



REBAR

Maximum support for your construction.
A true fact.



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Grade - 42 rebar complies with NMX-C-407 Mexican norm, as well as ASTM-A-615 / A 615M US norm in 40 and 60 grades.

Made to order, we offer rebar with special chemical and physic features for different levels of weldability and ductility, such as NMX B-457 Mexican norm grade 42, BS 4449 grade 460, ASTM-A-706 grade 60, CAN/CSA - G30.18M92 grade 400W, among others.

Rebar fully complies with quality systems guaranteed under ISO 9001-2000 as well as UK CARES and KITERMARK LICENSE.

NOMINAL DIMENSIONS

DESIGNATED NO.	GAUGE		NOMINAL WEIGHT		TRANSVERSAL SECTION AREA MM ²	NOMINAL PERIMETER	MAXIMUM CORRUGATION SCATTERING	MINIMUM CORRUGATION HEIGHT	MAXIMUM RIB
	inch	mm	kg/m	lb/ft					
3	3/8	9.5	0.560	0.376	71	29.8	6.7	0.4	3.6
4	1/2	12.7	0.994	0.668	127	39.9	8.9	0.5	4.9
5	5/8	15.9	1.552	1.043	198	50.0	11.1	0.7	6.1
6	3/4	19.1	2.235	1.502	285	60.0	13.3	1.0	7.3
8	1	25.4	3.973	2.670	507	79.8	17.8	1.3	9.7
10	1 1/4	31.7	6.225	4.303	794	99.9	32.3	1.6	12.2
12	1 1/2	38.1	8.938	5.988	1,140	119.7	26.7	1.9	14.6

MECHANICAL PROPIETIES

NORM	NMX-C-407 **		NMX-B-457
	GRADO 30	GRADO 42	GRADO 42
PROPERTIES			
TENSION RESISTANCE N/mm ² (kg/mm ²)	490 (50) * MÍN.	618 (63) * MÍN.	618 (63) * MÍN.
MINIMUM FLUENCY LIMIT kg/cm ² (lb/in ²)	MÍN. 294 (30)	"MÍN. 412 (42)"	MÍN.-MAX. 412-540 (42-55)
MINIMUM ELONGATION ON 200 MM. IN % OF ROD NO.			
	3, 4 y 5	11	9
	6	12	9
	7 y 8	-	8
	9, 10, 11 y 12	-	7

* The relation between tensile resistance and fluency limit should not be less than 1.25

** Equivalent to ASTM-A-615 US Norm

a) Can be delivered with special cuts upon request from customer

b) Weight of tie 1.800-2.000 kg

BENDED PROPERTIES

NORM	NMX-C-407		NMX-B-457
	30 GRADE	42 GRADE	42 GRADE
DESIGNATED ROD NO.			
	3, 4 Y 5	3,5 D	3,5 D
	6	5 D	5 D
	7 Y 8	-	5 D
	9 Y 10	-	7 D
	11 Y 12	-	8 D

D=Nominal test tube diameter
Length: 12 m



SALES REPRESENTATIVES
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