

MANUFACTURE

Design and Development

DAVALL
GEARS



MACHINED GEAR COMPONENTS • GEARBOX DESIGNS • AND TRANSMISSION SPECIALISTS

Driven By Quality.

DAVALL GEARS

Davall Gears specialise in the production of high quality gears and geared drives for over 60 years. Today the Company is at the forefront of its technology, capable of designing, developing, manufacturing, assembling and testing a wide range of geared drives and precision gears for a variety of applications for use worldwide.

DAVALL DIVERSITY AND VERSATILITY

Davall Gears' objective is to provide a comprehensive service, having the versatility to meet the demands of a wide variety of customers. Such a commitment has led to close involvement in a diverse range of projects. Which means that today Davall gears and geared drives are being used in many areas of industry.



DAVALL GEARS QUALITY

Quality is of the utmost concern to all Davall Gears employees, in every department of the Company. A fully approved quality assurance system to ISO:9001 is operated, ensuring that customers' technical and contractual requirements are met in an efficient and cost-effective manner.

DAVALL 'SPIRADRIVE'®

A unique name for unmatched performance in right-angle drive applications, 'SPIRADRIVE'® provides a significantly higher power transmission capability to that given by an equivalent sized worm & wheel gearset.

'SPIRADRIVE'® offers ratios from 6:1 to 350:1 with high shock strength gears that are smoother running than any other gear type of equal size and ratio – they are also less sensitive to mounting errors than worm, bevel, hypoid or zerol gears, providing near zero backlash (fully adjustable) in operation.

'SPIRADRIVE'® can be designed and manufactured to customers' requirements or adapted from a range of stock items.



DAVALL DESIGN & DEVELOPMENT

A highly qualified design team, backed up with the latest engineering software for purpose-made development and test facilities, is able to provide a complete service, from feasibility study through to prototype design, build and test. Davall customers benefit significantly from the considerable knowledge and experience gained over many years solving power transmission problems. Existing products can also be redesigned using state-of-the-art materials and gear technology to optimise performance cost-effectively.



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DAVALL MANUFACTURE AND TEST

Davall continue to invest in new technology, including the latest in CNC lathes, machining centres, profile grinding and worm thread grinding and gear cutting machines, where it is beneficial to the economic, accurate and timely manufacture of components for customer products. In recent times the all-round capability of the Company has been



further developed as it diversifies into new markets worldwide. Standard or special purpose test equipment incorporating full

instrumentation and hard copy facilities can be put into operation for prototype, development and production testing to

APPROVALS

In addition to the ISO:9001 approval, the Company has been awarded individual approvals by many notable prime contractors in aerospace, defence and industry.



DAVALL CUSTOMER SUPPORT

Davall can support U.K. and international customers with a top quality service. Experienced engineers are always available to provide assistance in product selection and application, as well as provide on-site technical support.



AS: 9001
REG NO 0206X
AGP-1 Ec 3
REG NO 10041

Driven By Quality.



Davall Gears
Power transmission manufacturers



Mollart
Universal joints



Davall Stock Gears
Transmission products off the shelf



Technical gear moulding specialists



Davall Gears
Travellers Lane, Welham Green
Hatfield, Hertfordshire AL9 7JB
Telephone: 01707-283100
Fax: 01707-283111
Email: info@davall.co.uk
www.davall.co.uk



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