

Example Structural Beam Catalog Number

Fields 4 and 9 = Space

S A 2 C 3 H D 0 9 6 0 0 S S S 0 0 0

Field 1 = Major
S = Structural

Fields 2 - 3 = Angle
Punching
A2 = Tx & Oh Round Hole
C2 = Tear Drop Hole

Field 5 = Gauge of Beam
6 = 0.061
4 = 0.069
3 = 0.085
5 = 0.090
2 = 0.102
0 = 0.128
C = Structural Channel

Field 6, 7 AND 8 Beam Depth
***** Structural
3LD = 3 X 3.5# per Ft
3HD = 3 X 4.1# per Ft
4LD = 4 X 4.5# per Ft
4HD = 4 X 5.4# per Ft
5LD = 5 X 6.7# per Ft
6LD = 6 X 8.2# per Ft
7LD = 7 X 9.8# per Ft
8LD = 8 X 11.5# per Ft
***** Roll Formed
250 = 2-1/2"
300 = 3"
331 = 3-5/16"
356 = 3-9/16"
418 = 4-3/16"
450 = 4-1/2"
500 = 5"
550 = 5-1/2"
600 = 6"

Field 10, 11 and 12 =
Beam Length.
Min Length = 48"
Max Length = 144"

Field 13 and 14 =
Fractional part of
the Beam Length
12 = .125
25 = .250
37 = .375
50 = .500
62 = .625
75 = .750
87 = .875

Field 15 = Orientation
and Punching
S = Standard
R = Reverse
T = Standard with Brace Hole
A = Punching for Pushback
and Dis-Charge Bumper
D = Punching for Pushback
C = Punching for Cross Bars
E = Reversed w/ Pallet Flow Angle

Field 16 = Weld
S = Standard
W = Weld All Around (Roll Form Only)
C = C - Weld (Roll Form Only)
X = Double Flang Weld (Structural Only)

Field 17 = Corner Angle
S = Standard
M = Larger Angle
A = Adj 3" Col. Only
T = HD 4" Col. Only
N = "M" HD 4" Col. Only
Y = HD Adj 4" Col. Only

Field 18 = Whole
inches of the
Beam Drop
0 = None
1 = 1"
2 = 2"
3 = 3"

Field 19 and 20 =
Fractional part of
the Beam Drop
00 = None
12 = .125
25 = .250
37 = .375
50 = .500
62 = .625
75 = .750
87 = .875

Note:

The standard angle for SA2, rnd hole; S or T = 8" M or N = 12" A = 8" Y = 11"
The standard angle for SC2, tear drop; S = 6" M = 8" A = 9" Y = 9"
If an adjustable corner angle is needed on a C3 post with Rnd hole punching, then the punching on the post will need to be 2" verticle punching.