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## Description

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1. **???? ??????? ?????? ??? ??????**
    - ????? ?????? ??????? ?????? (??? ?????? ?????? 25 ?? ?? ??? 75 ??)? ?????? ?????? ??????? ?? ?????? ???—??? ?????? ?????? ?????? ?????? ?????? ?????? ??????.
    - ????? ?????? ??????? ?????? (??? ?????? ?????? 100 ?? ?? ??? 125 ??)? ??????? ?? ??????. ?????? ?????? ??? ?? ?????? ?????? ?????? ??????.
  2. **??? ??????**
    - ?? ??????? ??? ?????? ??????? ??? ??????? ??? ??????. ??? ??? ??? ??? ??? ?? 30% ?? ?????? ??? ??? ??????.
    - ??????? ??? ?????? ??????? ??? ??? ??? ??? ?????? ?? ?????? ???. ??? ??? ?? ??? ?????? ??????—?????? ??? ?????? ?????? ??????.
  3. **??? ???????**

- ?????? ?????? ?????? ?? ??????? ?????????? ??? ??????? ?????????? ??? ?????? ?????? ??????
- ?????? ??? ?????. ??? ??? ????? ??????? ??????? ??? ?????????? ?????.
- ??????? ?????? ?????? ?????—?? ? ???? ????? ?????? ??????? ?????? ?????? ?????? ??????.

#### 4. ??????? ??????

- ?????? ??? ? ???? ?????? ??? ?????? ?????? ?????? ?????? ?????? ?????? ??????.
- ??????? ??? ???? ?????? ??? ?????? ?????? ?????? ?????? ?????—????? ?????? ??????.

#### 5. ????? ??????

- ??? ??????: ??????? ?????? (??? ??????? ??????? ?? ?????? ??????? ??????? ??????) ??? ?????? ??????? ??????. ?????? ?????? ?? ?????? ?????? ?? ?????? ?????? ?????? ?? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????).

#### 6. ????? ???????

- ?????? ?????? ?? ??? ?????? ??? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????).

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1. ?????? 1: ?? ?????? ?????? ?????? ?????? ?????? (OD ??????)? ?????? ?????? (ID ??????)? ?????? (L ??????).
2. ?????? 2: ??? ?????—?? ???? ?????? ?????? ?????? ?????? ?? ??? ?????? ?????? ?????? ?????? ?????? ?????? ?? ??? ?????? ?????? ?????? ??????).
3. ?????? 3: ??? ?????? (????? ?????? ?????? ??????: 7,850 ???/?<sup>3</sup>):  
  - ?????? = ? × (??? ?????/2)<sup>2</sup> × ????? × 7.85 × 10??
  - ?????? = ? × [(??? ?????? ??????/2)<sup>2</sup> – (??? ?????? ??????/2)<sup>2</sup>] × ????? × 7.85 × 10??
4. ?????? 4: ??? ?????? (????? ?? ??????).
5. ?????? 5: ??? ?????? ?????? (????? ?????? ?????? ?????? ?? ?????? ?????? ?????? ?????? ?????? 3,000/?????).
6. ?????? 6: ??? ??????—????? ?????? ?????? ??? ?????? ?????? ?????? ?? ?????? ?????? ??? ?????? ???.

?????: ??? ?????? 100 ??? ??? ?????? 50 ??? ??? 250 ?? . ?????? (??? ?????? 110 ??) ????  
 ?1,500 + ?6,000 ?????? = ?7,500. ?????? (??? ?????? 110 ??? ??? ?????? 55 ??) ???? ?1,450 +  
 ?3,000 ?????? = ?4,450. ?????? ??? 3,050 ???.

????? ?????? ?????? ??????:

- ??? ??? ?????? ?????? > 50% ?? ?????? ??????: ??? ??? ??????—????? ?????? ?????? ????
- ??? ??? ?????? ??????
- ??? ??? ?????? > 8x ?????? ??????: ?????? ?? ??? ?????? ?????? ?? ?????? ?????? ?????? ?????? ?????? (????? ?????? ???). ?????? ??? ??? ?????? ??????.
- ??? ??? ?????? ??? ?????? ???: ?????? ?????? ?? ??? ?????? ??? ??? ?????? ?????? ?????? ?????? ?????? ?????? ??????).

- 
- ??? ??? ?????? > 30%: ??? ?? ??????—????? ??? ?????? ??? ?? ??????

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?? ??? ?????? “????” ?????—?????? ?? ??????. ????? ?????? ?? ?????? ?????? ?? ?????? ?? ??????.

?? Steelmet Industries? ??? ??? ???????? ?? ?????? ??? ?????? ?????? ?????? ?????? ?????? ?????? ?? ?????? ?????? ??? ?????? ?????? [www.steelmet.in](http://www.steelmet.in) ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ?????? ??????.

?? ?? ?????? ?????? ?????? ?????? ?????? ??????—?? ?? ??? ?????? ?? ?? ?????? ?? ?? ?????? ?? ?? ?????!

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#### Category

1. Posts

#### Tags

1. Material Selection
2. ?????? ??????
3. manufacturing

#### Date

09/09/2025

#### Author

admin