

# Cut and Bend Stainless Steel Reinforced Bar

## Working towards forever.

We work with our customers and partners to create long lasting solutions for the tools of modern life and the world's most critical problems: clean energy, clean water and efficient infrastructure.

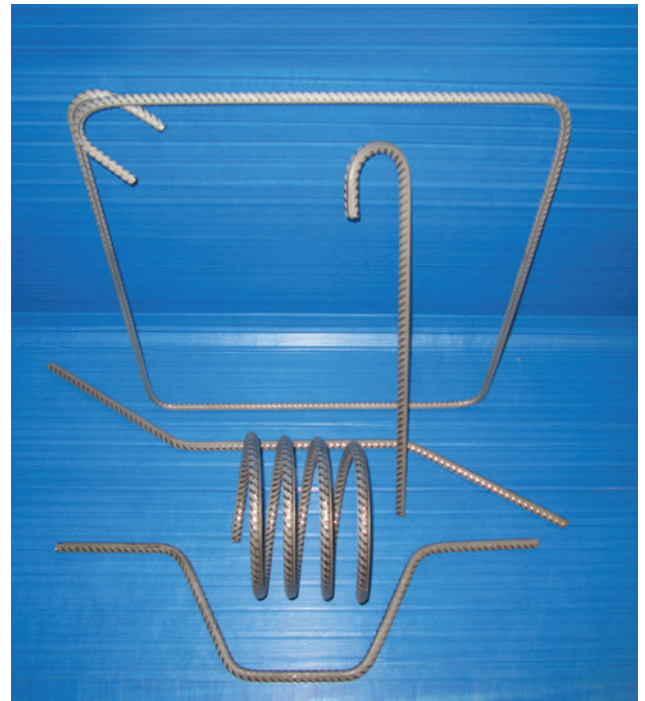
Because we believe in a world that lasts forever.

Outokumpu stainless steel rebar is produced and processed at our works in Sheffield, UK. CARES certified BS 6744 rebar is now available in cut & bend shapes to BS 8666:2005.







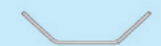





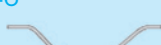



## Product Availability

Grade 500 BS 6744:2001+A2:2009 stainless steel rebar can be supplied in straight lengths up to 12m as well as cut and bend shapes in accordance with BS 8666:2005.

Outokumpu steel grade	International steel designation	
	EN	ASTM/UNS
4301	1.4301	304
LDX 2101®	1.4162	S32101
2304	1.4362	S32304



## Typical Shape Codes to BS8666: 2005

00 	11 	12 	13 	15 	21 
25 	26 	31 	33 	41 	44 
46 	51 	67 	77 	99 Dimensional sketch required	

All other BS 8666:2005 shape codes available. Minimum radius and projected lengths are in Table 2 BS 8666:2005. Maximum radii for bending is in Table 6 BS 8666:2005

## Tolerances on Cut and Bend Dimensions

Cutting of straight lengths (including reinforcement for subsequent bending)	±25mm
Bending:	
≤ 1m	±5mm
> 1m ≤ 2m	+5mm -10mm
> 2m	+5mm - 25mm

Also available:

- BS 6744:2001+A2:2009 straight lengths up to 12m
- Stainless steel fabric mesh to BS 4483 mesh sizes
- Stainless steel dowel bars and sleeves
- Stainless steel rebar couplers

## Nominal masses

Bar Diameter (mm)	Mass per metre (kg)	Metres per tonne (m)	Cross sectional area (mm <sup>2</sup> )
6	0.221	4525	28.3
8	0.392	2551	50.3
10	0.612	1634	78.5
12	0.882	1134	113.1
16	1.569	637	201.1
20	2.451	408	314.2
25	3.829	261	490.9
32	6.266	160	804.2
40	9.790	102	1256.6

Mass values are for steel designations LDX 2101® and 2304. Values for 1.4301 will vary slightly.

## Contact information:

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