#25 CONTACT

FOR .015-.020 DIAMETER PINS (δ=.003)
3-FINGER, GROUP A (see page 214)

CONTACT PRESS–FIT INTO SHELL

.031 DIA.

SHOULDER PREFERRED TO ASSIST ASSEMBLY

.075

.038

MINIMUM DIAMETER

PRECISION MACHINED SHELL (CUSTOM DESIGNS WELCOME)
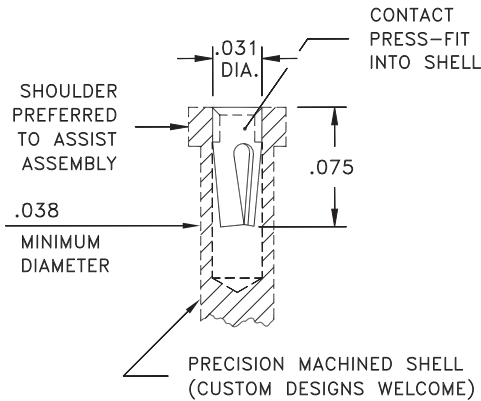
CONTACT MATERIAL:
BERYLLIUM NICKEL Alloy 360, Heat Treated
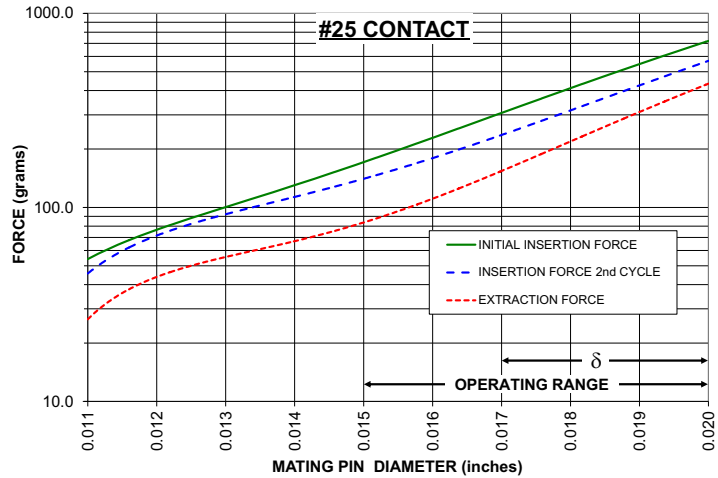
#25 CONTACT — FORCE (grams) vs MATING PIN DIAMETER (inches)
- INITIAL INSERTION FORCE
- INSERTION FORCE 2nd CYCLE
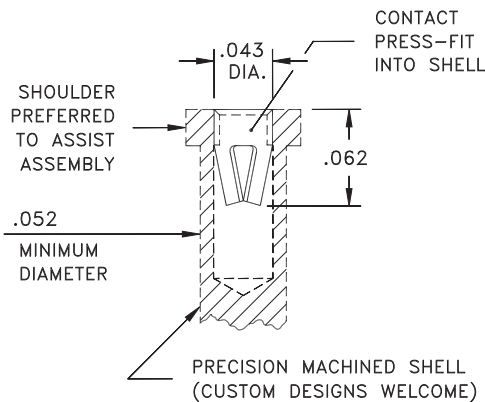- EXTRACTION FORCE
- OPERATING RANGE, δ

The insertion/extraction/normal force characteristics above were derived using 30 microinch gold plated contact and polished steel gauge pins having a bullet-shaped tip.
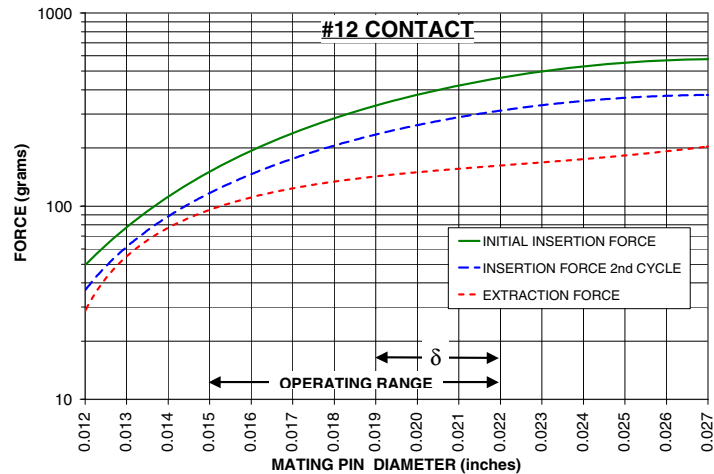
The curves represent typical average values; they are best used to compare the differences between similar size contacts and to guide you in selecting one that is suitable for your application. Your results may vary, so for your specification, we encourage you to obtain complimentary samples for your evaluation.

#12 CONTACT

FOR .015-.022 DIAMETER PINS (δ=.003)
4-FINGER, GROUP B (see page 214)

CONTACT PRESS–FIT INTO SHELL

.043 DIA.

SHOULDER PREFERRED TO ASSIST ASSEMBLY

.062

.052

MINIMUM DIAMETER

PRECISION MACHINED SHELL (CUSTOM DESIGNS WELCOME)

CONTACT MATERIAL:
BERYLLIUM COPPER Alloy 172, Heat Treated

#12 CONTACT — FORCE (grams) vs MATING PIN DIAMETER (inches)
- INITIAL INSERTION FORCE
- INSERTION FORCE 2nd CYCLE
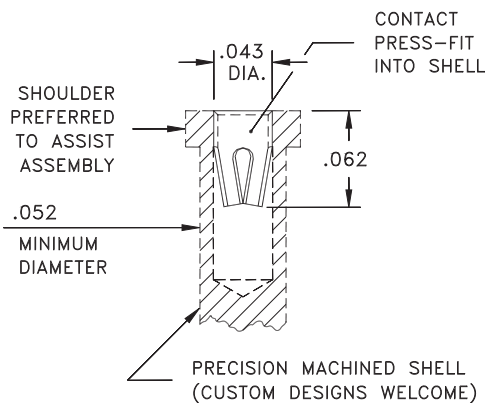- EXTRACTION FORCE
- OPERATING RANGE, δ

The insertion/extraction/normal force characteristics above were derived using 30 microinch gold plated contact and polished steel gauge pins having a bullet-shaped tip.
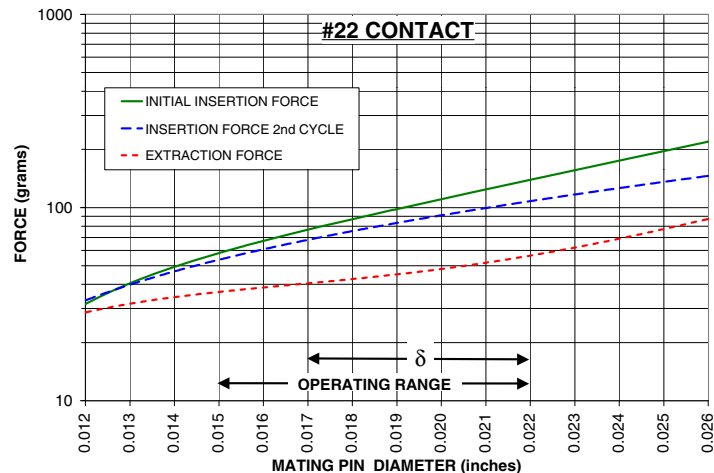
The curves represent typical average values; they are best used to compare the differences between similar size contacts and to guide you in selecting one that is suitable for your application. Your results may vary, so for your specification, we encourage you to obtain complimentary samples for your evaluation.

#22 CONTACT

FOR .015-.022 DIAMETER PINS (δ=.005)
6-FINGER, GROUP B (see page 214)

CONTACT PRESS–FIT INTO SHELL

.043 DIA.

SHOULDER PREFERRED TO ASSIST ASSEMBLY

.062

.052

MINIMUM DIAMETER

PRECISION MACHINED SHELL (CUSTOM DESIGNS WELCOME)

CONTACT MATERIAL:
BERYLLIUM COPPER Alloy 172, Heat Treated

#22 CONTACT — FORCE (grams) vs MATING PIN DIAMETER (inches)
- INITIAL INSERTION FORCE
- INSERTION FORCE 2nd CYCLE
- EXTRACTION FORCE
- OPERATING RANGE, δ

The insertion/extraction/normal force characteristics above were derived using 30 microinch gold plated contact and polished steel gauge pins having a bullet-shaped tip.

The curves represent typical average values; they are best used to compare the differences between similar size contacts and to guide you in selecting one that is suitable for your application. Your results may vary, so for your specification, we encourage you to obtain complimentary samples for your evaluation.