

1. NAME OF COMPONENT – HOSE CLIP WORM DRIVE

2. DRAWING NO. - 5900538

3. Description

## **HOSE CLIP-WORM DRIVE, STEEL, WITH SERRATED BANDS**

### **1.0 SCOPE:**

This standard gives information as to the designation, material sizes, dimensions and information required for ordering purposes for hose clip-worm drive, steel with serrated bands for general purposes.

### **2.0 DESIGNATION:**

(Eg.) A hose clip-worm drive, steel of nominal size 25mm shall be designated as:

#### **2.1 On drawings and indents (Computerized):**

- i) Material specification column : AA 779 09 01.
- ii) Description column : HOSE CLIP WORM DRIVE 25mm

#### **2.2 On indents (Manual):**

Hose Clip-Worm drive, Steel, with Serrated Bands, Size 25mm, IS:4762, Type A, AA 779 09 01.

#### **2.3 On enquiries and purchase orders:**

While issuing enquires and purchase orders, delete BHEL standard number from above description and add the information given under clauses 3.0 and 4.0.

### **3.0 COMPLIANCE WITH STANDARDS:**

#### **3.1 General Requirements and Dimensions:**

As per IS:4762-1984, Type A.

#### **3.2 Material:**

The material for the band, housing, screws and washers shall comply with steel stated in IS:4762.

#### **3.3 Finish:**

All the parts of hose clips shall be zinc plated with Zn 12.5 as per IS:1573.

#### **4.0 TEST CERTIFICATE:**

Unless otherwise specified, three copies of test certificates covering hydraulic pressure test and torque test as per IS:4762 shall be supplied.

#### **5.0 REFERRED STANDARDS (Latest publications including amendments):**

- 1) IS:1573 2) IS:4762

Size	Suitable for hose sizes		X		Y	Z	Sub-code
	Min.	Upto & incl.	Max.	Min.	Max.	Max.	
12	9	12	12	9	14	25	010
16	12	16	16	12	14	25	028
20	14	20	20	14	14	25	036
22	16	22	22	16	20	25	044
25	18	25	25	18	20	25	052
30	22	30	30	22	25	30	060
35	25	35	35	25	25	30	079
40	30	40	40	30	25	30	087
45	32	45	45	32	28	33	095
50	38	50	50	38	28	33	109
60	45	60	60	45	28	33	
70	50	70	70	50	28	33	125
80	60	80	80	60	28	33	133
90	70	90	90	70	28	33	141
100	80	100	100	80	28	33	
115	95	115	115	95	28	33	168
130	110	130	130	110	28	33	176
145	125	145	145	125	28	33	184
160	140	160	160	140	28	33	

