

## 凹头螺钉

### 特点

- 良好的耐腐蚀性
- 也用于许多内部精细木工应用
- 需要一个六角扳手 /Allen 扳手
- 提供各种螺纹尺寸

## RS M5 Pro 20mm 内六角埋头螺钉、本色 不锈钢

RS 号: 171-865



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。

# 凹头螺钉

## 商品描述属性

当您需要与材料表面齐平或低于该表面的紧固件时，RS PRO 六角埋头螺钉是理想选择。这些常用的公制螺纹埋头螺钉由 A2 (304) 不锈钢制成，设计用于空间受限的轻型应用。这些紧固件可在需要坚固、可靠接头时使用。这些螺钉具有极具吸引力的高质量外观和表面、无论您在何处使用、都可为您提供出色的耐腐蚀性

## 一般规格

螺纹尺寸	M5
头部形状	六角套筒埋头
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	20mm
不锈钢类型	304 A2
螺距	0.8mm
头直径范围	9.64mm 至 11.20mm
头部高度范围	2.8mm 至 3.10mm
钥匙尺寸标称范围	3.0mm 至 3.10mm
关键敬业度	2.05
螺纹公差	6g

## 凹头螺钉

认证

合规性 / 认证

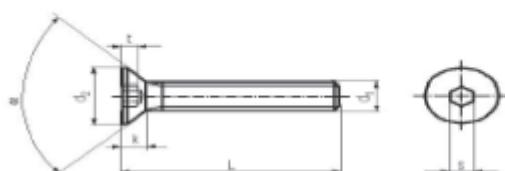
rohs 符合性证书, DIN7991 , ISO10642 , ansi B18



## 凹头螺钉

Head Shape	Material	Thread Size	Length	RS Part No.
Countersunk Socket	Stainless Steel	M3	10 mm	171792
Countersunk Socket	Stainless Steel	M3	12 mm	171809
Countersunk Socket	Stainless Steel	M4	10 mm	171815
Countersunk Socket	Stainless Steel	M4	12 mm	171821
Countersunk Socket	Stainless Steel	M4	16 mm	171837
Countersunk Socket	Stainless Steel	M5	12 mm	171843
Countersunk Socket	Stainless Steel	M5	16 mm	171859
Countersunk Socket	Stainless Steel	M5	20 mm	171865
Countersunk Socket	Stainless Steel	M5	25 mm	171871
Countersunk Socket	Stainless Steel	M6	12 mm	171887
Countersunk Socket	Stainless Steel	M6	16 mm	171893
Countersunk Socket	Stainless Steel	M6	20 mm	171900
Countersunk Socket	Stainless Steel	M6	25 mm	171916
Countersunk Socket	Stainless Steel	M6	30 mm	171922

FLAT HEAD SOCKET CAP SCREWS DIN 7991 / ISO 10642 / ANSI B18.3.5M



\*\*\*\*\*Notice\*\*\*\*\*  
Lindstrom Metric, LLC will supply all Flat Head Socket Cap Screws With Full Thread, not according to below formulas.

# 凹头螺钉

Thread Size d1		(M2)	(M2.5)	M3	M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24
Thread Pitch		0.4	0.45	0.5	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3
Head Angle a		90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	90°	60°	60°
DIN 7991 Thread Length Formula	For Lengths ≤125mm	10	11	12	14	16	18	22	26	30	34	38	42	46	50	54
	For Lengths >125mm to 200mm							24	28	32	36	40	44	48	52	56
	For Lengths >200 mm								45	49	53	57	61	65	69	73
	ISO 10642 & ANSI B18.3.5M use a shank length / grip length formula to determine thread length. - Refer to full ISO or ANSI standard for more details.															
DIN 7991	min.	3.7	4.7	5.7	7.64	9.64	11.57	15.57	19.48	23.48	26.48	29.48	32.38	35.38	35.38	38.38
Head Dia. d2	max. = nominal	4.0	5.0	6.0	8.00	10.00	12.00	16.00	20.00	24.00	27.00	30.00	33.00	36.00	36.00	39.00
ISO 10642	min.			5.54	7.53	9.43	11.34	15.24	19.22	23.12	26.52	29.01			36.05	
Head Dia. d2	max. = theoretical			6.72	8.96	11.20	13.44	17.92	22.40	26.88	30.80	33.60		40.32		
ANSI B18.3.5M	min.			5.35	7.60	9.75	11.70	15.65	19.50	23.40	26.18	27.76		34.60		
Head Dia. d2	max. = theoretical			6.72	8.96	11.20	13.44	17.92	22.40	26.88	30.24	33.60		40.32		
	ISO 10642 & ANSI B18.3.5M use a theoretical value for the max head diameter, which represents the exact diameter of a hole countersunk to exactly 90° in which a screw having the maximum head size will fit flush. - Refer to full ISO or ANSI standard for more details.															
DIN 7991 Head Height k	max.	1.2	1.5	1.7	2.3	2.8	3.3	4.4	5.5	6.5	7	7.5	8	8.5	13.1	14
ISO 10642 Head Height k	max. = reference			1.66	2.48	3.10	3.72	4.96	6.20	7.44	8.40	8.80		10.16		
ANSI B18.3.5M Head Height k	max. = reference			1.66	2.48	3.10	3.72	4.96	6.20	7.44	8.12	8.80		10.16		
	ISO 10642 & ANSI B18.3.5M show Head Height k as a reference point only. - Refer to full ISO or ANSI standard for more details.															
	For DIN 7991 / ISO 10642 / ANSI B18.3.5M, the overall length of the screw includes the head.															
DIN 7991 Key Size s	Nominal Size	1.3	1.5	2	2.5	3	4	5	6	5	10	10	12	12	14	14
	min.	1.275	1.545	2.02	2.52	3.02	4.02	5.02	6.02	8.025	10.025	10.025	12.032	12.032	14.032	14.032
	max.	1.300	1.520	2.10	2.60	3.10	4.12	5.14	6.14	8.175	10.175	10.175	12.212	12.212	14.212	14.212
ISO 10642 Key Size s	Nominal Size			2	2.5	3	4	5	6	8	10	10			12	
	min.			2.02	2.52	3.02	4.020	5.02	6.02	8.025	10.025	10.025	12.032			
	max.			2.06	2.58	3.06	4.095	5.14	6.14	8.175	10.175	10.175	12.212			
ANSI B18.3.5M Key Size s	Nominal Size			2	2.5	3	4	5	6	8	10	10			12	
	min.			2.020	2.52	3.020	4.020	5.020	6.020	8.025	10.025	10.025	12.032			
	max.			2.045	2.56	3.071	4.084	5.084	6.095	8.115	10.115	10.115	12.142			
DIN 7991 Key Engagement t	min.	0.75	0.8	0.950	1.55	2.05	2.25	3.2	4.1	4.3	4.5	5.0	5.2	5.6	8.44	9.87
ISO 10642 Key Engagement t	min.			1.100	1.50	1.90	2.20	3.0	3.6	4.3	4.5	4.8		5.6		
ANSI B18.3.5M Key Engagement t	min.			1.100	1.50	1.90	2.20	3.0	3.6	4.3	4.7	4.8		5.6		

Length Tolerance	DIN 7991 / ISO 10642		ANSI B18.3.5M		Length Tolerance	DIN 7991 / ISO 10642		ANSI B18.3.5M	
Nominal Length	min	max	min	max	Nominal Length	min	max	min	max
(4)	3.75	4.24	3.7	4.3	30	29.55	30.42	29.5	30.5
(5)	4.76	5.24	4.7	5.3	35	34.5	35.5	34.5	36.5
(6)	5.76	6.24	5.7	6.3	40	39.5	40.5	39.5	40.5
8	7.71	8.29	7.7	8.3	45	44.5	45.5	44.5	45.5
10	9.71	10.29	9.7	10.3	50	49.5	50.5	49.5	50.5
12	11.65	12.35	11.7	12.3	(55)	54.4	55.6	54.5	55.5
(14)	13.65	14.35	13.7	14.3	60	59.4	60.5	59.5	60.5
16	15.65	16.35	15.7	16.3	(65)	64.4	65.6	64.2	65.8
(18)	17.65	18.35	17.5	18.5	70	69.4	70.5	69.2	70.8
20	19.58	20.42	19.5	20.5	(75)	74.4	75.6	74.2	75.8
(22)	21.58	22.42	21.5	22.5	80	79.4	80.6	79.2	80.8
25	24.58	25.42	24.5	25.5	90	89.3	90.7	89.2	90.8
(28)	27.58	28.42	27.5	28.5	100	99.3	100.7	99.2	100.8

*****Notice*****
Diameters and or Lengths shown with ( ) are not shown in some standards are not recommended for use in new design.

*****Notice*****
DIN 7991, ISO 10642, and ANSI B18.3.5M are not intended for high strength applications. The only purpose of having them produced in property class 10.9 or 12.9 is to increase the wear resistance of the socket drive.