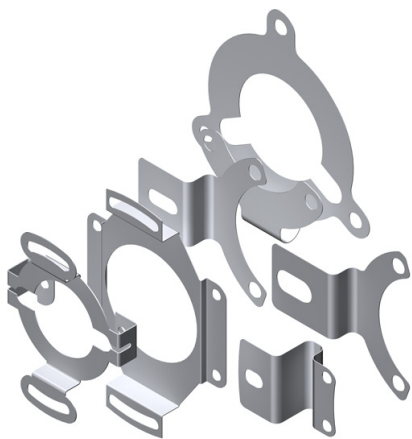




ANTI-ROTATION SYSTEM

FLEXIBLE ANTI-ROTATION SYSTEM



Code	Appropriate series	Fixation screws
90.1014	19, 50H, 59, 59S, PR90H	5 M4 x 6 DIN912, DIN84
90.1018	19, 50H, 59, 59S, PR90H, E58HS, E58HM, SMRS19, SMRS59, SMRS59S	3 M4 x 6 DIN912, DIN84
90.1020	19, 50H, 59, 59S, PR90H, 64, E58HS, E58HM, SMRS19, SMRS59, SMRS59S	3 M4 x 6 DIN912, DIN84
90.1024	19, 50H, 59, 59S, PR90H, 64, E58HS, E58HM, SMRS19, SMRS59, SMRS59S	3 M4 x 6 DIN912, DIN84
90.1025	77, 80	5 M4 x 6 DIN912, DIN84
90.1026	64	3 M4 x 6 DIN912, 3 M4 DIN127
90.1027	19, 59, 59S, PR90H, 64, 64S, 66, SMRS19, SMRS59, SMRS59S, SMRS64, SMRS64S	4 M3 x 6 DIN7985, 4 M3 DIN127B
90.1036	22, 22H, E36HM, E36HS	2 M2,5 x 5 DIN7985, 2 M2,5 DIN6798A
90.1037	22, 22H, E36HM, E36HS	2 M2,5 x 5 DIN7985, 2 M2,5 DIN6798A
90.1038	SMRS 64	4 M2,5 x 6 DIN912, 4 M2, 60 DIN127B
90.1039	64, 64S, SMRS64, SMRS64S	2 M3 x 6 DIN912, 2 M3 DIN127B
90.1040	19, 59	-
90.1041	64, 64S, 66, 77, 80	1 M3 x 6 DIN912, 1 M3 DIN127
90.1045	19, 59, 59S, PR90H, 64, 64S, 66, E58HS, E58HM, SMRS19, SMRS59, SMRS59S, SMRS64, SMRS64S	4 M3 x 6 DIN7985, 4 M3 DIN127
90.1046	64, 64S, SMRS19, SMRS59, SMRS59S, SMRS64, SMRS64S	2 M3 x 6 DIN912, 2 M3 DIN127
90.1071	64, 64S, SMRS19, SMRS59, SMRS59S, SMRS64, SMRS64S	2 M3 x 6 DIN7985, 2 M3 DIN127
90.1072	64, 64S, SMRS19, SMRS59, SMRS59S, SMRS64, SMRS64S	2 M3 x 6 DIN7985, 2 M3 DIN127
90.1075	19, 50H, 59, 59S, PR90H, E58HS, E58HM	3 M4 x 6 DIN912, 3 M4 DIN127
90.1076	19, 50H, 59, 59S, PR90H, E58HS, E58HM, SMRS19, SMRS59, SMRS59S	2 M4 x 6 DIN912, 2 M4 DIN127
90.1083	22, 22H, E36HS, E36HM	2 M2,5 x 5 DIN7985, 2 M2,5 DIN6798A
90.1086	64, 64S, SMRS19, SMRS59, SMRS59S, SMRS64, SMRS64S	2 M3 x 6 DIN912, 2 M3 DIN127B
90.1095	19, 50H, 59, 59S, PR90H, 64, E58HS, E58HM, SMRS59, SMRS59S	3 M4 x 6 DIN912, 3 M4 DIN127
90.1101	64, 64S	4 M2,5 x 6 DIN912, 4 M2,60 DIN127B
90.1108	80	6 M3 x 6 DIN912, 6 M3 DIN127B
90.1109	77	6 M3 x 6 DIN912, 6 M3 DIN127B
90.1110	50H	2 M2,5 x 5 DIN7985, 2 M2,60 DIN127B
90.1111	22, 22H, E36HM, E36HS	2 M2,5 x 5 DIN7985, 2 M2,5 DIN6798A
90.1116	28, E24HS	3 M1,6 x 5 DIN7985
90.1119	77	6 M3 x 5 DIN912, 6 M3 DIN127B
90.1124	67, 67S	2 M4 x 6 DIN912
90.1129	67, 67S	2 M3x 5 DIN912, 2 M3 DIN127B
90.1132	22M	2 M3x 6 DIN7985, 2 M3 DIN6798A
93.0102085	22, 22H	2 M2,5 x 5 DIN7985, 2 M2,5 DIN6798A
93.0102086	50HI	2 M2,5 x 6 DIN912
93.0102087	22, 22H, E36HS, E36HM	2 M2,5 x 5 DIN7985, 2 M2,5 DIN6798A

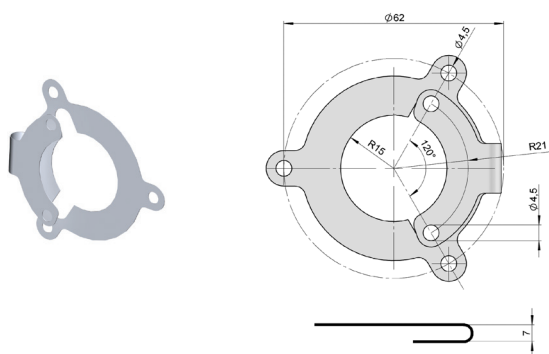


ANTI-ROTATION SYSTEM

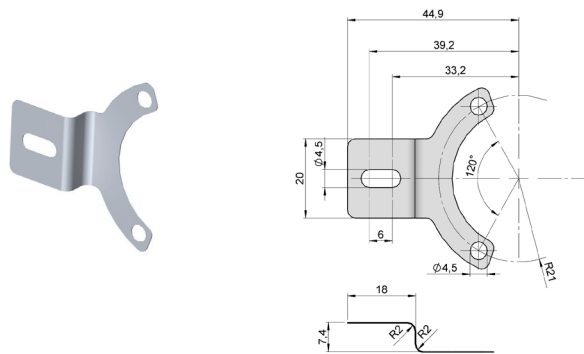
FLEXIBLE ANTI-ROTATION SYSTEM

Code	Appropriate series	Fixation screws
93.0102090	19, 59, 59S, PR90H, E58HS, E58HM	4 M3x6 DIN7985, 4 M3 DIN127B
93.0102094	28	2 M 2 x 4 DIN912
93.0102112	22M	2 M3 x 5 DIN912, 2 M3 DIN127B
93.0102145	22, 22H, E36HS, E36HM	2 M 2,5 x 5 DIN7958, 2 M2,5 DIN6798A
93.0102150	22, 22H, E36HS, E36HM	2 M 2,5 x 5 DIN7958, 2 M2,5 DIN6798A

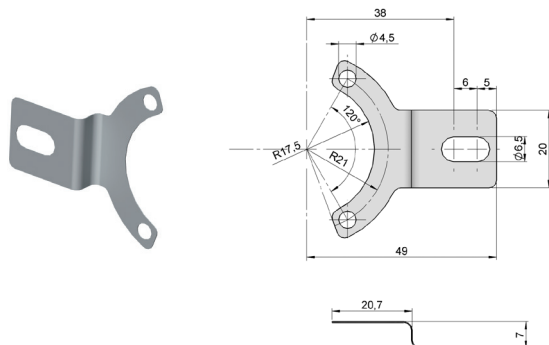
90.1014



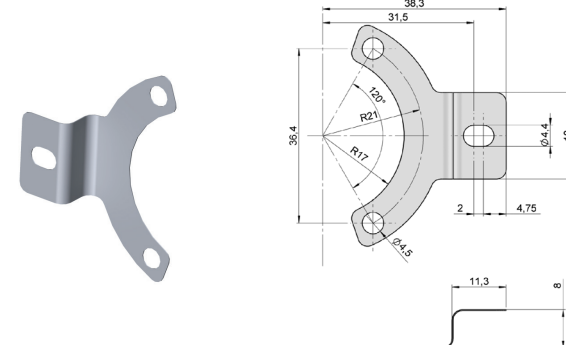
90.1018



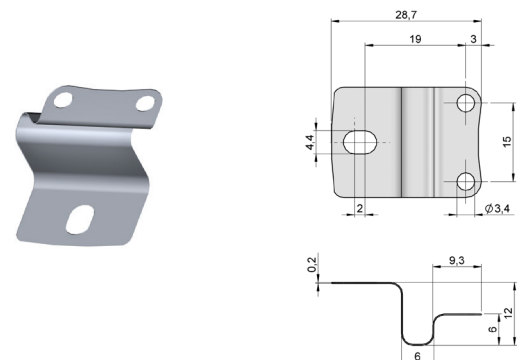
90.1020



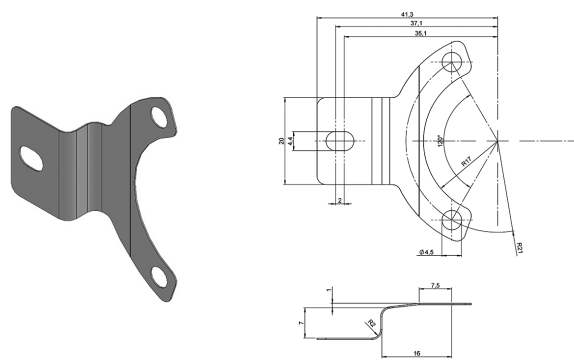
90.1024



90.1025



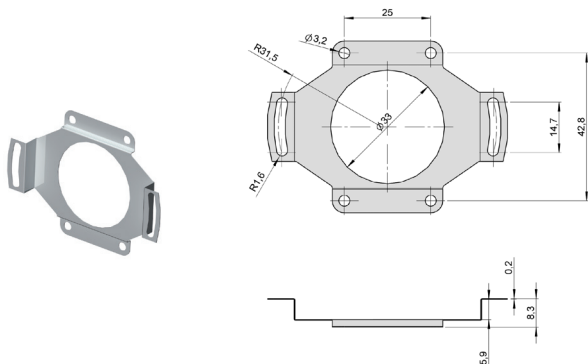
90.1026



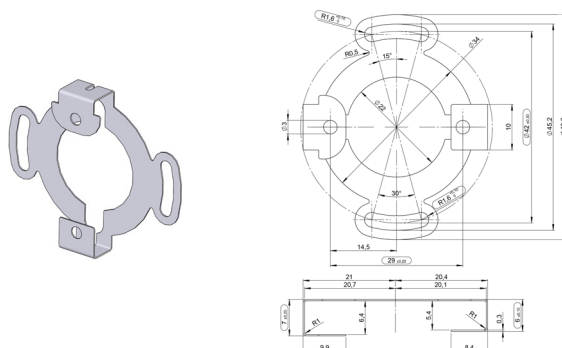
ANTI-ROTATION SYSTEM

FLEXIBLE ANTI-ROTATION SYSTEM

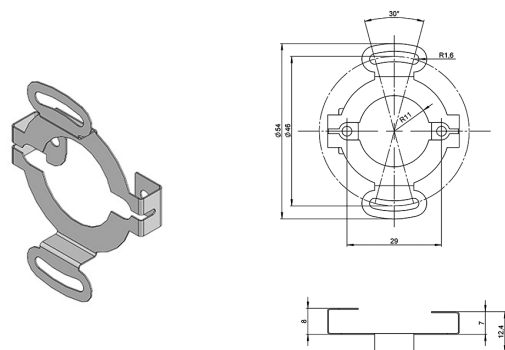
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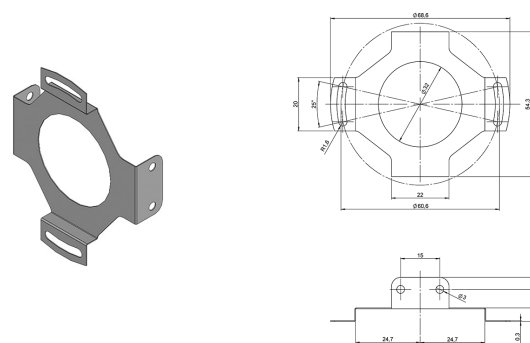
90.1036



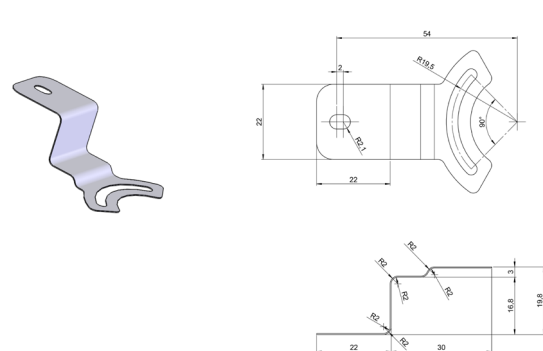
90.1037



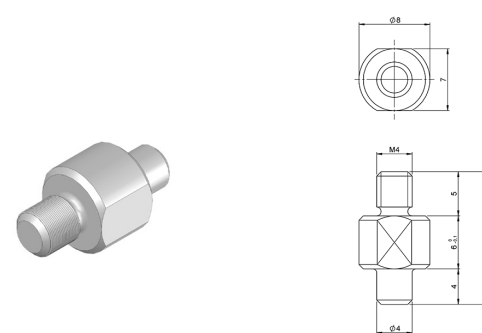
90.1038



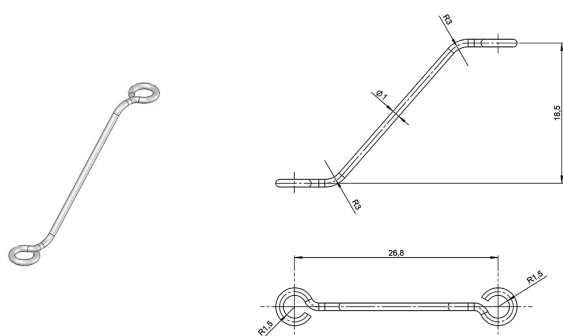
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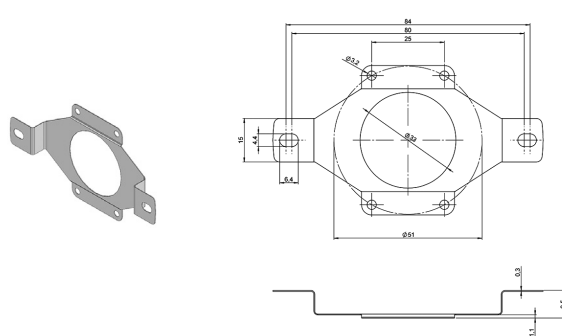
90.1040



90.1041



90.1045



FLEXIBLE ANTI-ROTATION SYSTEM



Technical drawing of a mechanical part showing front and top views with dimensions.

Front View (Top):

- Overall width: 38
- Overall height: 35
- Left side features a vertical slot with a width of 3.
- Right side features a semi-circular end with a radius of 11.7.
- Two circular holes are located on the right side, with a center-to-center distance of 28.5.

Top View (Bottom):

- Overall width: 38
- Overall depth: 35
- Left side features a vertical slot with a width of 3.
- Right side features a semi-circular end with a radius of 11.7.
- Two circular holes are located on the right side, with a center-to-center distance of 28.5.

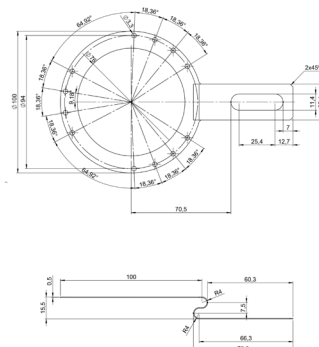
Technical drawing of a mechanical part, showing two views: a top view (left) and a side view (right). The top view shows a rectangular base with a semi-circular cutout on the left and a semi-circular protrusion on the right. Dimensions include a total width of 38, a semi-circular cutout with a radius of 9, a distance of 21.7 from the left edge to the start of the protrusion, a distance of 28.9 from the left edge to the center of the protrusion, and a distance of 9 from the left edge to the center of the protrusion. The side view shows a rectangular base with a semi-circular cutout on the left and a semi-circular protrusion on the right. Dimensions include a total height of 24, a semi-circular cutout with a radius of 9, a distance of 17.7 from the left edge to the start of the protrusion, a distance of 8.5 from the left edge to the center of the protrusion, a distance of 3.2 from the left edge to the center of the protrusion, a distance of 8.5 from the left edge to the center of the protrusion, a distance of 0.5 from the left edge to the center of the protrusion, and a distance of 27.7 from the left edge to the center of the protrusion.

[illegible][illegible]

FLEXIBLE ANTI-ROTATION SYSTEM

The technical drawing illustrates the Torsion Drive Unit (TDU) from three perspectives:

- Perspective View (Left):** Shows the 3D structure of the TDU, highlighting its complex, multi-faceted design.
- Front View (Middle):** A circular cross-section showing internal components and dimensions. Key dimensions include:
 - Overall diameter: $\varnothing 60.8$
 - Inner diameter: $\varnothing 52$
 - Outer diameter at base: $\varnothing 61.8$
 - Internal features are labeled with "Torsion Drive Unit M2-A-17".
- Side View (Right):** A vertical cross-section showing the profile of the unit. Key dimensions include:
 - Total height: 14.8
 - Top section height: 2
 - Bottom section height: 10
 - Internal features are labeled with "Torsion Drive Unit M2-A-17".



Technical drawing of a mechanical part, showing a perspective view and two orthographic views (front and side). The part is a circular flange with a central hole and a rectangular handle. Dimensions are given in millimeters (mm).

Perspective View:

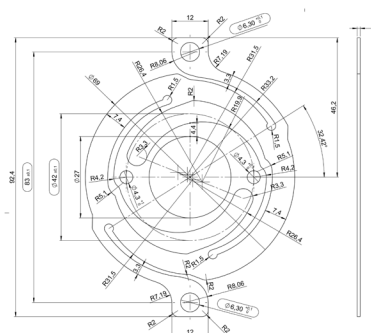
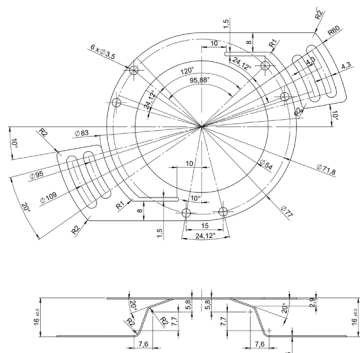
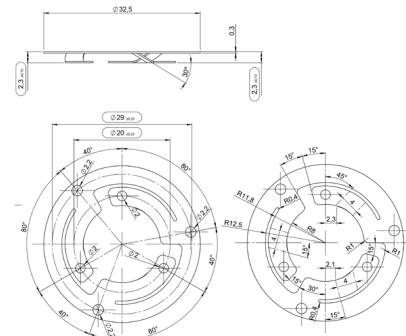
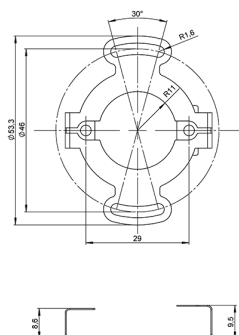
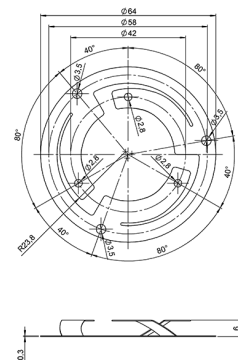
- Overall diameter: 118 mm
- Central hole diameter: 60 mm
- Flange thickness: 10 mm
- Handle width: 20 mm
- Handle height: 100 mm

Front View (Top):

- Overall diameter: 118 mm
- Central hole diameter: 60 mm
- Flange thickness: 10 mm
- Handle width: 20 mm
- Handle height: 100 mm

Side View (Left):

- Overall diameter: 118 mm
- Central hole diameter: 60 mm
- Flange thickness: 10 mm
- Handle width: 20 mm
- Handle height: 100 mm



FLEXIBLE ANTI-ROTATION SYSTEM

The technical drawing shows a mechanical part with the following views and dimensions:

- Isometric View:** A 3D representation of the part, showing a base plate with two circular holes and a vertical flange with a semi-circular top and a keyhole-shaped cutout.
- Front View:** Shows the part's profile with a total width of 30 mm, a base height of 20 mm, and a flange height of 18 mm. It includes a semi-circular top with a radius of 3.0 mm and a keyhole-shaped cutout with a width of 10 mm and a depth of 12 mm. The distance between the centers of the two circular holes is 17.8 mm.
- Top View:** Shows the part from above with a total width of 30 mm and a total depth of 20 mm. It includes two circular holes with a diameter of 10 mm, spaced 17.8 mm apart. The distance from the left edge to the center of the first hole is 13.2 mm. The distance from the bottom edge to the center of the first hole is 10.5 mm.
- Side View:** Shows the part from the side with a total width of 30 mm and a total depth of 20 mm. It includes a semi-circular top with a radius of 3.0 mm and a keyhole-shaped cutout with a width of 10 mm and a depth of 12 mm. The distance between the centers of the two circular holes is 17.8 mm.

Technical drawing of a mechanical part (Fig. 1.10) showing isometric, top, and side views with dimensions.

- Isometric View (Top Left):** Shows a 3D perspective of the part. It has a central circular body with two semi-circular handles on opposite sides. The top handle has a rectangular protrusion.
- Top View (Top Right):** A circular cross-section with the following dimensions:
 - Overall diameter: $\varnothing 46$
 - Inner diameter: $\varnothing 21.9$
 - Distance from center to the center of the top handle: 32
 - Radius of the top handle: $R14$
- Side View (Bottom Right):** A cross-section showing the profile of the part with the following dimensions:
 - Overall height: 57
 - Height of the central body: 40
 - Height of the top handle: 17

[illegible]

Technical drawing of a mechanical part, showing isometric, front, and side views with dimensions.

Isometric View: Shows a part with a central vertical slot, a horizontal flange, and two angled feet.

Front View: Dimensions include overall width 41.2 mm, top flange width 9.7 mm, central slot width 5.4 mm, vertical distance 6.5 mm, bottom flange width 17.9 mm, and total height 34.7 mm.

Side View: Dimensions include overall width 41.2 mm, top flange width 9.7 mm, central slot width 5.4 mm, vertical distance 6.5 mm, bottom flange width 17.9 mm, and total height 34.7 mm.

Top View: Dimensions include overall width 41.2 mm, top flange width 9.7 mm, central slot width 5.4 mm, vertical distance 6.5 mm, bottom flange width 17.9 mm, and total height 34.7 mm.

Bottom View: Dimensions include overall width 41.2 mm, top flange width 9.7 mm, central slot width 5.4 mm, vertical distance 6.5 mm, bottom flange width 17.9 mm, and total height 34.7 mm.

[illegible]

The technical drawing shows a mechanical part with three views:

- Isometric View (Left):** Shows a part with a central circular hole, two side flanges with slots, and a top flange.
- Front View (Top):** Shows the part with a central hole of diameter $\varnothing 11$, a total width of 86, and a total height of 89.5. It includes dimensions for the side flanges (30, 15, 15, 30) and the top flange (20, 15, 15, 20).
- Top View (Bottom):** Shows the part with a central hole of diameter $\varnothing 11$, a total width of 86, and a total height of 89.5. It includes dimensions for the side flanges (30, 15, 15, 30) and the top flange (20, 15, 15, 20).

[illegible]

The technical drawing shows a mechanical part with three views:

- Isometric View (Left):** Shows the overall shape of the part, which is a bracket with a central circular hole and three smaller circular holes on the left side.
- Front View (Top):** Shows the part from the front. It has a total width of 76 mm and a total height of 53.9 mm. The central hole has a diameter of 46.9 mm. The part has a base of 4 mm and a top flange of 17 mm. The left side has a vertical edge of 17 mm and a horizontal edge of 4 mm. The right side has a vertical edge of 53.9 mm and a horizontal edge of 4 mm. The part has a central hole with a diameter of 46.9 mm and a central hole with a diameter of 53.9 mm. The part has a central hole with a diameter of 46.9 mm and a central hole with a diameter of 53.9 mm.
- Top View (Bottom):** Shows the part from the top. It has a total width of 90 mm and a total height of 105 mm. The central hole has a diameter of 46.9 mm. The part has a base of 20 mm and a top flange of 17 mm. The left side has a vertical edge of 17 mm and a horizontal edge of 4 mm. The right side has a vertical edge of 53.9 mm and a horizontal edge of 4 mm. The part has a central hole with a diameter of 46.9 mm and a central hole with a diameter of 53.9 mm. The part has a central hole with a diameter of 46.9 mm and a central hole with a diameter of 53.9 mm.

FLEXIBLE ANTI-ROTATION SYSTEM

