PRODUCT DATA SHEET

WIRE REINFORCEMENT COLUMN (WRC)

WRC are electro welded structures made with hot rolled steel for the reinforcement of concrete tie-columns and tie-beams.

APPLICATIONS

- In the reinforcement of tie-beams and tie-columns in confined masonry construction of housing, buildings, warehouses, fences and more

FEATURES

- Grade 60 hot rolled deformed steel bars
- Smooth hot rolled stirrups
- Presentation in Sheets

BENEFITS

- Environmental Product Declaration (EDP) from rebar
- Reduces on-site labor cost and time
- Uniformity in dimensions
- Reduces waste

DIMENSIONS

Design	Style	Longitudinal wires	Concrete section	Assembly section	Var. Steel area Long
			in	in	in²
6-6-4	HR-3	4 # 3	6 x 6	4 x 4	0.44
6-8-4	HR-3	4 # 3	6 x 8	4 x 6	0.44
6-10-4	HR-3	4 # 3	6 x 10	4 x 8	0.44
6-6-4	HR-4	4 # 4	6 x 6	4 x 4	0.79
6-8-4	HR-4	4 # 4	6 x 8	4 x 6	0.79
6-10-4	HR-4	4 # 4	6 x 10	4 x 8	0.79

SPECIFICATIONS

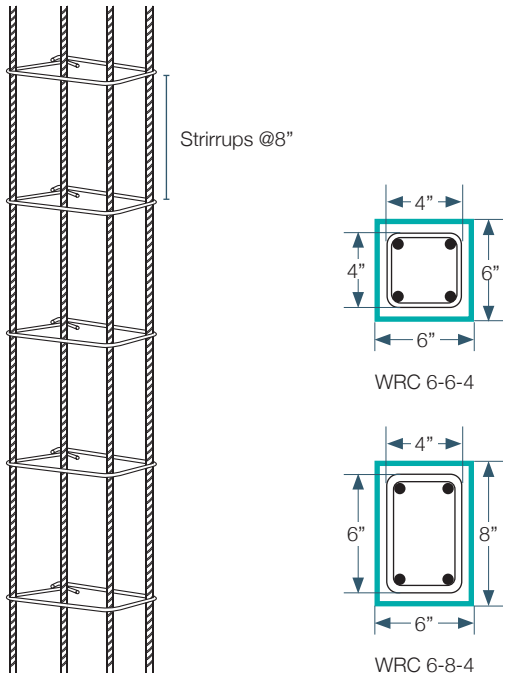
Style	HR-3	HR-4
Deformed bar Grade 60	3/8" (# 3)	1/2" (# 4)
Smooth stirrup	1/4" wire rod	
Stirrup quantity	30 @ 8 in	

MECHANICAL PROPERTIES REBAR GRADE 60

Yield strength	60,000 psi
Tensile strength	90,000 psi
Minimum elongation in 8 in	9 %

MECHANICAL PROPERTIES STIRRUP

Yield strength	33,000 psi



PRESENTATION:

- Length: 20 feet
- Bundle: 50 sheets

MANUFACTURING STANDARDS: ASTM A 615 (rebar) ASTM A 510 (wire rod)

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