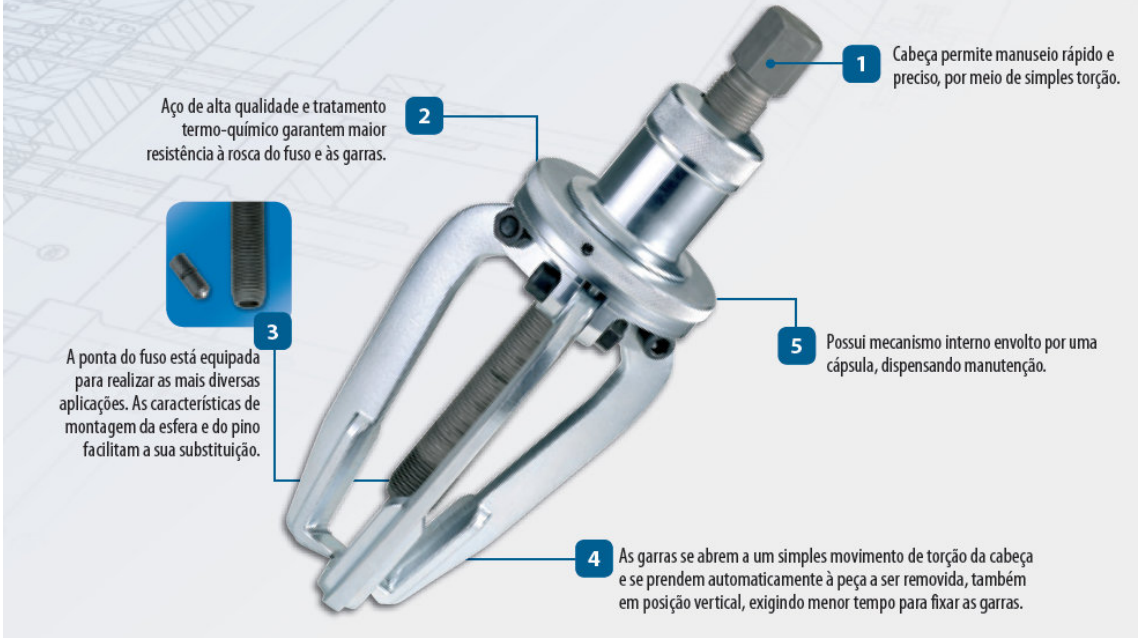1.09 - Sacapolia universal de giro e extração