



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

## MEA 629-06-M

**Manufacturer:** Zzipco LLC, 225 Route 46, Suite 1, Totowa, N.J. 07512

**Trade Name(s):** Zzipco

**Product:** Elevator wedge rope sockets

**Pertinent Code Section(s):** 27-990 and RS 18

**Prescribed Test(s):** RS 18-1 (ASME A17.1)

**Laboratory:** Wiss, Janney, Elstner Associates, Inc. (WJE)

**Test Report(s):** WJE Project No. 2006-4567, dated October 26, 2006

**Description:** Wedge sockets, also known as shackles, are used to secure the ends of elevator ropes. The connection between the elevator rope and the wedge socket is created by threading the wire rope into the end of the socket, looping it around the wedge, and then pulling the rope back up into the socket again.

### Product Covered

<b>ZW-10-3/8-12;</b>	<b>ZW-10-3/8-18</b>	<b>ZWNS-10-3/8-12;</b>	<b>ZWNS-10-3/8-18</b>
<b>ZW-13-1/2-18;</b>	<b>ZW-13-1/2-24</b>	<b>ZWNS-13-1/2-18;</b>	<b>ZWNS-13-1/2-24</b>
<b>ZW-16-5/8-18;</b>	<b>ZW-16-5/8-24</b>	<b>ZWNS-16-5/8-18;</b>	<b>ZWNS-16-5/8-24</b>

### Dimensions

Wedge Socket Size	Rope Size		
	IWRC	FC(MM)	FC(INCH)
3/8-10mm	10	10	3/8
1/2-13mm	12	12	1/2
1/2-13mm	13	13	1/2
5/8-16mm	16	16	5/8

IWRC - Independent Wire Rope Core  
FC - Fiber Core

**Terms and Conditions:** The above units are accepted on condition that:

1. All wedge sockets in 3/8-10mm, 1/2-13mm and 5/8-16mm sizes have a permanent marking in the casting on one side of the socket consisting of the letter "Z".
2. The 3/8-10mm socket shall have a red color code on the opposite side of the socket. In addition, the wedge to be used shall be in the color red.
3. The 1/2-13mm socket shall have a blue color code on the opposite side of the socket. In addition, the wedge to be used shall be the color blue.
4. The 5/8-16mm socket shall have a yellow color code on the opposite side of the socket. In addition, the wedge to be used shall be the color yellow.
5. Only those ropes listed in the above table may be used with the related wedge socket size.
6. All uses, location and installation comply with New York City Building Code, Section 27-900, with Reference Standard RS 18 and with the manufacturer's installation instructions.
7. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance March 1, 2007

Examined By Sum Derkidan