1 Multi-Row Table without lines

Here we will see, how to merge many of the cells in the document.

| | | Hardness | | | | | | |
|------------|-----------|----------|----|--------|-----|------|-----|--|
| Surface | Material | Soft | | Medium | | Hard | | |
| | | Factors | | | | | | |
| | | A | В | A | В | A | В | |
| Base Metal | Cast Iron | 10 | 20 | 30 | 40 | 50 | 60 | |
| | Steel | 70 | 80 | 90 | 100 | 110 | 120 | |
| Dressing | Cast Iron | 10 | 20 | 30 | 40 | 50 | 60 | |
| | Steel | 70 | 80 | 90 | 100 | 110 | 120 | |
| S Dressing | Cast Iron | 10 | 20 | 30 | 40 | 50 | 60 | |
| | Steel | 70 | 80 | 90 | 100 | 110 | 120 | |

Table 1: Table of factor for use in speed formulas

2 Multi-Row Table WITH LINES

Here we will see, how to merge many of the cells in the document.

| | Material | Hardness | | | | | |
|------------|-----------|----------|----|--------|-----|------|-----|
| Surface | | Soft | | Medium | | Hard | |
| | | Factors | | | | | |
| | | A | В | A | В | A | В |
| Base Metal | Cast Iron | 10 | 20 | 30 | 40 | 50 | 60 |
| | Steel | 70 | 80 | 90 | 100 | 110 | 120 |
| Dressing | Cast Iron | 10 | 20 | 30 | 40 | 50 | 60 |
| | Steel | 70 | 80 | 90 | 100 | 110 | 120 |
| S Dressing | Cast Iron | 10 | 20 | 30 | 40 | 50 | 60 |
| | Steel | 70 | 80 | 90 | 100 | 110 | 120 |

Table 2: Table of factor for use in speed formulas

| | (| GGA | LDA | | |
|----------------|--------|-----------|--------|-----------|--|
| Reconstruction | Core d | Valence d | Core d | Valence d | |
| (4×1) | 0 | 5 | 1 | 2 | |
| (8×1) | -0.4 | -5 | -0.5 | -0.6 | |
| (4×2) | 36 | 48 | 5 | 15 | |
| (8×2) | 25 | 27 | -12 | 2 | |

Table 3: Table of factor for use in speed formulas