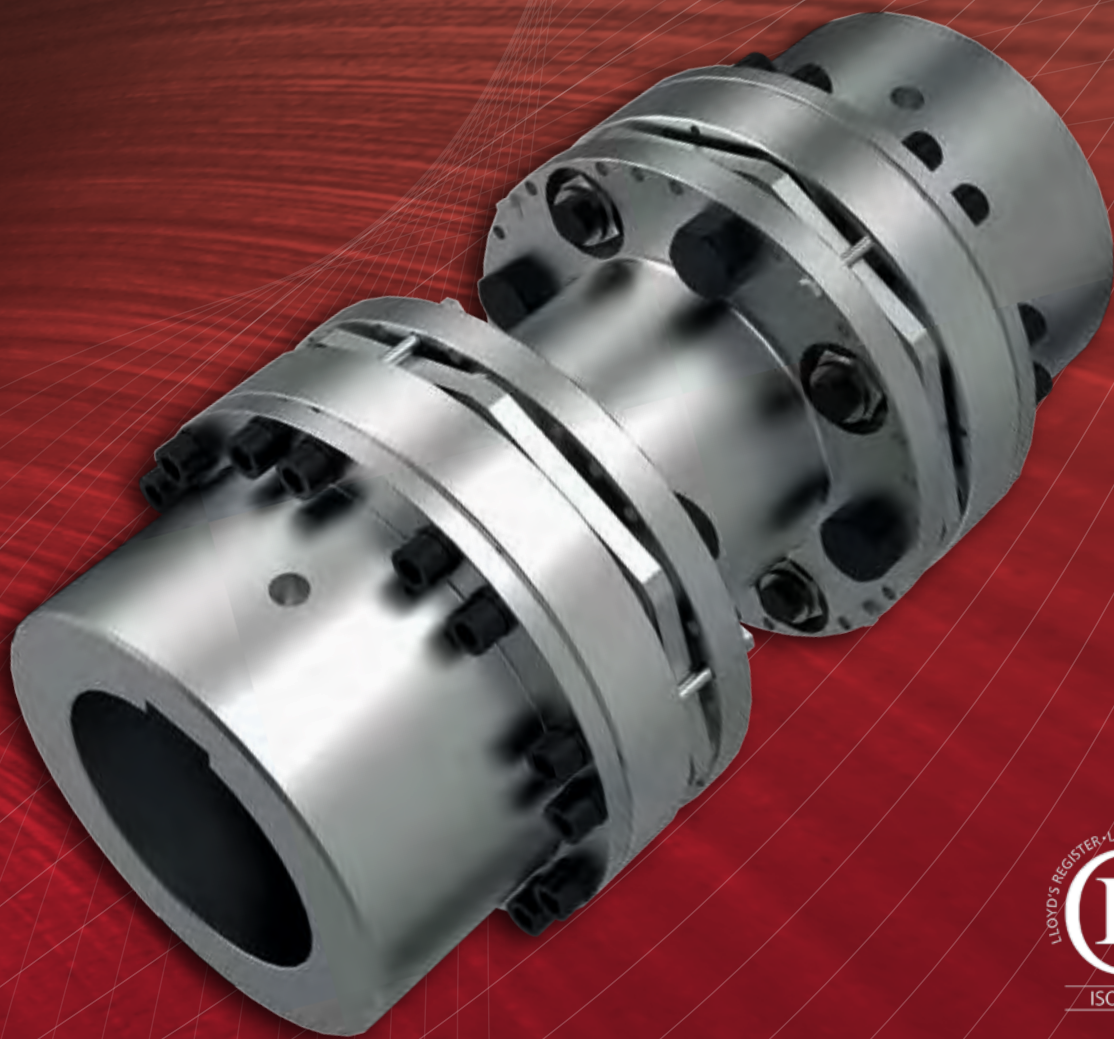




SAPIT *flex*®

GIUNTI DI TRASMISSIONE DI POTENZA

POWER TRANSMISSION COUPLINGS



DISC COUPLING
TYPE HNS - AH - ALH - 6 - 8 BOLTS
API 610



API 610 DISC COUPLINGS

HNS-AH-ALH - 6 Bolts - 8 Bolts

The **SAPITFLEX Disc Couplings** are manufactured to operate in a temperature range between -50°C to +250°C according to API 610 (ISO 13709 - ISO 14691) with Torque Range From 320Nm up to 152000Nm - 6 Bolts - 8 Bolts.

FEATURES

- Low weight with high torque capacity
- High speed rotation
- Angular - axial - parallel misalignments
- Work in both senses of rotation
- Torsional rigid and backlash free
- High torsional stiffness
- Operate at low and high temperatures
- Operation in critical environmental conditions
- Possibility of replacing the disc pack without moving the coupled machine
- Integrated safety stop in case of breaking of the disc packs
- Fully compliant API 610 (ISO 13709 - ISO 14691) On request compliant with API 671
- Balancing system AGMA 9000-C90 class 9 minimum balance quality, available also balancing with UNI ISO 21940-11 or API 671.
- Highly customizable

DESIGN

- Two precision machined coupling hubs and a precision spacer tube mounted on the disc packs using high strength screws and bushings for alignment and frictional locking of the Axial fixing with DIN 916 fastening screws.

MATERIAL

- Disc packs: Highly elastic and corrosion resistant spring steel Aisi 301.
- Hubs and Spacer: high strength carbon steel, for low temperature on request alloy steel
- Bolts class 10.9 and nuts class 10.

SURFACE PROTECTION

- Nitox (Nitriding Oxidising)
- Manganese phosphating

OPTIONS

- Options of spark resistance, electrical insulation, limited axial backlash, axial setting shims and torque limiting are available.
- ATEX 2014/34/UE

