

Step/Hole IQIs to EN 462-2

This European standard replaces the previous national standards such as NFA 09 - 205 (AFNOR) or BS 3971. IE-NDT Ltd. manufactures EN 462-2 IQIs in steel as standard and can also manufacture them in aluminium, copper and titanium to order.

There is a direct correlation between the specified EN models and the previous AFNOR types:

AFNOR Model	H3	HA	HB	C
EN Model	H1	H5	H9	H13

Description. The EN 462-2 IQIs manufactured by IE-NDT Ltd comprise six plaques, measuring 5 x 7mm, 7 x 10mm or 15 x 15mm, which are encapsulated in transparent plastic along with an identification monogram in cast white metal. Each plaque has one or two through-drilled holes whose diameter is the same as the plaque thickness. The IQIs are supplied in a wallet with a Declaration of Conformity.



Quality Assurance. Manufacturing, including inspection, follows a written procedure, which forms part of a Quality Management System registered according to ISO 9002. Each IQI carries a unique serial number. The Declaration of Conformity provides a complete manufacturing history.

- 10.24.41 **IQI/BPK EN462 – H1FE**
- 10.24.42 **IQI/BPK EN462 – H5FE**
- 10.24.43 **IQI/BPK EN462 – H9FE**
- 10.24.44 **IQI/BPK EN462 – H13FE**

The monogram within the IQI identifies the model, for example, **H 13 FE** means:
H = Hole type IQI, 13 = Number of the thinnest step, FE= Steel.

Step No.	Thickness and hole Ø,mm	Specimen thickness*		Model	
		Class A	Class B		
H1	0,125			H1	
H2	0,160		< 2,5		
H3	0,200	< 2	2,5 – 4		
H4	0.250	2 – 3,5	4 – 8		
H5	0,320	3,5 – 6	8 – 12		
H6	0,400	6 – 10	12 – 20	H5	
H7	0,500	10 – 15	20 – 30		
H8	0,630	15 – 24	30 – 40		
H9	0,800	24 – 30	40 – 60		
H10	1,000	30 – 40	60 – 80	H9	
H11	1,250	40 – 60	80 – 100		
H12	1,600	60 – 100	100 – 150		
H13	2,000	100 – 150	150 – 200		
H14	2,500	150 – 200	200 – 250		
H15	3,200	200 – 250		H13	
H16	4,000	250 – 320			
H17	5,000	320 – 400			
H18	6,300	> 400			



*according to EN 462-3 for single wall exposures with X-rays.