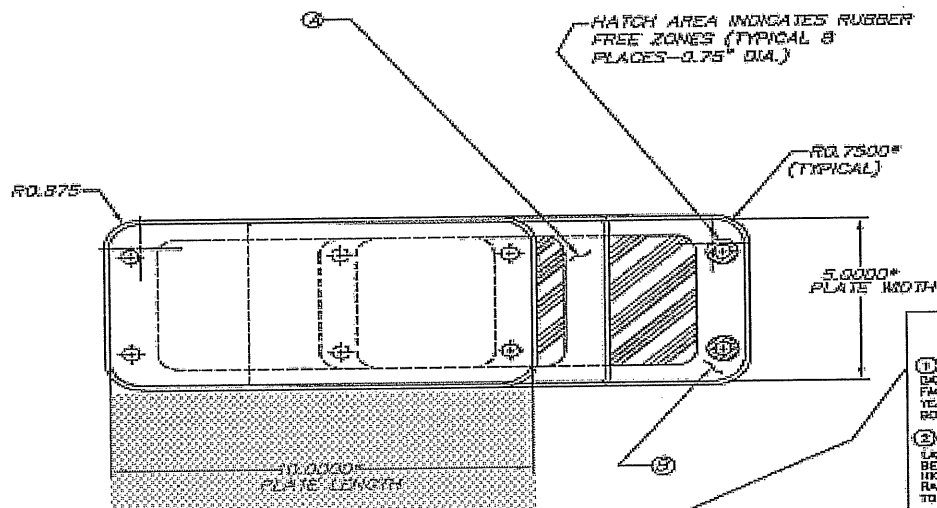
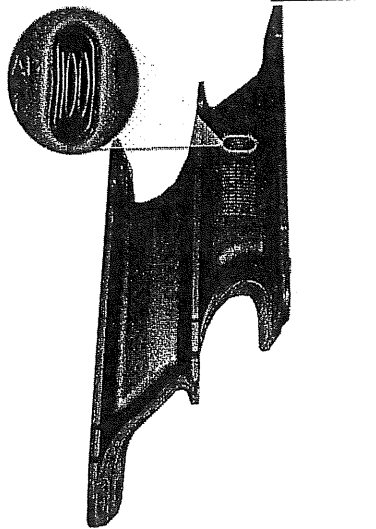


DSR108-



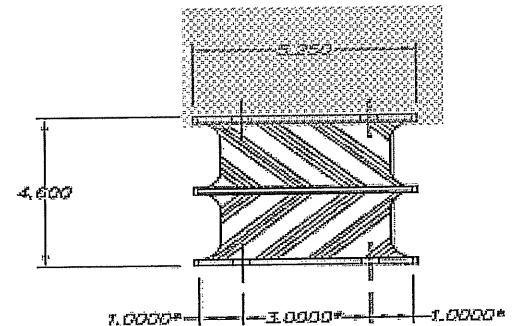
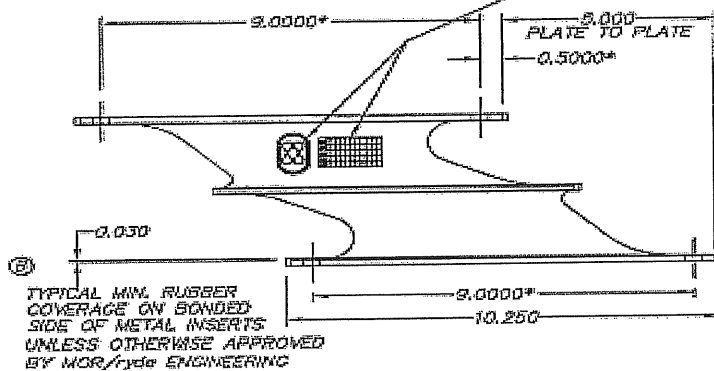
ITEM	PART NUMBER	QTY.
A	UD108-013	1
B	UD108-014	2

* INDICATES METAL INSERT
REFERENCE DIMENSIONS

PART NO. & DATE CODE
SEE NOTES ① & ② BELOW

① DATE OF MANUFACTURE SHOULD BE ON ONE FACE REPRESENTED ON A WAXED GSD SHOWING THE YEAR & MONTH. A RASSED DOT ON THE APPROPRIATE BOX WILL INDICATE YEAR & MONTH OF BUILD DATE.

② LAST 2 OR 3 DIGITS OF WORK/TYPE PART NUMBER TO BE MOLDED IN RUBBER. MARKING SHOULD BE 0.125\"/>



DSR-108-TABLE	
DOUBLE SERIES RUBBER SHEAR SPRING SYSTEM	
CHANGE DESCRIPTION	ECN
RELEASE FOR PRODUCTION	DEH
REVISED COVERAGE NOTE AND LIFE CYCLE TESTING DETAIL.	DEH
ADDED DSR108-50 TO PRINT	DEH
DATE	CHNG
3/27/06	A
06/02/06	B
01/07/09	C
	D
	E
	F
	G
	H
	J
	K
	L
	N

FILE: DSR-108-TABLE	AQL
MAT'L SEE NOTES	
DATE 3/27/06	SCALE AUTOCAD
DR BY Dave Heitzmann	CHK'D BY
TOLERANCE OF DIMENSIONS (INCHES) UNLESS OTHERWISE SPECIFIED:	
1 PLACE ±.13	
2 PLACES ±.063	
3 PLACES ±.030	
4 PLACES ±.015	
ANGULAR ±.1°	
FLATNESS ±.06/1000	
DO NOT SCALE DRAWING	
PRINT DRAWN TO CUSTOMER SPECIFICATIONS	
	
Rubber Susp 1 Systems	
Ekhart, ind	

MATERIAL : ASTM D2000 4AA 630 A(13) B(13) F(17) K(11) Z(1)

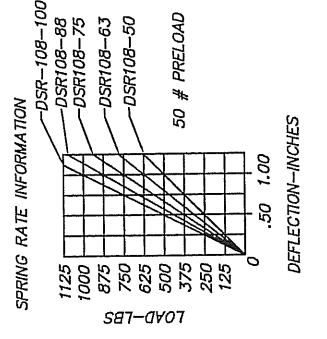
SPRING RATE TAKES PRECEDENCE OVER DIAPHRAGM.

NOTE	REQUIREMENTS
1	ADHESION TEST TO BE PERFORMED PER RMA METHOD B, CLASS 2, GRADE 2, WITH MIN. 50 #/IN. PULL. TEST TO BE PERFORMED ON EACH LOT OF CURED PARTS.
2	LOAD DEFLECTION TEST TO BE PERFORMED ON EACH LOT OF CURED PARTS.
3	FATIGUE LIFE TESTS WERE PERFORMED ON PARTS. PARTS FATIGUE TESTS WERE PERFORMED AT ROOM TEMPERATURE AND AT 175 DEGREES F. THESE TESTS WERE PERFORMED UNDER PLAN B AND C AS DOCUMENTED AND SUBMITTED TO MOR/ryde ON 1/17/06. REFER TO DOCUMENT DSR153-001 FOR FURTHER DETAIL.
4	RUBBER SPRING MUST WITHSTAND A SALT SPRAY (FOG) TEST IN ACCORDANCE WITH ASTM D1654 FOR A DURATION OF 168 HOURS AFTER WHICH THE RUBBER SPRINGS MUST CONFORM TO THE FOLLOWING CRITERIA: 1. NO CREEPAGE OF RUST UNDER RUBBER IS TO BE EVIDENT. 2. NO MORE THAN 5% MAXIMUM RUST IS TO BE EVIDENT ON EXPOSED SURFACE OF METAL PARTS. 3. RUBBER SPRINGS MUST PASS ADHESION TESTS AND DEFLECTION TEST, AND FATIGUE LIFE TEST AFTER BEING SUBJECTED TO SALT SPRAY TEST. (REF NOTE 1, 2 & 3). COMPLIANCE TO THIS STANDARD IS TO BE CERTIFIED SEMIANNUALLY ON FOUR (4) IDENTIFIED SPRINGS FROM DIFFERENT HEATS, LOTS AND IF APPLICABLE, DIFFERENT PART NUMBERS.

① NO CREEPAGE OF RUST UNDER RUBBER IS TO BE EVIDENT.
② NO MORE THAN 5% MAXIMUM RUST IS TO BE EVIDENT ON EXPOSED SURFACE OF METAL PARTS.
③ RUBBER SPRINGS MUST PASS ADHESION TESTS AND DEFLECTION TEST, AND FATIGUE LIFE TEST AFTER BEING SUBJECTED TO SALT SPRAY TEST. (REF NOTE 1, 2 & 3).

COMPLIANCE TO THIS STANDARD IS TO BE CERTIFIED SEMIANNUALLY ON FOUR (4) IDENTIFIED SPRINGS FROM DIFFERENT HEATS, LOTS AND IF APPLICABLE, DIFFERENT PART NUMBERS.

SPRING RATE INFORMATION



LOAD-LBS

DEFLECTION-INCHES

50 # PRELOAD

DSR-108-100
DSR-108-88
DSR-108-75
DSR-108-63
DSR-108-50

1125
1000
875
750
625
500
375
250
125

0 .50 1.00

SPRING RATE INFORMATION

PART NO.	SPRING RATE +/-15%
DSR-108-63	625 LB/IN +/-94
DSR-108-75	750 LB/IN +/-113
DSR-108-88	875 LB/IN +/-131
DSR-108-100	1000 LB/IN +/-150

① DATE OF MANUFACTURE SHOULD BE ON ONE FACE REPRESENTED BY A MATRIX GRID SHOWING THE YEAR & MONTH. A RAISED DOT IN THE APPROPRIATE BOX WILL INDICATE YEAR & MONTH OF BUILD DATE.

② LAST 2 OR 3 DIGITS OF MOR/RYDE PART NUMBER TO BE MOLDED IN RUBBER. MARKING SHOULD BE 0.75" HIGH X .25" WIDE X .06" THICK WITH CHARACTER RAISED .0025" FROM PART SURFACE. PART NUMBER TO APPEAR ON SAME FACE AS DATE CODE.

① PART NO. & DATE CODE
SEE NOTES ① & ② BELOW

HATCH AREA INDICATES RUBBER FREE ZONES (TYPICAL 8 PLACES-0.75" DIA.)

R0.875

R0.7500* (TYPICAL)

5.0000* PLATE WIDTH

10.0000* PLATE LENGTH

9.0000* PLATE TO PLATE

0.5000*

0.030

4.600

5.250

1.0000*

3.0000*

1.0000*

9.0000*

10.250

TYPICAL MIN. RUBBER COVERAGE ON BONDED SIDE OF METAL PARTS UNLESS OTHER APPROVED BY MOR/ryde ENGINEERING