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NOTES:

1. MATERIAL:

   A. Ø4.47mm (Ø0.177"+0.001" -0.002") AISI-SAE 1008-1010 GALVANIZED STEEL WIRE PER ASTN A641M, CLASS 1.

   B.

   C. Ø4.48 ±0.04 mm ~~(Ø0.178" Ø0.175")~~ AISI-SAE 1008-1010 GALVANIZED STEEL WIRE PER ASTM A641M, CLASS 1.

   D. Ø4.48 ~~±0.04 mm (Ø.178" Ø.175")~~ AISI-SAE 1008 -1010.
   FINISH : SALT BATH NITRIDE AND POLISH
   HARDNESS: ROCKWELL C 55 MINIMUM
   HUMIDITY RESISTANCE: 1000 HOURS @ 100% RH AND 37.8 C (100 ° F) NO MORE THAN 6 CORRODED AREAS (Ø 1.59 SPOTS) PER 0.093 SQUARE METERS OF FINISH. AREA MUST BE FREE OF VISIBLE RUST. POLISH TO MEET OR EXCEED THE GLOSS OF A VISUAL STANDARD THAT HAS BEEN VERIFIED TO A MINIMUM 4 POINTS SPECULAR GLOSS TAKEN WITH A BYK GARDNER GLOSS METER ON THE 60° ANGLE SCALE USING A SUITABLE ADAPTER FOR MEASURING A CURVED SURFACE.

2. ALL DIMENSIONS ARE RELATED TO DATUM A (PRIMARY).

3. BURRS AND EDGES CONFORM TO WHIRLPOOL SPECIFICATION F030 GRADE 1.

4. THREE TOOLED SAMPLES OF NEW OR REVISED PARTS MUST BE SUBMITTED TO ENGINEERING FOR TESTING AND APPROVAL.

5. COMPONENT(S) REFERENCED HEREIN SHALL COMPLY WITH WHIRLPOOL'S CURRENT SPECIFICATIONS, INCLUDING ITS RESTRICTED MATERIAL LIST SPECIFICATION GES0084-
   A. GLOBAL COLUMN.
   B. NAR COLUMN.

6. APPROVED BASIC WIRE MATERIAL SUPPLIERS ARE KEYSTONE & GERDAU.

7. APPROVED BASIC WIRE MATERIAL SUPPLIER IS KEYSTONE.

STATUS	PART NO	REV	"X" LENGTH	NOTE 5	SEE NOTE	MATERIAL
OBS	8564005	E	690.3±1	5 B	---	1 A
OBS	8566096	D	650.8±1	5 B	---	1 A
	W10167651	D	690.3±1	5 A	6	1 D
	W10237429	C	703.3 ±1	5 A	6	1 D
	W10257090	D	619.4±1	5 A	6	1 D
	W10257091	C	606.4±1	5 A	6	1 D
	W10257092	D	619.4±1	5 A	7	1 C
	W10257093	D	729±1	5 A	6	1 D
	W10538290	B	665.4±1	5 A	7	1 C
	W10555298	B	636.4±1	5 A	6	1 D
	W10622035	B	665.4±1	5 A	6	1 D
	W10594109	D	612.4±1	5 A	6	1 D
	W10594110	D	680.4±1	5 A	6	1 D
	W10594111	D	733.4±1	5 A	6	1 D
	W10601158	B	606.4±1	5 A	7	1 C
	W10683563	D	723.4±1	5 A	6	1 D

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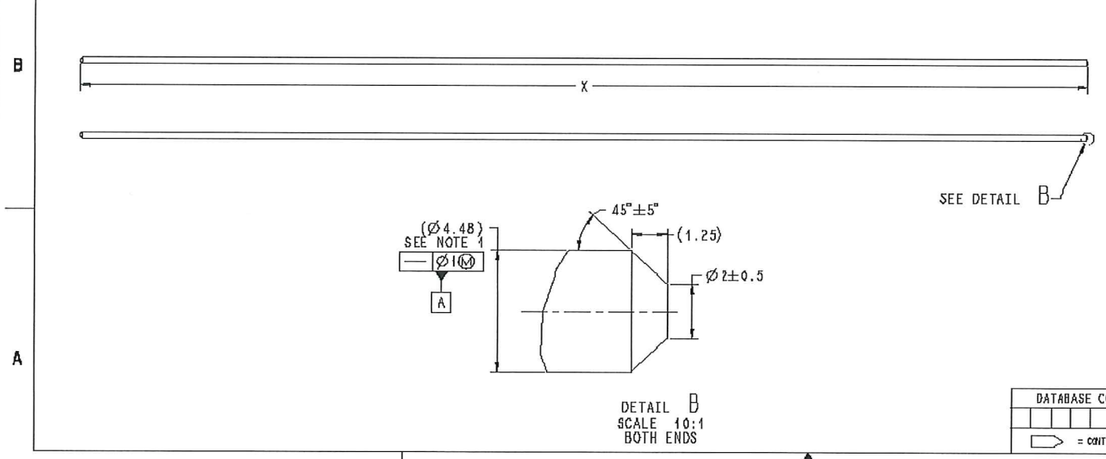
REV	CHANGE	LOC	BY	DATE	E.N.	CKD
REL	RELEASE P/N 8564005 AND 8566096	--	RAJ	04-AUG-2004	43639T	JRN
	CLEANED REVISION COLUMN	---				
'W'	W10594109: #12.4±1 WAS 611.4±1 IN "X" LENGTH COLUMN IN PART CHART	C2	JEFFEJR	19-JUN-2016	2052409	TOPECO
	W10594110: #20.4±1 WAS 680.4±1 IN "X" LENGTH COLUMN IN PART CHART	C2				
	W10594111: #33.4±1 WAS 735.8±1 IN "X" LENGTH COLUMN IN PART CHART	C2				
	W10683563: #23.4±1 WAS 725.4±1 IN "X" LENGTH COLUMN IN PART CHART	C2				
	W10594109, W10594110, W10594111 & W10683563 TO REV D	C2				

Suspa P/N	Surface Finish	Rod Length	Whirlpool P/N
P51-00534	Raw	690.3 ±1.00	N/A
P51-00535	Nitride	690.3 ±1.00	W10167651
P51-00544	Raw	606.4 ±1.00	N/A
P51-00545	Nitride	606.4 ±1.00	W10257091
P51-00546	Galvanized	619.4 ±1.00	W10257092
P51-00548	Raw	703.3 ±1.00	N/A
P51-00549	Nitride	703.3 ±1.00	W10237429
P51-00551	Raw	619.4 ±1.00	N/A
P51-00552	Nitride	619.4 ±1.00	W10257090
P51-00553	Raw	729.0 ±1.00	N/A
P51-00554	Nitride	729.0 ±1.00	W10257093
P51-00556	Raw	636.4 ±1.00	N/A
P51-00557	Nitride	636.4 ±1.00	W10555298
P51-00558	Galvanized	665.4 ±1.00	W10538290
P51-00559	Raw	665.4 ±1.00	N/A
P51-00560	Nitride	665.4 ±1.00	W10622035
P51-00561A	Raw	680.4 ±1.00	N/A
P51-00562A	Nitride	680.4 ±1.00	W10594110
P51-00563A	Raw	733.4 ±1.00	N/A
P51-00564A	Nitride	733.4 ±1.00	W10594111
P51-00565A	Raw	612.4 ±1.00	N/A
P51-00566A	Nitride	612.4 ±1.00	W10594109
P51-00567	Galvanized	606.4 ±1.00	W10601158
P51-00570A	Raw	723.4 ±1.00	N/A
P51-00571A	Nitride	723.4 ±1.00	W10683563

COMPETITIVE QUOTE QUALITY REQUIREMENTS:

- MATERIAL 1C--SURFACE (ROUGHNESS) Ra: 0.30+/-0.15 µm
- MATERIAL 1D--DIAMETER 4.48 +/- 0.015MM
- MATERIAL 1D--RAW WIRE TENSILE STRENGTH: 78-84KSI
- MATERIAL 1D--RAW WIRE SURFACE Ra: 0.40+/-0.20 µm
- ALL RODS MUST BE STRAIGHT WITHIN 1 MM MAX



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DRAWING INTERPRETATION PER ASME Y14.5M-1994
TOLERANCE UNLESS SPECIFIED
METRIC
DO NOT SCALE

BY: RUSS JONES
DATE: 11-Aug-2004
SCALE: 1:2
THIRD ANGLE PROJECTION
PART: ROD - SUSPENSION
C
Whirlpool CORPORATION
ST. JOSEPH TECHNOLOGY CENTER
ST. JOSEPH, MICHIGAN 49085 U.S.A.
EXP. NO. 501023
SHEET 1 OF 3
DRAWING NO. 8564005

DATABASE CODE: PRO/E
A | USAGE
= CONTROL CHARACTERISTIC

In some European factories the letter "W" of the part code mentioned herein will be automatically replaced by the number "4000" (e.g. "W12345678" becomes "4000123456781")

DO NOT MANUFACTURE TO THIS DRAWING UNLESS IT IS MARKED "CONTROLLED"

DO NOT SCALE THIS DRAWING
DIMENSIONS ARE IN MILLIMETERS
~~TOLERANCES UNLESS OTHERWISE SPECIFIED~~
ONE PLACE DECIMAL ~~+/-0.2~~
TWO PLACE DECIMAL +/-0.1
ANGULAR +/-2°

DRAWN BY	DATE	SCALE	
TSH	08NOV10	NOTED	THIRD ANGLE PROJECTION

REV / ECN	REVISIONS	CHANGED BY	APPROVED BY	DATE (MM/DD/YR)
B437	WP PRINT REV W FOR 11MM HOOKS; ("A" SUFFIX SUSPA PART NUMBERS)	JDB	JDB	13JUL16
B378	ADDED "A" SUFFIX PART NUMBERS;	JDB	JDB	16MAY16

DESCRIPTION: SUSPENSION ROD
MATERIAL: AS NOTED
DRAWING NUMBER: H51-0012

SUSPA INCORPORATED
3970 Roger B. Chaffee S.E.
Grand Rapids, Michigan 49548-3497
www.suspa-inc.com

DRAWING SIZE: B