

Gleason Offers New Machine For Bevel Gear Roll Testing

Gleason Corp. is offering a new machine for roll testing spiral and hypoid bevel gear sets.

In its press release, Gleason said its new 600 HTT Turbo Tester performs faster CNC-controlled roll testing of those gear sets.

The tester can accommodate workpieces with 600-mm diameters. Besides basic pattern checking, the 600 HTT tests for single-flank transmission error and structure-borne noise for soft and hard parts.

According to Gleason, the roll tester has a small-footprint, ergonomic, easy-to-use design.

For more information, visit Gleason Corp.'s website at www.gleason.com.

Circle 320

Textron Has New Helicoidal Gear Geometry in Gearmotors, Reducers

Textron Power Transmission has a new helicoidal gear geometry for its Series B Conex™ helicoidal right angle gearmotors and reducers.

According to Textron, the new geometry, called Conex™ inside, provides high capacity and efficiency. The gearmotors and reducers have power capabilities up to 20 hp, with a maximum torque of 5,000 lb.-in. They also have gear ratios up to 60:1 in one stage.

For more information, visit the company's website at www.textronpt.com.

Circle 321



Samputensili Automates Bevel Gear Deburring, Chamfering

Samputensili has a new machine, the S 450/750 DBC Gear Debur Cell, that automates deburring and chamfering of bevel gears.

The cell uses a FANUC 6-axis servo-driven robot and a programmable controller. The cell can be used to do top and bottom tooth and root gear deburring and chamfering geometry.

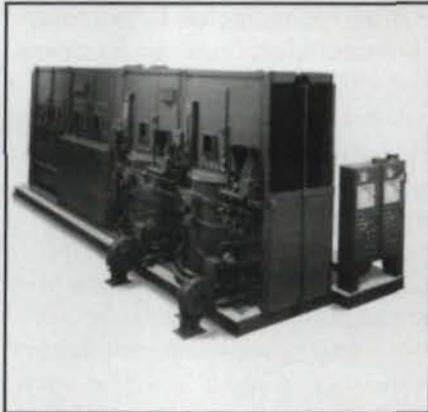
In its press release, SU America Inc. said the S 450/750 reduces the time and cost normally associated with most deburring operations. It also said the cell provides more precise, consistent part-to-part accuracy.

According to SU America, the cell eliminates the need to manually debur and chamfer gears.

The cell is available in two sizes: 2" through-hole with 18" diameter and 4" through-hole with 30" diameter.

In North America, for more information, contact SU America through Meritage Inc. of Rockford, IL, by telephone at (815) 484-9250 or by fax at (815) 484-9254.

Circle 322



Kolene Adapts Ferritic Nitrocarburizing for Better Corrosion Resistance

Kolene Corp. has developed a variation of its Nu-Tride ferritic nitrocarburizing process to improve parts' corrosion resistance and give them a black, low RMS finish. The variation, called the QPQ process, is used to finish automotive gears and other parts, such as hydraulic and pneumatic parts.

According to Kolene's press release, QPQ processing follows Nu-Tride processing and further improves parts' corrosion resistance.

For more information, contact Kolene Corp. of Detroit, MI, by telephone at (313) 273-9220 or visit its website at www.kolene.com.

Circle 323

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