

## 5J Impact Test Head



According to IEC60068-2-75 table 1, table 2 and Figure A.3.

Energy	5 J
Equivalent Mass ( kg, $\pm 2\%$ )	1.7
Height of Dropping $\pm 1\%/mm$	300
Diameter ( mm )	60
Length ( mm )	75
Workmanship	Hard Chrome Plating
Hardness	55 HRC



**Table 2 – Height of fall**

Energy J	0,14	0,2		(0,3)	0,35	(0,4)	0,5		0,7	1	2	5	10	20	50
Equivalent mass kg	0,25	(0,2)	0,25	(0,2)	0,25	(0,2)	(0,2)	0,25	0,25	0,25	0,5	1,7	5	5	10
Height of fall mm ± 1 %	56	(100)	80	(150)	140	(200)	(250)	200	280	400	400	300	200	400	500

**NOTES**

1 See note in 3.2.2.

2 In this part of IEC 60068, the energy, J, is calculated taking the standard acceleration due to the earth's gravity ( $g_n$ ), rounded up to the nearest whole number, that is 10 m/s<sup>2</sup>.



IEC 963/97

**Figure A.3 – Example of a striking element for 5 J**