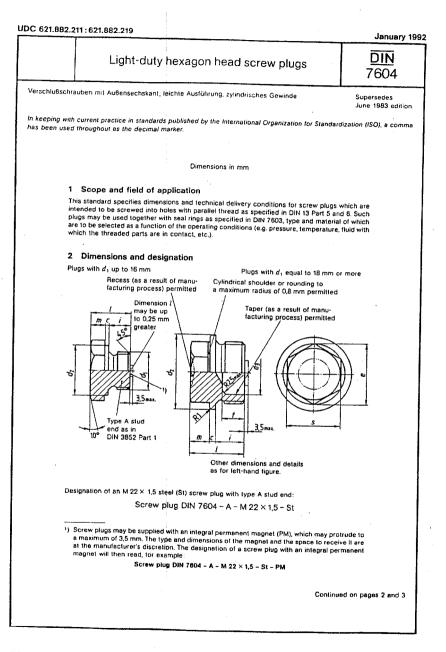
#### DIN7604-92 (1728x2273x2 tiff)

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Aug 15 2001 11:11 P.01/03



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Aug 15 2001 11:11

P.02/03

#### Page 2 DIN 7604

Type of stud end	Thread size (d <sub>1</sub> ) as in DiN 13 Part 5 or 6	€ +0,2 0	<i>и</i> у 111	d₃ +0,5 0	e min	/ t02	1	m t 10 17 15	5	1 +0,8 -0,3	Approximate mas. (7.85 kg/dm³) per 1000 units, in kg
A	M 10 × 1 M 12 × 1,5 M 14 × 1,5	0.5 0,5 0,5	14 17 19	-	15.51 18.90 21,10	6 9 9	10.5 15.5 15,5	4 6 6	14 17 19	-	12.8 19.2 24.6
ļ	M 16 × 1,5 M 18 × 1,5 M 22 × 1,5	0.5 2 2	21 23 27	- 10 14	24,49 18,90 21,10	9 9 9	15,5 17 17	6 6 6	22 17 19	- 8 8	33,4 27,2 34,3
	M 26 × 1,5 M 30 × 1,5	2.5 2.5	31 36	16 20	24,49 24,49	9 9	19,5 19,5	8 8	22 22	8 8	59,4 69,5
с	M 8×1 M 10×1	0.5 0.5	12 14	-	13.25 15.51	8 8	12,5 12,5	4 4	12 14	-	6,5 9,6
	M 22 × 1,5 M 26 × 1,5 M 30 × 1,5	2 2,5 2,5	27 31 36	14 16 20	21,10 24,49 24,49	12 12 12	20 22,5 22,5	6 8 8	19 22 22	8 10 10	42,5 68,5 81,0
	M 38 × 1,5 M 45 × 1,5 M 52 × 1,5	3 3 3	44 52 60	26 32 38	24,49 26,75 30,14	12 12 12	23 23 23	8 8 8	22 24 27	10 10 10	118 163 205

## 3 Material

Screw plugs shall be manufactured from 9 SMnPb 28 K steel as in DIN 1651 or UQSt 36 steel as in DIN 17 111 (St), at the manufacturer's discretion, stainless steel (A1) as in DIN 267 Part 11, alumínium alloy (Al) as in DIN 267 Part 18, copper zine alloy Use of other materials or material grades shall be the subject of agreement.

# 4 Product grade, surface roughness, width across flats and tolerances

Screw plugs shall be manufactured to the general tolerances, accuracy grade c, as specified in ISO 2768, be of product Screw plugs shall be manufactured to the general tolerances, accuracy grace c, as specified in ISO 4759 Part 1 and have a surface roughness complying with the specification of DIN 267 Part 2. The

## 5 Surface finish

DIN 267 Part 9 shall apply with regard to electroplating and DIN 50 942, with regard to phosphating, other finishes being subject

## 6 General requirements

Screw plugs shall comply with the general requirements specified in DIN 267 Part 1.

## 7 Acceptance inspection

DIN 267 Part 5 shall apply with regard to acceptance inspection.

## DIN7604-92 (1728x2273x2 tiff) [3]

Fax:062084389

DIN 7604 Page 3

#### Standards referred to

UIN	13 Part 5	ISO metric screw threads; 1 mm and 1,25 mm fine pitch threads with diameters from 7,5 mm to 200 mm; nominal sizes
DIN	13 Part 6	ISO metric screw threads; 1,5 mm line pitch threads with diameters from 12 mm to 300 mm; nominal sizes
DIN	267 Part 1	Fasteners: technical delivery conditions; general requirements
DIN	267 Part 2	Fasteners; technical delivery conditions; product grades and tolerances
DIN	267 Part 5	Fasteners; technical delivery conditions; acceptance inspection (modified version of ISO 3269 : 1984)
DIN	267 Part 9	Fasteners; technical delivery conditions; electroplated components
DIN	267 Part 11	Fasteners; technical delivery conditions; stainless and acid-resistant steel components (with addenda to ISO 3506)
DIN	267 Part 18	Fasteners; technical delivery conditions; non-ferrous metal components
DIN	475 Part 1	Widths across flats for screws, bolts, valves and fittings
DIN	1651	Free cutting steel; technical delivery conditions
DIN	3852 Part 1	Stud ends, tapped holes and screw plugs for compression couplings and valves, with metric fine pitch thread; dimensions
DIN	7603	Sealing rings for compression couplings and screw plugs
DIN	17 111	Low carbon unalloyed steel for bolts, nuts and rivets; technical delivery conditions
DIN	50 942	Phosphating of metals; methods of test
ISO	2768-1 : 1989	Tolerances for linear and angular dimensions without individual tolerance indications
ISO	4759-1 : 1978	Tolerances for fasteners; bolts, screws, and nuts with thread diameters from 1,6 to 150 mm and product grades A, B and C

#### Other relevant standards

DIN	906	Hexagon socket pipe plugs	
DIN	908	Hexagon socket screw plugs	
DIN	909	Hexagon head screw plugs	
DIN	910	Heavy duty hexagon head screw plugs	
DIN	5586	Compressed air equipment for rail vehicles; screw plugs with vent	

#### **Previous editions**

DIN 4610: 02.31; DIN 7604: 07.36, 11.37x, 02.41, 07.44, 05.47, 08.56, 11.59, 01.73, 06.83.

### Amendments

In comparison with the June 1983 edition, the standard has been editorially revised.

## International Patent Classification

F 16 B 35/00 F 16 B 39/34 F 16 J 13/00