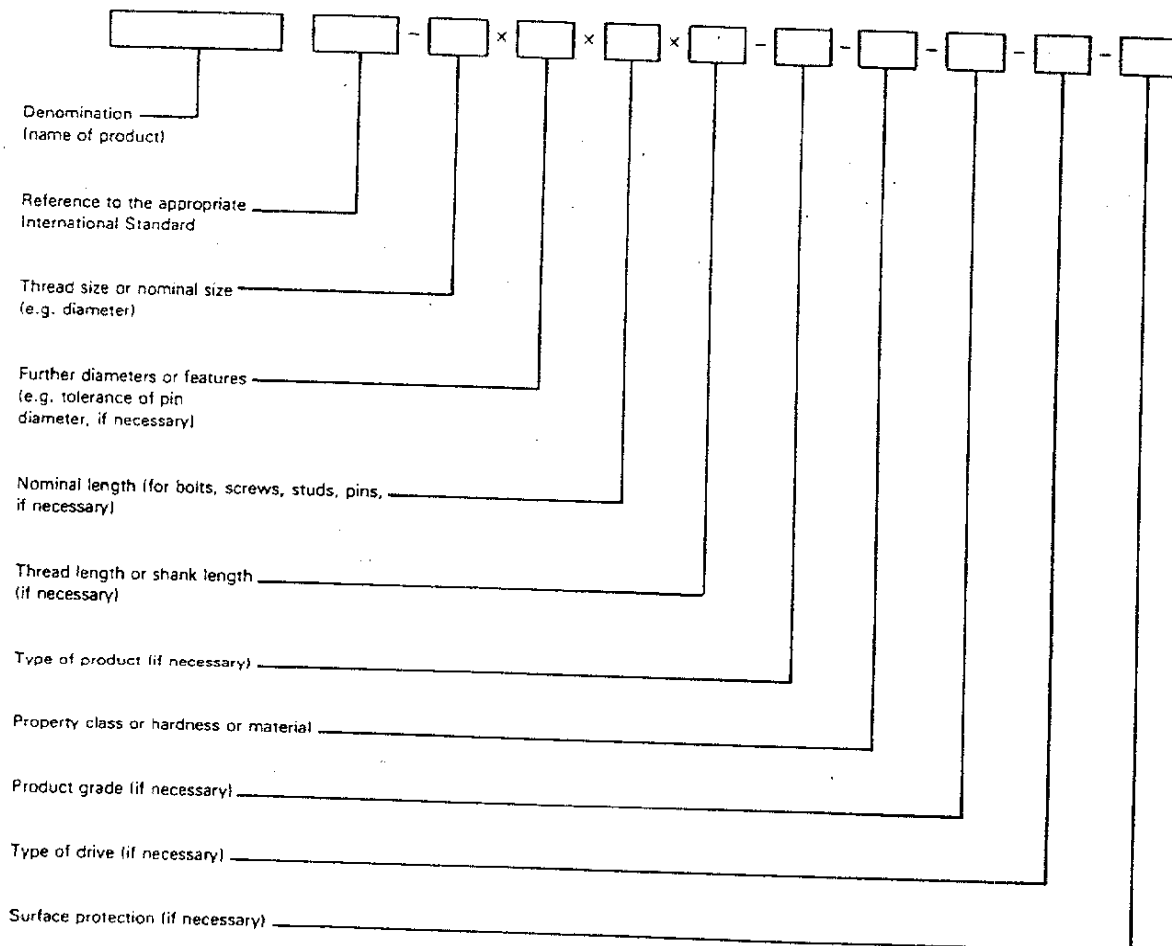


Designation system for fasteners

1 Scope and field of application

This International Standard specifies a system for the designation of fasteners in product standards.

2 System



ISO 8991-1986 (E)**3 Examples**

3.1 Example for the designation of a hexagon head bolt ISO 4014 with thread size $d = M12$, nominal length $l = 80$ mm and property class 8.8:

Hexagon head bolt ISO 4014 - M12 × 80 - 8.8

3.2 Example for the designation of a hexagon head screw ISO 8676 with thread size $d = M12$, and pitch 1,5, nominal length $l = 100$ mm and property class 10.9:

Hexagon head screw ISO 8676 - M12 × 1,5 × 100 - 10.9

3.3 Example for the designation of a hexagon head bolt ISO 4014 with thread size $d = M12$, nominal length $l = 80$ mm, property class 8.8, electroplated according to ISO 4042, symbol A2P:

Hexagon head bolt ISO 4014 - M12 × 80 - 8.8 - A2P

3.4 Example for the designation of a hexagon nut ISO 4032 with thread size $d = M12$ and property class 8:

Hexagon nut ISO 4032 - M12 - 8

3.5 Example for the designation of a hexagon thin nut ISO 4036 with thread size $d = M6$, made from steel with 110 HV min. (St):

Hexagon nut ISO 4036 - M6 - St

3.6 Example for the designation of a cross-recessed pan head tapping screw ISO 7049 with thread size ST3,5, nominal length $l = 16$ mm, cone end type C and recess type Z:

Tapping screw ISO 7049 - ST3,5 × 16 - C - Z

3.7 Example for the designation of an unhardened parallel pin ISO 2338 with nominal diameter $d = 6$ mm, tolerance m6, nominal length $l = 30$ mm, type A, made from steel (St):

Parallel pin ISO 2338 - 6m6 × 30 - A - St

3.8 Example for the designation of a normal series chamfered plain washer ISO 7090 of nominal size 8 mm, made from steel, of mechanical property 140 HV:

Washer ISO 7090 - 8 - 140 HV