

flamenco™

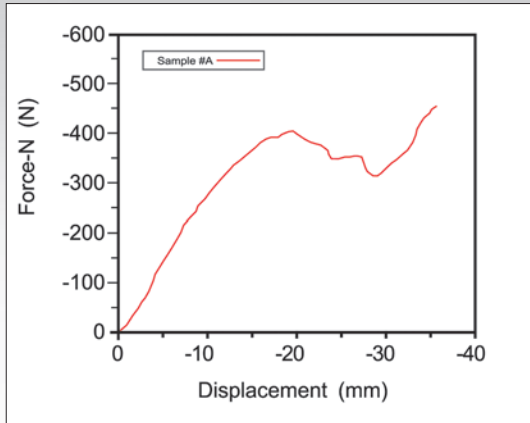
spinal fixation system



ulrich medical® SPINAL SYSTEMS

Test

Static construct test (polyaxial screw) (ASTM F1717)
 HL60050/2006/Spinal Fixation System (polyaxial screw)

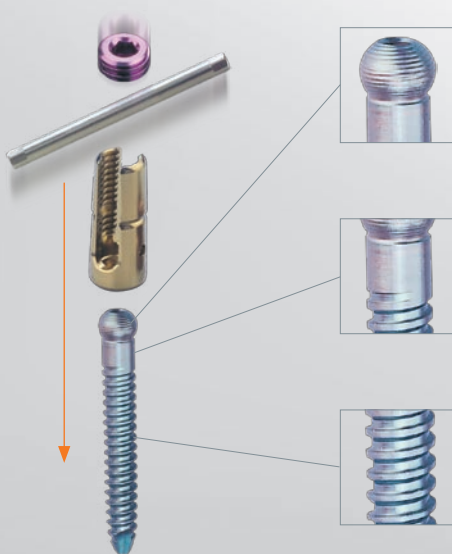


Compressive bending ultimate load 460.67 N

Static torsional test (ASTM F1717)

Screw	polyaxial screw
Mode	torsion
Yield Strength	12.67 Nm
Stiffness	3.66 Nm/deg
Ultimate Strength	20.3 Nm

Three-pointed fixation



Screw head

The screw head design provides a solid locking mechanism.

Screw neck

Diameter of shaft maximizes the ultimate strength and optimal fixation. Smooth shaft length allows for one full turn of dorsal adjustment.

Screw thread

Blunt and square cone thread design provides a linear rate of compression that ensures maximum fixation.

Components

flamenco™ screw, monoaxial

The monoaxial screws are especially designed for low profile fixation with high construct rigidity. In multi-segmental instrumentations they can easily be combined with polyaxial screws.



Description	Item No.						
	Ø 4.5 mm	Ø 5.0 mm	Ø 5.5 mm	Ø 6.0 mm	Ø 6.5 mm	Ø 7.0 mm	Ø 7.5 mm
Monoaxial Screw							
L 30 mm	CS 8006-45-30	CS 8006-50-30					
L 35 mm	CS 8006-45-35	CS 8006-50-35	CS 8006-55-35		CS 8006-65-35	CS 8006-70-35	CS 8006-75-35
L 40 mm		CS 8006-50-40	CS 8006-55-40	CS 8006-60-40	CS 8006-65-40	CS 8006-70-40	CS 8006-75-40
L 45 mm			CS 8006-55-45	CS 8006-60-45	CS 8006-65-45	CS 8006-70-45	CS 8006-75-45
L 50 mm			CS 8006-55-50	CS 8006-60-50	CS 8006-65-50	CS 8006-70-50	CS 8006-75-50
L 55 mm					CS 8006-65-55		CS 8006-75-55

flamenco™ screw, long-arm, monoaxial

For a spondylolisthesis, reduction screws with longer tabs may be utilized. The extended tab portion of the monoaxial long-arm screws allow for easier rod introduction in the slipped vertebra and may be used to reduce the spondylolisthesis if desired. The extended tabs are removed at the end of the procedure.



Description	Item No.				
	Ø 5.0 mm	Ø 5.5 mm	Ø 6.0 mm	Ø 6.5 mm	Ø 7.0 mm
Monoaxial Long Arm Screw					
L 30 mm	CS 8008-50-30				
L 35 mm	CS 8008-50-35	CS 8008-55-35		CS 8008-65-35	CS 8008-70-35
L 40 mm	CS 8008-50-40	CS 8008-55-40	CS 8008-60-40	CS 8008-65-40	CS 8008-70-40
L 45 mm		CS 8008-55-45	CS 8008-60-45	CS 8008-65-45	CS 8008-70-45
L 50 mm			CS 8008-60-50	CS 8008-65-50	CS 8008-70-50
L 55 mm				CS 8008-65-55	

Color code with screw cup size

flamenco™ screw, polyaxial

The polyaxial head of this screw allows 25° angulation in any direction and provides easier assembly even under critical orientation. The thick neck portion renders a subtle balance between strength and range of motion. It embodies the state-of-the-art solution with the advantages of lower profile, ease of use, and versatility for multiple applications.



Description	Item No.				
	Ø 4.5 mm	Ø 5.5 mm	Ø 6.0 mm	Ø 6.5 mm	Ø 7.0 mm
Polyaxial Screw					
L 30 mm	CS 8007-45-30				
L 35 mm	CS 8007-45-35	CS 8007-55-35		CS 8007-65-35	CS 8007-70-35
L 40 mm		CS 8007-55-40	CS 8007-60-40	CS 8007-65-40	CS 8007-70-40
L 45 mm		CS 8007-55-45	CS 8007-60-45	CS 8007-65-45	CS 8007-70-45
L 50 mm		CS 8007-55-50	CS 8007-60-50	CS 8007-65-50	CS 8007-70-50
L 55 mm			CS 8007-60-55	CS 8007-65-55	CS 8007-70-55

Other sizes available upon request

flamenco™ rod

The 5.5 mm diameter rod is available in multiple lengths from 40 to 350 mm. For easier rod rotation both ends are hex-tipped.



Description	Item No.	Description	Item No.
Smooth Rod Ø 5.5 mm		Smooth Rod Ø 5.5 mm	
L 40 mm	CS 8012-040	L 110 mm	CS 8012-110
L 50 mm	CS 8012-050	L 130 mm	CS 8012-130
L 60 mm	CS 8012-060	L 150 mm	CS 8012-150
L 70 mm	CS 8012-070	L 170 mm	CS 8012-170
L 80 mm	CS 8012-080	L 200 mm	CS 8012-200
L 90 mm	CS 8012-090	L 250 mm	CS 8012-250
L 100 mm	CS 8012-100	L 300 mm	CS 8012-300
		L 350 mm	CS 8012-350

flamenco™ crosslink

The flamenco crosslink provides construct stability and prevents rotating of the vertebral bodies.



Description	L/mm	Item No.
Crosslink	60	CS 8013-60
Crosslink	80	CS 8013-80
Crosslink	100	CS 8013-100

Other sizes of rods for crosslink available upon request

flamenco™ pedicle hooks and lamina hooks

The flamenco hooks are available in two different hook types: pedicle (3) and lamina (4) hooks. The lamina hook is used to engage in lamina and transverse process.



Description	W/mm	L/mm	Item No.
Pedicle hook	8	5	CS 8014-8-05
Pedicle hook	8	7	CS 8014-8-07
Pedicle hook	8	9	CS 8014-8-09
Lamina hook	5	7	CS 8015-5-07
Lamina hook	5	9	CS 8015-5-09
Lamina hook	7	7	CS 8015-7-07
Lamina hook	7	9	CS 8015-7-09

Request on demand

flamenco™ rod-rod connector

Axial and parallel rod-rod-connectors enable easy connection with other screw-rod-systems. They are also used for elongation of existing instrumentations.



Description		Item No.
Rod-rod connector, parallel	5.5/5.5	CS 8017-01
Rod-rod connector, parallel	5.5/6.0	CS 8017-02
Rod-rod connector, axial	5.5/5.5	CS 8018-01
Rod-rod connector, axial	5.5/6.0	CS 8018-02

Request on demand

flamenco™ locking screw

The flamenco locking screw features square thread design enhancing construct rigidity. Innovative thread design prevents loosening, screw cup expanding, and the potential of thread crossing.



Description	Item No.
Locking screw Ø 9 mm	CS 8010

With reservations of misprints and errors