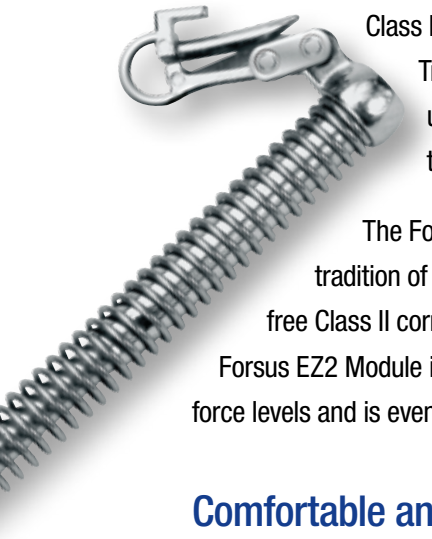
Forsus™ Fatigue Resistant Device EZ2 Module



Class II correction can be challenging for all parties involved. Traditional methods of treatment are difficult to install, uncomfortable for the patient and require patient compliance to achieve the desired results.

The Forsus™ Fatigue Resistant Device **EZ2 Module** continues the tradition of the earlier Forsus EZ Module, offering a durable, compliance-free Class II corrector that can be installed in one appointment. The new Forsus EZ2 Module is just as easy to work with, but can now withstand higher force levels and is even more durable.

Comfortable and effective

The module's compact size helps the patient feel less discomfort, and placement on the outside of the coaxial assembly aids hygiene. The constant amount of light force is always working, so treatment is achieved more quickly than treatment that is intermittent, such as wearing facebows only at night.

Features	Benefits
Telescoping coaxial spring	Allows for normal patient jaw opening
Comfortable stainless steel mechanism	Spring does not pinch or bow into the cheek
Low spring stresses	Gives the spring a longer, more fatigue-resistant life
Consistent light forces	Provides predictable and effective movement
Open spring design	Facilitates good oral hygiene

Snap the Forsus™ EZ2 Module into an occlusal headgear tube.

Place the proper length of push rod.

Crimp the push rod onto the archwire and insert into the Forsus™ EZ2 Module.

Installation is complete.

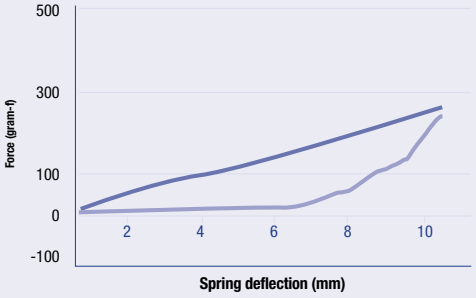
3M Unitek

Stronger Than Ever and Always Working

The Forsus™ Fatigue Resistant Device is a study in efficiency, designed to be an "out of the box" appliance for easy chairside installation, with no bracket or archwire removal required. And now, the Forsus Fatigue Resistant Device **EZ2 Module** provides an easy, consistent installation with an even more durable, reliable performance during treatment with less breakage.

Description	Unit		Part No.
Kits			
Forsus™ Fatigue Resistant Device EZ2 Module 20-Patient Kit	Kit		885-142
Forsus EZ2 Module 5-Patient Kit	Kit		885-141
Individual Components			
Forsus EZ2 Module Reorder Pack (Engagement clip and spring)	pkg/5	L	885-148
Forsus EZ2 Module Reorder Pack (Engagement clip and spring)	pkg/5	R	885-149
Direct Push Rod X-Short (22 mm)	pkg/5	L	885-009
Direct Push Rod X-Short (22 mm)	pkg/5	R	885-010
Direct Push Rod Short (25 mm)	pkg/5	L	885-111
Direct Push Rod Short (25 mm)	pkg/5	R	885-112
Direct Push Rod Medium (29 mm)	pkg/5	L	885-113
Direct Push Rod Medium (29 mm)	pkg/5	R	885-114
Direct Push Rod Large (32 mm)	pkg/5	L	885-115
Direct Push Rod Large (32 mm)	pkg/5	R	885-116
Direct Push Rod X-Large (35 mm)	pkg/5	L	885-117
Direct Push Rod X-Large (35 mm)	pkg/5	R	885-118
Direct Push Rod XX-Large (38 mm)	pkg/5	L	885-107
Direct Push Rod XX-Large (38 mm)	pkg/5	R	885-108
Universal Split Crimp	pkg/50		885-203
Measurement Guide	pkg/5		807-014

Fatigue Resistant



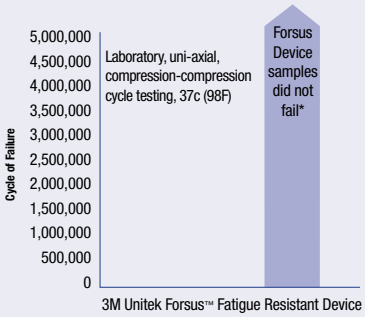
Force vs. Spring Compression—Forsus™ Fatigue Resistant Device vs. competitor telescoping spring (500,000 cycles in artificial saliva)

- Forsus™ Fatigue Resistant Device after cycling (n=16)
- Competitor telescoping after cycling (n=8)

Fatigue resistance is essential to successful orthodontic outcomes. The Forsus Fatigue Resistant Device delivers force throughout the opening and closing range.

Prior to cycling, both products have very similar load-deflection curves. After cycling, the competitor telescoping spring shows marked force degradation due to fatigue, with no force delivery over nearly 75% of its activation range in contrast, the Forsus Fatigue Resistant Device maintains its continuous force delivery profile.

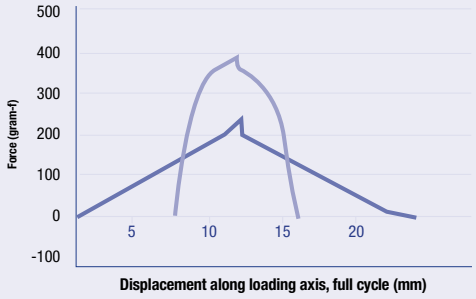
Durable Design



Spring Module Cycle Life Summary

*Spring removed at 5,000,000 cycles with no breakage.

Continuous Force

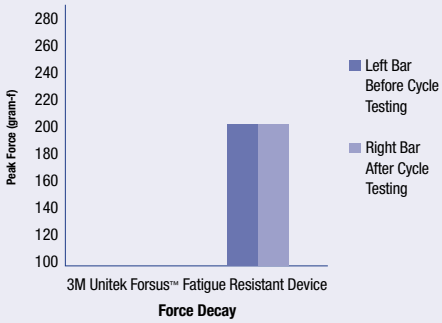


Forsus™ Fatigue Resistant Device vs. competitor flexing spring—Force delivery during a 34 mm jaw close-open cycle

- Forsus™ Fatigue Resistant Device (n=11)
- Competitor flexing spring (n=15)

Force delivery advantage of the Forsus Fatigue Resistant Device is apparent over a competing flexing spring. Note the light continuous forces of the Forsus Fatigue Resistant Device compared to the higher, intermittent forces of the flexing spring. The Forsus Fatigue Resistant Device delivers force throughout the opening and closing.

Consistent Force



Force Decay

Forsus Correctors maintain consistent forces throughout cycle testing

Chart Source: 3M Unitek Laboratory

3M Unitek
Orthodontic Products
2724 South Peck Road
Monrovia, CA 91016
USA
www.3MUnitek.com

Please recycle. Printed in U.S.A.
© 3M 2008. All rights reserved.

016-964 0810