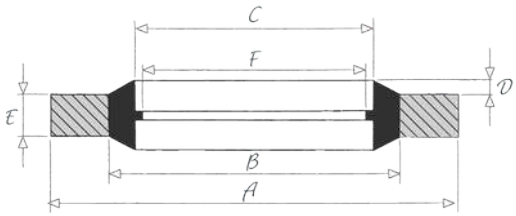
HUTCHINSON®

DATA SHEET
Bonded seal 205553

PART INFORMATION

Part number	205553
Inside diameter C	8.70 mm
External diameter A	13.00 mm
Diameter B	10.00 mm
Diameter D	0.30 mm
Diameter F	6.40 mm
Thickness E	1.00 mm
Size standard	AS8
Rubber family	NBR
Rubber compound	PC851
Metal washer	Stainless Steel T316





PC851 COMPOUND INFORMATION

Original characteristics

Hardness Sh A	80
Tensile strength	17 MPa
Elongation at break	225 %
Compression set	15 % (24h 100°C)
TR10	-25 °C
Brittle point	-35 °C
Operational temperature range *	-30 °C / 100 °C
Peak temperature	120 °C

Rubber color: Black

Official agreements
Gaz : EN549 – H3B1

General information
Bi-material ring washer-rubber, bonded seals are particularly suitable for sealing under the heads of bolts and screws, for pipe couplings (both high and low pressure).
It has the advantage of being removable and reusable, as opposed to other seals.

* The temperature range is given as an indication and can be influenced by the environment, the fluids in contact and the operating conditions.

NBR FAMILY

Good resistance
Mineral oils
Domestic gas
Water up to 70 °C
Fuels
Aliphatic solvants

Poor resistance
Acids
Atmospheric agents
Brake fluids

Particularities
Good mechanical characteristics

Typical applications
Hydraulic & pneumatic
Valves & fittings water and mineral gas
Mineral oil & fuel circuits

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