

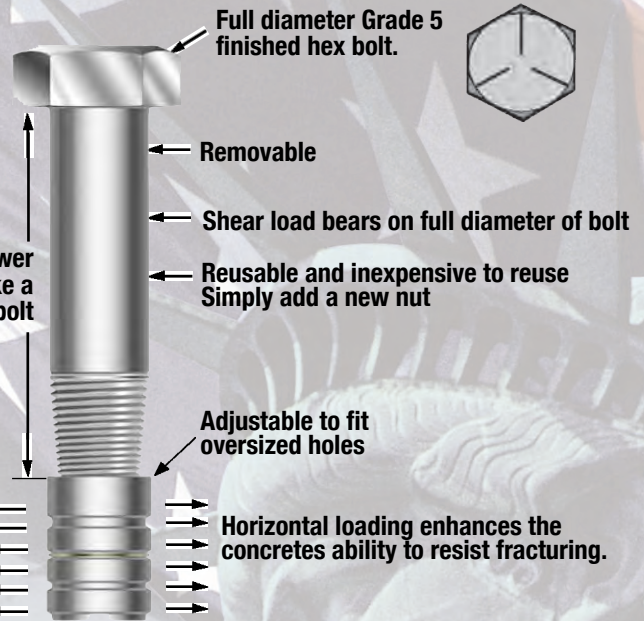
TAPER BOLT®

THE FIRST IS STILL THE SIMPLEST,
THE STRONGEST AND THE MOST VERSATILE.

A true parallel expansion design incorporating SAE torque specifications and clamp loads. All the attributes of a standard Grade 5 bolt and nut including the convenience of installation with high speed impact tools.



Greater clamping power since it functions like a standard nut and bolt



TEST DATA 1/2" @ 2-3/8" Embedment

Unreinforced 3000 P.S.I. Concrete
Tensile - 8,165
Shear - 12,177 lbs

Unreinforced 5000 P.S.I. Concrete
Tensile - 9,346 lbs
Shear - 15,217 lbs

MATERIAL SPECIFICATIONS:

BOLTS:
S.A.E. Grade 5 Heat Treated Steel
Hardness - RC 25/34
Proof Load - 85,000 P.S.I.
Tensile Strength - 120,000 P.S.I.
Zinc Plated to A.S.T.M. B-633

EXPANDER NUT:
S.A.E. 903 A.S.T.M. B86
Die cast Zamak No. 3
Zinc Alloy
Tensile Strength 43,000 P.S.I.

TESTED OR APPROVED BY:

Pittsburgh Testing Laboratory PG-2170
City of New York
City of San Francisco
Many State D.O.T.'s
Federal General Services - Exceeds G.S.A. FF-S-325
Meets O.S.H.A. requirement of Sec. No. 1910.212(b)
Produced under quality assurance programs in accordance with 10 CFR 50 Appendix b and N.R.C Requirements

RECOMMENDED APPLICATIONS:

Temporary Highway Barriers
Highway Guide Rail
Highway Expansion Joints
Railroad Rail Track Plate Fastening
Tilt Wall Temporary Support Bracing
Safety Cable Tie-Off
Rapid Runway Repair
Lift Points



A SOLID CONNECTION

1 Gunnebo Drive • Lonoke, AR 72086
800-336-1640 • Fax 501-676-2524
www.mkfastening.com



Made in the USA

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A true parallel expansion design incorporation SAE torque specifications and clamp loads. All the attributes of a standard Grade 5 bolt and nut including the convenience of installation with high speed impact tools.



Taper Bolt can be removed and replaced hundreds of times ...not just 10 !

Taper Bolt can be used in a new hole hundreds of times...not just twice!

Taper Bolt can be adjusted to fit oversize holes!

Taper Bolt is a true bolt size/hole size anchor and needs no special drills!

Taper Bolt offers 40% greater tensile strength and 50% greater shear strength

Taper Bolt is manufactured from a certified full diameter Grade 5 steel bolt not a rolled up piece of wire



TEST DATA 1/2" @ 2-3/8" Embedment

Unreinforced 3000 P.S.I. Concrete
Tensile - 8,165 lbs
Shear - 12,177 lbs

Unreinforced 5000 P.S.I. Concrete
Tensile - 9,346 lbs
Shear - 15,217 lbs

TEST DATA 1/2" @ 2-1/2" Embedment

Unreinforced 3000 P.S.I. Concrete
Tensile - 4,650 lbs
Shear - 6,140 lbs

Unreinforced 5000 P.S.I. Concrete
Tensile - 5,840 lbs
Shear - 7,220 lbs

MATERIAL SPECIFICATIONS:

BOLTS:
S.A.E. Grade 5 Heat Treated Steel
Hardness - RC 25/34
Proof Load - 85,000 P.S.I.
Tensile Strength - 120,000 P.S.I.
Zinc Plated to A.S.T.M. B-633

EXPANDER NUT:
S.A.E. 903 A.S.T.M. B86
Die cast Zamak No. 3
Zinc Alloy
Tensile Strength 43,000 P.S.I.

MATERIAL SPECIFICATIONS:

Case Hardened Carbon Steel
Zinc Plated to A.S.T.M. B-633



Taper Bolt has over 35 years of proven versatility and dependability