J & E Supply & Fastener Co., Inc.
jandesupply.com

1903 SE 59th St · Oklahoma City, Oklahoma 73129 · 405-670-1234
1001 S 12th St · Duncan, Oklahoma 73533 · 580-255-2582

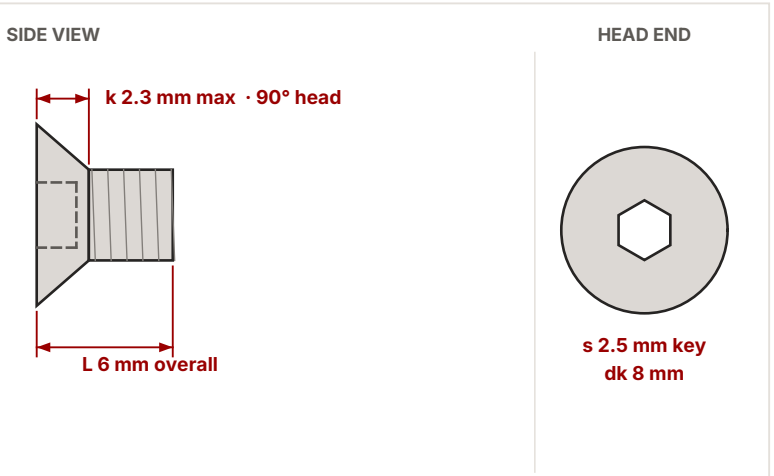
TECH DATA

M4×0.7 × 6mm Flat Head

Class 12.9 · Steel · Plain · DIN 7991

THE PART

Part number	**MSC004C006FH8P**
Type	**Socket flat head, DIN 7991**
Thread	**M4 × 0.7 (coarse)**
Length	**6 mm overall, head included**
Hex key	**2.5 mm (Allen wrench)**
Class	**12.9 (reduced loadability)**
Material	**Steel**
Finish	**Plain**



Socket dashed. Head: DIN 7991, maximum. Not for gauging.

THREAD

M4 × 0.7

Coarse pitch, 0.7 mm

HEX KEY

2.5 mm

Allen wrench / hex bit

HEAD

8 mm

Head diameter (max)

Height 2.3 mm max, 90° countersunk

DIMENSIONS · DIN 7991

s Hex key	**2.5 mm**
dk Head diameter (max)	**8 mm**
k Head height (max)	**2.3 mm**
b Thread length (ref)	**To the head at this length**
L Length	**6 mm overall**
Head angle	**90°**

USE IT FOR

Flat and button heads are for light-duty fastening and a clean look; for a joint that has to carry load, use a socket head cap screw.

Countersunk head: 90° through M20; the M24 head is 60°. Length is overall. DIN 7991 heads are a little lower than ISO 10642 at some sizes — not interchangeable in a tight countersink.

Information only, summarized from the published standards and makers' data on our reference pages at jandesupply.com (11/24/2026). Standard values, not a test of this lot — the current edition of the governing standard governs. J & E Supply makes no warranty of suitability for any use; for critical work, confirm against the standard and the maker's certifications and test your application. J & E Supply is an independent distributor.

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M4×0.7 × 6mm Flat Head

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HOW TO MEASURE

A flat head sits flush in a 90° countersink, so it is measured overall - from the top of the head to the end - in millimetres. M4 is the thread diameter, 0.7 mm the pitch.

METRIC FLAT & BUTTON CHART

Scan for every size: key and head.

jandesupply.com · Resources

USE IT WITH

A 2.5 mm hex key (Allen wrench)

To sit flush: a 90° countersink, 8 mm across.

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