

4142 Modified PHT

NEW PRODUCT!

Deluxe Plate

Prehardened Alloy Steel

This 4142 modified, prehardened alloy steel plate is intended for all mechanical uses where improved machinability, uniform hardness and excellent flatness are required. Product hardness range is 262-321 Brinell.

Typical Analysis

| | | | |
|------------|----------|------------|-----|
| Carbon | .40 | Chromium | .95 |
| Manganese | .85 | Molybdenum | .20 |
| Phosphorus | .035 max | Silicon | .25 |
| Sulfur | .040 max | | |

Applications

This high quality prehardened alloy plate is intended for use in a variety of mechanical applications where the combination of good machinability and medium hardness is required. Specific applications include short run tools & dies, guide rails, back up plates and support tooling, jigs, fixtures and holder blocks to name a few.

Finish

Ground .015 to .035" OVERSIZE to a typical 50/75 rms.

Condition

Stress relieved and completely decarb free.

Sizes

Various sizes from 1/4" through 4" thick ~ 33" widths.



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