



| RELAÇÃO DO AÇO | | | | | | |
|----------------|-----|---|------|----|-----------|--------------|
| ELEMENTO | AÇO | N | DIAM | Q | UNIT (cm) | C TOTAL (cm) |
| P11-L2 | 60 | 1 | 5.0 | 25 | 99 | 3475 |
| P11-L2 | 60 | 2 | 5.0 | 50 | 23 | 1150 |
| P11-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P12-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P12-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P12-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P13-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P13-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P13-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P19-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P19-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P19-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P20-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P20-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P20-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P21-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P21-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P21-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P11-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P11-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P11-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P12-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P12-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P12-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P13-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P13-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P13-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P19-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P19-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P19-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P20-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P20-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P20-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P21-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P21-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P21-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P36-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P36-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P36-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P37-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P37-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P37-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P38-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P38-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P38-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P39-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P39-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P39-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P36-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P36-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P36-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P37-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P37-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P37-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P38-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P38-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P38-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P39-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P39-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P39-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P47-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P47-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P47-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P51-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P51-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P51-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P52-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P52-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P52-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P53-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P53-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P53-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P54-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P54-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P54-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P55-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P55-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P55-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P47-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P47-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P47-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P51-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P51-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P51-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P52-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P52-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P52-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P53-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P53-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P53-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P54-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P54-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P54-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P55-L1 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P55-L1 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P55-L1 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P67-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P67-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P67-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P68-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P68-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P68-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P69-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P69-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P69-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P70-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P70-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P70-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P71-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P71-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P71-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P72-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P72-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P72-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P73-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P73-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P73-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |

| RELAÇÃO DO AÇO | | | | | | |
|----------------|-----|---|------|----|-----------|--------------|
| ELEMENTO | AÇO | N | DIAM | Q | UNIT (cm) | C TOTAL (cm) |
| P74-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P74-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P74-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P75-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P75-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P75-L2 | 60 | 3 | 10.0 | 50 | 337 | 2022 |
| P76-L2 | 60 | 1 | 5.0 | 25 | 99 | 2871 |
| P76-L2 | 60 | 2 | 5.0 | 50 | 23 | 927 |
| P76-L2 | 60 | 3 | 1 | | | |