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मानक

IS 7105-2 (1986): Extractor for Kuntscher Nail, Part 2: Striker Type [MHD 2: Orthopaedic Instruments, Implants and Accessories]



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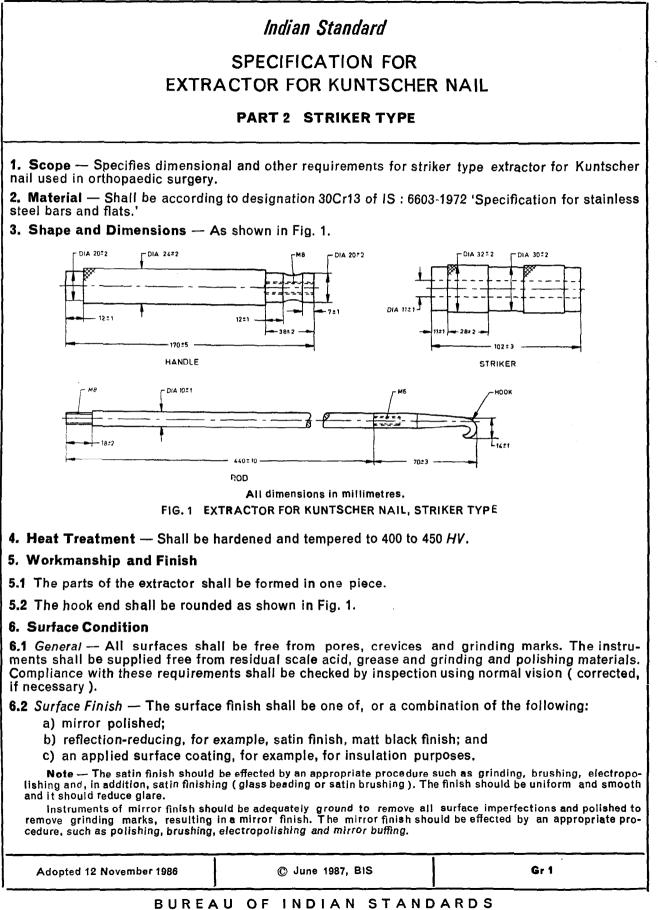




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BUREAU OF INDIAN STANDARDS MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG NEW DELHI 110002

IS: 7105 (Part 2) - 1986

6.3 Passivation and Final Treatment — The instruments shall, unless the metallurgical characteristics of the instruments (for example, the presence of brazed or soldered joints) renders it in appropriate, be treated by a suitable passivation process.

Note — Examples of methods of passivation are by electropolishing or by treating with 10 precent (v/v) nitric acid solution for not less than 30 min at a temperature of not less than 10°C and not exceeding 60°C. The instruments should then be rinsed in water and dried in hot air.

7. Tests

7.1 Corrosion Resistance Test — Scrub the instrument with soap and warm water, rinse in hot water and then dip in 95 percent ethyl alcohol. Dry the instrument, immerse in copper sulphate solution at room temperature for 6 minutes and wash with fresh water or wet cotton wool.

The copper sulphate solution shall be made up as follows:

Copper sulphate (CuSO₄.5H₂O)	4·0 g
Sulphuric acid(H₂SO₄)(Sp gr 1 [.] 84)	10 [.] 0 g
Distilled water (see IS : 1070-1977 Specification for water for general	90.0 ml
laboratory use).	

There shall be no red stains or spots on the instrument, but dulling of the polished surface may be permitted.

7.2 Performance Test — The handle end shall be gripped in a suitable vice and the hook end shall be pulled by applying a load of 50 kg. The extractor shall not be damaged after completion of the test.

8. Marking — The extractor shall be marked with the manufacturer's name, initials or recognised trade-mark.

8.1 Certification Marking — Details available with the Bureau of Indian Standards.

9. Packing — As agreed to between the purchaser and the supplier.

EXPLANATORY NOTE

This standard (IS: 7105) was issued in 1973. Now the original standard has been made as Part 1 of IS: 7105. This Part 2 of the standard covers striker type extractor for Kuntscher nail.

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