



SilverRing[™] Splints A revolution in splint therapy.

For more than 35 years, Silver Ring Splint Company has provided high-quality, custom-fit SilverRing™ Splints to individuals around the world who have hand problems. The lightweight, sterling silver or gold rings are not only beautiful, but also offer unprecedented fit, durability and protection for a complete hand and finger solution. They are medically effective, visually appealing and, most importantly, they allow individuals to continue participating in the activities they love.

Our Story: In 1974, our founder Cynthia Garris, an occupational therapist, was working in the field of hand therapy, designing and fitting plastic splints on people. Unfortunately in that same year, she was diagnosed with rheumatoid arthritis. Having long been an advocate for splints, she was open to using them herself to delay or prevent deformities since she had seen the debilitating effects of the disease in her patients. However, in the process she found that none of the existing materials addressed the needs of long-term use. The major problems included the "medical look" of splints; the inability to adjust the fit; the bulkiness of materials resulting in people taking them off when they were most needed and the lack of cleanliness! Because of this, she designed splints for herself that overcame these problems and in 1985 began to manufacture a revolutionary series of splints that were both effective for long-term use and extremely attractive. The rest is Silver Ring Splint Company history.





"I wanted to let you know what a difference these rings have made in my life! I have Ehlers-Danlos syndrome and, at the age of 28, was already heading down the road of arthritis in my hands. As soon as I started wearing these splints, I was able to grip things without dropping them and even wash my hands without my thumbs dislocating. The pain in my hands has reduced significantly! These ring splints have saved my fingers from many years of painful arthritis and given me a way to educate people on this rare disease. I even get compliments on my pretty "rings." I have worn many, many splints, all of which have been ugly and uncomfortable. These splints are beautiful and make me feel okay about wearing them every day for the rest of my life. Thank you!"

- Miriam B. -

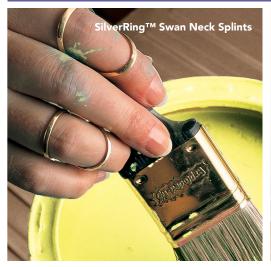




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Hyperextension _____

Deviation





Hyperextension deformity is the extension of the finger joint beyond the neutral position which may result in a painful joint, decreased power when pinching and a delay in being able to bend the finger.

Often associated with osteoarthritis, rheumatoid arthritis and Ehlers-Danlos syndrome (hypermobility syndrome)



Swan Neck Splint

Used to prevent mild to moderate hyperextension

- Use on PIP & thumb IP joints for hyperextension less than 20°
- Use on DIP joints for both mild and severe hyperextension
- Allows full flexion



SilverRing™ Swan Neck Splint used to correct mild hyperextension



Boutonniere Splint

Used to prevent severe hyperextension

- Use on PIP & thumb IP joints for hyperextension greater than 20°
- Longer than Swan Neck Splint for better leverage
- Allows functional flexion



SilverRing™ Boutonniere Splint used to correct severe hyperextension



EDS Splint

Used to prevent hyperextension of the MP joints of fingers 2–5

- Allows full flexion
- Limits MP hyperextension
- Can be worn on multiple fingers
- Rocker bar can be added for comfort



SilverRing™ EDS Splint used to block MP hyperextension



Lateral Support Splint

Used to reduce deviation when joint can be corrected to neutral

- Use on PIP & DIP joints
- Do not use when nodules are present or joints are enlarged
- Supports may be bowed for comfort



Boutonniere Splint

Used to reduce or correct deviation

- Use on PIP, DIP & thumb IP joints
 Use when deviated joints are
- Use when deviated joints are enlarged or cannot be completely straightened
- Limits full flexion



Dorsal Extension Splint

Used to reduce severe deviation deformities that cannot be fully corrected to neutral

- Use on PIP joints
- Bar can be bent to accommodate deviation or contractures
- Limits flexion



Boutonniere Lateral Support Splint

Deviation deformity is the lateral deviation or instability of a finger which may result in a painful joint, disrupted normal movement or fingers that cross over or under adjacent fingers. Deviation is accentuated when force is applied during pinching or lifting.

Often associated with osteoarthritis, rheumatoid arthritis, EDS, ligament injuries and problems related to joint replacement

Used to reduce deviation while dorsal spacer blocks flexion

- Use on PIP joints
- Do not use when nodules are present or joints are enlarged
- Joint must correct to neutral



Used to reduce deviation while volar spacer corrects hyperextension

- Use on PIP joints
- Do not use when nodules are present or joints are enlarged
- Joint must correct to neutral



Lateral Support & Proximal Radial Extension

Used to reduce deviation when flexion is needed

- Added to MCP Splint
- Do not use when thumb is adducted or has significant CMC problems (see ST3 or ST4)







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Flexion deformity is the inability to actively straighten a finger joint to the neutral position, which may result in a painful joint, the inability to open the hand wide enough to grasp objects or difficulty when putting the hand in a pocket or putting on gloves.

Often associated with jamming or crush injuries, untreated mallet finger deformity, juvenile rheumatoid arthritis and osteoarthritis



Boutonniere Splint

Used to reduce or correct mild to moderate flexion deformity

- Use on PIP, DIP & thumb IP joints
- Use on joints that can be straightened to less than 25° of flexion



SilverRing™ Boutonniere Splint used to correct mallet finger deformity at the DIP joint



Long Boutonniere Splint

Used to reduce or correct mild to moderate flexion deformity

- Use on PIP joint only
- Use instead of Boutonniere Splint for greater leverage or for enlarged joints that can be straightened to less than 25° of flexion



SilverRing™ Long Boutonniere Splint used to correct flexion of an enlarged or fusiform-shaped PIP joint



Dorsal Extension Splint

Used to reduce severe flexion (greater than 25°)

- Use on PIP joint
- Use when joint cannot be straightened to less than 25°
- Bar is adjustable to contour to deformity



SilverRing™ Dorsal Extension Splint used to correct flexion greater than 25°



2½ Buddy Ring

Used to align and bring fingers together at the MP joint level

- Use to prevent scissoring or crossing of fingers
- Use to prevent hyperextension, abduction or dislocation of the little finger
- Use volarly to hold a lagging finger up or use dorsally to provide PIP joint extension assistance by holding the MP joint down
- Use to adduct fingers

Middle Ring Depth



STANDARD ¾ DEPTH (CONTOURS TO PALMER ARCH)

FULL DEPTH OPTION

1/2 DEPTH OPTION

RMO DEPTH OPTION



MCP Deviation results from instability of the joints at the base of the finger

(the knuckle joints), which may cause the fingers to stray to the side or cross over or

under adjacent fingers, making it difficult to hold objects or work on a keyboard.

Often associated with ligament injuries, tendon alignment, drifting or deviation of fingers

Buddy Ring

Used to buddy two fingers together

• Use to prevent abduction of a finger

Offset Options



- Use no offset to abduct fingers (spread the fingers apart)
- Use full offset to adduct fingers (pull the fingers together)



Pulley Ring

Used to hold flexor tendon in place when the A2 pulley is ruptured

 Available in 4, 6 & 10 mm band widths



Hinged Pulley Ring

Used to hold flexor tendon in place when the A2 pulley is ruptured

- Use to get past enlarged PIP joint
- Available in 8 & 10 mm band widths









Thumb IP Problems

Thumb MCP Problems





Thumb IP Problems, resulting from hyperextension or deviation of the end of the thumb beyond the neutral position, may result in a painful joint, decreased power when pinching and difficulty picking up or manipulating small objects.

Often associated with osteoarthritis, rheumatoid arthritis, Ehlers-Danlos syndrome, tendon/ligament injuries and repetitive/overuse injuries



Swan Neck Splint

Used to prevent mild to moderate hyperextension of a thumb IP joint

- Use for hyperextension less than 20°
- Allows full flexion



SilverRing™ Swan Neck Splint used on the thumb IP joint to correct mild to moderate hyperextension



Boutonniere Splint

Used to prevent severe hyperextension of a thumb IP joint

- Use for hyperextension of the IP joint, especially when the MP joint is posturing in flexion
- Allows functional flexion



SilverRing™ Boutonniere Splint, worn with the spacer under the IP joint, for severe hyperextension



Boutonniere Splint

Used to correct deviation of a thumb IP joint

• Limits full flexion while correcting deviation



SilverRing™ Boutonniere Splint, worn with the spacer on the side of the IP joint, for deviation of thumb IP joint



Used to reduce mild (less than 15°) hyperextension of thumb MCP joint (Page 3 shows splint in use)

- Use bracelet to stabilize splint
- Supports can be added to help correct lateral deviation
- Not effective if the MCP joint lacks passive flexion



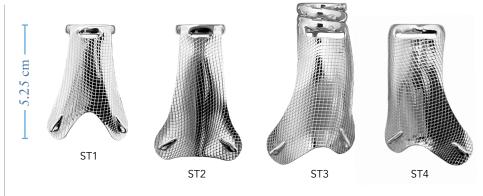
Thumb MCP Splint with PVX

Used to reduce hyperextension and subluxation of thumb MCP joint

- Use Proximal Volar Extension (PVX) if there is more than 15° of hyperextension or the MCP joint subluxes
- Use bracelet to stabilize splint
- Supports can be added to help correct lateral deviation
- Not effective if the MCP joint lacks passive flexion



Bracelets attach with lobster clasp (standard), 'S' hook or magnetic clasp. Bracelets are optional for the Thumb MCP Splint and necessary for the Stable Thumb Splint.



Stable Thumb Splint

Thumb MCP Problems result from either hyperextension beyond the neutral position or hyperflexion of the middle joint of the thumb. These problems may result in a painful and unstable joint, decreased power and difficulty in grasping large objects.

Often associated with CMC & MCP arthritis, Ehlers-Danlos syndrome, zig zag deformities and game keepers thumb/skier thumb

Without PVX - used to reduce hyperflexion of thumb MCP joint

With PVX - used to reduce hyperextension and hyperflexion of thumb MCP joint

- Use instead of Thumb MCP Splint when there is adduction of the thumb, subluxation of the CMC joint, a tight web space or limited passive MCP motion
- Use if problems develop following CMC arthroplasty
- Use Proximal Volar Extension (PVX) to improve alignment of the CMC joint and reduce pain.
 CMC joint must have mobility
- IP Splint can be worn with ST1, ST2 or ST4
- Use ST2 for longer hands and better leverage (6.0 cm length)
- Use ST3 for added lateral stability and maximum thumb support (7.1 cm length)
- Use ST4 for added lateral stability and more mobility than ST3 (6.2 cm length)



PVX Options

PVX - standard "U" distributes pressure around the head of the metacarpal avoiding direct pressure on a potentially sensitive area

Spoon PVX - places more direct pressure with a curved pad that can more easily be adjusted by twisting or bending left/right





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Additional Information

Triggering results from a nodule or inflammation and "thickening" of the flexor tendon that may cause irregular movement of the finger. The finger may feel "locked" in the bent position and when it is straightened, there may be a painful snap.

Often associated with tenosynovitis, arthritis and repetitive motion/overuse injuries



Trigger Splint

Used for tenosynovitis in the palm

- Use to prevent clicking and locking of a finger
- Restricts motion at the MP joint
- Allows full PIP flexion



SilverRing™ Trigger Splint used to relieve chronic recurring flexor tenosynovitis in the palm



Spiral Splint

Used for tenosynovitis in the thumb

- Use on thumb IP joint to prevent clicking and locking
- Restricts motion at the thumb IP joint



SilverRing™ Spiral Splint used to block flexion of the IP joint of the thumb



Boutonniere Splint

Used for tenosynovitis in the fingers

- Use on PIP joint to prevent clicking and locking of the finger
- Restricts motion at the PIP joint



SilverRing™ Boutonniere Splint used to restrict flexion of the PIP joint

Multiple Splints

Two splints can be worn on the same finger if needed. Depending on type, splints may be parallel to each other or may overlap. (Page 3 shows an example)

Adjusting Splints

Splints may be adjusted by hand without using tools. Using tools such as pliers will void our warranty and make the splints non-returnable. For most splints, if the rings are bent closer together, the size will increase by a half to a whole size. If the rings are spread apart, the size will decrease by a half to a whole size. This adjusting of the rings is important and an expected part of custom fitting the splint on the finger.

Return Policy

Our standard splints, if unused, may be returned for free exchange or full credit, less shipping. Special order splints can sometimes be exchanged for a partial refund. Please refer to our website or call if you have questions.

Specialty Splints

Dress up your splints for any occasion with unique designs, semi-precious or precious stones. Splints can also be made in 14k gold. For other design options, call or refer to our website.

Are you a therapist?

Sizing has never been easier! The SilverRing™ EZ-Sizer™ allows you to measure for SilverRing™ splints with ease and accuracy. Designed to match the unique elliptical shape of our splints, this specialized measuring tool ensures a perfect fit. Visit us online to learn more about SilverRing™ Splints, download instructions and view measuring videos.



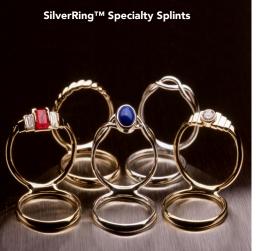
Measurements being taken for proximal ring of SilverRing™ Swan Neck Splint



Measurements being taken for SilverRing™ Boutonniere Splint to be worn to correct deviation









NOTE: The information contained in this catalog is not meant to, nor should it, be used as a substitute for the professional judgment of medical practitioners. The Silver Ring Splint Company takes no responsibility for the choice of these products, and disclaims all liability for injury of any kind that ensues out of or in connection with the use by any person of any splint displayed or described in this catalog.

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"I have rheumatoid arthritis and have had it for 19 years. Three of the fingers on each hand are deformed and exhibit the swan neck deformity. Since my hand therapist showed me the splints and after wearing the splints for almost a year, I have noticed a remarkable change in the appearance of my fingers. In addition, things that were once very difficult to grasp or grab are so much easier and I rarely drop things anymore. I also have received tons of comments and compliments from total strangers who have seen my rings and remarked on how unique and fashionable they are. Boy, are they surprised to realize they are splints and not some hot new jewelry that they can rush right out and buy. I have recommended these splints to everyone who asks and will continue to do so. Thanks so much for making these attractive ring splints so that now I don't feel embarrassed by my hands."

- Anna L. -



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WARRANTY: The Silver Ring Splint Company warrants its products against defects in materials and workmanship for one year. For additional details, please review complete warranty located under Resources on our website.