

• UKAS TEST CERTIFICATE •

CLIENT : DANLY U.K. LIMITED 2 Aintree Road Perivale Greenford Middlesex London UB6 7LA CONTACT : Mr J. C. Danly	CERTIFICATE NUMBER : 009904 (Supplement to Cert No 002860) IST JOB NO. : 6265Q ORDER NO. : Letter 23/01/96 Page No 1 of 2
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SAMPLE IDENTITY : DATE OF RECEIPT : TEST PROCEDURE :	Three sets of compression springs, part number 9-1204-36 identified as 'Raymond', 'Danly International' (previously known as 'Ready'), 'IEM' (previously known as 'Danly Die Set'). 13/02/96 Documented in-house test procedure.
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Fatigue Testing of Compression Springs, Part Number 9-1204-36

The springs were cycled between lengths corresponding to the 'catalogue' maximum deflection conditions of 23.97mm and 18.80mm (i.e. 5.17mm stroke) at a test speed of 3000 cycles/minute.

The results were as shown below:-

'Raymond' Springs (Colour Code Green)

Spring No	Cycles	Broken	Unbroken
1	185,000	x	
2	156,760	x	
3	166,160	x	
4	164,410	x	
5	154,530	x	
6	9,000,860	x	
7	157,470	x	
8	198,250	x	
9	152,030	x	
10	167,680	x	

'Danly International ('Ready') Springs (Colour Code Yellow)

Spring No	Cycles	Broken	Unbroken
1	466,450	x	
2	10,000,000		x
3	3,043,070	x	
4	1,995,730	x	
5	10,000,000		x
6	10,000,000		x
7	10,000,000		x
8	314,670	x	
9	10,000,000		x
10	10,000,000		x



INSTITUTE OF SPRING TECHNOLOGY
 Henry Street, Sheffield. S3 7EQ. United Kingdom
 Tel: +44 (0)114 276 0771 Fax: +44 (0)114 252 7997
 Email: ist@ist.org.uk Internet: www.ist.org.uk

Approved by:.....

M. S. Bayliss M. P. Hayes M. O'Malley A. Watkinson
 Senior Engineer Senior Metallurgist Information Manager Managing Director

on behalf of the IST Ltd Date:.....



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'IEM' ('Danly Die Set') Springs (Colour Code Yellow/Green Strips)

Spring No	Cycles	Broken	Unbroken
1	238,290	x	
2	286,540	x	
3	178,390	x	
4	138,640	x	
5	231,390	x	
6	199,170	x	
7	114,490	x	
8	144,870	x	
9	136,010	x	
10	211,740	x	

End of Test Report



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