
Hexagon head bolts — Product grade C

Vis à tête hexagonale partiellement filetées — Grade C



4 Specifications and reference International Standards

See Table 3.

Table 3 — Specifications and reference International Standards

Material		Steel
General requirements	International Standard	ISO 8992
Thread	Tolerance class	8g
	International Standard	ISO 724, ISO 965-1
Mechanical property	Property class ^a	$d \leq 39$ mm: 4.6, 4.8 $d > 39$ mm: as agreed
	International Standard	$d \leq 39$ mm: ISO 898-1 $d > 39$ mm: as agreed
Tolerance	Product grade	C
	International Standard	ISO 4759-1
Finish — Coating		As processed Requirements for electroplating are specified in ISO 4042. Requirements for non-electrolytically applied zinc flake coatings are specified in ISO 10683. Additional requirements or other finishes or coatings shall be agreed between the supplier and the purchaser.
Acceptability		Acceptance inspection is specified in ISO 3269.
^a Other property classes are specified in ISO 898-1.		

5 Designation

EXAMPLE A hexagon head bolt, product grade C, with thread M12, nominal length $l = 80$ mm and property class 4.6 is designated as follows:

Hexagon head bolt ISO 4016 - M12 × 80 - 4.6