

Aplicación: Aceros en general y aluminio



- Especial aceros y aluminios
- Excelente acabado superficial
- Acero rápido

Máquinas



Aplicaciones

| | | | |
|---------------------------|-----------------------|-------------------------------|--------------------------------|
| N | P 1 | P 2 | P 3 |
| N- Aleaciones no ferrosas | P1- Aceros no aleados | P2- Aceros débilmente aleados | P3- Aceros fuertemente aleados |

Características



Propiedades y beneficios

+ Acero rápido: sustrato HSS Para uso general en aceros de baja dureza



| Codigo | EAN | Ø | d2 | L | l | Z | Cad | PCB |
|---------------|---------------|----|----|---|---|-----|-----|-----|
| 8031511020021 | 3221910607012 | 20 | 5 | | | 80 | 1 | 1 |
| 8031511020031 | 3221910607029 | 20 | 5 | | | 64 | 1 | 1 |
| 8031511020041 | 3221910607036 | 20 | 5 | | | 64 | 1 | 1 |
| 8031511020051 | 3221910607043 | 20 | 5 | | | 48 | 1 | 1 |
| 8031511020061 | 3221910607050 | 20 | 5 | | | 48 | 1 | 1 |
| 8031511020081 | 3221910607067 | 20 | 5 | | | 48 | 1 | 1 |
| 8031511020101 | 3221910607074 | 20 | 5 | | | 40 | 1 | 1 |
| 8031511020121 | 3221910607081 | 20 | 5 | | | 40 | 1 | 1 |
| 8031511020161 | 3221910607098 | 20 | 5 | | | 80 | 1 | 1 |
| 8031511025021 | 3221910607104 | 25 | 8 | | | 80 | 1 | 1 |
| 8031511025031 | 3221910607111 | 25 | 8 | | | 80 | 1 | 1 |
| 8031511025041 | 3221910607128 | 25 | 8 | | | 64 | 1 | 1 |
| 8031511025051 | 3221910607135 | 25 | 8 | | | 64 | 1 | 1 |
| 8031511025061 | 3221910607142 | 25 | 8 | | | 64 | 1 | 1 |
| 8031511025081 | 3221910607159 | 25 | 8 | | | 48 | 1 | 1 |
| 8031511025101 | 3221910607166 | 25 | 8 | | | 48 | 1 | 1 |
| 8031511025121 | 3221910607173 | 25 | 8 | | | 48 | 1 | 1 |
| 8031511025161 | 3221910607180 | 25 | 8 | | | 40 | 1 | 1 |
| 8031511032021 | 3221910607197 | 32 | 8 | | | 100 | 1 | 1 |
| 8031511032031 | 3221910607203 | 32 | 8 | | | 80 | 1 | 1 |
| 8031511032041 | 3221910607210 | 32 | 8 | | | 80 | 1 | 1 |
| 8031511032051 | 3221910607227 | 32 | 8 | | | 80 | 1 | 1 |
| 8031511032061 | 3221910607234 | 32 | 8 | | | 64 | 1 | 1 |
| 8031511032081 | 3221910607241 | 32 | 8 | | | 64 | 1 | 1 |
| 8031511032101 | 3221910607258 | 32 | 8 | | | 64 | 1 | 1 |

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| 8031511032121 | 3221910607265 | 32 | 8 | 48 | 1 | 1 |
| 8031511032161 | 3221910607272 | 32 | 8 | 48 | 1 | 1 |
| 8031511040021 | 3221910607289 | 40 | 10 | 128 | 1 | 1 |
| 8031511040031 | 3221910607296 | 40 | 10 | 100 | 1 | 1 |
| 8031511040041 | 3221910607302 | 40 | 10 | 100 | 1 | 1 |
| 8031511040051 | 3221910607319 | 40 | 10 | 80 | 1 | 1 |
| 8031511040061 | 3221910607326 | 40 | 10 | 80 | 1 | 1 |
| 8031511040081 | 3221910607333 | 40 | 10 | 80 | 1 | 1 |
| 8031511040101 | 3221910607340 | 40 | 10 | 64 | 1 | 1 |
| 8031511040121 | 3221910607357 | 40 | 10 | 64 | 1 | 1 |
| 8031511040161 | 3221910607364 | 40 | 10 | 64 | 1 | 1 |
| 8031511050051 | 3221910607371 | 50 | 13 | 100 | 1 | 1 |
| 8031511050061 | 3221910607388 | 50 | 13 | 100 | 1 | 1 |
| 8031511050081 | 3221910607395 | 50 | 13 | 80 | 1 | 1 |
| 8031511050101 | 3221910607401 | 50 | 13 | 80 | 1 | 1 |
| 8031511050121 | 3221910607418 | 50 | 13 | 80 | 1 | 1 |
| 8031511050161 | 3221910607425 | 50 | 13 | 64 | 1 | 1 |
| 8031511050201 | 3221910607432 | 50 | 13 | 64 | 1 | 1 |
| 8031511050251 | 3221910607449 | 50 | 13 | 64 | 1 | 1 |
| 8031511050301 | 3221910607456 | 50 | 13 | 48 | 1 | 1 |
| 8031511063051 | 3221910607463 | 63 | 16 | 128 | 1 | 1 |
| 8031511063061 | 3221910607470 | 63 | 16 | 100 | 1 | 1 |
| 8031511063081 | 3221910607487 | 63 | 16 | 100 | 1 | 1 |
| 8031511063101 | 3221910607494 | 63 | 16 | 100 | 1 | 1 |
| 8031511063121 | 3221910607500 | 63 | 16 | 80 | 1 | 1 |
| 8031511063161 | 3221910607517 | 63 | 16 | 80 | 1 | 1 |
| 8031511063201 | 3221910607524 | 63 | 16 | 80 | 1 | 1 |
| 8031511063251 | 3221910607531 | 63 | 16 | 64 | 1 | 1 |
| 8031511063301 | 3221910607548 | 63 | 16 | 64 | 1 | 1 |
| 8031511080051 | 3221910607555 | 80 | 27 | 128 | 1 | 1 |
| 8031511080061 | 3221910607562 | 80 | 27 | 128 | 1 | 1 |
| 8031511080081 | 3221910607579 | 80 | 27 | 128 | 1 | 1 |
| 8031511080101 | 3221910607586 | 80 | 27 | 100 | 1 | 1 |
| 8031511080121 | 3221910607593 | 80 | 27 | 100 | 1 | 1 |
| 8031511080161 | 3221910607609 | 80 | 27 | 100 | 1 | 1 |
| 8031511080201 | 3221910607616 | 80 | 27 | 80 | 1 | 1 |
| 8031511080251 | 3221910607623 | 80 | 27 | 80 | 1 | 1 |
| 8031511080301 | 3221910607630 | 80 | 27 | 80 | 1 | 1 |
| 8031511080401 | 3221910607647 | 80 | 27 | 64 | 1 | 1 |
| 8031511080501 | 3221910607654 | 80 | 27 | 64 | 1 | 1 |
| 8031511100051 | 3221910607661 | 100 | 27 | 160 | 1 | 1 |
| 8031511100061 | 3221910607678 | 100 | 27 | 160 | 1 | 1 |
| 8031511100081 | 3221910607685 | 100 | 27 | 128 | 1 | 1 |
| 8031511100101 | 3221910607692 | 100 | 27 | 128 | 1 | 1 |
| 8031511100121 | 3221910607708 | 100 | 27 | 128 | 1 | 1 |
| 8031511100161 | 3221910607715 | 100 | 27 | 100 | 1 | 1 |
| 8031511100201 | 3221910607722 | 100 | 27 | 100 | 1 | 1 |
| 8031511100251 | 3221910607739 | 100 | 27 | 100 | 1 | 1 |
| 8031511100301 | 3221910607746 | 100 | 27 | 80 | 1 | 1 |
| 8031511100401 | 3221910607753 | 100 | 27 | 80 | 1 | 1 |
| 8031511100501 | 3221910607760 | 100 | 27 | 80 | 1 | 1 |
| 8031511125101 | 3221910607777 | 125 | 27 | 160 | 1 | 1 |
| 8031511125121 | 3221910607784 | 125 | 27 | 128 | 1 | 1 |
| 8031511125161 | 3221910607791 | 125 | 27 | 128 | 1 | 1 |
| 8031511125201 | 3221910607807 | 125 | 27 | 128 | 1 | 1 |
| 8031511125251 | 3221910607814 | 125 | 27 | 100 | 1 | 1 |
| 8031511125301 | 3221910607821 | 125 | 27 | 100 | 1 | 1 |
| 8031511125401 | 3221910607838 | 125 | 27 | 100 | 1 | 1 |
| 8031511125501 | 3221910607845 | 125 | 27 | 80 | 1 | 1 |
| 8031511160101 | 3221910607852 | 160 | 32 | 160 | 1 | 1 |
| 8031511160161 | 3221910607869 | 160 | 32 | 128 | 1 | 1 |
| 8031511160201 | 3221910607876 | 160 | 32 | 128 | 1 | 1 |
| 8031511160251 | 3221910607883 | 160 | 32 | 128 | 1 | 1 |
| 8031511160301 | 3221910607890 | 160 | 32 | 100 | 1 | 1 |
| 8031511160401 | 3221910607906 | 160 | 32 | 100 | 1 | 1 |

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|---------------|---------------|-----|----|-----|---|---|
| 8031511160501 | 3221910607913 | 160 | 32 | 100 | 1 | 1 |
| 8031511200101 | 3221910607920 | 200 | 32 | 200 | 1 | 1 |
| 8031511200161 | 3221910607937 | 200 | 32 | 160 | 1 | 1 |
| 8031511200201 | 3221910607944 | 200 | 32 | 160 | 1 | 1 |
| 8031511200251 | 3221910607951 | 200 | 32 | 160 | 1 | 1 |
| 8031511200301 | 3221910607968 | 200 | 32 | 128 | 1 | 1 |
| 8031511200401 | 3221910607975 | 200 | 32 | 128 | 1 | 1 |
| 8031511200501 | 3221910607982 | 200 | 32 | 128 | 1 | 1 |
| 8031511250201 | 3221910607999 | 250 | 32 | 200 | 1 | 1 |
| 8031511250251 | 3221910608002 | 250 | 32 | 160 | 1 | 1 |
| 8031511250301 | 3221910608019 | 250 | 32 | 160 | 1 | 1 |
| 8031511250401 | 3221910608026 | 250 | 32 | 160 | 1 | 1 |
| 8031511250501 | 3221910608033 | 250 | 32 | 128 | 1 | 1 |