



Amerikanische Breitflanspfähle

Abmessung: HP 8 gemäß
ASTM A6/A6M-11
Toleranzen: ASTM A6/A6M-11
Oberflächenbeschaffenheit gemäß
ASTM A6/A6M-11

American wide flange bearing piles

Dimensions: HP 8 according to
ASTM A6/A6M-11
Tolerances: ASTM A6/A6M-11
Surface condition according to
ASTM A6/A6M-11

Poutrelles-pieux américaines à larges ailes

Dimensions: HP 8 conforme à
ASTM A6/A6M-11
Tolérances: ASTM A6/A6M-11
Etat de surface conforme à
ASTM A6/A6M-11

| Bezeichnung Designation Désignation (imperial) | Abmessungen Dimensions | | | | | | Konstruktionsmaße Dimensions for detailing Dimensions de construction | | | | | | Oberfläche Surface | |
|---|---------------------------|---------|---------|----------------------|----------------------|---------|---|----------------------|---------|---------|------------------------|------------------------|-------------------------------------|-------------------------------------|
| | G lbs/ft | h mm | b mm | t _w mm | t _f mm | r mm | A mm ² | h ₁ mm | d mm | ∅ mm | P _{min} mm | P _{max} mm | A _L m ² /m | A _G m ² /t |

| | | | | | | x10 ² | | | | | | | | |
|-------------|----|-----|-----|------|------|------------------|-------|-----|-----|-----|----|-----|------|-------|
| HP 8 x 29*♣ | 29 | 200 | 205 | 9 | 9 | 10 | 54,14 | 182 | 162 | M24 | 96 | 112 | 1,18 | 27,88 |
| HP 8 x 36* | 36 | 204 | 207 | 11,3 | 11,3 | 10 | 68,40 | 181 | 161 | M24 | 98 | 114 | 1,20 | 22,36 |

* Die Mindestmengen pro Bestellung sowie die Lieferbedingungen sind im Voraus zu vereinbaren.

♣ Früheres Walzprofil.

◆ W_{pl,z}: Bei einer plastischen Bemessung muss das Profil der Klasse 1 oder 2, entsprechend der erforderlichen Rotationskapazität, angehören.

* Minimum tonnage and delivery conditions upon agreement.

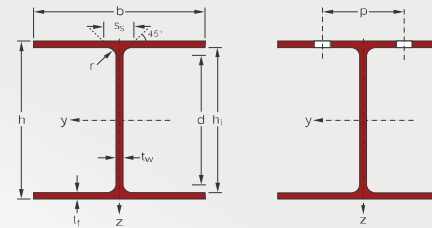
♣ Previous section.

◆ W_{pl,z}: For plastic design, the shape must belong to class 1 or 2 according to the required rotation capacity.

* Tonnage minimum et conditions de livraison nécessitent un accord préalable.

♣ Profilé antérieur.

◆ W_{pl,z}: Pour un dimensionnement plastique, la section doit appartenir à la classe 1 ou 2 suivant la capacité de rotation requise.



HP

| Bezeichnung Designation Désignation (metric) | Statische Kennwerte / Section properties / Valeurs statiques | | | | | | | | | | | | | Classification EN 1993-1-1 | | | |
|---|--|--------------------------------------|--|----------------------|------------------------------------|-----------------------------------|---|--|----------------------|----------------------|-----------------------------------|-----------------------------------|------|-------------------------------|------|---------------------|--|
| | starke Achse y-y strong axis y-y axe fort y-y | | | | | | schwache Achse z-z weak axis z-z axe faible z-z | | | | | | | pure bending y-y | | pure compression | |
| G kg/m | I _y mm ⁴ | W _{el,y} mm ³ | W _{pl,y} ◆ mm ³ | i _y mm | A _{wz} mm ² | I _z mm ⁴ | W _{el,z} mm ³ | W _{pl,z} ◆ mm ³ | i _z mm | s _w mm | t _f mm ⁴ | I _w mm ⁶ | S235 | S355 | S235 | S355 | |

| | x10 ⁴ | x10 ³ | x10 ³ | x10 | x10 ² | x10 ⁴ | x10 ³ | x10 ³ | x10 | | x10 ⁴ | x10 ⁶ | | | | | |
|-------------|------------------|------------------|------------------|-------|------------------|------------------|------------------|------------------|-------|------|------------------|------------------|-------|---|---|---|---|
| HP 200 x 43 | 43,0 | 3888 | 388,8 | 434,5 | 8,47 | 19,85 | 1294 | 126,2 | 193,4 | 4,89 | 38,7 | 17,68 | 117,9 | 3 | 3 | 3 | 3 |
| HP 200 x 53 | 53,0 | 4977 | 488,0 | 551,3 | 8,55 | 24,89 | 1673 | 161,7 | 248,6 | 4,96 | 45,6 | 34,20 | 155,1 | 1 | 3 | 1 | 3 |