



BUILDING AND SECURING YOUR FUTURE



PROVIDING EXCEPTIONAL REINFORCING PRODUCTS & STEEL SOLUTIONS.

DWR vision is to be America's go-to choice for concrete reinforcement and steel solutions by consistently providing superior quality products. Our sustainable business practices aim to deliver unmatched value, allowing us to build a better future for our customers, partners, and communities.

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WHO WE ARE



DWR sets itself apart from other steel manufacturers with its extensive line of reinforcing products and steel solutions, deep industry expertise, and responsive customer service.

MID-CONTINENT STEEL AND WIRE is an American manufacturer and a top supplier of high-quality steel solutions tailored to our customer needs. We complement our product portfolio as the master distributor of DEACERO products, which since 1952 has been one of the most important companies in the production, commercialization, and distribution of steel wire finished goods, long steel products, and reinforcing steel in the world.



DWR is a valued member of the MID-CONTINENT STEEL AND WIRE family, providing a wide range of high-quality steel solutions for this generation of leaders in the construction and energy & utilities industries.

Based in Houston, TX, we are a self-sufficient manufacturer, with complete control over product quality from the start. Our integrated business model benefits customers with a single point of contact, eliminating the need for double-sourcing.

We promise to hold ourselves to the highest standards as we provide responsive customer service and industry-best lead times. These capabilities, combined with our expert knowledge of concrete reinforcement, will save our customers time, money, and labor.

Today, DWR is a devoted member of many national and international associations, including the Wire Reinforcement Institute (WRI), Post-Tensioning Institute (PTI), and U.S. Green Building Council (USGBC).

WELDED WIRE REINFORCEMENT (WWR) MESH

DWR Welded Wire Reinforcement Mesh is a welded steel wire reinforcement mat, designed for reinforcing concrete, also known as WWR. It can be produced with W-Smooth/Plain wire, or with D-Deformed wire. Our WWR can be made with wire ranging in size from D/W 1.28 to D/W 31, and can be used in many cases in combination and/or as a substitute to using rebar, which mostly requires manual placement. Standard Building WWR can also be known as Wire Mesh or Remesh, and usually goes up to D/W 5 wire size. Engineering WWR Mesh is usually produced from D/W 4 through D/W31 also known as EWWR or Structural WWR.

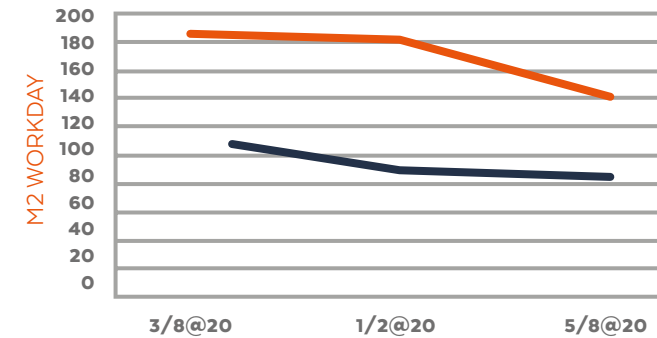
Our products fully comply with the following construction standards, codes and specifications:
ASTM A1064, IBC/ACI, AASHTO

We also have a technical staff with extensive experience on welded wire reinforcement design and application that understand the benefits you expect on concrete reinforcement.

We offer a broad range of wire diameters and dimensions in rolls and sheets to meet and optimize your design requirements, helping reduce waste material vs using rebar.

OFFERS SAVINGS IN LABOR COST UP TO 75%

REBAR VS. DWR WELDED WIRE REINFORCEMENT MESH + M2 WORKDAY



BENEFITS

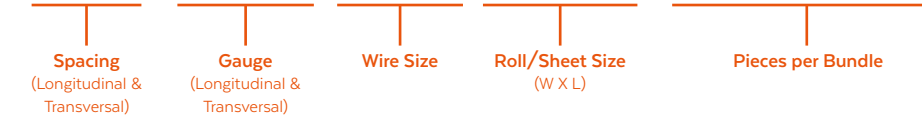
- 01 HIGH STRENGTH STEEL**
Welded intersections minimize random cracks and effectively control separation.
- 02 HIGH STRENGTH STANDARDS**
ASTM-A1064 requires deformed wire to be a minimum of Grade 70. MCSW WWR is manufactured in higher strength Grade 80 deformed steel (80,000 psi), and also offered in lower grades upon request or specific project requirements.
- 03 EASY AND FAST TO INSTALL**
Can be installed as much as 10 time faster, promoting accelerated project completions and significantly reduced labor cost.
- 04 SHORT DELIVERY LEAD TIMES**
We use state of the art equipment for production in order to supply the highest quality material at reduced manufacturing lead times.



STANDARD BUILDING WELDED WIRE REINFORCEMENT MESH

DESCRIPTION & NOMENCLATURE

6"X6" 10/10 (D1.4) 5'X150' (9/BUNDLE)



SPECIFICATIONS

STANDARD BUILDING WELDED WWR MESH ROLLS		
ITEM CODE	DESCRIPTION	UNITS T/L
19224	6"X6" 10/10 (D1.4) 5'X150' (9/BUNDLE)	306
83557	6"X6" 10/10 (D1.4) 5'X150' (18/BUNDLE)	324
9480	6"X6" 10.5/10.5 (W1.28) 5'X150' (18/BUNDLE)	324
84977	6"X6" 6/6 (D2.9) 5'X150' (9/BUNDLE)	162
9479	6"X6" 10/10 (W1.4) 5'X50' (17/BUNDLE)	476
84271	6"X6" 10/10 (W1.4) 5'X150' (9/BUNDLE)	324
84063	6"X6" 10/10 (W1.4) 7'X200' (9/BUNDLE)	126
85223	6"X6" 10/10 (W1.4) 6'X150' (9/BUNDLE)	272
85219	6"X6" 10/10 (W1.4) 5'X200' (14/BUNDLE)	238

WELDED WWR MESH SHEETS		
ITEM CODE	DESCRIPTION	UNITS T/L
8449	6"X6" 10/10 (D1.4) 42"X 84" (100/BUNDLE)	6500
85655	6"X6" 10/10 (D1.4) 5'X 10 (100/BUNDLE)	3,500
85659	6"X6" 6/6 (D2.9) 5'X 10 (100/BUNDLE)	2,400
80016	6"X6" 10/10 (D1.4) 8'X15' (100/BUNDLE)	2000
85661	6"X6" 6/6 (D2.9) 8'X15' (50/BUNDLE)	1000
80018	6"X6" 10/10 (D1.4) 8'X20' (100/BUNDLE)	1400
11710	6"X6" 8/8 (D2.1) 8'X20' (100/BUNDLE)	1000
80023	6"X6" 6/6 (D2.9) 8'X20' (50/BUNDLE)	750
85405	6"X6" 4/4 (D4) 8'X20' (50/BUNDLE)	550
84078	4"X4" 6/6 (W2.9) 8'X20' (50/BUNDLE)	500
85379	4"X4" 4/4 (D4) 8'X20' (25/BUNDLE)	375
85455	6"X6" 1/4"/1/4" (D5) 8'X20' (25/BUNDLE)	400
84867	6"X6" 6/6 (D2.9) 42"X20' (50/BUNDLE)	1400
85091	6"X6" 8/8 (W2.1) 5'X160" (50/BUNDLE)	1400
85359	6"X6" 6/6 (D2.9) 54" X 10FT (100/BUNDLE)	2400
84080	6"X6" 10/10 (W1.4) 7'X20' (100/BUNDLE)	1600
80314	6"X6" 6/6 (W2.9) 7'X20' (50/BUNDLE)	800
84083	6"X6" 4/4 (W4) 7'X20' (25/BUNDLE)	600
84077	4"X4" 4/4 (W4) 7'X20' (25/BUNDLE)	400

STRUCTURAL WELDED WIRE REINFORCEMENT ENGINEERING MESH

DWR Structural Welded Wire Reinforcement Engineering Mesh is a welded positively deformed steel wire reinforcement mat manufactured at the factory from large-diameter rod, pre-cut, fusion welded, and ready to meet our customers concrete reinforcement requirements.

We have state of the art technology and equipment to manufacture high quality structural products, in lieu of independent number 3, 4, 5, 6, 7 and 8 rebar elements. Our products are tested and certified in our on-site testing laboratories by experienced quality control teams.



FEATURES

01 STRUCTURAL QUALITY

- Cold rolled wires, positively deformed and pre-straightened.
- Prior to fusion welding, individual wires are sheared to required strength.
- Precise and permanent spacing.
- Resists curling due to fusion welded intersections.

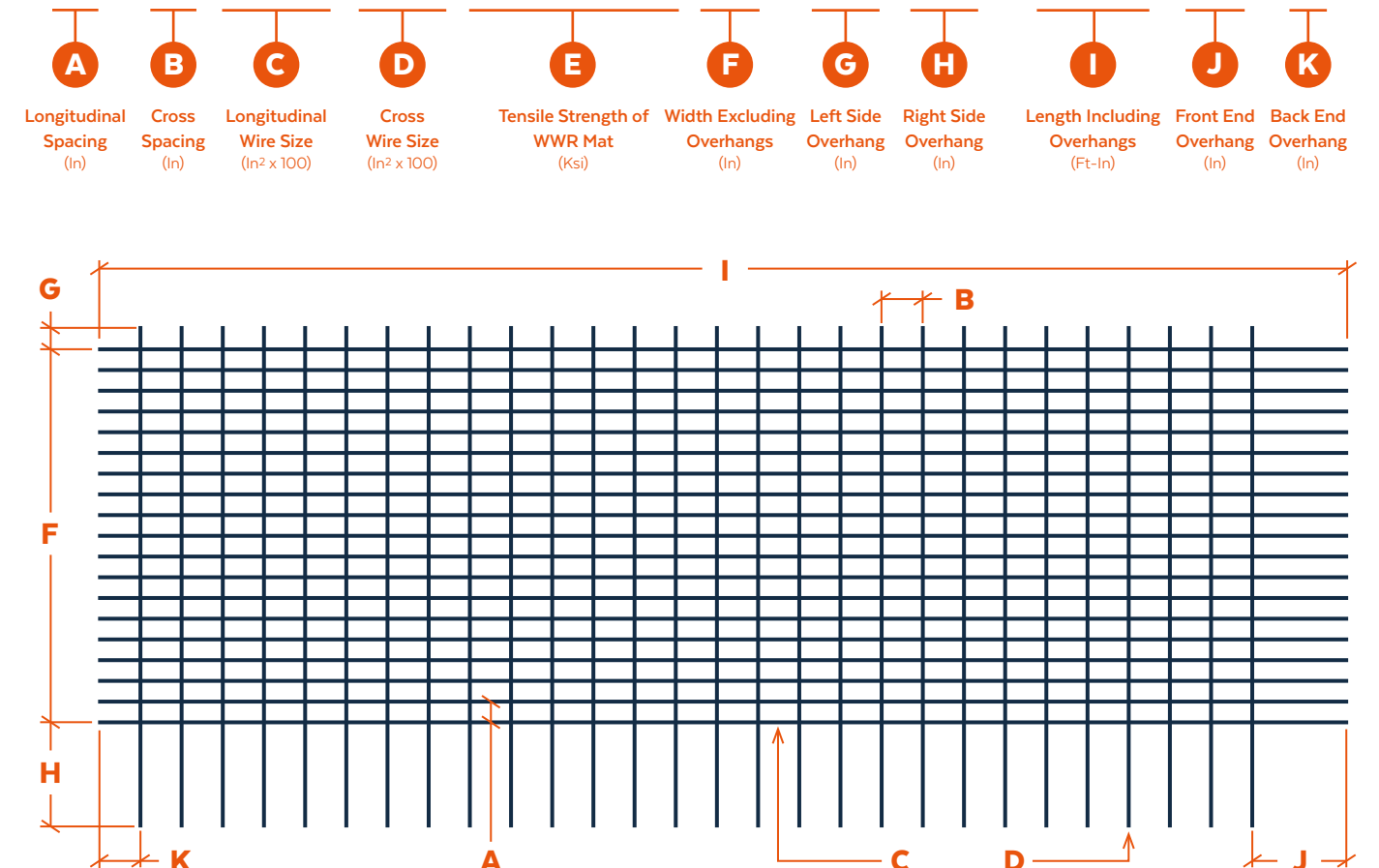
02 OPTIMAL CRACK CONTROL

- Welded intersections minimize random cracks and effectively control separation.
- Positive (raised) deformation, assures superior concrete bond strength.
- Total square footage of material acts as an integrated unit.



DESCRIPTION & NOMENCLATURE

4 X 8 D14.7/D20 (GRADE 80) 72" (+4", +21) X 20'-2" (18, 8)



Meet the ASTM-A-1064, IBC 1903.5, ACI 318, AASHTO M221 & M225 standards.

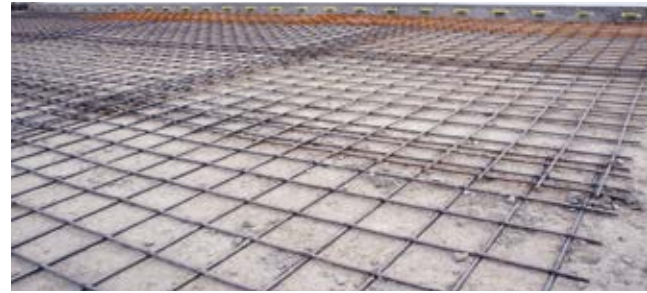
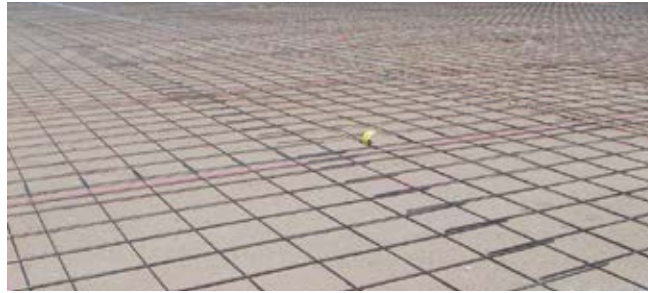
DWR SETS THE HIGHEST STANDARDS FOR ITS STEEL PRODUCTS AND SERVICES.

Our products fully comply with the following standards, codes and specifications:

- **ASTM**
- **IBC/ACI**
- **AASHTO**

APPLICATIONS

SLAB ON GRADE



RETENTION



STRUCTURAL SLABS



TILT-UP CONSTRUCTION



APPLICATIONS

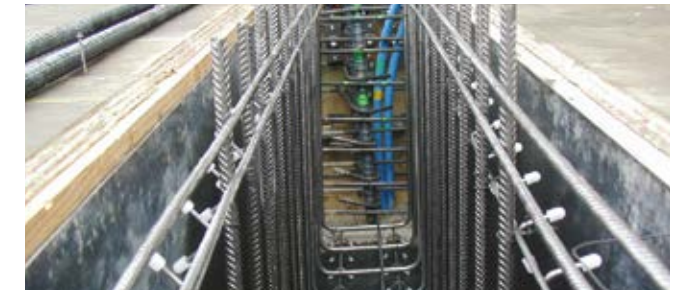
BARRIER WALLS



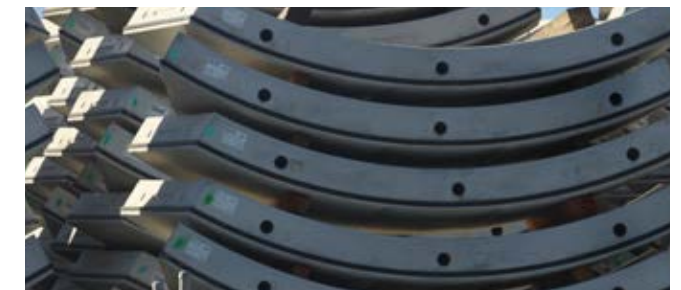
HIGH RISE TOWERS



STIRRUP TIE CAGES



PRE-CAST STRUCTURES



STEEL REINFORCING BARS

DWR provide the most advanced equipment and technology to manufacture fabricated rebar with pinnacle precision, meeting our customer's precise specifications. This combined with our highly experienced technical support, will undoubtedly help you reduce costs in materials, time, and labor.

BAR SIZE	NOMINAL DIMENSIONS		
	AREA (IN ²)	WEIGHT (LB/FT)	DIAMETER (IN)
#3 (#10)	0.11	0.376	0.375
#4 (#13)	0.20	0.668	0.500
#5 (#16)	0.31	1.043	0.625
#6 (#19)	0.44	1.502	0.750
#7 (#22)	0.60	2.044	0.875
#8 (#25)	0.79	2.670	1.000
#9 (#29)	1.00	3.400	1.128
#10 (#32)	1.27	4.303	1.270
#11 (#36)	1.56	5.313	1.410
#14 (#43)	2.25	7.650	1.693

In accordance with ACI 318 Building Code.

RECOMMENDED END HOOKS DIMENSIONS

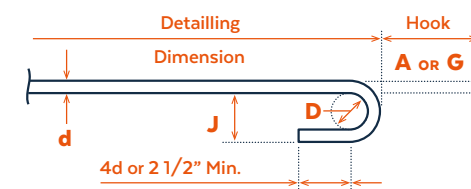
All grades of steel. D = Finished inside bend diameter (includes spring back)

BAR SIZE	D	180° HOOKS		90° HOOKS
		A OR G	J	A OR G
#3	2 1/4"	0'-5"	0'-3"	0'-6"
#4	3"	0'-6"	0'-4"	0'-8"
#5	3 3/4"	0'-7"	0'-5"	0'-10"
#6	4 1/2"	0'-8"	0'-6"	1'-0"
#7	5 1/4"	0'-10"	0'-7"	1'-2"
#8	6"	0'-11"	0'-8"	1'-4"
#9	9 1/2"	1'-3"	0'-11 3/4"	1'-7"
#10	10 3/4"	1'-5"	1'-11 1/4"	1'-10"
#11	12"	1'-7"	1'-2 3/4"	2'-0"
#14	18 1/4"	2'-3"	1'-9 3/4"	2'-7"
#18	24"	3'-0"	2'-4 1/2"	3'-5"

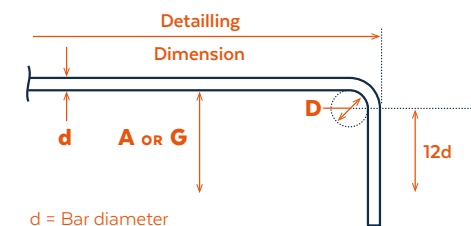
DWR REBAR GRADES MEETS ASTM SPECIFICATIONS.

STEEL TYPE	BAR SIZE RANGE	GRADE	MIN. YIELD (KSI)	MIN. TENSILE (KSI)
CARBON A615	#3-#6	40	40	60
	#3-#20	60	60	90
	#3-#20	75	75	100
	#3-#20	80	80	105
	#3-#20	100	100	115
LOW-ALLOY A706	#3-#18	60	60	80
	#3-#18	80	80	100
STAINLESS	#3-#18	60	60	90
	#3-#18	75	75	100
RAIL & AXLE A706	#3-#8	40	40	70
	#3-#8	50	50	80
	#3-#11	60	60	90
LOW-CARBON	#3-#18	100	100	150
	#3-#11	120	120	150

180° STANDARD HOOK



90° STANDARD HOOK

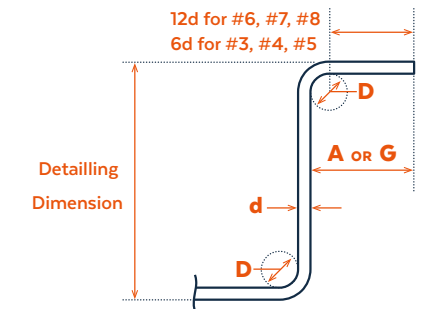


90° AND 135° STIRRUP & TIE HOOKS

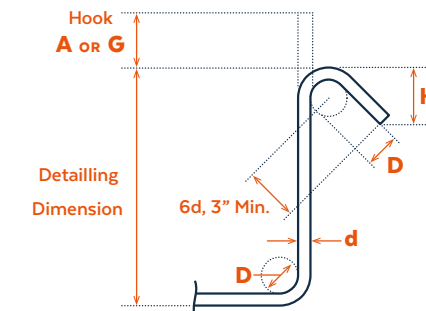
All grades of steel.

BAR SIZE	D	90° HOOKS	135° HOOKS	
		A OR G	A OR G	H (APPROX.)
#3	1 1/2"	0'-4"	4"	2 1/2"
#4	2"	0'-4 1/2"	4 1/2"	3"
#5	2 1/2"	0'-6"	5 1/2"	3 3/4"
#6	4 1/2"	1'-0"	8"	4 1/2"
#7	5 1/4"	1'-2"	9"	5 1/4"
#8	6"	1'-4"	10 1/2"	6"

90° STIRRUP & TIE HOOK



135° STIRRUP & TIE HOOK

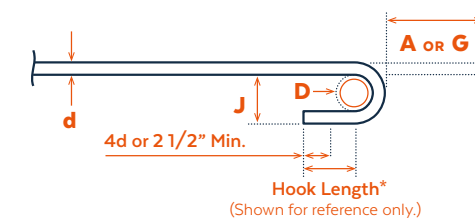


180° STIRRUP & TIE HOOKS

All grades of steel.

BAR SIZE	D	180° HOOKS		
		A OR G	J	HOOK LENGTH
#3	1 1/2"	4"	2 1/4"	3 3/4"
#4	2"	5"	3"	4"
#5	2 1/2"	6"	3 3/4"	4 1/2"
#6	4 1/2"	8"	6"	6"
#7	5 1/4"	10"	7"	7"
#8	6"	11"	8"	8"

180° STIRRUP & TIE HOOK

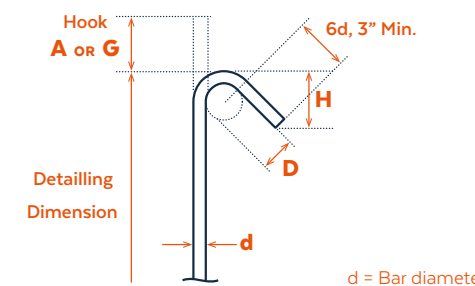


135° SEISMIC STIRRUP & TIE HOOKS

All grades of steel.

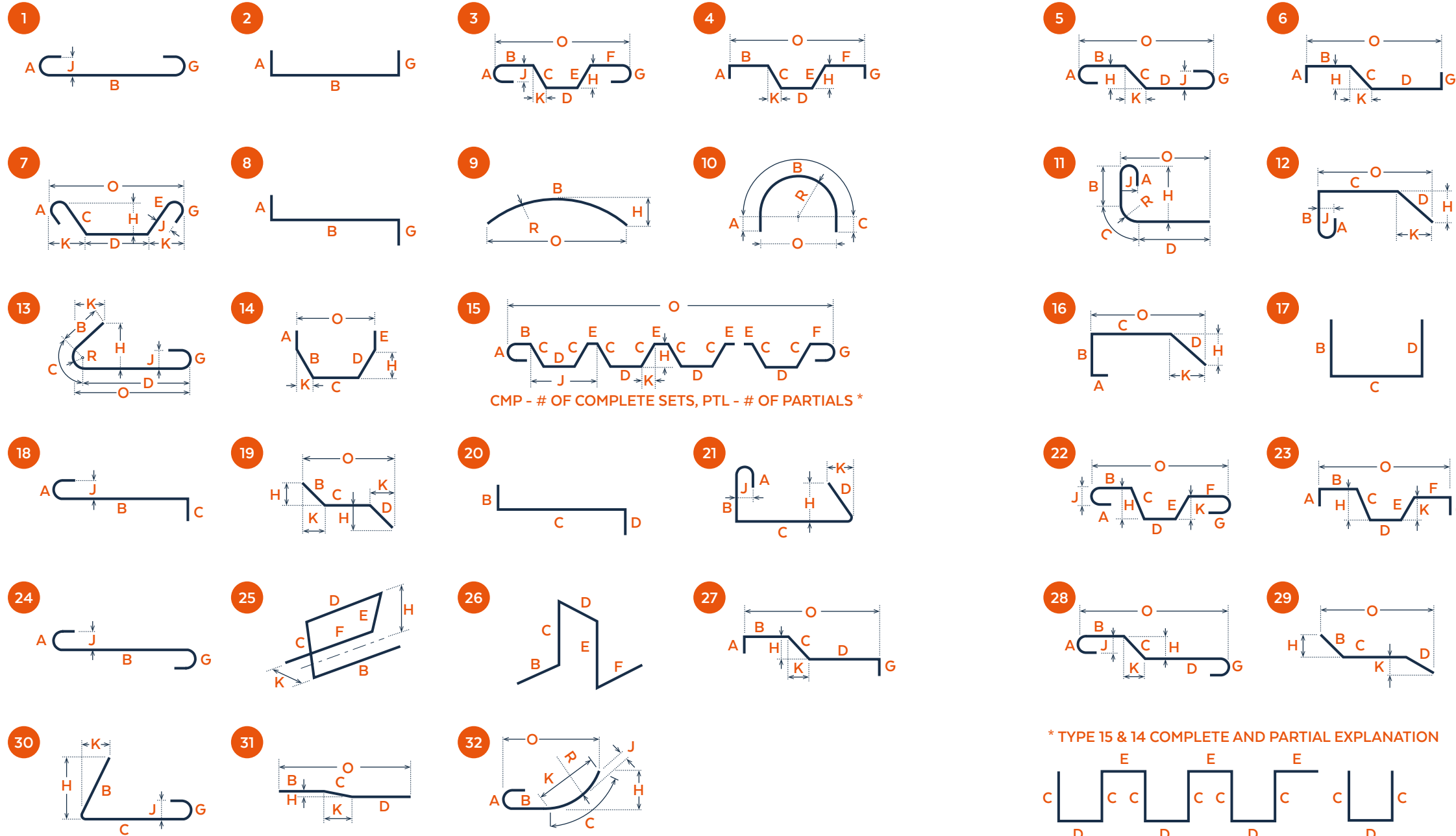
BAR SIZE	D	135° HOOKS	
		A OR G	H (APPROX.)
#3	1 1/2"	4 1/4"	3"
#4	2"	4 1/2"	3"
#5	2 1/2"	5 1/2"	3 3/4"
#6	4 1/2"	8"	4 1/2"
#7	5 1/4"	9"	5 1/4"
#8	6"	10 1/2"	6"

135° SEISMIC HOOK



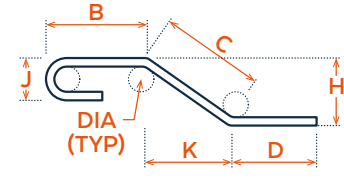
aSa/REBAR SYSTEM TYPICAL BAR BENDS

Bar bending is the process of bending reinforcing steel into shapes required for reinforced concrete construction.



NOTES:
 1. aSa Typical Bar Bends include only Types 1-32, T1-T17, S1-S15, and X, XL, Y, YL, & YM.
 2. All dimensions are out-to-out of bar except "A" and "G" on Standard 180° and 135° hooks.
 3. "J" dimensions on 180° hooks to be shown only where necessary to restrict hook size, otherwise standard hooks are to be used.
 4. Where "J" is not shown, "J" will be kept equal to or less than "H" on those bars. Where "J" can exceed "H", it should be shown.
 5. "H" dimensions stirrups to be shown where necessary to fit within concrete.
 6. Unless otherwise noted, DIA. "D" is the same for all bends and hooks on a bar.

7. Where slope differs from 45° dimensions, "H" and "K" must be shown.
 8. Where bars are to be bent more accurately than standard bending tolerances, bending dimensions which require closer fabrication should have limits indicated.
 9. Figures in circles show types.
 10. For recommended DIA. "D" of bends, hooks, etc., see CRI or ACI tables.
 11. Type S1-S15, T1-T17 apply to bar sizes #3 through #8.
 12. "J" dimensions on Type T14, T16 is assumed to be equal to "K" if not specified.



A complete set consists of a C, D, C and E dimensions. In the example shown there are 3 complete sets. (CMP=3)
 Partial can be 0,1,2, or 3. Partials consist of a C, D, and C dimensions. In the example shown there are 3 partials. (PTL=3)

LIGHT BENDING - All #3 and all Stirrups, Column Ties and #4 Thru #18 Bars that are bent >6 Points; Bent >1 Plane; Radius Bent with >1 Radius in any one bar, or a combination of Radius and other Bending (Radius Bending being defined as all bends having a Radius of 12" or more to inside of bar).
HEAVY BENDING - #4 thru #18 Bars that are bent <6 Points, Radius Bent to 1 Radius, and bending not otherwise defined.

STIRRUP



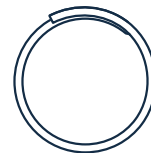
STIRRUP



CLOSED



OPEN

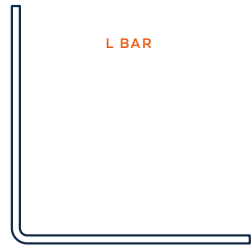


CIRCLE



TRIANGLE

SKU	UNIT	DESCRIPTION	BAR #	aSa BEND	PIECES P/BUNDLE	PIECES P/UNIT	BUNDLES P/UNIT	LBS P/UNIT
ITKOAMB	PALLET	#3 STIRRUP 6" X 18"	3	S9	30	1500	50	2,343.00
ITKOAMA	PALLET	#3 STIRRUP 6" X 24"	3	S9	30	1200	40	2,326.00
CB01406	PALLET	#3 STIRRUP 6" X 6"	3	T2	25	2000	80	2,008.00
CB01407	PALLET	#3 STIRRUP 6" X 12"	3	T2	25	1000	40	1,380.00
CB01408	PALLET	#3 STIRRUP 6" X 18"	3	T2	25	1250	50	2,195.00
CB01409	PALLET	#3 STIRRUP 6" X 24"	3	T2	25	1000	40	2,123.00
CB01410	PALLET	#3 STIRRUP 8" X 18"	3	T2	25	1000	40	1,880.00
CB01411	PALLET	#3 STIRRUP 8" X 24"	3	T2	25	1000	40	2,256.00
ITKOARH	PALLET	#3 STIRRUP 10" X 18"	3	T2	25	1000	40	2,007.00
ITKOARJ	PALLET	#3 TRIANGLE STIRRUP 6"X 6"X6"	3	T13	25	1000	40	815.00
CB01430	PALLET	#3 X 18 X 6 CLOSED	3	T2	25	500	20	878.00
CB01431	PALLET	#3 X 18 X 7 CLOSED	3	T2	25	500	20	908.00
CB01432	PALLET	#3 X 18 X 8 CLOSED	3	T2	25	500	20	940.00
CB01433	PALLET	#3 X 24 X 8 CLOSED	3	T2	25	500	20	1,128.00
CB01434	PALLET	#3 X 30 X 8 CLOSED	3	T2	25	500	20	1,316.00
CB01435	PALLET	#3 X 17 X 6 OPEN	3	S3	25	500	20	752.00
CB01436	PALLET	#3 X 18 X 6 OPEN	3	S3	25	500	20	748.00
CB01437	PALLET	#3 X 24 X 6 OPEN	3	S3	25	500	20	972.00
CB01438	PALLET	#3 X 30 X 6 OPEN	3	S3	25	500	20	1,160.00
CB01439	PALLET	#3 X 18 X 7 OPEN	3	S3	25	500	20	799.00
CB01440	PALLET	#3 X 24 X 7 OPEN	3	S3	25	500	20	987.00
ITK00UL	PALLET	#3 STIRRUP 6" X 12"	3	S9	10	500	50	626.00
ITK00UM	PALLET	#3 STIRRUP 6" X 18"	3	S9	10	500	50	814.00
ITK00UN	PALLET	#3 STIRRUP 6" X 19"	3	S9	10	500	50	846.00
ITK00UO	PALLET	#3 STIRRUP 6" X 21"	3	S9	10	500	50	908.00
ITK00UP	PALLET	#3 STIRRUP 6" X 23"	3	S9	10	500	50	972.00
ITK00UQ	PALLET	#3 STIRRUP 6" X 25"	3	S9	10	500	50	1,034.00
ITK00UR	PALLET	#3 STIRRUP 6" X 31"	3	S9	10	500	50	1,222.00
ITK00US	PALLET	#3 STIRRUP 6" X 35"	3	S9	10	500	50	1,348.00
ITK00UT	PALLET	#3 STIRRUP 6" X 37"	3	S9	10	500	50	1,410.00
ITK00UU	PALLET	#3 STIRRUP 6" X 41"	3	S9	10	500	50	1,536.00
ITK00UV	PALLET	#3 STIRRUP 6" X 43"	3	S9	10	500	50	1,598.00
ITK00UW	PALLET	#3 STIRRUP 6" X 45"	3	S9	10	500	50	1,660.00
ITK00UX	PALLET	#3 STIRRUP 6" X 47"	3	S9	10	500	50	1,724.00
ITK00UY	PALLET	#3 STIRRUP 6" X 49"	3	S9	10	500	50	1,786.00
ITK00XW	PALLET	#3 STIRRUP 6" X 12"	3	T2	200	1600	8	2,208.00
ITK00XX	PALLET	#3 STIRRUP 6" X 18"	3	T2	200	1200	6	2,107.00
ITK00XY	PALLET	#3 STIRRUP 6" X 24"	3	T2	200	1000	5	2,132.00
ITK00XZ	PALLET	#3 STIRRUP 6" X 30"	3	T2	200	800	4	2,006.00
ITK00Y0	PALLET	#3 STIRRUP 8" X 18"	3	T2	200	1200	6	2,256.00
ITK00Y1	PALLET	#3 STIRRUP 8" X 24"	3	T2	200	1000	5	2,256.00
ITK00Y2	PALLET	#3 CIRCLE 6" - (6" OVERLAP)	3	T3	200	2800	14	2,190.00
ITK00Y3	PALLET	#3 CIRCLE 12" - (6" OVERLAP)	3	T3	200	1600	8	2,208.00
ITK00Y4	PALLET	#3 CIRCLE 18" - (6" OVERLAP)	3	T3	200	1000	5	1,944.00
ITK01V2	PALLET	#3 CIRCLE 1' 6" - (12" OVERLAP)	3	T3	50	600	12	2,228.00



L BAR



U BAR

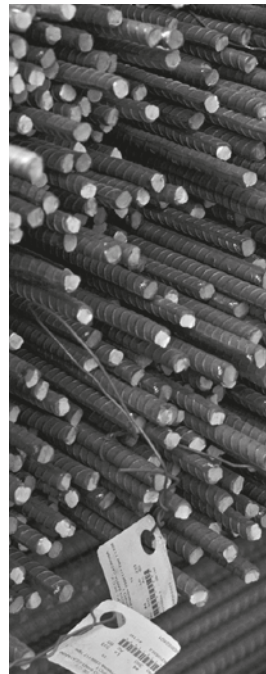
L BAR

SKU	UNIT	DESCRIPTION	BAR #	aSa BEND	PIECES P/BUNDLE	PIECES P/UNIT	BUNDLES P/UNIT	LBS P/UNIT
CB01441	PALLET	L BAR 5/8 - 24" X 24"	5	17	10	500	50	2,086.00
ITK00XU	PALLET	L BAR 1/2 - 18" X 18"	4	S10	10	1000	100	2,004.00
ITK00XV	PALLET	L BAR 5/8 - 24" X 24"	5	S10	50	500	10	2,086.00
ITK22ZT	PALLET	L BAR 1/2 - 12" X 36"	4	17	25	825	33	2,204.40

U BAR

SKU	UNIT	DESCRIPTION	BAR #	aSa BEND	PIECES P/BUNDLE	PIECES P/UNIT	BUNDLES P/UNIT	LBS P/UNIT
ITKOARM	PALLET	U BAR 6" X 12" X 6"	4	2	25	1000	40	1,336.00
ITK00XT	BAG	U BAR 1/2 - 6" X 12" X 6"	4	S10		2000		2,672.00

REBAR PIN



SKU	UNIT	DESCRIPTION	BAR #	aSa BEND	PIECES P/BUNDLE	PIECES P/UNIT	BUNDLES P/UNIT	LBS P/UNIT
CBB3L01	PALLET	REBAR PIN 3/8 - 1FT	3	STRAIGHT	100	6600	66	2,481.60
CBB3L02	PALLET	REBAR PIN 3/8 - 2FT	3	STRAIGHT	50	3200	64	2,406.40
CBB3L03	PALLET	REBAR PIN 3/8 - 3FT	3	STRAIGHT	50	2200	44	2,481.60
CBB3L04	PALLET	REBAR PIN 3/8 - 4FT	3	STRAIGHT	25	1650	66	2,481.60
CBB3L10	BUNDLE	REBAR PIN 3/8 - 10FT	3	STRAIGHT	266	266	1	1,000.16
CBB4L01	PALLET	REBAR PIN 4/8 - 1FT	4	STRAIGHT	50	3700	74	2,471.60
CBB4L02	PALLET	REBAR PIN 4/8 - 2FT	4	STRAIGHT	25	1800	72	2,404.80
CBB4L03	PALLET	REBAR PIN 4/8 - 3FT	4	STRAIGHT	25	1250	50	2,505.00
CBB4L04	PALLET	REBAR PIN 4/8 - 4FT	4	STRAIGHT	25	925	37	2,471.60
CBB4L10	BUNDLE	REBAR PIN 4/8 - 10FT	4	STRAIGHT	150	150	1	1,002.00
CBB5L10	BUNDLE	REBAR PIN 5/8 - 10FT	5	STRAIGHT	96	96	1	1,001.28
ITK01KZ	BUNDLE	REBAR PIN 3'-8"	3	STRAIGHT	266	266	1	367.00
ITK01KO	BUNDLE	REBAR PIN 4'-8"	3	STRAIGHT	266	266	1	467.00
ITK01K1	BUNDLE	REBAR PIN 7'-8"	3	STRAIGHT	266	266	1	767.00
ITK06TC	BUNDLE	REBAR PIN 4/8" - 7'-9"	4	STRAIGHT	100	100	1	518.00
ITK06TD	BUNDLE	REBAR PIN 4/8" - 8'-9"	4	STRAIGHT	100	100	1	584.00
ITK01K2	BUNDLE	REBAR PIN 9'-9"	3	STRAIGHT	266	266	1	976.00

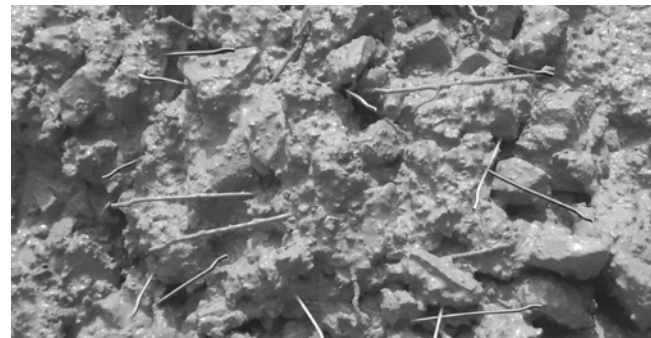
DOWEL



SKU	UNIT	DESCRIPTION	BAR #	aSa BEND	PIECES P/BUNDLE	PIECES P/UNIT	BUNDLES P/UNIT	LBS P/UNIT
ITK01EI	PALLET	3/8" X 18" ROUND DOWEL A36	3	SMOOTH/STRAIGHT	50	4000	80	2,256.00
ITK22HY	PALLET	1/2" X 10" ROUND DOWEL G60	4	SMOOTH/STRAIGHT	50	3900	78	2,171.00
ITK22RW	PALLET	1/2" X 18" ROUND DOWELS G60	4	SMOOTH/STRAIGHT	25	2000	80	2,004.00
ITK22RX	PALLET	1/2" X 24" ROUND DOWEL G60	4	SMOOTH/STRAIGHT	25	2000	80	2,672.00
ITK01FM	PALLET	1/2" X 18" ROUND DOWEL G60	4	SMOOTH/STRAIGHT	50	2200	44	2,204.19
ITK01FN	PALLET	1/2" X 24" ROUND DOWEL G60	4	SMOOTH/STRAIGHT	50	1650	33	2,204.19
ITK01FO	PALLET	3/4" X 18" ROUND DOWEL G60	6	SMOOTH/STRAIGHT	50	1000	20	2,252.78
ITKEABK	PALLET	3/4" X 24" ROUND DOWEL G60	6	SMOOTH/STRAIGHT	25	1000	40	3,004.00
ITK01FP	PALLET	1" X 18" ROUND DOWEL G60	8	SMOOTH/STRAIGHT	50	550	11	2,202.53
ITK01FQ	PALLET	1-1/4" X 18" ROUND DOWEL G60	10	SMOOTH/STRAIGHT	50	350	7	2,259.00

STEEL FIBERS

Our high strength steel fibers are filaments with hook ends used as reinforcing steel in concrete structures such as industrial floor and pavements, shotcrete, and precast elements. Made of low carbon wire, our steel fibers has polished and bright finish. Its length and diameter will depend on the required application.



RECOMMENDED USAGE

- Precast.
- Seamless floors.
- Industrial floors and pavements.
- Concrete slabs.



Our Fibers fully comply with the following standards, codes and specifications:

- NMX-C-488-ONNCCE-2014

Construction Industry (Steel Fibers for Concrete Reinforcement) Specifications and Test Methods.

- ASTM A-820

Standard Specification for Steel Fibers for Fiber Reinforced Concrete.

- EN 14889-1

Fibers for concrete. Part 1: Steel fibers. Definitions, specifications and conformity.

- ISO-13270

Steel Fibers for concrete - Definitions and specifications.

OFFERS SAVINGS IN LABOR COST UP TO 90% VS TRADITIONAL SYSTEMS

BENEFITS

- 01 QUALITY & DURABILITY**
Concrete reinforcement with Steel Fibers offers better quality and durability compared to traditional systems. Reduces surface permeability, dusting and wear.
- 02 OPTIMAL CRACK CONTROL**
Steel Fibers can increase the resistance to cracking, improving impact and fatigue resistance.
- 03 GREATER RESISTANCE TO IMPACT**
Because Steel Fibers are homogeneously distributed in the concrete, a three-dimensional reinforcement is formed that has the ability to absorb the tensile stresses to which the element is subjected.

MODEL L33-55

LENGTH L	DIAMETER d	ASPECT RATIO	PERFORMANCE
mm	mm	L/d	fibers/kg
33.0	0.55	60	16,100

MODEL L33-75

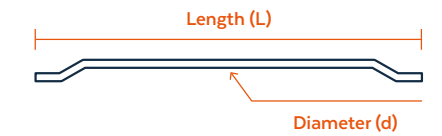
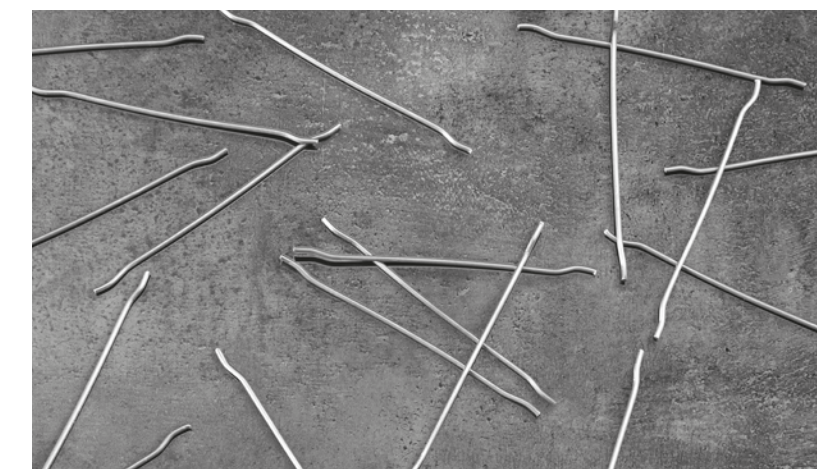
LENGTH L	DIAMETER d	ASPECT RATIO	PERFORMANCE
mm	mm	L/d	fibers/kg
33.0	0.75	44	8,600

MODEL P50-75

LENGTH L	DIAMETER d	ASPECT RATIO	PERFORMANCE
mm	mm	L/d	fibers/kg
50.0	0.75	67	5,700

MODEL P50-100

LENGTH L	DIAMETER d	ASPECT RATIO	PERFORMANCE
mm	mm	L/d	fibers/kg
50.0	1.00	50	3,200



PACKAGING

- 20 KG Boxes or 20 KG Bags
- 1,200 kg Polypropylene Bags

FIBER SPECIFICATIONS

Tensile Strength	151 - 176 ksi
Breaking Strength	15,100 kg/cm ²

TECHNICAL ASSISTANCE

We have a specialized team that can advise you on your project needs by calculating the type of Steel Fiber needed and its required dosage, ensuring better cost efficiency and optimum project performance.

PC STRAND

Our uncoated seven-wire for Prestressed Concrete Strand is manufactured under the highest quality standards from raw material selection, drawing, stranding, low relaxation, testing, and packaging processes. We offer our PC Strand in a wide range of sizes and grades for use in pretensioned and post-tensioned prestressed concrete construction.

Our PC Strand fully comply with the following specification:

- ASTM A-416

Standard Specification for Steel Strand, Uncoated Seven-Wire for Prestressed Concrete



01
02

RECOMMENDED USAGE

- Bridges girdes.
- Ground anchors.
- Segmental bridges.
- Mine and bolts.
- Building slabs.
- Stay cables.
- Parking garages.
- Piles and poles.

ENHANCES STABILITY TO CONCRETE STRUCTURES

BENEFITS

EXCELLENT STRAIGHTNESS

Easy to use and handle, offering less building cost and time.

CONSISTENT ELASTICITY

Low relaxation gives the strand a very consistent modulus of elasticity up to 80% of the strand's ultimate strength.



PC STRAND

DIAMETER		MIN. BREAKING STRENGTH		NOMINAL AREA		WEIGHT		STRENGTH AT 1%	
in	mm	kg	lbs-f	in ²	mm ²	kg/1000m	lbs/1000 ft	kg	lbs-f
0.50 (1/2")	12.70	18.73	41,300	0.153	98.7	775	520	16850	37170



FEATURES

- High carbon 7-wire strand
- Low relaxation strand
- Uncoated PC Strand
- Galvanized finish also available upon request

SPECIFICATIONS

Coil Weight	5,000 lbs (approx.)
Coil Length	270 kft
Tensile Strength	270 ksi
Minimum Elongation	3.5%

SUCCESSFUL COMPLETION & APPROVAL OF ASTM A1061 1000-HOUR RELAXATION TESTING

LEED CERTIFIED

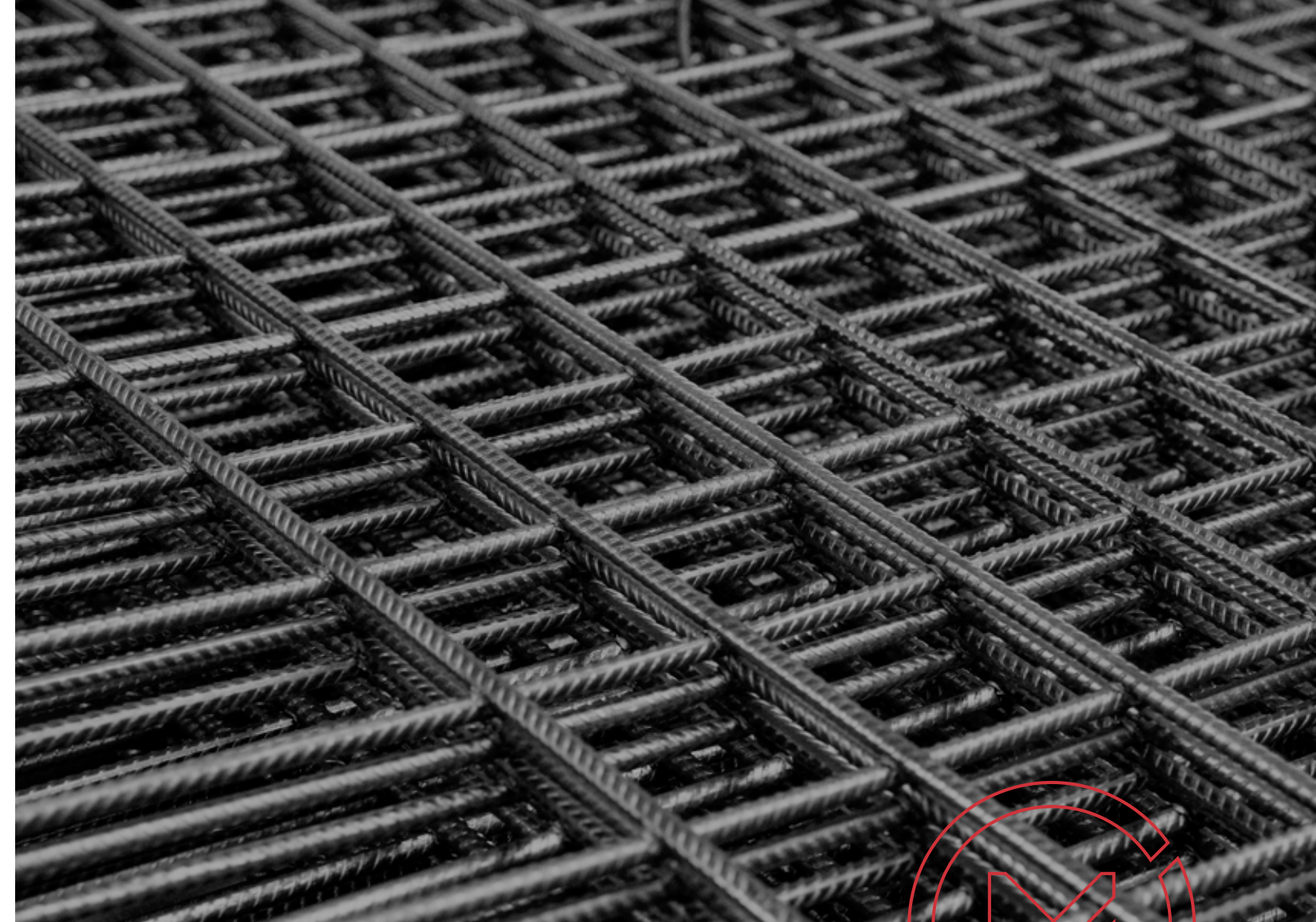


COMMITTED WITH SUSTAINABLE GROWTH.

Our products are manufactured under an innovative production process. Through the collection and recycling of scrap materials, we are able to produce high-quality steel in electric arc furnaces. It's a more environmentally friendly alternative, generating far fewer CO₂ emissions into the atmosphere. As a result, we have achieved one of the most impressive decarbonization rates in the US. Our strict energy consumption standards, extensive water recycling policy, and near-zero particulate emissions, minimizes the carbon footprint of our manufacturing and production facilities.

We are an active member of the US Green Building Council, the LEED certification regulatory entity for environmentally sustainable building projects. LEED certification promotes the use of recycled and recyclable goods such as DWR products, which are manufactured from recycled steel and are recyclable products. Our DWR products automatically qualifies for LEED credits MR 4.1 and MR 4.2. Support documentation is available upon request.

In addition, we are a proud member of the Post Tensioning Institute (PTI) and the Wire Reinforcement Institute (WRI).



mcswusa.com

WE SERVE THE CONSTRUCTION MARKET WITH A BROAD MIX OF SUPERIOR PRODUCTS AND FABRICATED STEEL REINFORCING SOLUTIONS.

- Tie Wire (3.5 lb)
- Grade 40 & Grade 60 Rebar (straight, coil & spools)
- Wire Coil Nails, MQB Nails, Plastic Strip Nails, Paper Tape Nails & Staples
- Angle, Flat & Round Bars
- I-Beam & Channels
- Steel Fibers
- Cut Dowels
- Fabricated Rebar (Cut Bar & Bent Bar)
- Fabricated Bars & Beams (Cuts & Punched in Bright, Galvanized, or Primed)
- Silt Fence Wire Backing
- PC Strand
- Welded Wire Reinforcement Mesh
- Black Annealed Wire (100 lb)
- Fencing Solutions (Chain Link Fence, Ornamental Fence & Woven Fences)
- Duplex Nails, Common Nails, Vinyl Sinkers, Masonry Nails & Spikes
- Stucco Netting (17 ga & 20 ga)
- Gabions
- Galvanized Welded Wire



BUILDING AND SECURING YOUR FUTURE.



dwreinforcing.com

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