



LANCASTER

ROLLED THREAD

Machine Screws

GRADE 4.8



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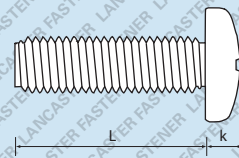
UNIFIED - ANSI B1.1

Cross Recess (Z) Pan

Steel / Zinc Plated (CR3)

Steel / Black (CR3)

RoHS 2 Compliant



ANSI B18.6.4

Further technical data is available on page 193

Thread	2.56 UNC	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC	1/4" - 20 UNC	-	-	Thread
Dia. D max	-	-	-	-	-	-	-	-	Dia. D max
Dia. C max	-	-	-	-	-	-	-	-	Dia. C max
d1 - max	0.167	0.219	0.270	0.322	0.373	0.492	-	-	d1 - max
k - max	0.062	0.080	0.097	0.115	0.133	0.175	-	-	k - max
Recess	1	1	2	2	2	3	-	-	Recess
L- Length ins	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000								L- Length ins
1/8	120,000 1,000 0.16	50,000 1,000 0.32	28,000 1,000 0.61						1/8
3/16	95,000 1,000 0.20	50,000 1,000 0.38	27,000 1,000 0.68						3/16
1/4	80,000 1,000 0.23	45,000 1,000 0.43	25,000 1,000 0.77	18,000 1,000 1.24	12,000 1,000 1.83	6,000 500 3.81			1/4
5/16	75,000 1,000 0.26	38,000 1,000 0.49	16,000 1,000 0.86	15,000 1,000 1.38	12,000 1,000 1.99				5/16
3/8		29,000 1,000 0.55	16,000 1,000 0.94	15,000 1,000 1.50	11,000 1,000 2.13	5,000 500 4.43			3/8
7/16		57,000 1,000 0.33	25,000 1,000 0.60	16,000 1,000 1.00	13,000 1,000 1.63	10,000 1,000 2.25			7/16
1/2	52,000 1,000 0.36	25,000 1,000 0.66	16,000 1,000 1.01	13,000 1,000 1.74	8,000 1,000 2.47	4,000 500 4.97			1/2
5/8		25,000 1,000 0.75	14,000 1,000 1.27	10,000 1,000 1.97	7,000 1,000 2.78	3,000 500 5.56			5/8
3/4		15,000 1,000 0.86	14,000 1,000 1.42	8,000 1,000 2.22	6,000 1,000 3.07	3,000 500 6.12			3/4
7/8		13,000 1,000 1.01	11,000 1,000 1.59	7,000 1,000 2.49	6,000 500 3.41	3,000 250 6.69			7/8
1		13,000 1,000 1.12	10,000 1,000 1.74	7,000 1,000 2.76	4,000 500 3.74	2,000 250 7.32			1
-									-
-									-
-									-
-									-
-									-
-									-

Zinc Plated (CR3) - preferred and available from stock.
Black (CR3) - non preferred and may be subject to a lead time and MOQ.

See Page 219 for further detail.

PRODUCT CODE EXAMPLE

MSMUCZPAN29250ZC
MSMUCZPAN42190ZN

PRODUCT DESCRIPTION EXAMPLE

4.40 UNC x 1 Cross Recess (Z) Pan Unified Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)
8.32 UNC x 3/4 Cross Recess (Z) Pan Unified Machine Screw Grade 4.8 Steel / Black (CR3)

180° & 360° NYLOK® Blue Patching service available.

See page 219 for further detail.

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t: +44 (0) 1524 389 232

f: +44 (0) 1524 66367

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SELF-TAPPING
SCREWS

SELF-DRILLING
SCREWS

TAP-FIX® THREAD
ROLLING SCREWS

ROLLED THREAD
MACHINE SCREWS

TAMPER PROOF
SECURITY SCREWS

HAMMER DRIVE
SCREWS

SCREWS FOR
PLASTICS

MICRO DIAMETER
SCREWS

K-SERIES®
SETZMUTTERN

RIVET BUSHES &
SELF-CLINCHING
FASTENERS

CD WELD STUDS

BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA

SELF-TAPPING
SCREWSSELF-DRILLING
SCREWSTAP-FIX® THREAD
ROLLING SCREWSROLLED THREAD
MACHINE SCREWSTAMPER PROOF
SECURITY SCREWSHAMMER DRIVE
SCREWSSCREWS FOR
PLASTICSMICRO DIAMETER
SCREWSK-SERIES®
SETZMUTTERNRIVET BUSHES &
SELF-CLINCHING
FASTENERS

CD WELD STUDS

BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA



LANCASTER

ROLLED THREAD

Machine Screws

GRADE 4.8



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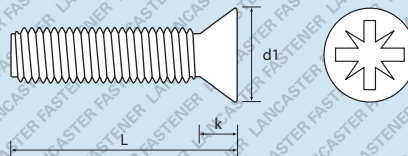
UNIFIED - ANSI B1.1

Cross Recess (Z) Countersunk

Steel / Zinc Plated (CR3)

Steel / Black (CR3)

RoHS 2 Compliant



Further technical data is available on page 193

ANSI B18.6.4

Thread	2.56 UNC	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC	¼" - 20 UNC	-	-	Thread
Dia. D max	-	-	-	-	-	-	-	-	Dia. D max
Dia. C max	-	-	-	-	-	-	-	-	Dia. C max
d1 - max	0.172	0.225	0.279	0.332	0.385	0.507	-	-	d1 - max
k - ref	0.051	0.067	0.083	0.100	0.116	0.153	-	-	k - ref
Recess	1	1	2	2	2	3	-	-	Recess
L- Length ins	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000								L- Length ins
1/8	175,000 1,000 0.11	110,000 1,000 0.17							1/8
3/16	135,000 1,000 0.14	90,000 1,000 0.22	40,000 1,000 0.38						3/16
1/4	60,000 1,000 0.32	40,000 1,000 0.45	28,000 1,000 0.73	24,000 1,000 1.02					1/4
5/16	95,000 1,000 0.20	50,000 1,000 0.39	35,000 1,000 0.55	20,000 1,000 0.87	16,000 1,000 1.19				5/16
3/8	80,000 1,000 0.24	45,000 1,000 0.43	30,000 1,000 0.62	20,000 1,000 0.99	16,000 1,000 1.35	8,000 1,000 2.76			3/8
7/16	70,000 1,000 0.27	40,000 1,000 0.48	27,000 1,000 0.71	15,000 1,000 1.11	13,000 1,000 1.54				7/16
1/2	65,000 1,000 0.30	35,000 1,000 0.54	25,000 1,000 0.79		13,000 1,000 1.69	6,000 500 3.33			1/2
5/8		30,000 1,000 0.65	15,000 1,000 0.97	12,000 1,000 1.50	10,000 1,000 1.99	5,000 500 3.87			5/8
3/4		16,000 1,000 0.76	14,000 1,000 1.13	10,000 1,000 1.75	8,000 1,000 2.30	4,000 500 4.44			3/4
7/8		16,000 1,000 0.89	13,000 1,000 1.29	8,000 1,000 1.99	7,000 1,000 2.62	4,000 500 5.02			7/8
1		14,000 1,000 1.00	10,000 1,000 1.46	7,000 1,000 2.27	5,000 1,000 2.95	3,000 500 5.59			1
-									-
-									-
-									-
-									-
-									-
-									-

Zinc Plated (CR3) - preferred and available from stock.
Black (CR3) - non preferred and may be subject to a lead time and MOQ.

See Page 219
for further detail.

PRODUCT CODE EXAMPLE

MSMUCZCSK42190ZC
MSMUCZCSK35160ZN

PRODUCT DESCRIPTION EXAMPLE

8.32 UNC x 3/4 Cross Recess (Z) Countersunk Unified Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)
6.32 UNC x 5/8 Cross Recess (Z) Countersunk Unified Machine Screw Grade 4.8 Steel / Black (CR3)

180° & 360° NYLON® Blue Patching service available.

See page 219 for further detail.

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ROLLED THREAD

Machine Screws

GRADE 4.8



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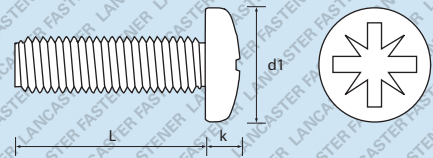
DIN 7985

Cross Recess (Z) Pan

Steel / Zinc Plated (CR3)

Steel / Black (CR3)

RoHS 2 Compliant



Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.20	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	1.42	1.72	2.12	2.52	2.82	3.25	3.95	4.75	6.15	k - max
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	0	1	1	1	2	2	2	3	4	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3	222,000 1,000 0.08	156,000 1,000 0.15								3
4	200,000 1,000 0.09	125,000 1,000 0.17	60,000 1,000 0.33	40,000 1,000 0.55						4
5	182,000 1,000 0.12	100,000 1,000 0.19	55,000 1,000 0.35	35,000 1,000 0.68		15,000 1,000 1.39				5
6	167,000 1,000 0.13	87,000 1,000 0.21	53,000 1,000 0.39	34,000 1,000 0.71	26,000 1,000 0.93	15,000 1,000 1.47	8,000 1,000 2.66			6
8	143,000 1,000 0.14	67,000 1,000 0.25	41,000 1,000 0.44	26,000 1,000 0.80		14,000 1,000 1.63	7,500 1,000 2.91	4,500 500 4.69		8
10		60,000 1,000 0.29	34,000 1,000 0.50	22,000 1,000 0.88	25,000 1,000 1.14	12,000 1,000 1.79	6,500 1,000 3.16	4,200 500 5.24		10
12		50,000 1,000 0.32	33,000 1,000 0.58	21,000 1,000 0.95		11,000 1,000 1.94	6,300 1,000 3.21	4,000 500 5.49	1,700 250 11.40	12
14				21,000 1,000 1.03		10,000 1,000 1.87	6,000 1,000 3.34			14
16		50,000 1,000 0.38	27,000 1,000 0.67	19,000 1,000 1.11		10,000 1,000 2.16	6,000 500 3.91	3,400 500 6.29	1,500 250 12.80	16
18						9,000 1,000 2.25				18
20		30,000 1,000 0.44	24,000 1,000 0.79	15,000 1,000 1.27		8,000 1,000 2.56	5,000 500 4.41	3,000 500 7.00	1,400 250 14.20	20
22						7,500 1,000 2.52				22
25			18,000 1,000 0.94	13,000 1,000 1.47		7,000 1,000 2.94	4,000 500 5.03	2,800 250 7.87	1,200 125 15.80	25
30				10,000 1,000 1.71		6,000 500 3.44	3,500 500 5.70	2,500 250 8.75	1,100 125 17.50	30
35				9,000 1,000 1.95		5,000 500 3.94	3,000 500 6.50	2,200 250 9.60	1,100 125 19.10	35
40				5,000 500 2.19		4,500 500 4.44	2,800 250 7.30	2,000 250 10.50	1,000 125 20.70	40
45				4,000 500 2.44		3,000 500 4.94	2,500 250 8.00	1,800 250 11.40	900 125 22.30	45
50				3,000 500 2.68		2,500 250 5.44	2,300 250 8.70	1,600 250 12.30	900 125 23.90	50
55										55
60						2,300 250 6.44	1,500 250 10.10	1,200 125 14.10	700 100 27.00	60
70						1,800 250 7.44	1,100 250 11.50	1,000 125 15.90	700 100 30.20	70
80						1,300 250 8.44	900 125 12.90	1,000 125 17.70	600 50 33.40	80
90							900 125 14.30	1,000 125 19.50	600 50 36.60	90
100							900 125 15.70	600 125 21.30	540 50 39.80	100

Zinc Plated (CR3) - preferred and available from stock.
Black (CR3) - non preferred and may be subject to a lead time and MOQ (M2.5 and above)

Zinc Plated (CR3) & Black (CR3) preferred and available from stock. See Page 219 for further detail.

PRODUCT CODE EXAMPLE

MSMZPAN50020ZC
MSMZPAN60016ZN

PRODUCT DESCRIPTION EXAMPLE

M5 x 20 Cross Recess (Z) Pan DIN 7985 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)
M6 x 16 Cross Recess (Z) Pan DIN 7985 Machine Screw Grade 4.8 Steel / Black (CR3)

180° & 360° NYLOK® Blue Patching service available on M2 dia. and above.

See page 219 for further detail.

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SELF-TAPPING
SCREWS

SELF-DRILLING
SCREWS

TAP-FIX® THREAD
ROLLING SCREWS

ROLLED THREAD
MACHINE SCREWS

TAMPER PROOF
SECURITY SCREWS

HAMMER DRIVE
SCREWS

SCREWS FOR
PLASTICS

MICRO DIAMETER
SCREWS

K-SERIES®
SETZMUTTERN

RIVET BUSHES &
SELF-CLINCHING
FASTENERS

CD WELD STUDS

BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA

SELF-TAPPING
SCREWSSELF-DRILLING
SCREWSTAP-FIX® THREAD
ROLLING SCREWSROLLED THREAD
MACHINE SCREWSTAMPER PROOF
SECURITY SCREWSHAMMER DRIVE
SCREWSSCREWS FOR
PLASTICSMICRO DIAMETER
SCREWSK-SERIES®
SETZMUTTERNRIVET BUSHES &
SELF-CLINCHING
FASTENERS

CD WELD STUDS

BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA

**CASTLE®**

Low priced, bulk packed, commodity size ranges

ROLLED THREAD

Machine Screws

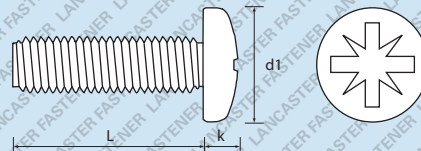
GRADE 4.8



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DIN7985**Cross Recess (Z) Pan
Steel / Zinc Plated (CR3)**

RoHS 2 Compliant



Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.20	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	1.42	1.72	2.12	2.52	2.82	3.25	3.95	4.75	6.15	k - max
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	0	1	1	1	2	2	2	3	4	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3										3
4										4
5										5
6				34,000 N/A 0.71		15,000 N/A 1.47	8,000 N/A 2.66			6
8				26,000 N/A 0.80		14,000 N/A 1.63	7,500 N/A 2.91			8
10				22,000 N/A 0.88		12,000 N/A 1.79	6,500 N/A 3.16	4,200 N/A 5.24		10
12				21,000 N/A 0.95		11,000 N/A 1.94	6,300 N/A 3.41	4,000 N/A 5.49		12
16				19,000 N/A 1.11		10,000 N/A 2.25	6,000 N/A 3.91	3,400 N/A 6.29		16
20				15,000 N/A 1.27		8,000 N/A 2.56	5,000 N/A 4.41	3,000 N/A 7.00		20
25						7,000 N/A 2.94	4,000 N/A 5.03	2,800 N/A 7.87		25
30							3,500 N/A 5.70	2,500 N/A 8.75		30
35										35
40										40
45										45
50										50
55										55
60										60
70										70
80										80
90										90
100										100

☐ Zinc Plated (CR3) - preferred and available from stock.

PRODUCT CODE EXAMPLE

STMSMZPAN50020ZC

PRODUCT DESCRIPTION EXAMPLE

M5 x 20 Cross Recess (Z) Pan DIN 7985 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)

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LANCASTER

ROLLED THREAD

Machine Screws

GRADE 4.8

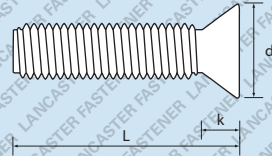
DIN 965

Cross Recess (Z) Countersunk

Steel / Zinc Plated (CR3)

Steel / Black (CR3)

RoHS 2 Compliant



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Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.00	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	d1 - max
k - ref	0.96	1.20	1.50	1.65	1.93	2.20	2.50	3.00	4.00	k - ref
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	0	1	1	1	2	2	2	3	4	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3	400,000 1,000 0.05									3
4	333,000 1,000 0.06	200,000 1,000 0.09	100,000 1,000 0.17	55,000 1,000 0.25						4
5	286,000 1,000 0.07	160,000 1,000 0.12	100,000 1,000 0.20	50,000 1,000 0.34		26,000 1,000 0.76				5
6	286,000 1,000 0.08	133,000 1,000 0.14	90,000 1,000 0.23	50,000 1,000 0.38		26,000 1,000 0.80	16,000 1,000 1.21			6
8		83,000 1,000 0.16	67,000 1,000 0.28	45,000 1,000 0.47		22,000 1,000 0.91	12,000 1,000 1.45	10,000 1,000 2.53		8
10		67,000 1,000 0.19	56,000 1,000 0.34	35,000 1,000 0.56		19,000 1,000 1.06	11,500 1,000 1.70	8,000 1,000 2.68		10
12		50,000 1,000 0.24	48,000 1,000 0.38	30,000 1,000 0.64		17,000 1,000 1.22	10,000 1,000 1.95	7,000 1,000 2.89	3,600 500 5.67	12
16		50,000 1,000 0.29	35,000 1,000 0.50	25,000 1,000 0.82		14,000 1,000 1.53	8,000 1,000 2.44	5,500 500 3.60	3,000 500 6.94	16
20			25,000 1,000 0.62	21,000 1,000 1.00		12,000 1,000 1.84	7,000 1,000 2.94	4,800 500 4.31	2,500 250 8.21	20
25			22,000 1,000 0.77	16,000 1,000 1.22		9,000 1,000 2.22	5,500 500 3.55	4,000 500 5.19	2,000 250 9.79	25
30				13,000 1,000 1.44		8,000 1,000 2.61	5,000 500 4.16	3,200 250 6.08	1,800 250 11.70	30
35				11,000 1,000 1.66		7,000 1,000 3.00	4,200 500 4.65	3,000 250 6.96	1,600 250 13.00	35
40				8,000 1,000 1.88		5,000 500 3.38	3,600 500 5.40	2,500 250 7.84	1,400 250 14.60	40
45				6,000 1,000 2.10		4,500 500 3.76	3,200 250 6.02	1,800 250 8.73	1,200 125 16.20	45
50				5,000 500 2.32		3,500 500 4.15	2,000 250 6.65	1,800 250 9.61	1,100 125 17.80	50
55						3,000 500 4.52	2,000 250 6.85			55
60						2,500 500 4.92	1,700 250 7.90	1,500 125 11.37	800 125 21.00	60
70						2,000 250 5.72	1,500 250 9.15	1,300 125 13.14	800 125 24.20	70
80						1,400 250 6.52	1,000 250 10.40	1,200 125 14.91	700 100 27.40	80
90							1,000 200 11.65	900 125 16.68	650 100 30.60	90
100							1,000 125 12.90	800 125 18.45	600 100 33.80	100

Zinc Plated (CR3) - preferred and available from stock.
Black (CR3) - non preferred and may be subject to a lead time and MOQ (M2.5 and above)

Zinc Plated (CR3) & Black (CR3) preferred and available from stock.

See Page 219 for further detail.

PRODUCT CODE EXAMPLE

MSMZCSK60050ZC
MSMZCSK50030ZN

PRODUCT DESCRIPTION EXAMPLE

M6 x 50 Cross Recess (Z) Countersunk DIN 965 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)
M5 x 30 Cross Recess (Z) Countersunk DIN 965 Machine Screw Grade 4.8 Steel / Black (CR3)

180° & 360° NYLOK® Blue Patching service available on M2 dia. and above.

See page 219 for further detail.

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TECHNICAL DATA

BRASS INSERTS
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ROLLING SCREWS

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SCREWS

SELF-TAPPING
SCREWS

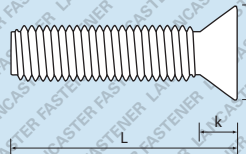


Low priced, bulk packed, commodity size ranges

ROLLED THREAD

Machine Screws

GRADE 4.8



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Further technical data is available on page 192

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☐ Zinc Plated (CR3) - preferred and available from stock.

PRODUCT CODE EXAMPLE	PRODUCT DESCRIPTION EXAMPLE
STMSMZCSK50012ZC	M5 x 12 Cross Recess (Z) Countersunk DIN 965 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)

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**CASTLE®**

Low priced, bulk packed, commodity size ranges

ROLLED THREAD

Machine Screws

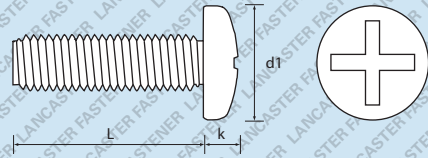
GRADE 4.8



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DIN7985**Cross Recess (H) Pan
Steel / Zinc Plated (CR3)**

RoHS 2 Compliant



Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.20	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	1.42	1.72	2.12	2.52	2.82	3.25	3.95	4.75	6.15	k - max
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	0	1	1	1	2	2	2	3	4	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3										3
4										4
5										5
6				34,000 N/A 0.71		15,000 N/A 1.47	8,000 N/A 2.66			6
8				26,000 N/A 0.80		14,000 N/A 1.63	7,500 N/A 2.91			8
10				22,000 N/A 0.88		12,000 N/A 1.79	6,500 N/A 3.16	4,200 N/A 5.24		10
12				21,000 N/A 0.95		11,000 N/A 1.94	6,300 N/A 3.41	4,000 N/A 5.49		12
16				19,000 N/A 1.11		10,000 N/A 2.25	6,000 N/A 3.91	3,400 N/A 6.29		16
20				15,000 N/A 1.27		8,000 N/A 2.56	5,000 N/A 4.41	3,000 N/A 7.00		20
25						7,000 N/A 2.94	4,000 N/A 5.03	2,800 N/A 7.87		25
30							3,500 N/A 5.70	2,500 N/A 8.75		30
35										35
40										40
45										45
50										50
55										55
60										60
70										70
80										80
90										90
100										100

Zinc Plated (CR3) - preferred and available from stock.

PRODUCT CODE EXAMPLE

STMSMHPAN50020ZC

PRODUCT DESCRIPTION EXAMPLE

M5 x 20 Cross Recess (H) Pan DIN 7985 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)

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t: +44 (0) 1524 389 232

f: +44 (0) 1524 66367

enquiries@lancasterfastener.co.uk

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SELF-TAPPING
SCREWSSELF-DRILLING
SCREWSTAP-FIX® THREAD
ROLLING SCREWSROLLED THREAD
MACHINE SCREWSTAMPER PROOF
SECURITY SCREWSHAMMER DRIVE
SCREWSSCREWS FOR
PLASTICSMICRO DIAMETER
SCREWSK-SERIES®
SETZMUTTERNRIVET BUSHES &
SELF-CLINCHING
FASTENERS

CD WELD STUDS

BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA

SELF-TAPPING
SCREWSSELF-DRILLING
SCREWSTAP-FIX® THREAD
ROLLING SCREWSROLLED THREAD
MACHINE SCREWSTAMPER PROOF
SECURITY SCREWSHAMMER DRIVE
SCREWSSCREWS FOR
PLASTICSMICRO DIAMETER
SCREWSK-SERIES®
SETZMUTTERNRIVET BUSHES &
SELF-CLINCHING
FASTENERS

CD WELD STUDS

BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA

**CASTLE®**

Low priced, bulk packed, commodity size ranges

ROLLED THREAD

Machine Screws

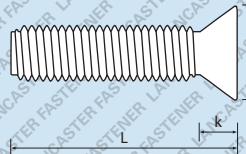
GRADE 4.8



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Cross Recess (H) Countersunk
Steel / Zinc Plated (CR3)

RoHS 2 Compliant



Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.00	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	d1 - max
k - ref	0.96	1.20	1.50	1.65	1.93	2.20	2.50	3.00	4.00	k - ref
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	0	1	1	1	2	2	2	3	4	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3										3
4										4
5										5
6				50,000 N/A 0.38		26,000 N/A 0.76				6
8				45,000 N/A 0.47		22,000 N/A 0.91	12,000 N/A 1.45			8
10				35,000 N/A 0.56		19,000 N/A 1.06	11,500 N/A 1.70	8,000 N/A 2.53		10
12				30,000 N/A 0.64		17,000 N/A 1.22	10,000 N/A 1.95	7,000 N/A 2.89		12
16				25,000 N/A 0.82		14,000 N/A 1.53	8,000 N/A 2.44	5,500 N/A 3.60		16
20				21,000 N/A 1.00		12,000 N/A 1.84	7,000 N/A 2.94	4,800 N/A 4.31		20
25						9,000 N/A 2.22	5,500 N/A 3.55	4,000 N/A 5.19		25
30							5,000 N/A 4.16	3,200 N/A 6.08		30
35										35
40										40
45										45
50										50
55										55
60										60
70										70
80										80
90										90
100										100

☐ Zinc Plated (CR3) - preferred and available from stock.

PRODUCT CODE EXAMPLE

STMSMHCSK50012ZC

PRODUCT DESCRIPTION EXAMPLE

M5 x 12 Cross Recess (H) Countersunk DIN 965 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)

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t: +44 (0) 1524 389 232

f: +44 (0) 1524 66367

enquiries@lancasterfastener.co.uk

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LANCASTER

DIN7985

ROLLED THREAD

Machine Screws

GRADE 4.8

T-Drive® (6-Lobe) Pan

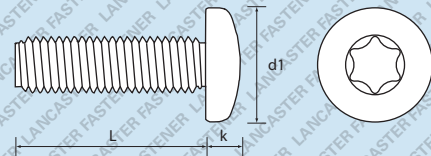
Steel / Zinc Plated (CR3)

Steel / Black (CR3)

RoHS 2 Compliant



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Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.20	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	1.42	1.72	2.12	2.52	2.82	3.25	3.95	4.75	6.15	k - max
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	T5	T6	T8	T10	T15	T20	T25	T30	T40	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3	222,000 1,000 0.28									3
4	200,000 1,000 0.28	125,000 1,000 0.27	60,000 1,000 0.34	40,000 1,000 0.54						4
5	182,000 1,000 0.28	100,000 1,000 0.28	55,000 1,000 0.36	35,000 1,000 0.58		15,000 1,000 1.30				5
6	167,000 1,000 0.29	87,000 1,000 0.28	53,000 1,000 0.37	34,000 1,000 0.64	26,000 1,000 0.84	15,000 1,000 1.30	8,000 1,000 2.37			6
8	143,000 1,000 0.29	67,000 1,000 0.29	41,000 1,000 0.43	26,000 1,000 0.71		14,000 1,000 1.46	7,500 1,000 2.85	4,500 500 4.60		8
10		60,000 1,000 0.31	34,000 1,000 0.49	22,000 1,000 0.80		12,000 1,000 1.61	6,500 1,000 2.91	4,200 500 4.60		10
12		50,000 1,000 0.32	33,000 1,000 0.55	21,000 1,000 0.88		11,000 1,000 1.70	6,300 1,000 3.08	4,000 500 4.95	1,700 250 10.68	12
14				21,000 1,000 0.95		10,000 1,000 1.87	6,000 1,000 3.66			14
16		50,000 1,000 0.33	27,000 1,000 0.59	19,000 1,000 1.04		10,000 1,000 2.07	6,000 1,000 3.49	3,400 500 5.63	1,500 250 11.91	16
18							5,000 500 4.16			18
20			24,000 1,000 0.65	15,000 1,000 1.27		8,000 1,000 2.38	5,000 500 3.97	3,000 500 6.41	1,400 250 13.14	20
25			18,000 1,000 0.70	13,000 1,000 1.43		7,000 1,000 2.72	4,000 500 4.65	2,800 250 7.23	1,200 250 14.68	25
30				10,000 1,000 1.71		6,000 500 3.12	3,500 500 5.23	2,500 250 7.96	1,100 125 16.20	30
35				9,000 1,000 1.71		5,000 500 3.37	3,000 500 5.87	2,200 250 8.92		35
40				5,000 500 2.19		4,500 500 3.74	2,800 250 7.40	2,000 250 9.65		40
45				4,000 500 2.44		3,000 500 4.94	2,500 250 7.40	1,800 250 10.38		45
50				3,000 500 2.68		2,500 250 5.44	2,300 250 7.58	1,600 250 11.35		50
55										55
60										60
70										70
80										80
90										90
100										100

Zinc Plated (CR3) - preferred and available from stock.
Black (CR3) - non preferred and may be subject to a lead time and MOQ (M2.5 and above)

Zinc Plated (CR3) & Black (CR3) preferred and available from stock. See Page 219 for further detail.

PRODUCT CODE EXAMPLE

MSMTDRPAN40012ZC
MSMTDRPAN60030ZN

PRODUCT DESCRIPTION EXAMPLE

M4 x 12 T-Drive® Pan DIN 7985 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)
M6 x 30 T-Drive® Pan DIN 7985 Machine Screw Grade 4.8 Steel / Black (CR3)

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180° & 360° NYLOK® Blue Patching service available on M2 dia. and above.
See page 219 for further detail.
NYLOK® is a registered trade mark of NYLOK®.

SELF-TAPPING
SCREWS

SELF-DRILLING
SCREWS

TAP-FIX® THREAD
ROLLING SCREWS

ROLLED THREAD
MACHINE SCREWS

TAMPER PROOF
SECURITY SCREWS

HAMMER DRIVE
SCREWS

SCREWS FOR
PLASTICS

MICRO DIAMETER
SCREWS

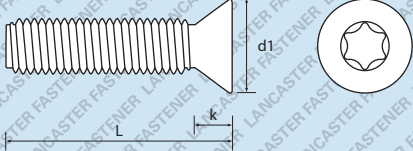
K-SERIES®
SETZMUTTERN

RIVET BUSHES &
SELF-CLINCHING
FASTENERS

CD WELD STUDS

BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA

SELF-TAPPING SCREWS	LANCASTER										DIN 965	
SELF-DRILLING SCREWS	ROLLED THREAD										T-Drive® (6-Lobe) Countersunk	
	Machine Screws										Steel / Zinc Plated (CR3)	
	GRADE 4.8										Steel / Black (CR3)	
											RoHS 2 Compliant	
TAP-FIX® THREAD ROLLING SCREWS												
ROLLED THREAD MACHINE SCREWS	All images are copyright protected										Further technical data is available on page 192	
TAMPER PROOF SECURITY SCREWS	Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread	
HAMMER DRIVE SCREWS	Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge	
	d1 - max	3.00	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	d1 - max	
	k - ref	0.96	1.20	1.50	1.65	1.93	2.20	2.50	3.00	4.00	k - ref	
SCREWS FOR PLASTICS	s - A/F	-	-	-	-	-	-	-	-	-	s - A/F	
	Recess	T5	T6	T8	T10	T15	T20	T25	T30	T40	Recess	
	L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm	
MICRO DIAMETER SCREWS	3	400,000 1,000 0.21									3	
	4	333,000 1,000 0.22	200,000 1,000 0.22	100,000 1,000 0.28	55,000 1,000 0.43						4	
	5	286,000 1,000 0.23	160,000 1,000 0.24	100,000 1,000 0.30	50,000 1,000 0.44		26,000 1,000 0.68				5	
	6	286,000 1,000 0.24	133,000 1,000 0.25	90,000 1,000 0.30	50,000 1,000 0.45		26,000 1,000 0.68	16,000 1,000 1.35			6	
K-SERIES® SETZMUTTERN	8		83,000 1,000 0.26	67,000 1,000 0.33	45,000 1,000 0.46		22,000 1,000 0.80	12,000 1,000 1.40	10,000 1,000 2.30		8	
	10		67,000 1,000 0.28	56,000 1,000 0.34	35,000 1,000 0.51		19,000 1,000 0.95	11,500 1,000 1.62	8,000 1,000 2.30		10	
	12		50,000 1,000 0.29	48,000 1,000 0.40	30,000 1,000 0.60		17,000 1,000 1.12	10,000 1,000 1.94	7,000 1,000 2.30	3,600 500 5.30	12	
	16		50,000 1,000 0.32	35,000 1,000 0.46	25,000 1,000 0.67		14,000 1,000 1.42	8,000 1,000 2.35	5,500 500 3.30	3,000 500 6.60	16	
RIVET BUSHES & SELF-CLINCHING FASTENERS	20			25,000 1,000 0.52	21,000 1,000 0.73		12,000 1,000 1.68	7,000 1,000 2.78	4,800 500 4.16	2,500 250 7.80	20	
	25			22,000 1,000 0.61	16,000 1,000 0.80		9,000 1,000 2.09	5,500 500 3.37	4,000 500 4.80		25	
	30				13,000 1,000 0.87		8,000 1,000 2.09	5,000 500 3.95	3,200 500 5.60		30	
	35				11,000 1,000 0.93		7,000 1,000 2.12	4,000 500 4.20	3,000 250 6.40		35	
CD WELD STUDS	40				7,500 1,000 1.00		5,000 500 2.22	3,600 500 5.21	2,500 250 7.20		40	
	45				6,000 1,000 1.07		4,500 500 2.32	3,200 250 5.71	1,800 250 6.40		45	
	50				4,000 500 1.14		3,500 500 2.42	2,000 250 5.99	1,800 250 6.40		50	
	55										55	
BRASS INSERTS	60										60	
	70										70	
	80										80	
	90										90	
TECHNICAL DATA	100										100	
Zinc Plated (CR3) - preferred and available from stock. Black (CR3) - non preferred and may be subject to a lead time and MOQ (M2.5 and above). Zinc Plated (CR3) & Black (CR3) preferred and available from stock. See Page 219 for further detail.												
PRODUCT CODE EXAMPLE MSMTDRCSK25005ZC MSMTDRCSK40012ZN PRODUCT DESCRIPTION EXAMPLE M2.5 x 5 T-Drive® Countersunk DIN 965 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3) M4 x 12 T-Drive® Countersunk DIN 965 Machine Screw Grade 4.8 Steel / Black (CR3)												
T-Drive® is a registered trade mark of Lancaster Fastener Co Ltd. E. & O. E. © 2018, Lancaster Fastener Co Ltd. 180° & 360° NYLOK® Blue Patching service available on M2 dia. and above. See page 219 for further detail. NYLOK® is a registered trade mark of NYLOK®.												
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LANCASTER

DIN 84

ROLLED THREAD

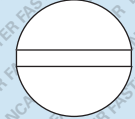
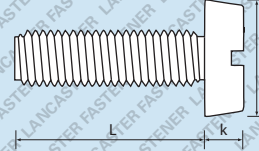
Machine Screws

GRADE 4.8

Slotted Cheese

Steel / Zinc Plated (CR3)
Steel / Black (CR3)

RoHS 2 Compliant



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Further technical data is available on page 192

Thread	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.80	4.50	5.50	6.00	7.00	8.50	10.00	13.00	16.00	d1 - max
k - ref	1.30	1.60	2.00	2.40	2.60	3.30	3.90	5.00	6.00	k - ref
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	-	-	-	-	-	-	-	-	-	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000								L- Length mm	
3									3	
4									4	
5									5	
6			36,000 1,000 0.51		19,000 1,000 1.00				6	
8			32,000 1,000 0.60		17,000 1,000 1.15	9,000 500 1.99			8	
10			28,000 1,000 0.68		15,000 1,000 1.29	8,000 500 2.24	5,500 250 3.44		10	
12			25,000 1,000 0.75		13,000 1,000 1.43	7,500 500 2.48			12	
14			23,000 1,000 0.84		12,000 1,000 1.59	7,000 500 2.71			14	
16			20,000 1,000 0.94		11,000 1,000 1.73	6,500 500 2.97			16	
20			15,000 1,000 1.11		10,000 1,000 2.02	5,500 250 3.41	3,500 250 5.14		20	
25					8,000 1,000 2.39	4,500 250 4.02	3,000 250 6.03		25	
30					6,000 500 2.76		2,500 250 6.88	1,000 125 13.37	30	
35					5,000 500 3.13	3,500 250 4.61			35	
40						3,000 250 5.76	2,000 250 8.57		40	
45									45	
50						2,500 250 6.93	1,750 250 10.29		50	
55									55	
60							1,500 250 11.90		60	
70						1,500 250 9.37			70	
80									80	
90									90	

Zinc Plated (CR3) - preferred and available from stock.
Black (CR3) - non preferred and may be subject to a lead time and MOQ.

See Page 219 for further detail.

PRODUCT CODE EXAMPLE

MSMSLCHS40008ZC
MSMSLCHS30006ZN

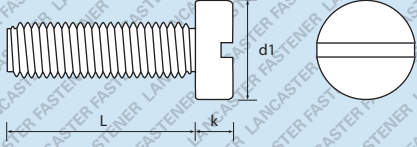
PRODUCT DESCRIPTION EXAMPLE

M4 x 8 Slotted Cheese Head DIN 84 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)
M3 x 6 Slotted Cheese Head DIN 84 Machine Screw Grade 4.8 Steel / Black (CR3)

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SELF-TAPPING SCREWS
SELF-DRILLING SCREWS
TAP-FIX® THREAD ROLLING SCREWS
ROLLED THREAD MACHINE SCREWS
TAMPER PROOF SECURITY SCREWS
HAMMER DRIVE SCREWS
SCREWS FOR PLASTICS
MICRO DIAMETER SCREWS
K-SERIES® SETZMUTTERN
RIVET BUSHES & SELF-CLINCHING FASTENERS
CD WELD STUDS
BRASS INSERTS FOR PLASTICS
TECHNICAL DATA

SELF-TAPPING SCREWS	LANCASTER										DIN 85	
SELF-DRILLING SCREWS	ROLLED THREAD										Slotted Pan	
TAP-FIX® THREAD ROLLING SCREWS	Machine Screws										Steel / Zinc Plated (CR3) Steel / Black (CR3)	
ROLLED THREAD MACHINE SCREWS	GRADE 4.8										RoHS 2 Compliant	
TAMPER PROOF SECURITY SCREWS												
HAMMER DRIVE SCREWS	All images are copyright protected										Further technical data is available on page 192	
SCREWS FOR PLASTICS	Thread	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10	Thread	
MICRO DIAMETER SCREWS	Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge	
	d1 - max	-	-	6.00	7.00	8.00	10.00	12.00	16.00	-	d1 - max	
	k - ref	-	-	1.80	2.10	2.40	3.00	3.60	4.80	-	k - ref	
	s - A/F	-	-	-	-	-	-	-	-	-	s - A/F	
K-SERIES® SETZMUTTERN	Recess	-	-	-	-	-	-	-	-	-	Recess	
	L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm	
RIVET BUSHES & SELF-CLINCHING FASTENERS	3										3	
	4										4	
	5										5	
	6			34,000	1,000	0.54					6	
CD WELD STUDS	8										8	
	10			22,000	1,000	0.71	12,000	1,000	1.43		10	
	12			21,000	1,000	0.78	11,000	1,000	1.57	4,000 250 4.42	12	
	16						10,000	500	1.88	3,400 250 5.09	16	
FOR PLASTICS	20										20	
	25					7,000	500	2.51	4,000	250	4.34	25
	30					6,000	500	2.88			30	
	35							3,000	250	5.49	35	
TECHNICAL DATA	40										40	
	45										45	
	50					2,500	250	4.35			50	
	55										55	
	60										60	
	70										70	
	80										80	
	90										90	
	100										100	
	Zinc Plated (CR3) - preferred and available from stock. Black (CR3) - non preferred and may be subject to a lead time and MOQ.											
	PRODUCT CODE EXAMPLE		PRODUCT DESCRIPTION EXAMPLE									
	MSMSLPAN30006ZC MSMSLPAN40010ZN		M3 x 6 Slotted Pan DIN 85 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3) M4 x 10 Slotted Pan DIN 85 Machine Screw Grade 4.8 Steel / Black (CR3)									
	180° & 360° NYLOK® Blue Patching service available. See page 219 for further detail. NYLOK® is a registered trade mark of NYLOK®.											
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ROLLED THREAD

Machine Screws

GRADE 4.8

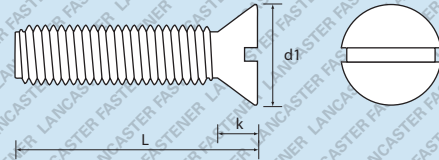
DIN 963

Slotted Countersunk

Steel / Zinc Plated (CR3)

Steel / Black (CR3)

RoHS 2 Compliant



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Further technical data is available on page 192

Thread	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	18.00	d1 - max
k - ref	1.20	1.50	1.65	1.93	2.20	2.50	3.00	4.00	5.00	k - ref
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	-	-	-	-	-	-	-	-	-	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3										3
4										4
5										5
6			50,000 1,000 0.36							6
8										8
10			35,000 1,000 0.52		19,000 1,000 0.99	11,500 500 1.58				10
12					17,000 1,000 1.30	10,000 500 1.80	7,000 500 2.71			12
16			25,000 1,000 0.77		14,000 1,000 1.45	8,000 500 2.37	5,500 500 3.36			16
20					12,000 1,000 1.74	6,000 500 2.84	4,800 250 4.04	2,500 250 7.72	1,250 125 12.72	20
25					9,000 500 2.10	5,500 500 3.43	4,000 250 4.86	2,000 250 9.15		25
30					8,000 500 2.47	5,000 500 4.01	3,200 250 5.73	1,800 250 10.76		30
35								900 125 20.11		35
40					5,000 500 3.15			1,400 250 13.86		40
45										45
50								1,000 125 16.92	600 125 27.55	50
55										55
60								500 125 19.84		60
70										70
80										80
90										90
100										100

Zinc Plated (CR3) - preferred and available from stock.
Black (CR3) - non preferred and may be subject to a lead time and MOQ.

See Page 219 for further detail.

PRODUCT CODE EXAMPLE

MSMSLCSK40016ZC
MSMSLCSK60030ZN

PRODUCT DESCRIPTION EXAMPLE

M4 x 16 Slotted Countersunk DIN 963 Machine Screw Grade 4.8 Steel / Zinc Plated (CR3)
M6 x 30 Slotted Countersunk DIN 963 Machine Screw Grade 4.8 Steel / Black (CR3)

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SCREWS

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TECHNICAL DATA

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SCREWSSELF-DRILLING
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SECURITY SCREWSHAMMER DRIVE
SCREWSSCREWS FOR
PLASTICSMICRO DIAMETER
SCREWSK-SERIES®
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FASTENERS

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BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA



LANCASTER

ROLLED THREAD

Machine Screws



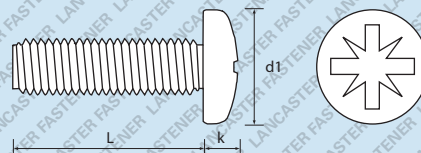
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DIN 7985

Cross Recess (Z) Pan

A2 - Stainless Steel

RoHS 2 Compliant



Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.20	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	1.42	1.72	2.12	2.52	2.82	3.25	3.95	4.75	6.15	k - max
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	0	1	1	1	2	2	2	3	4	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3	222,000 1,000 0.10									3
4	200,000 1,000 0.11	125,000 1,000 0.21	60,000 1,000 0.37	40,000 1,000 0.55						4
5	182,000 1,000 0.12	100,000 1,000 0.23	55,000 1,000 0.40	35,000 1,000 0.67	15,000 1,000 1.40					5
6	167,000 1,000 0.13	87,000 1,000 0.30	53,000 1,000 0.43	34,000 1,000 0.71	15,000 1,000 1.48	8,000 1,000 2.66				6
8	143,000 1,000 0.15	67,000 1,000 0.33	41,000 1,000 0.50	26,000 1,000 0.74	14,000 1,000 1.63	7,500 1,000 2.91	4,500 500 4.79			8
10		60,000 1,000 0.36	34,000 1,000 0.57	22,000 1,000 0.88	12,000 1,000 1.78	6,500 1,000 3.16	4,200 500 5.14			10
12		50,000 1,000 0.38	33,000 1,000 0.61	21,000 1,000 0.95	11,000 1,000 1.94	6,300 1,000 3.41	4,000 500 5.98			12
14		50,000 1,000 0.40								14
16		50,000 1,000 0.43	27,000 1,000 0.73	19,000 1,000 1.11	10,000 1,000 2.25	6,000 1,000 3.91	3,400 500 6.29			16
20			24,000 1,000 1.04	15,000 1,000 1.27	8,000 1,000 2.56	5,000 500 4.41	3,000 500 7.00			20
25			18,000 1,000 1.36	13,000 1,000 1.47	7,000 1,000 2.94	4,000 500 5.03	2,800 250 7.87			25
30				10,000 1,000 1.71	6,000 500 3.44	3,500 500 5.70	2,500 250 8.75			30
35				9,000 1,000 1.86		5,000 500 3.84	3,000 200 5.95	2,200 250 9.60		35
40				5,000 500 2.07		4,500 500 4.44	2,800 250 7.30	2,000 250 10.50		40
45				4,000 500 2.51		3,000 500 4.94	2,500 250 8.00	1,800 250 11.40		45
50				3,000 500 2.52		2,500 250 5.26	2,300 250 8.70	1,600 250 12.30		50
55										55
60								1,200 250 13.40		60
70										70
80										80
90										90
100										100

A2 - Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE

SSMSMZPAN20005A2

PRODUCT DESCRIPTION EXAMPLE

M2 x 5 Cross Recess (Z) Pan DIN 7985 Machine Screw A2 - Stainless Steel

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ROLLED THREAD

Machine Screws

DIN 965

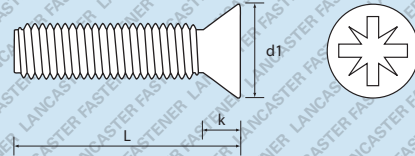
Cross Recess (Z) Countersunk

A2 - Stainless Steel

RoHS 2 Compliant



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Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.00	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	d1 - max
k - ref	0.96	1.20	1.50	1.65	1.93	2.20	2.50	3.00	4.00	k - ref
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	0	1	1	1	2	2	2	3	4	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3	400,000 1,000 0.06									3
4	200,000 1,000 0.12 100,000 1,000 0.21 55,000 1,000 0.27									4
5	160,000 1,000 0.14 100,000 1,000 0.24 50,000 1,000 0.34 26,000 1,000 0.68									5
6	133,000 1,000 0.15 90,000 1,000 0.27 50,000 1,000 0.38 26,000 1,000 0.75 16,000 1,000 1.21									6
8	83,000 1,000 0.19 67,000 1,000 0.33 45,000 1,000 0.47 22,000 1,000 0.91 12,000 1,000 1.45 10,000 1,000 2.08									8
10	67,000 1,000 0.23 56,000 1,000 0.39 35,000 1,000 0.56 19,000 1,000 1.06 11,500 1,000 1.70 8,000 1,000 2.54									10
12	50,000 1,000 0.27 48,000 1,000 0.45 30,000 1,000 0.64 17,000 1,000 1.22 10,000 1,000 1.95 7,000 1,000 2.60									12
16	50,000 1,000 0.34 35,000 1,000 0.57 25,000 1,000 0.82 14,000 1,000 1.53 8,000 1,000 2.44 5,500 1,000 3.60									16
20	25,000 1,000 0.69 21,000 1,000 1.00 12,000 1,000 1.84 7,000 1,000 2.94 4,800 500 4.31									20
25	22,000 1,000 0.84 16,000 1,000 1.03 9,000 1,000 2.22 5,500 500 3.55 4,000 500 5.19									25
30	13,000 1,000 1.68 8,000 1,000 2.61 5,000 500 4.16 3,200 500 6.08									30
35	11,000 1,000 1.57 7,000 1,000 3.00 4,000 500 4.65 3,000 250 6.96									35
40	8,000 1,000 1.78 5,000 500 3.39 3,600 500 5.40 2,500 250 7.84									40
45	6,000 1,000 2.00 4,500 500 3.79 3,200 500 6.02 1,800 250 8.73									45
50	5,000 500 2.20 3,500 500 4.20 2,000 500 6.64 1,800 250 9.60									50
55										55
60										60
70										70
80										80
90										90
100										100

A2 - Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE

SSMSMZCSK16006A2

PRODUCT DESCRIPTION EXAMPLE

M1.6 x 6 Cross Recess (Z) Countersunk DIN 965 Machine Screw A2 - Stainless Steel

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TECHNICAL DATA

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FOR PLASTICS

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BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA



LANCASTER

ROLLED THREAD

Machine Screws



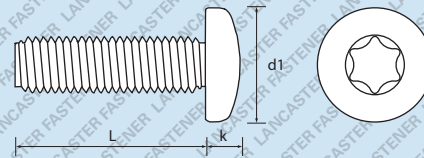
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DIN 7985

T-Drive® (6-Lobe) Pan

A2 - Stainless Steel

RoHS 2 Compliant



Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.20	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	1.42	1.72	2.12	2.52	2.82	3.25	3.95	4.75	6.15	k - max
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	T5	T6	T8	T10	T15	T20	T25	T30	T40	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3	222,000 1,000 0.05	156,000 1,000 0.20	116,000 1,000 0.40							3
4	200,000 1,000 0.06	125,000 1,000 0.23	60,000 1,000 0.43	40,000 1,000 0.55						4
5	182,000 1,000 0.07	100,000 1,000 0.30	55,000 1,000 0.45	35,000 1,000 0.62	15,000 1,000 1.24					5
6	167,000 1,000 0.11	87,000 1,000 0.32	53,000 1,000 0.47	34,000 1,000 0.66	15,000 1,000 1.32	8,000 1,000 2.66				6
8	143,000 1,000 0.12	67,000 1,000 0.40	41,000 1,000 0.50	26,000 1,000 0.80	14,000 1,000 1.63	7,500 1,000 2.91	4,500 500 4.42			8
10	50,000 1,000 0.13	60,000 1,000 0.45	34,000 1,000 0.60	22,000 1,000 0.88	12,000 1,000 1.79	6,500 1,000 3.16	4,200 500 5.14			10
12		50,000 1,000 0.50	33,000 1,000 0.65	21,000 1,000 0.89	11,000 1,000 1.94	6,300 1,000 3.41	4,000 500 5.49			12
16			27,000 1,000 0.70	19,000 1,000 1.11	10,000 1,000 2.06	6,000 500 3.91	3,400 500 6.29			16
20			24,000 1,000 0.90	15,000 1,000 1.24	8,000 1,000 2.56	5,000 500 4.41	3,000 500 7.00			20
25			18,000 1,000 1.00	13,000 1,000 1.43	7,000 1,000 2.94	4,000 500 5.03	2,800 250 7.87			25
30				10,000 1,000 1.66	6,000 500 3.44	3,500 500 5.70	2,500 250 8.75			30
35				9,000 1,000 1.86	5,000 500 3.94	3,000 500 6.37	2,200 250 9.63			35
40				5,000 500 2.09	4,500 500 4.24	2,800 250 7.04	2,000 250 10.51			40
45				4,000 500 2.31	3,000 500 4.25	2,500 250 7.04	1,800 250 10.66			45
50				3,000 500 2.51	2,500 250 5.44	2,300 250 7.71	1,600 250 11.39			50
55										55
60										60
70										70
80										80
90										90
100										100

A2 - Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE

SSMSMTDRPAN50008A2

PRODUCT DESCRIPTION EXAMPLE

M5 x 8 T-Drive® Pan DIN 7985 Machine Screw A2 - Stainless Steel

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DIN 965

ROLLED THREAD

Machine Screws

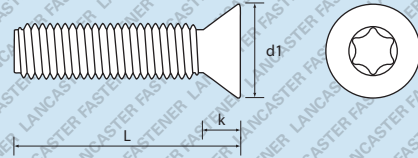
T-Drive® (6-Lobe) Countersunk

A2 - Stainless Steel

RoHS 2 Compliant



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Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.00	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	d1 - max
k - ref	0.96	1.20	1.50	1.65	1.93	2.20	2.50	3.00	4.00	k - ref
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	T5	T6	T8	T10	T15	T20	T25	T30	T40	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3	400,000 1,000 0.05									3
4	333,000 1,000 0.05	200,000 1,000 0.10	100,000 1,000 0.20	59,000 1,000 0.26						4
5	286,000 1,000 0.06	160,000 1,000 0.12	100,000 1,000 0.25	50,000 1,000 0.34		26,000 1,000 0.59				5
6	286,000 1,000 0.06	133,000 1,000 0.13	90,000 1,000 0.30	50,000 1,000 0.36		26,000 1,000 0.75	16,000 1,000 1.21			6
8		73,000 1,000 0.20	67,000 1,000 0.35	45,000 1,000 0.41		22,000 1,000 0.82	12,000 1,000 1.45	10,000 1,000 2.16		8
10		67,000 1,000 0.25	56,000 1,000 0.40	35,000 1,000 0.56		19,000 1,000 0.96	11,500 1,000 1.59	8,000 1,000 2.54		10
12		50,000 1,000 0.30	48,000 1,000 0.50	30,000 1,000 0.64		17,000 1,000 1.22	10,000 1,000 1.95	7,000 1,000 2.62		12
16		50,000 1,000 0.35	35,000 1,000 0.60	25,000 1,000 0.82		14,000 1,000 1.41	8,000 1,000 2.44	5,500 1,000 3.60		16
20			25,000 1,000 0.70	21,000 1,000 0.91		12,000 1,000 1.84	7,000 1,000 2.94	4,800 500 4.31		20
25			22,000 1,000 0.74	16,000 1,000 1.11		9,000 1,000 2.22	5,500 500 3.55	4,000 500 5.19		25
30				14,000 1,000 1.36		8,000 1,000 2.44	5,000 500 4.16	3,200 500 6.08		30
35				10,000 1,000 1.57		7,000 1,000 2.82	4,000 500 4.77	3,000 250 6.97		35
40				8,000 1,000 1.78		5,000 500 3.18	3,600 500 5.38	2,500 250 7.86		40
45				7,000 1,000 2.00		4,500 500 3.55	3,200 250 5.74	1,800 250 8.37		45
50				5,000 500 2.21		3,500 500 3.95	2,000 500 6.29	1,800 250 9.28		50
55										55
60										60
70										70
80										80
90										90
100										100

A2 - Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE

SSMSMTDRCSK40025A2

PRODUCT DESCRIPTION EXAMPLE

M4 x 25 T-Drive® Countersunk DIN 965 Machine Screw A2 - Stainless Steel

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FOR PLASTICS

TECHNICAL DATA

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CD WELD STUDS

BRASS INSERTS
FOR PLASTICS

TECHNICAL DATA



LANCASTER

ROLLED THREAD

Machine Screws



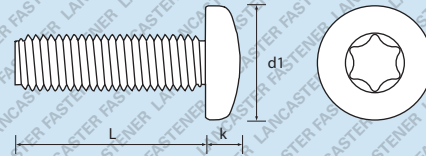
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DIN 7985

T-Drive® (6-Lobe) Pan
Stainless Steel

A 4 - 80

RoHS 2 Compliant



Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.20	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	1.42	1.72	2.12	2.52	2.82	3.25	3.95	4.75	6.15	k - max
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	T5	T6	T8	T10	T15	T20	T25	T30	T40	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3										3
4										4
5						15,000 1,000 1.24				5
6				34,000 1,000 0.66		15,000 1,000 1.32	8,000 1,000 2.66			6
8				26,000 1,000 0.80		14,000 1,000 1.63	7,500 1,000 2.91	4,500 500 4.42		8
10				22,000 1,000 0.88		12,000 1,000 1.79	6,500 1,000 3.16	4,200 500 5.14		10
12				21,000 1,000 0.89		11,000 1,000 1.94	6,300 1,000 3.41	4,000 500 5.49		12
16				19,000 1,000 1.11		10,000 1,000 2.06	6,000 500 3.91	3,400 500 6.29		16
20				15,000 1,000 1.24		8,000 1,000 2.56	5,000 500 4.41	3,000 500 7.00		20
25						7,000 1,000 2.94	4,000 500 5.03	2,800 250 7.87		25
30							3,500 500 5.70	2,500 250 8.75		30
35										35
40										40
45										45
50										50
55										55
60										60
70										70
80										80
90										90
100										100

☐ A4-80 - Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE

SSMSMTDRPAN50008A4

PRODUCT DESCRIPTION EXAMPLE

M5 x 8 T-Drive® Pan DIN 7985 Machine Screw A4-80 - Stainless Steel

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t: +44 (0) 1524 389 232

f: +44 (0) 1524 66367

enquiries@lancasterfastener.co.uk

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LANCASTER

ROLLED THREAD

Machine Screws

DIN 965

T-Drive® (6-Lobe) Countersunk

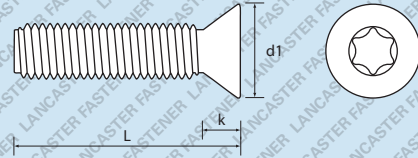
A4 - 80

Stainless Steel

RoHS 2 Compliant



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Further technical data is available on page 192

Thread	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Thread
Dia. Gauge	-	-	-	-	-	-	-	-	-	Dia. Gauge
d1 - max	3.00	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	d1 - max
k - ref	0.96	1.20	1.50	1.65	1.93	2.20	2.50	3.00	4.00	k - ref
s - A/F	-	-	-	-	-	-	-	-	-	s - A/F
Recess	T5	T6	T8	T10	T15	T20	T25	T30	T40	Recess
L- Length mm	Bulk Carton Quantity Small Box Quantity Weight (KG) per 1,000									L- Length mm
3										3
4										4
5										5
6				50,000 1,000 0.36		26,000 1,000 0.75	16,000 1,000 1.21			6
8				45,000 1,000 0.41		22,000 1,000 0.82	12,000 1,000 1.45	10,000 1,000 2.16		8
10				35,000 1,000 0.56		19,000 1,000 0.96	11,500 1,000 1.59	8,000 1,000 2.54		10
12				30,000 1,000 0.64		17,000 1,000 1.22	10,000 1,000 1.95	7,000 1,000 2.62		12
16				25,000 1,000 0.82		14,000 1,000 1.41	8,000 1,000 2.44	5,500 1,000 3.60		16
20				21,000 1,000 0.91		12,000 1,000 1.84	7,000 1,000 2.94	4,800 500 4.31		20
25						9,000 1,000 2.22	5,500 500 3.55	4,000 500 5.19		25
30							5,000 500 4.16	3,200 500 6.08		30
35										35
40										40
45										45
50										50
55										55
60										60
70										70
80										80
90										90
100										100

A4-80 - Stainless Steel - preferred and available from stock.

PRODUCT CODE EXAMPLE

SSMSMTDRCSK40025A4

PRODUCT DESCRIPTION EXAMPLE

M4 x 25 T-Drive® Countersunk DIN 965 Machine Screw A4-80 - Stainless Steel

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TECHNICAL DATA

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