



EN 462-1 & ISO19232-1 Wire Penetrameters / IQI's

Overview

Published by the European committee for standardization; EN-462-1 & ISO19232-1 replaces the DIN 54, 109. Based on a series of wire diameters, subdivided into ranges of 7 wires. The lead symbol identifies the largest wire, material and "EN" specification.

EN 4621 & ISO19232-1 IQI's are available in Steel, Aluminum and Copper in sizes 1 EN, 6 EN, 10 EN and 13 EN and Titanium in sizes 6 EN, 10 EN and 13 EN.



Wire IQI Sizes and Wire Identity Numbers

1 EN		6 EN	
Wire Diameter	Wire Identity	Wire Diameter	Wire Identity
.1259" (3.20 mm)	1	.0393" (1.00 mm)	6
.0984" (2.50 mm)	2	.0315" (0.80 mm)	7
.0787" (2.00 mm)	3	.0248" (0.63 mm)	8
.0629" (1.60 mm)	4	.0196" (0.50 mm)	9
.0492" (1.25 mm)	5	.0157" (0.40 mm)	10
.0393" (1.00 mm)	6	.0126" (0.32 mm)	11
.0315" (0.80 mm)	7	.0098" (0.25 mm)	12
10 EN		13 EN	
Wire Diameter	Wire Identity	Wire Diameter	Wire Identity
.0157" (0.40 mm)	10	.0078" (0.20 mm)	13
.0126" (0.32 mm)	11	.0063" (0.16 mm)	14
.0098" (0.25 mm)	12	.0049" (0.13 mm)	15
.0078" (0.20 mm)	13	.0039" (0.10 mm)	16
.0063" (0.16 mm)	14	.0031" (0.08 mm)	17
.0049" (0.13 mm)	15	.0024" (0.063 mm)	18
.0039" (0.10 mm)	16	.0019" (0.05 mm)	19

IQI Size	Thickness Range
1 EN	.16 Thru 6.0 Inches (40 Thru 160 mm)
6 EN	.50 Thru 2.0 Inches (12.5 Thru 50 mm)
10 EN	.20 Thru .75 Inches (5.0 Thru 20 mm)
13 EN	.10 Thru .40 Inches (2.5 Thru 10 mm)

Ordering Instructions

If you require serialization or calibration, please specify when ordering.

Note: Material Certification is not available for Wire IQIs.

Note: Serialized radiographic products are not returnable.



NDT Supply.com, Inc.
7952 Nieman Road
Lenexa, KS 66214-1560 USA
Phone: (913)-685-0675
Email: sales@ndtsupply.com