

UNITEC

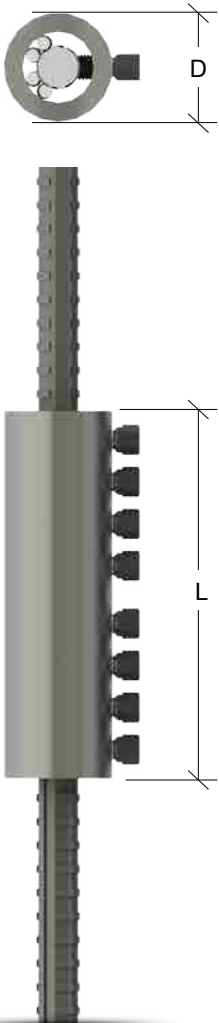
The Universal Splicing System



Dextra

Product features

Unitec is a shear-bolt coupling system for the connection of concrete reinforcement bars from Ø12 to 50 mm (ASTM #4 to #18).



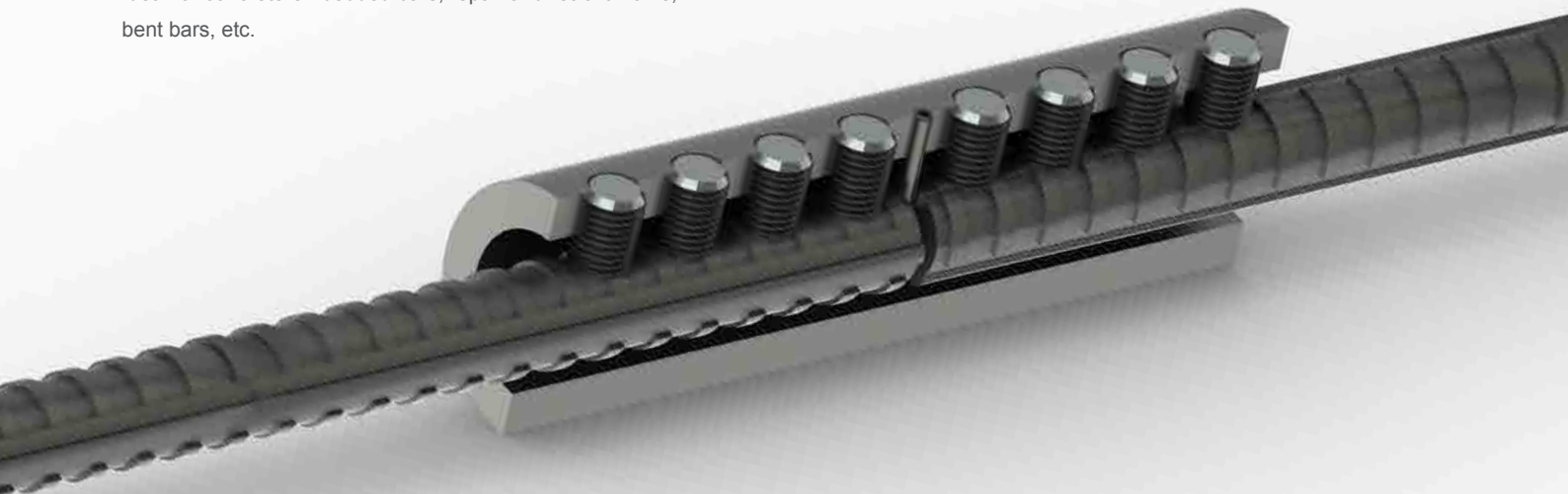
Bar size			Order Codes	Coupler dimensions				Screw size	Total number of Screws
Europe	USA & Mexico	Canada		Outside Diameter (D)		Length (L)			
				(mm)	(in)	(mm)	(in)		
12, 12.5	#4		FPUS0400002	48	1 7/8"	140	5 1/2"	M12	6
14, 16	#5	15M	FPUS0500002	48	1 7/8"	140	5 1/2"	M12	6
20, 22, 24	#6, #7	20M	FPUS0700002	58	2 1/4"	180	7"	M16	6
25, 26	#8	25M	FPUS0800002	62	2 1/2"	240	9 1/2"	M16	8
28	#9		FPUS0900002	76	3"	220	8 5/8"	M20	6
30, 32	#10	30M	FPUS1000002	82	3 1/4"	280	11"	M20	8
34, 36	#11	35M	FPUS1100002	89	3 1/2"	360	14 1/8"	M20	10
38, 40	#12		FPUS1200002	95	3 3/4"	425	16 3/4"	M20	12
43	#14	45M	FPUS1400002	95	3 3/4"	555	21 1/8"	M20	16
50			FPUS5000002	107	4 1/8"	620	24 3/8"	M20	18
	#18	55M	FPUS1800002	122	4 7/8"	640	25 1/4"	M24	16

Transition splicing between two different rebar diameters is also possible using the following models:

Larger bar size			Smaller bar size			Order Codes
Europe	USA & Mexico	Canada	Europe	USA & Mexico	Canada	
25, 26	#8	25M	20, 22, 24	#6, #7	20M	FPUS0800002
30, 32	#10	30M	25, 26	#8	25M	FPUS1000002
			28	#9		

Benefits

- Site assembly with standard impact wrench.
- No need of bar end preparation.
- Readily available off the shelf.
- Ideal for concrete-embedded bars, repair and retrofit works, bent bars, etc.
- Type 2 splice as per ACI 318 requirements.
- Complies with BS 8110 and NF A35-020 standards.



Note: The information in this catalogue is considered up to date at the time of publication. We reserve the right to make technical and design changes at any time. Dextra shall not accept liability for the accuracy of the information in this publication or for any printing errors.

Packing

Unitec couplers are packed in wooden crates that should be stored under a roof and protected from natural elements.

Bar size			Order Codes	Qty / Box (pieces)	Net weight (kg)	Gross weight (kg)
Europe	USA & Mexico	Canada				
12, 12.5	#4		FPUS0400002	200	305	327
14, 16	#5	15M	FPUS0500002	200	290	312
20, 22, 24	#6, #7	20M	FPUS0700002	100	280	302
25, 26	#8	25M	FPUS0800002	50	196	218
28	#9		FPUS0900002	30	193	215
30, 32	#10	30M	FPUS1000002	50	443	465
34, 36	#11	35M	FPUS1100002	20	253	275
38, 40	#12		FPUS1200002	10	159	181
43	#14	45M	FPUS1400002	10	208	230
50			FPUS5000002	10	259	281
	#18	55M	FPUS1800002	10	400	422

Note: The weight of the crates varies depending on ambient humidity

Please ensure that order quantities are a multiple of the packaging quantities stated in the table. Unitec is shipped in wooden box: (outside diameter) W 83.4 cm, L 63.4 cm, H 29.0 cm

Quality Assurance

Dextra's Quality Management System complies with the requirements of:

- Bureau Veritas ISO 9001:2008 - TH006540
- UK CARES ISO 9001:2008 - 1086
- ASME NCA-3800



Each coupler is marked with symbols that enable to trace it back to each raw material and production batch data.

Product Approvals

Unitec couplers have been certified by the following authorities:



- UK CARES for use with grade B500B and B500C bars dia 12 to 40mm as per BS 4449.



- AFCAB for use with grade B500B bars dia 12 to 40mm as per NF A35080.



- Dubai Municipality for use with bars dia 12 to 40mm as per TAC 130-2013.

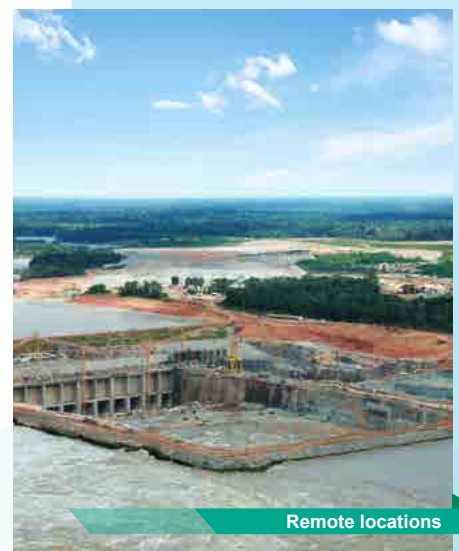
Applications



Repair and retrofitting



Change of contract package



Remote locations

Some Major References



Commercial presence in more than 55 countries.



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