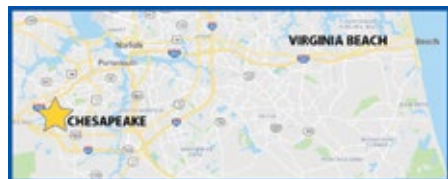


A global power transmission solutions provider, with facilities strategically located throughout the world, providing comprehensive products and services in your region.

HELICAL SHAFT MOUNT

PARALLEL SPEED REDUCER

Headquarters



4200 Holland Blvd
Chesapeake, VA 23323

Email: SMA.CustomerService@shi-g.com
Phone: 757-485-3355

- ★ MANUFACTURING HUB & HEADQUARTERS
- ★ MANUFACTURING HUB
- ASSEMBLY & SERVICE
- SERVICE
- ▲ REGIONAL SALES OFFICE



• **Taper-Grip® Bushing**

• **Screw Conveyor**

• **Packing Gland**

• **Lip Seal**

INPUTS & OUTPUTS

• **Backstops**
Easily accessible
sprag style

• **Belt Drives**
Modern "V" or
traditional classic

• **Belt Guards**
Expanded metal
or polymeric

ACCESSORIES

HOUSING

Rugged cast iron housing
ensures maximum work life
in demanding environments.

TAPERED ROLLER BEARINGS

Oversized and heavy-duty for
maximum strength and extended life.

STRONGER GEARS

Hardened, honed, and shaved
with a 25° pressure angle.

TAPER-GRIP BUSHING®

Offers simple shaft mounting and
provides self-aligning, backlash-
free torque transmission to the
driven shaft.

SEALS

CARBURIZED GEARING

Strong gear surface and resilient
core to maximize shock resistance.

■ HELICAL SHAFT MOUNT

RUGGED AND RELIABLE WITH ACCURATE GEAR ALIGNMENT

Provides a **simple and convenient** equipment interface by mounting directly on the drive shaft. Featuring ratios from 5:1 to 25:1 and input power capabilities up to 300 HP. The HSM uses our patented keyless **Taper-Grip® Bushing** for quick reducer mounting and removal. Robust integrated input shafts and pinions provide durability.

CEMA-standard screw conveyor shafts in both two- and three-hole designs are readily available in both carbon steel and stainless steel. Accessories include Belt Guards, Backstops, Belt Drives and Top Mounts.

ORIENTATIONS



Horizontal



Vertical



Upright

SPECS



HP RATING
Up to 300 HP
(220 kW)



DIAMETER
107 to 608
(Hollow Bore)



TORQUE
Up to 389,432 lb•in
(44,051 N•m)



RATIO RANGE
5:1 to 25:1