

特点

- 提供各种螺纹尺寸
- 高质量螺纹设计
- 头高度等于柄直径
- 比钛材质更经济高效

RS M3 Pro 6mm 内六角带帽螺钉、本色 不锈钢

RS 号: 187-1207



RS 认证产品为您提供所有产品类别的专业品质部件。我们的产品系列经过工程师测试、提供与领先品牌相当的质量、而无需支付高昂的价格。

商品描述属性

RS PRO 为您提供一系列六角帽头沉头螺丝。凭借其窄头和修长的外形，它们非常适合用于难以触及的区域。所有螺纹沉头螺丝在其应用范围内均持久耐用，尤其是这些 A4 不锈钢型号。所有型号均高度可靠且质量极佳。

一般规格

| | |
|------|-------------------------------------|
| 螺纹尺寸 | M3 |
| 头部形状 | 六角套筒盖 |
| 材料 | 不锈钢 |
| 表面 | 普通 |
| 螺纹类型 | 公制 |
| 应用 | 木材加工、家用应用、紧固件和固定件、机器工具和维修、安全防护、面板制造 |

机械规格

| | |
|-------|--------|
| 长度 | 6mm |
| 不锈钢类型 | 316 A4 |
| 螺距 | 0.5mm |
| 螺纹公差 | 6g |

操作环境规格

| | |
|------|-------|
| 最高温度 | 300°C |
|------|-------|

认证

合规性 / 认证

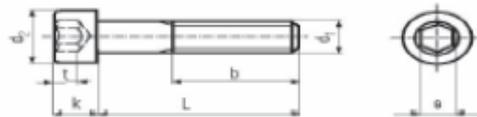
rohs 符合性证书, ISO4762, ansi B18, DIN912



Please view our full range listing below for all A4 316 Stainless Steel Self-Colour Hexagon Socket Cap Head Screws:

| Head Shape | Material | Thread Size | Length | RS Part No. |
|----------------|-----------------|-------------|--------|-------------|
| Hex Socket Cap | Stainless Steel | M3 | 6 mm | 1871207 |
| Hex Socket Cap | Stainless Steel | M3 | 8 mm | 1871213 |
| Hex Socket Cap | Stainless Steel | M3 | 10 mm | 6604636 |
| Hex Socket Cap | Stainless Steel | M3 | 12 mm | 1871229 |
| Hex Socket Cap | Stainless Steel | M3 | 16 mm | 1871235 |
| Hex Socket Cap | Stainless Steel | M3 | 20 mm | 3044429 |
| Hex Socket Cap | Stainless Steel | M3 | 25 mm | 3044435 |
| Hex Socket Cap | Stainless Steel | M3 | 30 mm | 3044615 |
| | | | | |
| Hex Socket Cap | Stainless Steel | M4 | 8 mm | 1871241 |
| Hex Socket Cap | Stainless Steel | M4 | 10 mm | 6604639 |
| Hex Socket Cap | Stainless Steel | M4 | 12 mm | 1871257 |
| Hex Socket Cap | Stainless Steel | M4 | 16 mm | 1871263 |
| Hex Socket Cap | Stainless Steel | M4 | 20 mm | 1871279 |
| Hex Socket Cap | Stainless Steel | M4 | 25 mm | 1871285 |
| Hex Socket Cap | Stainless Steel | M4 | 30 mm | 1871308 |
| Hex Socket Cap | Stainless Steel | M4 | 40 mm | 3044609 |
| Hex Socket Cap | Stainless Steel | M4 | 50 mm | 3044592 |
| | | | | |
| Hex Socket Cap | Stainless Steel | M5 | 8 mm | 6604633 |
| Hex Socket Cap | Stainless Steel | M5 | 10 mm | 3044586 |
| Hex Socket Cap | Stainless Steel | M5 | 12 mm | 1871314 |
| Hex Socket Cap | Stainless Steel | M5 | 16 mm | 1871320 |
| Hex Socket Cap | Stainless Steel | M5 | 20 mm | 1871336 |
| Hex Socket Cap | Stainless Steel | M5 | 25 mm | 1871342 |
| Hex Socket Cap | Stainless Steel | M5 | 30 mm | 1871364 |
| Hex Socket Cap | Stainless Steel | M5 | 40 mm | 1871370 |
| Hex Socket Cap | Stainless Steel | M5 | 50 mm | 3044570 |
| Hex Socket Cap | Stainless Steel | M5 | 60 mm | 3044564 |

| Head Shape | Material | Thread Size | Length | RS Part No. |
|----------------|-----------------|-------------|--------|-------------|
| Hex Socket Cap | Stainless Steel | M6 | 10 mm | 6604642 |
| Hex Socket Cap | Stainless Steel | M6 | 12 mm | 1871386 |
| Hex Socket Cap | Stainless Steel | M6 | 16 mm | 1871392 |
| Hex Socket Cap | Stainless Steel | M6 | 20 mm | 1871409 |
| Hex Socket Cap | Stainless Steel | M6 | 25 mm | 1871421 |
| Hex Socket Cap | Stainless Steel | M6 | 30 mm | 1871437 |
| Hex Socket Cap | Stainless Steel | M6 | 35 mm | 1871443 |
| Hex Socket Cap | Stainless Steel | M6 | 40 mm | 1871459 |
| Hex Socket Cap | Stainless Steel | M6 | 45 mm | 6604645 |
| Hex Socket Cap | Stainless Steel | M6 | 50 mm | 1871465 |
| Hex Socket Cap | Stainless Steel | M6 | 60 mm | 3044558 |
| | | | | |
| Hex Socket Cap | Stainless Steel | M8 | 16 mm | 1871471 |
| Hex Socket Cap | Stainless Steel | M8 | 20 mm | 1871487 |
| Hex Socket Cap | Stainless Steel | M8 | 25 mm | 1871493 |
| Hex Socket Cap | Stainless Steel | M8 | 30 mm | 1871500 |
| Hex Socket Cap | Stainless Steel | M8 | 35 mm | 1871516 |
| Hex Socket Cap | Stainless Steel | M8 | 40 mm | 1871522 |
| Hex Socket Cap | Stainless Steel | M8 | 45 mm | 6604649 |
| Hex Socket Cap | Stainless Steel | M8 | 50 mm | 1871538 |
| Hex Socket Cap | Stainless Steel | M8 | 60 mm | 1871544 |
| Hex Socket Cap | Stainless Steel | M8 | 70 mm | 6604658 |
| Hex Socket Cap | Stainless Steel | M8 | 80 mm | 6604651 |
| | | | | |
| Hex Socket Cap | Stainless Steel | M10 | 20 mm | 3044542 |
| Hex Socket Cap | Stainless Steel | M10 | 25 mm | 6604655 |
| Hex Socket Cap | Stainless Steel | M10 | 30 mm | 3044520 |
| Hex Socket Cap | Stainless Steel | M10 | 40 mm | 3044514 |
| Hex Socket Cap | Stainless Steel | M10 | 50 mm | 3044508 |
| Hex Socket Cap | Stainless Steel | M10 | 70 mm | 3044485 |
| | | | | |
| Hex Socket Cap | Stainless Steel | M12 | 30 mm | 3044463 |
| Hex Socket Cap | Stainless Steel | M12 | 40 mm | 3044457 |
| Hex Socket Cap | Stainless Steel | M12 | 50 mm | 3044441 |



Head Diameter d2 based on Knurled Head

| Thread Size d1 | M36 | | (M39) | | M42 | | (M45) | | M48 | | M56 | | M64 | |
|-------------------------|------------|--------|------------|--------|------------|--------|------------|--------|-----------|--------|------------|-------|------------|-------|
| Thread Pitch | 4 | | 4 | | 4.5 | | 4.5 | | 5 | | 5.5 | | 6 | |
| Thread Length b | 84 | | NA | | 96 | | NA | | 108 | | 124 | | 140 | |
| Head Dia. d2 | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. |
| DIN 912 (1983) | 53.54 | 54.46 | 57.54 | 58.46 | 62.54 | 63.46 | 66.54 | 67.46 | 71.54 | 72.46 | 83.46 | 84.54 | 95.46 | 96.54 |
| ISO 4762 (1997) | 53.54 | 54.46 | | | 62.54 | 63.46 | | | 71.54 | 72.46 | 83.46 | 84.54 | 95.46 | 96.54 |
| ANSI B 18.3.1 M (1986) | 53.37 | 54.46 | | | 62.31 | 63.46 | | | 71.27 | 72.46 | | | | |
| Head Height k | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. |
| DIN 912 (1983) | 35.38 | 36.00 | 38.38 | 39.00 | 41.38 | 42.00 | 44.38 | 45.00 | 47.38 | 48.00 | 55.26 | 56.00 | 63.26 | 64.00 |
| ISO 4762 (1997) | 35.38 | 36.00 | | | 41.38 | 42.00 | | | 47.38 | 48.00 | 55.26 | 56.00 | 63.26 | 64.00 |
| ANSI B 18.3.1 M (1986) | 35.64 | 36.00 | | | 41.61 | 42.00 | | | 47.58 | 48.00 | | | | |
| Key Size nominal s | 27 | | 27 | | 32 | | 32 | | 36 | | 41 | | 46 | |
| | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. |
| DIN 912 (1983) | 27.065 | 27.275 | 27.065 | 27.275 | 32.08 | 32.33 | 32.08 | 32.33 | 36.08 | 36.33 | 41.08 | 41.33 | 46.08 | 46.33 |
| ISO 4762 (1997) | 27.065 | 27.275 | | | 32.08 | 32.33 | | | 36.08 | 36.33 | 41.08 | 41.33 | 46.08 | 46.33 |
| ANSI B 18.3.1 M (1986) | 27.065 | 27.319 | | | 32.080 | 32.451 | | | 36.080 | 36.451 | | | | |
| Key Engagement t | min. | | min. | | min. | | min. | | min. | | min. | | min. | |
| DIN 912 (1983) | 19 | | 22 | | 24 | | 24 | | 28 | | 34 | | 38 | |
| ISO 4762 (1997) | 19 | | | | 24 | | | | 28 | | 34 | | 38 | |
| ANSI B 18.3.1 M (1986) | 18 | | | | 21 | | | | 24 | | | | | |
| Thread Size d1 | M72 | | M80 | | M90 | | M100 | | | | | | | |
| Thread Pitch | 6 | | 8 | | 6 | | 6 | | | | | | | |
| Thread Length b | 156 | | 172 | | 192 | | 212 | | | | | | | |
| Head Dia. d2 | min. | max. | min. | max. | min. | max. | min. | max. | | | | | | |
| DIN 912 (1983) | 107.46 | 108.54 | 119.46 | 120.54 | 134.37 | 135.63 | 149.37 | 150.63 | | | | | | |
| Head Height k | min. | max. | min. | max. | min. | max. | min. | max. | | | | | | |
| DIN 912 (1983) | 71.26 | 72.00 | 79.26 | 80.00 | 89.13 | 90.00 | 99.13 | 100.00 | | | | | | |
| Key Size nominal s | 55 | | 65 | | 75 | | 85 | | | | | | | |
| | min. | max. | min. | max. | min. | max. | min. | max. | | | | | | |
| DIN 912 (1983) | 55.10 | 55.40 | 65.10 | 65.40 | 75.10 | 75.40 | 85.12 | 85.47 | | | | | | |
| Key Engagement t | min. | | min. | | min. | | min. | | | | | | | |
| DIN 912 (1983) | 43 | | 48 | | 54 | | 60 | | | | | | | |
| Property Class | 12.9 | | 8.8sd 16mm | | 8.8sd 16mm | | 10.9 | | A2 /A4-50 | | A2 /A4-70 | | A2 /A4-80 | |
| Tensile Strength | 176900 psi | | 116000 psi | | 120350 psi | | 150800 psi | | 72500 psi | | 101500 psi | | 116000 psi | |
| Yield Strength | 159500 psi | | 92800 psi | | 95700 psi | | 136300 psi | | 30450 psi | | 65250 psi | | 87000 psi | |
| Rockwell Hardness (HRC) | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. |
| | 39 | 44 | 22 | 32 | 23 | 34 | 32 | 39 | NA | NA | NA | NA | NA | NA |

| Property Class | Steel | Steel | Stainless Steel |
|------------------|---------------|------------|-----------------|
| | 12.9 | 8.8 & 10.9 | A2 & A4 |
| Finish | Furnace Black | | Plain |
| Thread Tolerance | 5g6g | | 6g |

Diameters & Lengths With [] are not recommended for new design.
 M1.4, 2.6, 3.9 and 4.5 are no longer included in DIN 912.
 M1.4, 2.6, 1.8, 2.2, 2.7, 3.3, 3.9, and 4.5 are no longer included in ISO 4762.
 The basic difference between DIN 912-12.9 (1983) / ISO 4762-12.9 (1997) and ANSI B 18.3.M (1986) is both DIN and ISO have a thread tolerance of 5g6g, while ANSI has a thread tolerance of 4g6g, which may not be readily available on a worldwide basis.
 ANSI B 18.3.1 M is only available in Property Class 12.9.

For More Detailed Information, Please Refer To Complete DIN, ISO, or ANSI Standard, Which Are The Governing Standards.
 DIN 912 (1983) / ISO 4762 (1997) / ANSI B 18.3.1M (1986) - LGF 05/01/08 See Next Page For Additional Information