# Nomenclature of Kovis brake discs

- **O** – Axle mounted brake disc
- **P** - Flange mounted brake disc
- **K** - Wheel mounted brake disc
- **D** – Double axle mounted brake disc
- **Z** – Undivided (one piece) brake plate
- **D** - Divided brake plate
- **M** – Brake plate and hub from one piece (Monoblock)
- **R** - Divided monoblock brake plate
- **F** - Divided+non-divided brake plate (Only for wheel mounted brake discs)

**X1** - Outside Diameter [mm]
**X2** - Inner Diameter [mm]
**X3** - Width of the brake plate [mm]
**X4** – Wear limit [mm]
**X5** - Width of the hub (or wheel) [mm]

**T** – Tangential pins
**V** - Ribs
**I** - Injector
**B** - Without
**N** – NET System
**Q** – Special design for Freight wagons
**F** – FUTURA (light-weight, comes only with O shape of hub)

- **S** - Lamellar Graphite (EN-GJL)
- **M** – Special Cast Iron
- **V** - Vermicular Graphite (EN-GJV)
- **N** - Spheroidal Graphite (EN-GJS)
- **J** – Cast steel (GS)
- **K** - Bolts
- **P** - Bushes
- **N** - Without
- **G** – Bolts and bushes
- **F** – 3 bolts + shape
- **O** – 6 bolts + shape

- **X5** - Hub (hole) dimension
  - Centering or mounting diameter on wheel mounted brake discs

**X6** - Tolerance field

- **B** – Without
- **G** – Semi circular
- **K** – Square
- **V** – Cylindrical

**K** - Taper ratio

**Example:**

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<td>S</td>
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<td>0</td>
<td>Ø193</td>
<td>H6</td>
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<td>Ø276/12x813</td>
<td></td>
<td></td>
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</table>

- **Example:**

| Ø | Z | Ø610/Ø350/110/7/150 | T | S | K | 0 | Ø193 | H6 | G | Ø276/12x813 |