



| RODAS | | | | | | | | GARFOS/FIXAÇÃO | | | | | |
|-----------|---------------------|--------------------|---------------------|-------------------|-------------------|-------------------|------------|----------------|------------|-------------|-------------|--------------|--------------|
| CÓDIGO | DIÂMETRO RODA (pol) | LARGURA RODA (pol) | DIÂMETRO EIXO (pol) | LARGURA EIXO (mm) | ALTURA TOTAL (mm) | RAIO DE GIRO (mm) | CARGA (kg) | GL | FL | GLE | FLE | GLEL | FLEL |
| R 312 BP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 BP | FL 312 BP | GLE 312 BP | FLE 312 BP | GLEL 312 BP | FLEL 312 BP |
| R 312 TP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 TP | FL 312 TP | GLE 312 TP | FLE 312 TP | GLEL 312 TP | FLEL 312 TP |
| R 312 UP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 80 | GL 312 UP | FL 312 UP | GLE 312 UP | FLE 312 UP | GLEL 312 UP | FLEL 312 UP |
| R 312 SP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 SP | FL 312 SP | GLE 312 SP | FLE 312 SP | GLEL 312 SP | FLEL 312 SP |
| R 312 NT | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 150 | GL 312 NT | FL 312 NT | GLE 312 NT | FLE 312 NT | GLEL 312 NT | FLEL 312 NT |
| R 312 NTT | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 150 | GL 312 NTT | FL 312 NTT | GLE 312 NTT | FLE 312 NTT | GLEL 312 NTT | FLEL 312 NTT |
| R 312 NP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 80 | GL 312 NP | FL 312 NP | GLE 312 NP | FLE 312 NP | GLEL 312 NP | FLEL 312 NP |
| R 312 NPP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 NPP | FL 312 NPP | GLE 312 NPP | FLE 312 NPP | GLEL 312 NPP | FLEL 312 NPP |
| R 312 BPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 BPN | FL 312 BPN | GLE 312 BPN | FLE 312 BPN | GLEL 312 BPN | FLEL 312 BPN |
| R 312 TPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 TPN | FL 312 TPN | GLE 312 TPN | FLE 312 TPN | GLEL 312 TPN | FLEL 312 TPN |
| R 312 UPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 80 | GL 312 UPN | FL 312 UPN | GLE 312 UPN | FLE 312 UPN | GLEL 312 UPN | FLEL 312 UPN |
| R 312 SPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 SPN | FL 312 SPN | GLE 312 SPN | FLE 312 SPN | GLEL 312 SPN | FLEL 312 SPN |
| R 312 NTN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 150 | GL 312 NTN | FL 312 NTN | GLE 312 NTN | FLE 312 NTN | GLEL 312 NTN | FLEL 312 NTN |
| R 312 NPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 80 | GL 312 NPN | FL 312 NPN | GLE 312 NPN | FLE 312 NPN | GLEL 312 NPN | FLEL 312 NPN |
| R 312 BPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 BPE | FL 312 BPE | GLE 312 BPE | FLE 312 BPE | GLEL 312 BPE | FLEL 312 BPE |
| R 312 TPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 65 | GL 312 TPE | FL 312 TPE | GLE 312 TPE | FLE 312 TPE | GLEL 312 TPE | FLEL 312 TPE |
| R 312 UPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 UPE | FL 312 UPE | GLE 312 UPE | FLE 312 UPE | GLEL 312 UPE | FLEL 312 UPE |
| R 312 SPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 65 | GL 312 SPE | FL 312 SPE | GLE 312 SPE | FLE 312 SPE | GLEL 312 SPE | FLEL 312 SPE |

| RODAS | | | | | | | | GARFOS/FIXAÇÃO | | | | | |
|-----------------|---------------------|--------------------|---------------------|-------------------|-------------------|-------------------|------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|
| CÓDIGO | DIÂMETRO RODA (pol) | LARGURA RODA (pol) | DIÂMETRO EIXO (pol) | LARGURA EIXO (mm) | ALTURA TOTAL (mm) | RAIO DE GIRO (mm) | CARGA (kg) | GL | FL | GLE | FLE | GLEL | FLEL |
| R 312 NTE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 NTE | FL 312 NTE | GLE 312 NTE | FLE 312 NTE | GLEL 312 NTE | FLEL 312 NTE |
| R 312 NPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 NPE | FL 312 NPE | GLE 312 NPE | FLE 312 NPE | GLEL 312 NPE | FLEL 312 NPE |
| R 312 BIN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 50 | GL 312 BIN | FL 312 BIN | GLE 312 BIN | FLE 312 BIN | GLEL 312 BIN | FLEL 312 BIN |
| R 312 C | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 150 | GL 312 C | FL 312 C | GLE 312 C | FLE 312 C | GLEL 312 C | FLEL 312 C |
| R 312 TM | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 TM | FL 312 TM | GLE 312 TM | FLE 312 TM | GLEL 312 TM | FLEL 312 TM |
| R BDN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 50 | GL 312 BDN | FL 312 BDN | GLE 312 BDN | FLE 312 BDN | GLEL 312 BDN | FLEL 312 BDN |
| R 312 FN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 170 | GL 312 FN | FL 312 FN | GLE 312 FN | FLE 312 FN | GLEL 312 FN | FLEL 312 FN |
| R 312 PN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 170 | GL 312 PN | FL 312 PN | GLE 312 PN | FLE 312 PN | GLEL 312 PN | FLEL 312 PN |
| R 312 BN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 90 | GL 312 BN | FL 312 BN | GLE 312 BN | FLE 312 BN | GLEL 312 BN | FLEL 312 BN |
| R 312 ROUND BP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 ROUND BP | FL 312 ROUND BP | GLE 312 ROUND BP | FLE 312 ROUND BP | GLEL 312 ROUND BP | FLEL 312 ROUND BP |
| R 312 ROUND TP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 ROUND TP | FL 312 ROUND TP | GLE 312 ROUND TP | FLE 312 ROUND TP | GLEL 312 ROUND TP | FLEL 312 ROUND TP |
| R 312 ROUND UP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 80 | GL 312 ROUND UP | FL 312 ROUND UP | GLE 312 ROUND UP | FLE 312 ROUND UP | GLEL 312 ROUND UP | FLEL 312 ROUND UP |
| R 312 ROUND SP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 ROUND SP | FL 312 ROUND SP | GLE 312 ROUND SP | FLE 312 ROUND SP | GLEL 312 ROUND SP | FLEL 312 ROUND SP |
| R 312 ROUND NT | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 150 | GL 312 ROUND NT | FL 312 ROUND NT | GLE 312 ROUND NT | FLE 312 ROUND NT | GLEL 312 ROUND NT | FLEL 312 ROUND NT |
| R 312 ROUND NP | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 80 | GL 312 ROUND NP | FL 312 ROUND NP | GLE 312 ROUND NP | FLE 312 ROUND NP | GLEL 312 ROUND NP | FLEL 312 ROUND NP |
| R 312 ROUND BPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 ROUND BPN | FL 312 ROUND BPN | GLE 312 ROUND BPN | FLE 312 ROUND BPN | GLEL 312 ROUND BPN | FLEL 312 ROUND BPN |
| R 312 ROUND TPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 70 | GL 312 ROUND TPN | FL 312 ROUND TPN | GLE 312 ROUND TPN | FLE 312 ROUND TPN | GLEL 312 ROUND TPN | FLEL 312 ROUND TPN |
| R 312 ROUND UPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 80 | GL 312 ROUND UPN | FL 312 ROUND UPN | GLE 312 ROUND UPN | FLE 312 ROUND UPN | GLEL 312 ROUND UPN | FLEL 312 ROUND UPN |
| R 312 ROUND SPN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 60 | GL 312 ROUND SPN | FL 312 ROUND SPN | GLE 312 ROUND SPN | FLE 312 ROUND SPN | GLEL 312 ROUND SPN | FLEL 312 ROUND SPN |
| R 312 ROUND NTN | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 150 | GL 312 ROUND NTN | FL 312 ROUND NTN | GLE 312 ROUND NTN | FLE 312 ROUND NTN | GLEL 312 ROUND NTN | FLEL 312 ROUND NTN |
| R 312 ROUND BPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | 80 | GL 312 ROUND BPE | FL 312 ROUND BPE | GLE 312 ROUND BPE | FLE 312 ROUND BPE | GLEL 312 ROUND BPE | FLEL 312 ROUND BPE |
| R 312 ROUND TPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | x | GL 312 ROUND TPE | FL 312 ROUND TPE | GLE 312 ROUND TPE | FLE 312 ROUND TPE | GLEL 312 ROUND TPE | FLEL 312 ROUND TPE |
| R 312 ROUND UPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | x | GL 312 ROUND UPE | FL 312 ROUND UPE | GLE 312 ROUND UPE | FLE 312 ROUND UPE | GLEL 312 ROUND UPE | FLEL 312 ROUND UPE |
| R 312 ROUND SPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | x | GL 312 ROUND SPE | FL 312 ROUND SPE | GLE 312 ROUND SPE | FLE 312 ROUND SPE | GLEL 312 ROUND SPE | FLEL 312 ROUND SPE |
| R 312 ROUND NTE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | x | GL 312 ROUND NTE | FL 312 ROUND NTE | GLE 312 ROUND NTE | FLE 312 ROUND NTE | GLEL 312 ROUND NTE | FLEL 312 ROUND NTE |
| R 312 ROUND NPE | 3" | 1.1/4" | 5/16" | 38 | 103 | 66 | x | GL 312 ROUND NPE | FL 312 ROUND NPE | GLE 312 ROUND NPE | FLE 312 ROUND NPE | GLEL 312 ROUND NPE | FLEL 312 ROUND NPE |
| R 412 BP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 65 | GL 412 BP | FL 412 BP | GLE 412 BP | FLE 412 BP | GLEL 412 BP | FLEL 412 BP |

| RODAS | | | | | | | | GARFOS/FIXAÇÃO | | | | | |
|----------------|---------------------|--------------------|---------------------|-------------------|-------------------|-------------------|------------|-----------------|-----------------|------------------|------------------|-------------------|-------------------|
| CÓDIGO | DIÂMETRO RODA (pol) | LARGURA RODA (pol) | DIÂMETRO EIXO (pol) | LARGURA EIXO (mm) | ALTURA TOTAL (mm) | RAIO DE GIRO (mm) | CARGA (kg) | GL | FL | GLE | FLE | GLEL | FLEL |
| R 412 TP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 80 | GL 412 TP | FL 412 TP | GLE 412 TP | FLE 412 TP | GLEL 412 TP | FLEL 412 TP |
| R 412 BP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 90 | GL 412 BP | FL 412 BP | GLE 412 BP | FLE 412 BP | GLEL 412 BP | FLEL 412 BP |
| R 412 TP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 65 | GL 412 TP | FL 412 TP | GLE 412 TP | FLE 412 TP | GLEL 412 TP | FLEL 412 TP |
| R 412 UP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 170 | GL 412 UP | FL 412 UP | GLE 412 UP | FLE 412 UP | GLEL 412 UP | FLEL 412 UP |
| R 412 SP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | x | GL 412 SP | FL 412 SP | GLE 412 SP | FLE 412 SP | GLEL 412 SP | FLEL 412 SP |
| R 412 NT | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 90 | GL 412 NT | FL 412 NT | GLE 412 NT | FLE 412 NT | GLEL 412 NT | FLEL 412 NT |
| R 412 NTT | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 80 | GL 412 NTT | FL 412 NTT | GLE 412 NTT | FLE 412 NTT | GLEL 412 NTT | FLEL 412 NTT |
| R 412 NP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 85 | GL 412 NP | FL 412 NP | GLE 412 NP | FLE 412 NP | GLEL 412 NP | FLEL 412 NP |
| R 412 NPP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 100 | GL 412 NPP | FL 412 NPP | GLE 412 NPP | FLE 412 NPP | GLEL 412 NPP | FLEL 412 NPP |
| R 412 BPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 BPN | FL 412 BPN | GLE 412 BPN | FLE 412 BPN | GLEL 412 BPN | FLEL 412 BPN |
| R 412 TPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 100 | GL 412 TPN | FL 412 TPN | GLE 412 TPN | FLE 412 TPN | GLEL 412 TPN | FLEL 412 TPN |
| R 412 UPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 UPN | FL 412 UPN | GLE 412 UPN | FLE 412 UPN | GLEL 412 UPN | FLEL 412 UPN |
| R 412 SPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 SPN | FL 412 SPN | GLE 412 SPN | FLE 412 SPN | GLEL 412 SPN | FLEL 412 SPN |
| R 412 NTN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 85 | GL 412 NTN | FL 412 NTN | GLE 412 NTN | FLE 412 NTN | GLEL 412 NTN | FLEL 412 NTN |
| R 412 NPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 100 | GL 412 NPN | FL 412 NPN | GLE 412 NPN | FLE 412 NPN | GLEL 412 NPN | FLEL 412 NPN |
| R 412 BPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 BPE | FL 412 BPE | GLE 412 BPE | FLE 412 BPE | GLEL 412 BPE | FLEL 412 BPE |
| R 412 TPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 85 | GL 412 TPE | FL 412 TPE | GLE 412 TPE | FLE 412 TPE | GLEL 412 TPE | FLEL 412 TPE |
| R 412 UPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 170 | GL 412 UPE | FL 412 UPE | GLE 412 UPE | FLE 412 UPE | GLEL 412 UPE | FLEL 412 UPE |
| R 412 SPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 SPE | FL 412 SPE | GLE 412 SPE | FLE 412 SPE | GLEL 412 SPE | FLEL 412 SPE |
| R 412 NTE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 80 | GL 412 NTE | FL 412 NTE | GLE 412 NTE | FLE 412 NTE | GLEL 412 NTE | FLEL 412 NTE |
| R 412 NPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 60 | GL 412 NPE | FL 412 NPE | GLE 412 NPE | FLE 412 NPE | GLEL 412 NPE | FLEL 412 NPE |
| R 412 TM | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 60 | GL 412 TM | FL 412 TM | GLE 412 TM | FLE 412 TM | GLEL 412 TM | FLEL 412 TM |
| R 412 BIN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 65 | GL 412 BIN | FL 412 BIN | GLE 412 BIN | FLE 412 BIN | GLEL 412 BIN | FLEL 412 BIN |
| R 412 BDN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 80 | GL 412 BDN | FL 412 BDN | GLE 412 BDN | FLE 412 BDN | GLEL 412 BDN | FLEL 412 BDN |
| R 412 ROUND UP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 90 | GL 412 ROUND UP | FL 412 ROUND UP | GLE 412 ROUND UP | FLE 412 ROUND UP | GLEL 412 ROUND UP | FLEL 412 ROUND UP |
| R 412 ROUND SP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 65 | GL 412 ROUND SP | FL 412 ROUND SP | GLE 412 ROUND SP | FLE 412 ROUND SP | GLEL 412 ROUND SP | FLEL 412 ROUND SP |
| R 412 ROUND NT | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 170 | GL 412 ROUND NT | FL 412 ROUND NT | GLE 412 ROUND NT | FLE 412 ROUND NT | GLEL 412 ROUND NT | FLEL 412 ROUND NT |

| RODAS | | | | | | | | GARFOS/FIXAÇÃO | | | | | |
|-----------------|---------------------|--------------------|---------------------|-------------------|-------------------|-------------------|------------|------------------|------------------|-------------------|-------------------|--------------------|--------------------|
| CÓDIGO | DIÂMETRO RODA (pol) | LARGURA RODA (pol) | DIÂMETRO EIXO (pol) | LARGURA EIXO (mm) | ALTURA TOTAL (mm) | RAIO DE GIRO (mm) | CARGA (kg) | GL | FL | GLE | FLE | GLEL | FLEL |
| R 412 ROUND NP | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 90 | GL 412 ROUND NP | FL 412 ROUND NP | GLE 412 ROUND NP | FLE 412 ROUND NP | GLEL 412 ROUND NP | FLEL 412 ROUND NP |
| R 412 ROUND BPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 85 | GL 412 ROUND BPN | FL 412 ROUND BPN | GLE 412 ROUND BPN | FLE 412 ROUND BPN | GLEL 412 ROUND BPN | FLEL 412 ROUND BPN |
| R 412 ROUND TPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 100 | GL 412 ROUND TPN | FL 412 ROUND TPN | GLE 412 ROUND TPN | FLE 412 ROUND TPN | GLEL 412 ROUND TPN | FLEL 412 ROUND TPN |
| R 412 ROUND UPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 ROUND UPN | FL 412 ROUND UPN | GLE 412 ROUND UPN | FLE 412 ROUND UPN | GLEL 412 ROUND UPN | FLEL 412 ROUND UPN |
| R 412 ROUND SPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 100 | GL 412 ROUND SPN | FL 412 ROUND SPN | GLE 412 ROUND SPN | FLE 412 ROUND SPN | GLEL 412 ROUND SPN | FLEL 412 ROUND SPN |
| R 412 ROUND NTN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 ROUND NTN | FL 412 ROUND NTN | GLE 412 ROUND NTN | FLE 412 ROUND NTN | GLEL 412 ROUND NTN | FLEL 412 ROUND NTN |
| R 412 ROUND NPN | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 ROUND NPN | FL 412 ROUND NPN | GLE 412 ROUND NPN | FLE 412 ROUND NPN | GLEL 412 ROUND NPN | FLEL 412 ROUND NPN |
| R 412 ROUND BPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 85 | GL 412 ROUND BPE | FL 412 ROUND BPE | GLE 412 ROUND BPE | FLE 412 ROUND BPE | GLEL 412 ROUND BPE | FLEL 412 ROUND BPE |
| R 412 ROUND TPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 100 | GL 412 ROUND TPE | FL 412 ROUND TPE | GLE 412 ROUND TPE | FLE 412 ROUND TPE | GLEL 412 ROUND TPE | FLEL 412 ROUND TPE |
| R 412 ROUND UPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 ROUND UPE | FL 412 ROUND UPE | GLE 412 ROUND UPE | FLE 412 ROUND UPE | GLEL 412 ROUND UPE | FLEL 412 ROUND UPE |
| R 412 ROUND SPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 85 | GL 412 ROUND SPE | FL 412 ROUND SPE | GLE 412 ROUND SPE | FLE 412 ROUND SPE | GLEL 412 ROUND SPE | FLEL 412 ROUND SPE |
| R 412 ROUND NTE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 170 | GL 412 ROUND NTE | FL 412 ROUND NTE | GLE 412 ROUND NTE | FLE 412 ROUND NTE | GLEL 412 ROUND NTE | FLEL 412 ROUND NTE |
| R 412 ROUND NPE | 4" | 1.1/4" | 5/16" | 38 | 126 | 78 | 125 | GL 412 ROUND NPE | FL 412 ROUND NPE | GLE 412 ROUND NPE | FLE 412 ROUND NPE | GLEL 412 ROUND NPE | FLEL 412 ROUND NPE |
| R 512 BP | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 75 | GL 512 BP | FL 512 BP | GLE 512 BP | FLE 512 BP | GLEL 512 BP | FLEL 512 BP |
| R 512 TP | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 90 | GL 512 TP | FL 512 TP | GLE 512 TP | FLE 512 TP | GLEL 512 TP | FLEL 512 TP |
| R 512 UP | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 100 | GL 512 UP | FL 512 UP | GLE 512 UP | FLE 512 UP | GLEL 512 UP | FLEL 512 UP |
| R 512 SP | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 75 | GL 512 SP | FL 512 SP | GLE 512 SP | FLE 512 SP | GLEL 512 SP | FLEL 512 SP |
| R 512 NT | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 170 | GL 512 NT | FL 512 NT | GLE 512 NT | FLE 512 NT | GLEL 512 NT | FLEL 512 NT |
| R 512 NTT | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 170 | GL 512 NTT | FL 512 NTT | GLE 512 NTT | FLE 512 NTT | GLEL 512 NTT | FLEL 512 NTT |
| R 512 NP | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 100 | GL 512 NP | FL 512 NP | GLE 512 NP | FLE 512 NP | GLEL 512 NP | FLEL 512 NP |
| R 512 NPP | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 100 | GL 512 NPP | FL 512 NPP | GLE 512 NPP | FLE 512 NPP | GLEL 512 NPP | FLEL 512 NPP |
| R 512 BPE | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 115 | GL 512 BPE | FL 512 BPE | GLE 512 BPE | FLE 512 BPE | GLEL 512 BPE | FLEL 512 BPE |
| R 512 TPE | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 125 | GL 512 TPE | FL 512 TPE | GLE 512 TPE | FLE 512 TPE | GLEL 512 TPE | FLEL 512 TPE |
| R 512 UPE | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 150 | GL 512 UPE | FL 512 UPE | GLE 512 UPE | FLE 512 UPE | GLEL 512 UPE | FLEL 512 UPE |
| R 512 SPE | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 115 | GL 512 SPE | FL 512 SPE | GLE 512 SPE | FLE 512 SPE | GLEL 512 SPE | FLEL 512 SPE |
| R 512 NTE | 5" | 1.1/4" | 5/16" | 38 | 156 | 102 | 170 | GL 512 NTE | FL 512 NTE | GLE 512 NTE | FLE 512 NTE | GLEL 512 NTE | FLEL 512 NTE |