



TAP-FIX®

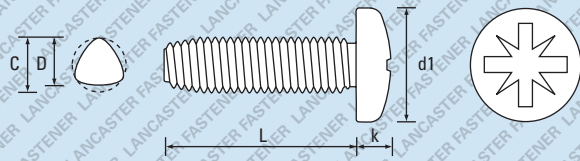
Thread Rolling Screws

FOR METAL

Cross Recess (Z) Pan

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

RoHS 2 Compliant



FORM CE ISO 7045

Further technical data is available on page 238

Dia. D max	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Dia. D max
Dia. C max	2.06	2.57	3.07	3.58	4.08	5.09	6.10	8.13	Dia. C max
d1 - max	4.00	5.00	5.60	7.00	8.00	9.50	12.00	16.00	d1 - max
k - max	1.60	2.10	2.40	2.60	3.10	3.70	4.60	6.00	k - max
s - A/F	-	-	-	-	-	-	-	-	s - A/F
Recess	0	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						
4										4						
5			33,000	1,000	0.59					5						
6			33,000	1,000	0.61		15,000	1,000	1.29	6						
7										7						
8			30,000	1,000	0.71		14,000	1,000	1.44	7,500	1,000	2.49	8			
10			25,000	1,000	0.79		12,000	1,000	1.50	7,000	1,000	2.78	4,500	500	4.47	10
12			22,000	1,000	0.86		11,000	1,000	1.72	6,000	1,000	3.06	4,000	500	4.85	12
14							10,000	1,000	1.92							14
16			18,000	1,000	1.04		9,000	1,000	2.00	5,500	1,000	3.48	3,700	500	5.43	16
18																18
20			15,000	1,000	1.22		8,000	1,000	2.28	5,000	500	3.93	3,000	500	6.16	20
25							7,000	1,000	2.66	4,000	500	4.52				25
30			10,000	1,000	1.61		6,000	500	3.09	3,500	500	5.05	2,500	250	7.81	30
35										3,500	500	5.70				35
40										2,000	250	6.28				40
45																45
50																50

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

See page 287 for further detail.

PRODUCT CODE EXAMPLE

PRODUCT DESCRIPTION EXAMPLE

TTIWZPAN40016ZC  
TTIWZPAN30008ZN

M4 x 16 Cross Recess (Z) Pan DIN 7500 FORM CE ISO 7045 Tap-Fix® Screw Steel / Zinc Plated (CR3)  
M3 x 8 Cross Recess (Z) Pan DIN 7500 FORM CE ISO 7045 Tap-Fix® Screw Steel / Black (CR3)

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LANCASTER

ISO / DIN 7500

TAP-FIX®

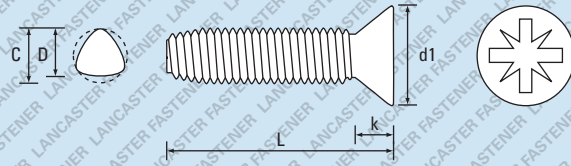
# Thread Rolling Screws

FOR METAL

Cross Recess (Z) Countersunk

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

RoHS 2 Compliant



## FORM ME ISO 7046-2

Further technical data is available on page 238

Dia. D max	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Dia. D max
Dia. C max	2.06	2.57	3.07	3.58	4.08	5.09	6.10	8.13	Dia. C max
d1 - max	3.80	4.70	5.50	7.30	8.40	9.30	11.30	15.80	d1 - max
k - ref	1.20	1.50	1.65	2.35	2.70	2.70	3.30	4.65	k - ref
s - A/F	-	-	-	-	-	-	-	-	s - A/F
Recess	0	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
4									4
5									5
6			65,000   1,000   0.32						6
7									7
8			44,000   1,000   0.45		26,000   1,000   0.76	15,000   1,000   1.30			8
10			38,000   1,000   0.55		20,000   1,000   0.92	12,000   1,000   1.52	9,000   1,000   2.15		10
12			33,000   1,000   0.64		20,000   1,000   1.03	10,500   1,000   1.75	8,000   1,000   2.54		12
14									14
16			25,000   1,000   0.78		15,000   1,000   1.38	9,000   1,000   2.23	6,000   1,000   3.30		16
18									18
20					12,000   1,000   1.65	7,500   1,000   2.70	5,000   500   3.94		20
25					9,000   1,000   2.05	6,000   1,000   3.36	4,000   500   4.86		25
30					9,000   1,000   2.45		3,000   250   5.43		30
35							2,500   250   6.53		35
40									40
45									45
50									50

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

See page 267 for further detail.

### PRODUCT CODE EXAMPLE

TTIWZCSK30006ZC  
TTIWZCSK40010ZN

### PRODUCT DESCRIPTION EXAMPLE

M3 x 6 Cross Recess (Z) Countersunk DIN 7500 FORM ME ISO 7046-2 Tap-Fix® Screw Steel / Zinc Plated (CR3)  
M4 x 10 Cross Recess (Z) Countersunk DIN 7500 FORM ME ISO 7046-2 Tap-Fix® Screw Steel / Black (CR3)

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Carbon Steel Product Ranges

Stainless Steel Product Ranges

Brass Product Ranges

Technical Data



LANCASTER

ISO / DIN 7500

TAP-FIX®

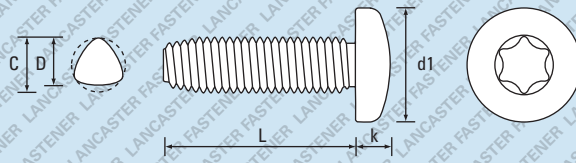
# Thread Rolling Screws

FOR METAL

T-Drive® (6-Lobe) Pan

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

RoHS 2 Compliant



## FORM PE ISO 14583

Further technical data is available on page 238

Dia. D max	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Dia. D max
Dia. C max	2.06	2.57	3.07	3.58	4.08	5.09	6.10	8.13	Dia. C max
d1 - max	4.00	5.00	5.60	7.00	8.00	9.50	12.00	16.00	d1 - max
k - max	1.60	2.10	2.40	2.60	3.10	3.70	4.60	6.00	k - max
s - A/F	-	-	-	-	-	-	-	-	s - A/F
Recess	T6	T8	T10	T15	T20	T25	T30	T45	Recess
L- Length mm	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000								L- Length mm
4									4
5			33,000   1,000   0.59		15,000   1,000   1.25				5
6			33,000   1,000   0.64		15,000   1,000   1.29	8,000   1,000   2.38			6
7									7
8			30,000   1,000   0.72		14,000   1,000   1.34	7,500   1,000   2.49	4,500   500   4.24		8
10			25,000   1,000   0.79		12,000   1,000   1.50	7,000   1,000   2.78	4,500   500   4.47		10
12			22,000   1,000   0.86		11,000   1,000   1.72	6,000   1,000   3.06	4,000   500   4.85		12
14					10,000   1,000   1.92				14
16			18,000   1,000   1.04		9,000   1,000   2.00	5,500   1,000   3.48	3,700   500   5.43		16
18									18
20			15,000   1,000   1.22		8,000   1,000   2.08	5,000   500   3.93	3,000   500   6.16		20
25			13,000   1,000   1.40		7,000   1,000   2.66	4,000   500   4.52	3,000   500   6.92		25
30			10,000   1,000   1.61		6,000   1,000   3.02	3,500   500   5.05	2,500   250   7.81		30
35						3,000   500   5.73	2,200   250   8.68		35
40					4,800   500   3.71	2,000   250   6.30	2,000   250   9.65		40
45									45
50									50

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

See page 287 for further detail.

### PRODUCT CODE EXAMPLE

TTIWTXPAN40020ZC  
TTIWTXPAN50016ZN

### PRODUCT DESCRIPTION EXAMPLE

M4 x 20 T-Drive® Pan DIN 7500 FORM PE ISO 14583 Tap-Fix® Screw Steel / Zinc Plated (CR3)  
M5 x 16 T-Drive® Pan DIN 7500 FORM PE ISO 14583 Tap-Fix® Screw Steel / Black (CR3)

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LANCASTER

ISO / DIN 7500

TAP-FIX®

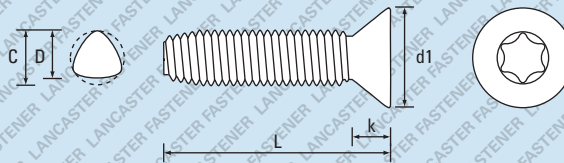
# Thread Rolling Screws

FOR METAL

T-Drive® (6-Lobe) Countersunk

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

RoHS 2 Compliant



## FORM ME ISO 14581

Further technical data is available on page 238

Dia. D max	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Dia. D max
Dia. C max	2.06	2.57	3.07	3.58	4.08	5.09	6.10	8.13	Dia. C max
d1 max	3.80	4.70	5.50	7.30	8.40	9.30	11.30	15.80	d1 max
k - ref	1.20	1.50	1.65	2.35	2.70	2.70	3.30	4.65	k - ref
s - A/F	-	-	-	-	-	-	-	-	s - A/F
Recess	T6	T8	T10	T15	T20	T25	T30	T45	Recess
L- Length mm	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000								L- Length mm
4									4
5									5
6			65,000   1,000   0.32			30,000   1,000   0.60			6
7									7
8			44,000   1,000   0.45			26,000   1,000   0.76	15,000   1,000   1.19		8
10			38,000   1,000   0.55			20,000   1,000   0.92	12,000   1,000   1.48	9,000   1,000   2.08	10
12			33,000   1,000   0.64			20,000   1,000   1.03	10,500   1,000   1.75	8,000   1,000   2.62	12
14									14
16			25,000   1,000   0.78			15,000   1,000   1.38	9,000   1,000   2.23	6,000   1,000   3.30	16
18									18
20					12,000   1,000   1.65	7,500   1,000   2.70	5,000   500   3.94		20
25						6,000   1,000   3.36	4,000   500   4.86		25
30						4,000   500   3.85	3,000   250   5.61		30
35						4,000   500   4.48			35
40							2,400   250   6.53		40
45									45
50							1,500   250   8.87		50

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

See page 267 for further detail.

### PRODUCT CODE EXAMPLE

TTIWTXCSK60012ZC  
TTIWTXCSK40012ZN

### PRODUCT DESCRIPTION EXAMPLE

M6 x 12 T-Drive® Countersunk DIN 7500 FORM ME ISO 14581 Tap-Fix® Screw Steel / Zinc Plated (CR3)  
M4 x 12 T-Drive® Countersunk DIN 7500 FORM ME ISO 14581 Tap-Fix® Screw Steel / Black (CR3)

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Carbon Steel Product Ranges

Stainless Steel Product Ranges

Brass Product Ranges

Technical Data

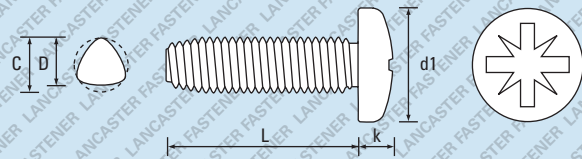
TAP-FIX®

# Thread Rolling Screws

FOR METAL

**Cross Recess (Z) Pan**
**Steel / Zinc Plated (CR3) & Lubricated & Steel / Black (CR3)**

RoHS 2 Compliant



Also available in A2 Stainless Steel - See page 166

Further technical data is available on page 239

**FORM C DIN 7985**

Dia. D max	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Dia. D max
Dia. C max	2.06	2.57	3.07	3.58	4.08	5.09	6.10	8.13	Dia. C max
d1 - max	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	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	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
	4	120,000   1,000   0.18	60,000   1,000   0.31	35,000   1,000   0.52					
5	110,000   1,000   0.19	55,000   1,000   0.35	33,000   1,000   0.59						5
6	90,000   1,000   0.20	50,000   1,000   0.39	33,000   1,000   0.61	24,000   1,000   0.89	15,000   1,000   1.29	8,000   1,000   2.38			6
7									7
8	85,000   1,000   0.23	45,000   1,000   0.45	30,000   1,000   0.71	21,000   1,000   1.00	14,000   1,000   1.44	7,500   1,000   2.49	4,500   500   4.10		8
10	75,000   1,000   0.27	45,000   1,000   0.49	25,000   1,000   0.79	19,000   1,000   1.10	12,000   1,000   1.50	7,000   1,000   2.78	4,500   500   4.47		10
12			22,000   1,000   0.86	16,000   1,000   1.23	11,000   1,000   1.72	6,000   1,000   3.06	4,000   500   4.85		12
14		30,000   1,000   0.59	19,000   1,000   0.97						14
16		29,000   1,000   0.68	18,000   1,000   1.04	14,000   1,000   1.45	9,000   1,000   2.00	5,500   1,000   3.48	3,700   500   5.43		16
18									18
20			15,000   1,000   1.22	10,000   1,000   1.70	8,000   1,000   2.28	5,000   500   3.93	3,000   500   6.16	1,500   250   12.18	20
25			13,000   1,000   1.43	10,000   1,000   1.93	7,000   1,000   2.66	4,000   500   4.52	3,000   500   6.92		25
30			10,000   1,000   1.61		6,000   500   3.09	3,500   500   5.05	2,500   250   7.81		30
35					5,000   500   3.49	3,500   500   5.70	2,000   250   8.73		35
40					4,800   500   3.71	2,000   250   6.28	2,000   250   9.65		40
45									45
50							1,500   250   11.06		50

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

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

See page 287 for further detail.

**PRODUCT CODE EXAMPLE**

 TTMWZPAN40016ZC  
 TTMWZPAN30008ZN

**PRODUCT DESCRIPTION EXAMPLE**

 M4 x 16 Cross Recess (Z) Pan DIN 7500 FORM C Tap-Fix® Screw Steel / Zinc Plated (CR3)  
 M3 x 8 Cross Recess (Z) Pan DIN 7500 FORM C Tap-Fix® Screw Steel / Black (CR3)

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**LANCASTER****DIN 7500**

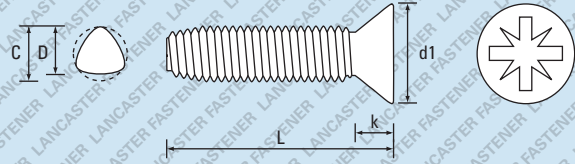
TAP-FIX®

# Thread Rolling Screws

FOR METAL

**Cross Recess (Z) Countersunk****Steel / Zinc Plated (CR3) & Lubricated & Steel / Black (CR3)**

RoHS 2 Compliant



Also available in A2 Stainless Steel - See page 167

**FORM M DIN 965**

Further technical data is available on page 239

Dia. D max	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Dia. D max
Dia. C max	2.06	2.57	3.07	3.58	4.08	5.09	6.10	8.13	Dia. C max
d1 - max	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	d1 - max
k - ref	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	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
4									4
5									5
6	90,000   1,000   0.22	65,000   1,000   0.32	40,000   1,000   0.44	30,000   1,000   0.60					6
7									7
8	75,000   1,000   0.28	44,000   1,000   0.45	35,000   1,000   0.58	26,000   1,000   0.76	15,000   1,000   1.30				8
10	50,000   1,000   0.34	38,000   1,000   0.55	30,000   1,000   0.71	20,000   1,000   0.92	12,000   1,000   1.52	9,000   1,000   2.15			10
12									12
14									14
16	25,000   1,000   0.78	20,000   1,000   1.10	15,000   1,000   1.38	9,000   1,000   2.23	6,000   1,000   3.30	3,000   500   6.88			16
18									18
20									20
25									25
30									30
35									35
40									40
45									45
50									50

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

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

See page 267 for further detail.

**PRODUCT CODE EXAMPLE**

TTMWZCSK25006ZC  
 TTMWZCSK40010ZN

**PRODUCT DESCRIPTION EXAMPLE**

M2.5 x 6 Cross Recess (Z) Countersunk DIN 7500 FORM M Tap-Fix® Screw Steel / Zinc Plated (CR3)  
 M4 x 10 Cross Recess (Z) Countersunk DIN 7500 FORM M Tap-Fix® Screw Steel / Black (CR3)

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LANCASTER

DIN 7500

TAP-FIX®

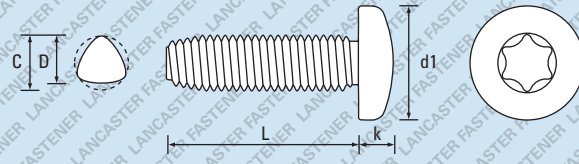
# Thread Rolling Screws

FOR METAL

T-Drive® (6-Lobe) Pan

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

RoHS 2 Compliant



Also available in A2 Stainless Steel - See page 168

Further technical data is available on page 239

## FORM C DIN 7985

Dia. D max	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Dia. D max
Dia. C max	2.06	2.57	3.07	3.58	4.08	5.09	6.10	8.13	Dia. C max
d1 - max	4.00	5.00	6.00	7.00	8.00	10.00	12.00	16.00	d1 - max
k - max	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	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
	4	100,000   1,000   0.19	60,000   1,000   0.31	35,000   1,000   0.54					
5		55,000   1,000   0.35	33,000   1,000   0.59						5
6	90,000   1,000   0.20	50,000   1,000   0.39	33,000   1,000   0.64	24,000   1,000   0.89	15,000   1,000   1.29	8,000   1,000   2.38			6
7									7
8	85,000   1,000   0.25	45,000   1,000   0.45	30,000   1,000   0.72	21,000   1,000   1.00	14,000   1,000   1.34	7,500   1,000   2.49	4,500   500   4.24		8
10		45,000   1,000   0.50	25,000   1,000   0.79	19,000   1,000   1.10	12,000   1,000   1.50	7,000   1,000   2.78	4,500   500   4.47		10
12	65,000   1,000   0.32	35,000   1,000   0.56	22,000   1,000   0.86	16,000   1,000   1.23	11,000   1,000   1.72	6,000   1,000   3.06	4,000   500   4.85	2,000   250   10.63	12
14			19,000   1,000   0.94		10,000   1,000   1.92				14
16		29,000   1,000   0.67	18,000   1,000   1.04		9,000   1,000   2.00	5,500   1,000   3.48	3,700   500   5.43		16
18						5,000   500   3.80			18
20			15,000   1,000   1.22		8,000   1,000   2.08	5,000   500   3.93	3,000   500   6.16	1,500   250   13.05	20
25			13,000   1,000   1.40		7,000   1,000   2.66	4,000   500   4.52	3,000   500   6.92	1,000   125   14.35	25
30			10,000   1,000   1.61		6,000   1,000   3.02	3,500   500   5.05	2,500   250   7.81	1,000   125   16.35	30
35					5,000   500   3.42	3,000   500   5.73	2,200   250   8.68		35
40						2,000   250   6.30	2,000   250   9.65		40
45									45
50							1,500   250   11.20		50

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

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

See page 267 for further detail.

### PRODUCT CODE EXAMPLE

TTMWTPAN40020ZC  
TTMWTPAN50016ZN

### PRODUCT DESCRIPTION EXAMPLE

M4 x 20 T-Drive® Pan DIN 7500 FORM C Tap-Fix® Screw Steel / Zinc Plated (CR3)  
M5 x 16 T-Drive® Pan DIN 7500 FORM C Tap-Fix® Screw Steel / Black (CR3)

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Carbon Steel Product Ranges

Stainless Steel Product Ranges

Brass Product Ranges

Technical Data

**LANCASTER****DIN 7500**

TAP-FIX®

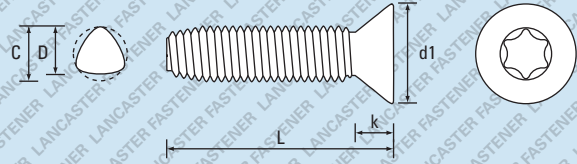
**Thread Rolling Screws**

FOR METAL

**T-Drive® (6-Lobe) Countersunk**

Steel / Zinc Plated (CR3) &amp; Lubricated &amp; Steel / Black (CR3)

RoHS 2 Compliant



Also available in A2 Stainless Steel - See page 169

**FORM M DIN 965**

Further technical data is available on page 239

Dia. D max	M2	M2.5	M3	M3.5	M4	M5	M6	M8	Dia. D max
Dia. C max	2.06	2.57	3.07	3.58	4.08	5.09	6.10	8.13	Dia. C max
d1 max	3.80	4.70	5.60	6.50	7.50	9.20	11.00	14.50	d1 max
k - ref	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	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
4	85,000   1,000   0.22								4
5	70,000   1,000   0.26								5
6	150,000   1,000   0.13	90,000   1,000   0.22	65,000   1,000   0.32	30,000   1,000   0.60			6		
7	75,000   1,000   0.28								7
8	75,000   1,000   0.28	44,000   1,000   0.45	35,000   1,000   0.58	26,000   1,000   0.76	15,000   1,000   1.19	8			
10	50,000   1,000   0.32	38,000   1,000   0.55	20,000   1,000   0.92			12,000   1,000   1.48	9,000   1,000   2.08	10	
12	33,000   1,000   0.64								12
14	20,000   1,000   1.03								14
16	25,000   1,000   0.77								16
18	15,000   1,000   1.38								18
20	9,000   1,000   2.23								20
25	12,000   1,000   1.65								25
30	7,500   1,000   2.70								30
35	5,000   500   3.94								35
40	2,000   250   7.19								40
45	12,000   1,000   1.95								45
50	9,000   1,000   1.95								50
50	6,000   500   2.33								50
50	4,000   500   3.85								50
50	3,000   250   5.61								50
50	1,500   125   10.14								50
50	6,000   500   2.68								50
50	2,500   250   6.53								50
50	1,000   125   13.16								50
50	1,500   250   8.87								50
50	1,000   125   16.32								50

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

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

See page 267 for further detail.

**PRODUCT CODE EXAMPLE**

TTMWTXCSK60012ZC  
 TTMWTXCSK40012ZN

**PRODUCT DESCRIPTION EXAMPLE**

M6 x 12 T-Drive® Countersunk DIN 7500 FORM M Tap-Fix® Screw Steel / Zinc Plated (CR3)  
 M4 x 12 T-Drive® Countersunk DIN 7500 FORM M Tap-Fix® Screw Steel / Black (CR3)

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LANCASTER

DIN 7500

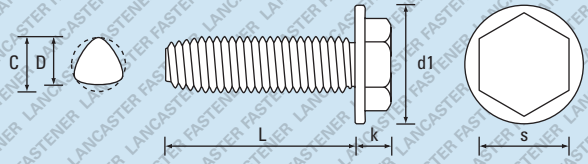
TAP-FIX®

# Thread Rolling Screws

Washer Hexagon  
Steel / Zinc Plated (CR3) & Lubricated & Steel / Black (CR3)

RoHS 2 Compliant

FOR METAL



Also available in A2 Stainless Steel - See page 170

Further technical data is available on page 239

## FORM D / DE SIMILAR

Dia. D max	M3	M4	M4	M5	M6	M8	M10	-	Dia. D max	
Dia. C max	3.07	4.08	4.08	5.09	6.10	8.13	10.15	-	Dia. C max	
d1 - max	6.30	8.30	8.80	10.40	13.00	16.90	22.10	-	d1 - max	
k - max	2.40	3.50	4.10	4.50	5.20	7.00	9.00	-	k - max	
s - A/F max	5.00	5.50	7.00	8.00	10.00	13.00	17.00	-	s - A/F max	
Recess	-	-	-	-	-	-	-	-	Recess	
L- Length mm	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000								L- Length mm	
5									5	
6	35,000   1,000   0.60	13,000   1,000   1.08						6		
7									7	
8	30,000   1,000   0.69	12,000   1,000   1.67	8,000   1,000   2.63	5,000   500   4.14					8	
10	25,000   1,000   0.80	10,500   1,000   1.86	7,000   1,000   2.76	4,500   500   4.38					10	
12	20,000   1,000   0.90	10,000   1,000   2.02	6,500   1,000   2.93	4,000   500   4.80	2,000   250   9.85				12	
16	9,000   1,000   2.38	9,000   1,000   2.38	5,500   1,000   3.44	3,500   500   5.42	1,800   250   11.15	1,000   125   22.56			16	
20	17,000   1,000   1.32	8,000   1,000   2.70	5,000   500   3.96	3,000   500   6.42	1,500   250   12.45	750   125   24.20			20	
25			4,000   500   4.60	2,500   250   7.02	1,500   250   14.08	700   125   26.60			25	
30			3,500   500   5.24	2,500   250   7.96	1,200   125   15.55	500   125   29.20			30	
35					2,000   250   8.88	1,000   125   16.90			35	
40					1,700   250   9.61	1,000   125   18.80	500   100   34.20			40
45									45	
50					1,200   125   11.40	900   125   21.32	500   50   39.00			50
55									55	
60							700   100   25.20			60
-									-	

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

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

See page 287 for further detail.

### PRODUCT CODE EXAMPLE

TTMWWHX99030ZC  
TTMWWHX60020ZN

### PRODUCT DESCRIPTION EXAMPLE

M10 x 30 Washer Hexagon DIN 7500 FORM D / DE Similar Tap-Fix® Screw Steel / Zinc Plated (CR3)  
M6 x 20 Washer Hexagon DIN 7500 FORM D / DE Similar Tap-Fix® Screw Steel / Black (CR3)

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Carbon Steel Product Ranges

Stainless Steel Product Ranges

Brass Product Ranges

Technical Data



TAP-FIX®

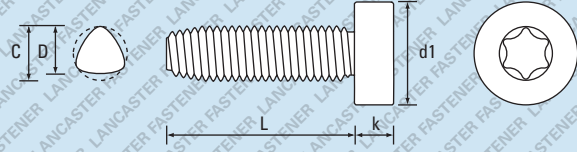
## Thread Rolling Screws

FOR METAL

T-Drive® (6-Lobe) Socket Cap

Steel / Zinc Plated (CR3) &amp; Lubricated

RoHS 2 Compliant



## FORM E / EE SIMILAR

Further technical data is available on page 239

Dia. D max	M4	M5	M6	M8	M10	-	-	-	Dia. D max
Dia. C max	4.08	5.09	6.10	8.13	10.15	-	-	-	Dia. C max
d1 - max	7.00	8.50	10.00	13.00	16.00	-	-	-	d1 - max
k - max	4.00	5.00	6.00	8.00	10.00	-	-	-	k - max
s - A/F	-	-	-	-	-	-	-	-	s - A/F
Recess	T20	T25	T30	T40	T50	-	-	-	Recess
L- Length mm	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000								L- Length mm
5									5
6									6
7									7
8									8
10	12,500   1,000   1.60		4,000   500   4.78						10
12	11,000   1,000   1.73		3,500   500   5.41						12
16	10,000   1,000   2.04		3,000   500   6.09						16
20	8,500   1,000   2.34		2,500   250   7.70						20
25		4,000   500   4.69	3,000   500   6.90						25
30									30
-									-
-									-
-									-
-									-
-									-
-									-
-									-
-									-
-									-
-									-
-									-

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

PRODUCT CODE EXAMPLE

TTMWTXSCKCAP50025ZC

PRODUCT DESCRIPTION EXAMPLE

M5 x 25 T-Drive® Socket Cap DIN 7500 FORM E / EE Similar Tap-Fix® Screw Steel / Zinc Plated (CR3)

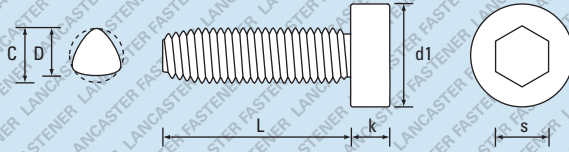
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TAP-FIX®

# Thread Rolling Screws

FOR METAL

**Hexagon Socket Cap**  
**Steel / Zinc Plated (CR3) & Lubricated**  
 RoHS 2 Compliant

**FORM E DIN 912 / EE ISO 4762**

Further technical data is available on page 239

Dia. D max	M4	M5	M6	M8	M10	-	-	-	Dia. D max
Dia. C max	4.08	5.09	6.10	8.13	10.15	-	-	-	Dia. C max
d1 - max	7.00	8.50	10.00	13.00	16.00	-	-	-	d1 - max
k - max	4.00	5.00	6.00	8.00	10.00	-	-	-	k - max
s - A/F	3.00	4.00	5.00	6.00	8.00	-	-	-	s - A/F
Recess	-	-	-	-	-	-	-	-	Recess
L- Length mm	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000							L- Length mm	
5								5	
6								6	
7								7	
8	13,000   1,000   1.50	7,500   1,000   2.65						8	
10	12,500   1,000   1.60	7,000   1,000   2.80	4,000   500   4.40					10	
12	11,000   1,000   1.73	6,500   1,000   3.02	4,000   500   5.10					12	
16	10,000   1,000   2.06	5,500   1,000   3.50	3,500   500   5.78	1,500   250   11.16				16	
20	8,500   1,000   2.33	5,000   500   4.02	3,000   500   5.99	1,200   150   12.43				20	
25	7,000   1,000   2.71	4,000   500   4.58	3,000   500   6.75	1,200   150   13.88				25	
30		3,500   500   5.20	2,500   250   7.58	1,000   125   15.21				30	
35			2,500   250   8.60	1,000   125   17.17				35	
40			2,000   250   9.26	1,000   125   18.20				40	
45								45	
50			1,500   250   11.13	1,000   125   21.53				50	
-								-	
-								-	
-								-	

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

**PRODUCT CODE EXAMPLE**

TTMWHEXSCKCAP40012ZC

**PRODUCT DESCRIPTION EXAMPLE**

M4 x 12 Hexagon Socket Cap DIN 7500 FORM E DIN 912 / EE ISO 4762 Tap-Fix® Screw Steel / Zinc Plated (CR3)

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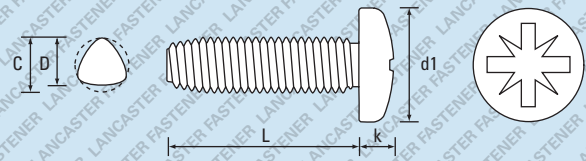
TAP-FIX®

**Thread Rolling Screws**

FOR METAL

**Cross Recess (Z) Pan****Steel / Zinc Plated (CR3) & Lubricated & Steel / Black (CR3)**

RoHS 2 Compliant

**ANSI B18.6.4**

Further technical data is available on page 240

Dia.	2.56 UNC	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC	10.32 UNF	¼" - 20 UNC	-	Dia.
Dia. D max	0.084	0.109	0.135	0.161	0.185	0.187	0.246	-	Dia. D max
Dia. C max	0.0875	0.1145	0.141	0.167	0.194	0.193	0.255	-	Dia. C max
d1 - max	0.167	0.219	0.270	0.322	0.373	0.373	0.492	-	d1 - max
k - max	0.062	0.080	0.097	0.115	0.133	0.175	0.218	-	k - max
Recess	1	1	2	2	2	2	3	-	Recess
L- Length ins	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000								L- Length ins
3/16	105,000   1,000   0.20	50,000   1,000   0.40	30,000   1,000   0.67						3/16
1/4	90,000   1,000   0.21	45,000   1,000   0.45	28,000   1,000   0.74		11,000   1,000   1.81				1/4
5/16			25,000   1,000   0.81						5/16
3/8	75,000   1,000   0.28	40,000   1,000   0.54	22,000   1,000   0.86	14,000   1,000   1.40	9,000   1,000   2.17	9,000   1,000   2.10			3/8
7/16			20,000   1,000   0.96						7/16
1/2		30,000   1,000   0.67	20,000   1,000   1.05	11,500   1,000   1.70	8,000   1,000   2.40		4,500   500   4.96		1/2
9/16									9/16
5/8		25,000   1,000   0.76	16,000   1,000   1.24	8,000   1,000   1.95	7,500   1,000   2.70		4,000   500   5.54		5/8
3/4			12,000   1,000   1.38		6,000   1,000   2.97		3,500   500   6.13		3/4
7/8									7/8
1							2,000   250   6.91		1
1 1/4					3,500   500   4.37				1 1/4
1 1/2							1,500   250   9.45		1 1/2
1 3/4									1 3/4
2									2
-									-
-									-

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

See page 267  
for further detail.

**PRODUCT CODE EXAMPLE**

TTUCWZPAN29950ZC  
 TTUCWZPAN35130ZN

**PRODUCT DESCRIPTION EXAMPLE**

4.40 UNC x 3/8 Cross Recess (Z) Pan Unified Tap-Fix® Screw Steel / Zinc Plated (CR3)  
 6.32 UNC x 1/2 Cross Recess (Z) Pan Unified Tap-Fix® Screw Steel / Black (CR3)

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TAP-FIX®

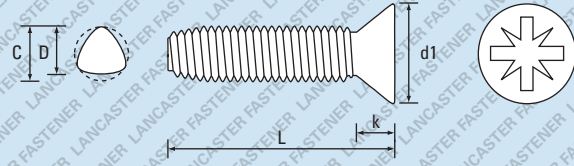
# Thread Rolling Screws

FOR METAL

Cross Recess (Z) Countersunk

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

RoHS 2 Compliant



Further technical data is available on page 240

## ANSI B18.6.4

Dia.	2.56 UNC	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC	10.32 UNF	¼" - 20 UNC	-	Dia.					
Dia. D max	0.084	0.109	0.135	0.161	0.185	0.187	0.246	-	Dia. D max					
Dia. C max	0.0875	0.1145	0.141	0.167	0.194	0.193	0.255	-	Dia. C max					
d1 - max	0.172	0.225	0.279	0.332	0.385	0.385	0.507	-	d1 - max					
k <sub>ref</sub>	0.051	0.067	0.083	0.100	0.116	0.116	0.153	-	k <sub>ref</sub>					
Recess	1	1	2	2	2	2	3	-	Recess					
L- Length ins	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000								L- Length ins					
3/16									3/16					
1/4	62,000	1,000	0.31						1/4					
5/16				35,000	1,000	0.57			5/16					
3/8	50,000	1,000	0.39	29,000	1,000	0.66			3/8					
7/16									7/16					
1/2				25,000	1,000	0.82			1/2					
9/16									9/16					
5/8									5/8					
3/4					11,000	1,000	1.60	7,000	1,000	2.47	4,000	500	4.40	3/4
7/8										7/8				
1										3,500	500	5.56	1	
1 1/4										3,000	250	6.84	1 1/4	
1 1/2										2,500	250	7.44	1 1/2	
1 3/4										2,000	250	8.80	1 3/4	
2										1,500	250	9.77	2	
2 1/4										1,500	200	11.33	2 1/4	
2 1/2										1,400	200	11.94	2 1/2	

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

See page 267 for further detail.

### PRODUCT CODE EXAMPLE

TTUCWZCSK42190ZC  
TTUCWZCSK29950ZN

### PRODUCT DESCRIPTION EXAMPLE

8.32 UNC x 3/4 Cross Recess (Z) Countersunk Unified Tap-Fix® Screw Steel / Zinc Plated (CR3)  
4.40 UNC x 3/8 Cross Recess (Z) Countersunk Unified Tap-Fix® Screw Steel / Black (CR3)

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Carbon Steel Product Ranges

Stainless Steel Product Ranges

Brass Product Ranges

Technical Data



TAP-FIX®

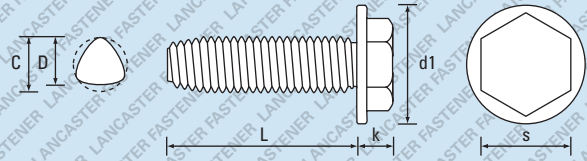
## Thread Rolling Screws

FOR METAL

Washer Hexagon

Steel / Zinc Plated (CR3) &amp; Lubricated &amp; Steel / Black (CR3)

RoHS 2 Compliant



## ANSI B18.6.4

Further technical data is available on page 240

Dia.	2.56 UNC	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC	10.32 UNF	¼" - 20 UNC	-	Dia.
Dia. D max	0.084	0.109	0.135	0.161	0.185	0.187	0.246	-	Dia. D max
Dia. C max	0.0875	0.1145	0.141	0.167	0.194	0.193	0.255	-	Dia. C max
d1 - max	0.166	0.243	0.328	0.348	0.414	0.414	0.520	-	d1 - max
k - max	0.066	0.079	0.118	0.141	0.151	0.151	0.240	-	k - max
s - A/F max	0.125	0.188	0.250	0.250	0.312	0.312	0.375	-	s - A/F max
L- Length ins	Bulk Carton Quantity   Small Box Quantity   Weight (KG) per 1,000								L- Length ins
3/16									3/16
1/4			20,000   1,000   0.94	15,000   1,000   1.28					1/4
5/16									5/16
3/8			18,000   1,000   1.12	11,000   1,000   1.50	10,000   1,000   2.32	14,000   1,000   2.36			3/8
7/16									7/16
1/2				11,000   1,000   1.72	7,000   1,000   2.63	8,000   1,000   2.63	3,500   500   5.19		1/2
9/16									9/16
5/8				10,000   1,000   2.08			3,000   500   5.77		5/8
3/4							3,000   500   6.34		3/4
7/8									7/8
1							2,000   250   7.51		1
1 1/4							2,000   250   8.87		1 1/4
1 1/2									1 1/2
1 3/4									1 3/4
2									2
2 1/4									2 1/4
2 1/2									2 1/2

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

See page 267  
 for further detail.

## PRODUCT CODE EXAMPLE

TTUCWWHX48130ZC  
 TTUCWWHX35130ZN

## PRODUCT DESCRIPTION EXAMPLE

10.24 UNC x 1/2 Washer Hexagon Unified Tap-Fix® Screw Steel / Zinc Plated (CR3)  
 6.32 UNC x 1/2 Washer Hexagon Unified Tap-Fix® Screw Steel / Black (CR3)

Tap-Fix® is a registered trade mark of Lancaster Fastener Co Ltd.

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