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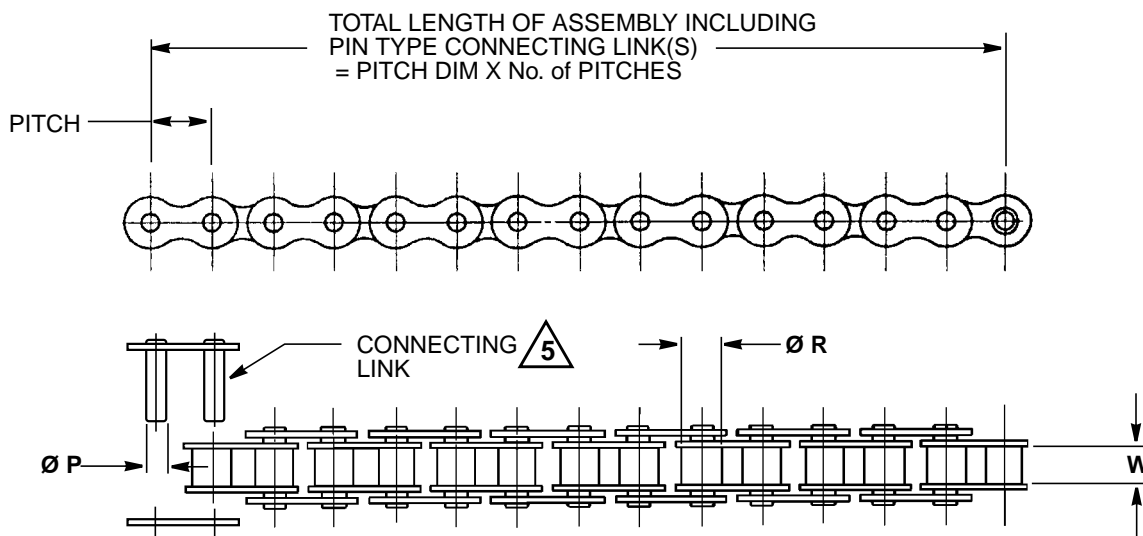
**de HAVILLAND**

**CAGE CODE 71867**

**SOURCE CONTROL DRAWING**

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**FIGURE 1 - GENERAL DESCRIPTION OF CHAIN ASSEMBLY**

| CHAIN (NOTE 1)     |                |                      |               |            |                   |                                    |  |
|--------------------|----------------|----------------------|---------------|------------|-------------------|------------------------------------|--|
| SIZE<br>(DIN 8187) | PITCH<br>(NOM) | INSIDE<br>WIDTH<br>W | ROLLER<br>Ø R | PIN<br>Ø P | WEIGHT<br>(LB/FT) | PROOF<br>LOAD<br>(LBS)<br>(NOTE 3) | MINIMUM<br>BREAKING<br>STRENGTH<br>(LBS)<br>(NOTE 2) |
| <b>06B</b>         | 0.375          | 0.225                | 0.250         | 0.129      | 0.26              | 875                                | 2500   |

NOTES:  
 1 - ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED  
 2 - MINIMUM BREAKING STRENGTH REQUIREMENTS ARE SPECIFIC TO THIS STANDARD AND DO NOT CONFORM TO BREAKING LOADS SPECIFIED IN DIN 8187  
 3 - PROOF LOAD = 35% OF MINIMUM BREAKING STRENGTH

**Table 1: CHAIN - BASIC DIMENSIONS AND PROOF LOAD**

| LIST OF CURRENT SHEETS |   |   |   |   |  |  |  |  |  |  |
|------------------------|---|---|---|---|--|--|--|--|--|--|
| SHEET                  | 1 | 2 | 3 | 4 |  |  |  |  |  |  |
| REV                    | - | - | - | - |  |  |  |  |  |  |

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

|          |             |  |                |
|----------|-------------|--|----------------|
| DRAWN    | B. McDONALD | <b>TITLE:</b><br><b>CHAIN, ROLLER, HIGH<br/>STRENGTH, DIN 8187</b> | <b>DSC 466</b> |
| CHECKED  | P. LAM      |  |                |
| STRESS   | E. CROMIE   |  | PAGE 1 OF 4    |
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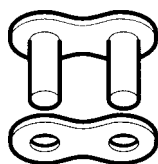
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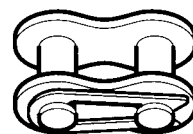
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**ENGINEERING NOTES:**

1. CHAIN ASSEMBLIES TO THIS STANDARD ARE INCOMPATIBLE WITH NORTH AMERICAN ANSI STANDARD CHAINS AND SHOULD ONLY BE USED WHERE A HIGHER ULTIMATE BREAKING STRENGTH IS REQUIRED FOR THE SPECIFIC DESIGN APPLICATION. NOTE - THE MINIMUM BREAKING STRENGTH FOR CHAINS TO THIS STANDARD IS NOT A WORKING LOAD. WORKING LOAD FOR A SPECIFIC DESIGN APPLICATION SHOULD NOT EXCEED THE PROOF LOAD VALUE SHOWN IN TABLE 1
2. CHAIN MATERIAL, CHAIN ASSEMBLIES AND CONNECTING LINKS IN ACCORDANCE WITH THIS STANDARD SHALL BE SUPPLIED WITH A CERTIFICATE OF COMPLIANCE AS MEETING THE REQUIREMENTS OF BS228/DIN 8187/ISO 606
3. MATERIAL: CARBON AND LOW ALLOY STEEL
4. ALL CHAINS CONFORM TO THE DIMENSIONAL REQUIREMENTS OF DIN 8187 FOR SIMPLE (SINGLE STRAND) CHAIN
5. CHAIN CONNECTING LINKS USED TO CONNECT CHAIN ENDS TOGETHER OR TO CONNECT TERMINALS TO CHAINS ARE EITHER PIN (RIVETED) TYPE OR DETACHABLE (SPRING CLIP) TYPE (SEE FIGURE 2)
  - 5.a EXCEPT AS NOTED IN 5.b, RIVETED TYPE CONNECTING LINKS SHALL BE USED AT ALL TIMES TO CONNECT CHAIN ENDS TOGETHER OR TO CONNECT END FITTINGS OR TERMINALS TO CHAINS  
SPECIFY RIVETING OF LINKS ON DRAWING; "**RIVET CONNECTING LINKS PER PPS 2.06**"
  - 5.b SPRING CLIP TYPE LINKS SHALL ONLY BE USED IN DESIGN APPLICATIONS WHERE FAILURE OF THE SPRING CLIP WOULD NOT RESULT IN LOSS OF AIRCRAFT CONTROL OR PERSONAL INJURY TO FLIGHT CREW, PASSENGERS OR GROUND PERSONNEL
  - 5.c SPRING CLIP TYPE CONNECTING LINKS MUST BE CALLED UP AS A SEPARATE ITEM ON THE APPLICABLE ASSEMBLY DRAWING BILL OF MATERIAL. REFER TO FIGURE 4 FOR CONNECTING LINK PART NUMBER BREAKDOWN
  - 5.d IN ORDER THAT CHAIN ASSEMBLIES CAN BE FORMED INTO A COMPLETE LOOP, CHAIN MUST CONTAIN AN EVEN NUMBER OF PITCHES INCLUDING THE CONNECTING LINK



PIN (RIVETED) TYPE  
CONNECTING LINK



DETACHABLE (SPRING CLIP)  
TYPE CONNECTING LINK

**FIGURE 2- CHAIN CONNECTING LINKS**

6. CHAIN PROOF LOAD IS 35% OF MINIMUM BREAKING STRENGTH  
SPECIFY ON DRAWING; "**PROOF LOAD CABLE/CHAIN ASSEMBLY TO (VALUE SHOWN IN TABLE 1) PER PPS 3.05**"

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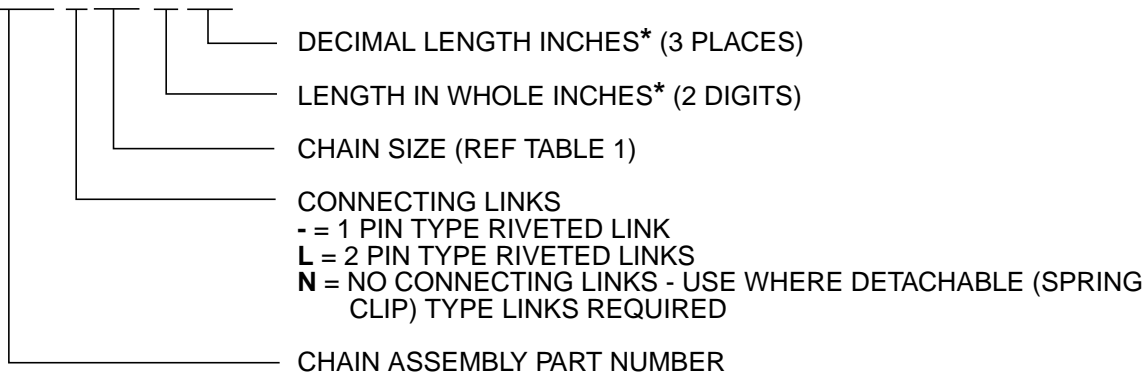
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**SOURCE CONTROL DRAWING**

**PART NUMBER BREAKDOWN**

**FIGURE 3 - CHAIN ASSEMBLY PART NUMBER BREAKDOWN:**

**DSC466 L 06B 14-250**



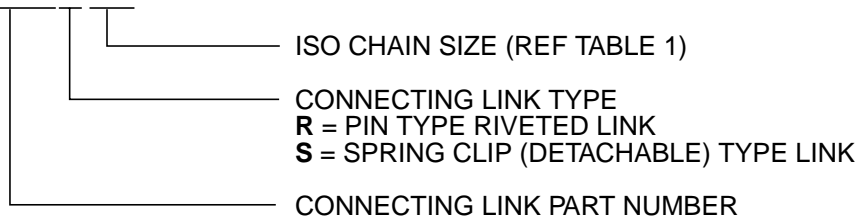
**DSC552-06B14-250=** CHAIN ASSEMBLY, ISO 06B (SIMPLE) SIZE (.375 PITCH), 14.250 IN. LONG INCLUDING ONE (1) PIN TYPE CONNECTING LINK

**DSC552L06B28-500=** CHAIN ASSEMBLY, ISO 06B (SIMPLE) SIZE (.375 PITCH), 28.500 IN. LONG INCLUDING TWO (2) PIN TYPE CONNECTING LINKS

\* TOTAL LENGTH OF ASSEMBLY INCLUDING CONNECTING LINKS - REF FIGURE 1

**FIGURE 4 - EXAMPLE OF CONNECTING LINK PART NUMBER BREAKDOWN**

**DSC466R 06B**



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| DSC No.                  | APPROVED VENDOR    |   |
|--------------------------|--------------------|---|
|                          | RENOLD PART NUMBER |   |
|                          | CHAIN ASSEMBLY     | CONNECTING LINK                                       |
| <b>DSC466-06B( )-( )</b> | R06B( )-( )        | 110038/107 (REF ONLY)<br>(1 OFF INCL WITH CHAIN ASSY) |
| <b>DSC466L06B( )-( )</b> | L06B( )-( )        | 110038/107 (REF ONLY)<br>(2 OFF INCL WITH CHAIN ASSY) |
| <b>DSC466N06B( )-( )</b> | N06B( )-( )        | N/A   |
| <b>DSC466R06B</b>        | N/A                | 110038/107  |
| <b>DSC466S06B</b>        | N/A                | 110038/26   |

**VENDORS ADDRESSES AND CAGE CODES:**

**RENOLD CANADA LTD - BRANTFORD, ONTARIO, CANADA - CAGE CODE 83818**

**PROCUREMENT INFORMATION**

PROCUREMENT DEPARTMENT SHALL SPECIFY THE DSC NUMBER AND THE MANUFACTURER'S PART NUMBER ON THE PURCHASE ORDER

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