

Prospektüs
Prospectus

MONOWIRE

Emilemeyen Cerrahi Ameliyat İpliği

Non-Absorbable Surgical Sutures

Lütfen dilinizi seçiniz
Please select your language



Kullanma Talimatı
MONOWIRE® ÇELİK TEL
CERRAHI ÇELİK TEL USP® Eur.Ph.

TANIM

Cerrahi paslanmaz çelik teller emilemeyen, ISO 5832 Bölüm 1 "Cerrahi İmplantlar-Metalik Malzemeler" gerekliliklerini sağlayan, AISI 316 LVM den oluşan steril, cerrahi suturelerdir. Cerrahi paslanmaz çelik tel sutureler, monofilaman ya da multifilaman şeklinde olabilir.

Cerrahi paslanmaz çelik tel sutureler Avrupa Farmakopisi (E.P.) ve Amerikan Farmakopisindeki (U.S.P) emilemeyen cerrahi sutureler için geçerli tüm gereklilikleri karşılamaktadır. Bunun yanı sıra cerrahi paslanmaz çelik teller Brown & Sharpe Gauge (B&S) ya da Amerikan Wire Gauge (AWG) sınıflandırmasına göre etiketlenebilir.

Çelik suturelerin formülasyon dağılımlarına karşılık gelen B&S / AWG dağılılımları		
USP	EP	B&S / AWG Gauge
1	1	34
2	2	32
3	3	30
4	4	28
5	5	26
6	6	24
7	7	22
8	8	20
9	9	18
10	10	16
11	11	14
12	12	12
13	13	10
14	14	8
15	15	6
16	16	4
17	17	3
18	18	2
19	19	1

Aksesuar olarak tendonlarda kullanılan sutureler, dokuyu kesmesini önlemek için destek olarak polipropilen (PP) düğme kullanılmaktadır. Düğmenin de yer aldığı bu sete "Tendon Kit" denilmektedir. Yuvartalimatı tarafından düğmenin üst kısmıdır. Düz kısım ise deriye temas eden suturelerin girişini dağıtmak için kullanılmaktadır.

Sutureler dokuyu kesmesini önlemek ve abdominal kapamalarda suture gerilimini dağıtmak için destek olarak kullanılan bir diğer aksesuar ise polietilen (PE) gergil tampondur. Gergil tamponunun da yer aldığı bu kitle "Suture Tutucu" adı verilmektedir. Gergil tamponunun üst kısmı yüksek yoğunluklu sert polietilen (HDPE), uygulama alanına temas eden alt kısmı ise alçak yoğunluklu polietilen köpüklü (LDPE) oluşmaktadır. Her iki tabaka çift taraflı yapıştırıcı bant ile birleştirilmiştir.

KULLANIMI ALANI

Emilemeyen cerrahi paslanmaz çelik teller; abdominal yara kapanmasında, fitakta, sternum kapanmasında, serkaj ve tendon onarımını içeren ortopedik prosedürlerde kullanılır.

ETKİLERİ

Emilemeyen cerrahi paslanmaz çelik tel sutureler dokuda hafif bir şekilde akut yangı reaksiyonu gösterebilir.

KULLANILMAMASI GEREKEN YERLER

316 çelik tel, krom ve nikel gibi metallerle karşı hassasiyetli veya alerjisi olduğu bilinen hastalarda kullanılmamalıdır.

Çelik, bazı radyodyagnostikleri engelleyebilir ve suture materyalinin radyo-geçirgen olması gereken yerlerde kullanılmamalıdır.

UYARILAR

Yararan açılma riski, uygulama bölgesi ve kullanılan malzemeye göre değişebildiği için kullanılmaya emilebilir paslanmaz çelik tel sutureler kullanıldığında cerrahi işlerin kullanımına ilişkin ilgili cerrahi yöntem ve tekniklere ağına olmalıdır.

Paslanmaz çelik tel sutureler kalbe, merkezi dolaşım sisteminde ve merkezi sinir sisteminde doğrudan temas edecek şekilde kullanılmamalıdır.

Enlekte ve kontamine olmuş yaraalarda kabul edilebilir cerrahi uygulamalar takip edilmelidir.

Aksesuarlar kısa süreli harici kullanım içindir, vücut için kullanılmamaz, yalnızca cilt ile temas ederler ve emilemezler.

Tekrar steril etilmeyiniz. Açılmış ve kullanılmamış işleri imha ediniz.

ÖNEMLER

Bu ve diğer sutureların kullanımında ipliğe ve iğneye zarar vermektten kaçınılmalıdır (aşırı bükülmeye gibi). Yara açın geçirilmez, sutureler dokuyu kesme (inimital) azaltmak için çelik suture yara kenarından uzağa barışır bir şekilde yerleştirilmeli çelik bulduğunuz cerrahi uygulamalar takip edilmelidir.

Doku etrafında, düğümün kesilmeden diğer keskin uca dikkat edilmelidir. Bağlantı kısmında kavrama (tutma), iğne dibinden ya da sutureler iğne bağlantı kısmından kırılmasına neden olabilir. Bu noktadan tutulan iğnenin kenarı galyatıdır. İğnenin yeniden şekillendirilmesi bükülme direncini azaltır ve iğne kırılabilir. İğne uçlarının ve bağlantı noktalarının hasar görmemesi için, iğneye bağlantı noktasından 1/3 ile 1/2 mesafede tutmak gerekir. iğne yerleştirilmelidir (balma gibi) kaçırın. Bu durum kandan patojen bulaşmasına neden olabilir. Kullanılmış iğneleri için uygun kaplar kullanılmamalıdır. Kontamine olan suture atıkları ve paketleme malzemeleri, biyolojik atıkları için genel enlekte ve standart hastane prosedürlerine göre değerlendirilir.

YANETKİLER

Bu cihazın kullanımına bağlı yan etkiler; yararan açılması, 326L paslanmaz çelik tel ve krom ve nikel gibi metallerle karşı hassasiyetli veya alerji, minimal doku yangı reaksiyonu, ağrı, ödem ve geçici bölgesel tıbbi yapılmıştır. Operasyon sırasında iğnenin kırılması, anestezinin ve operasyon zamanının uzamasına, vücutta yabancı cisimlerin biriktirmesine ve/veya ilave operasyonun yapılmasına neden olur.

PIYASAYA ARZ-SUNUŞ ŞEKLİ

Cerrahi paslanmaz çelik teller U.S.P. 6-0 ve 8 (metrik 0.7 -10.0) arasında, değişik boyalarda, sürekli iğne ya da dönerli teknik ile iğneli veya iğnesiz olarak, bir, iki veya üç düzlenik kuluflarda sunulmaktadır.

MONOWIRE sutureler steril olarak piyasaya arz edilmektedir.

MONOWIRE sutureler tek kullanımlıktır.

DEPOLAMA

Güneş ışığından uzaktır depolanır. Nemden korunur.

Son kullanma tarihi geçmiş ürünleri kullanmayınız.

ETİKETLEMEDE KULLANILAN İŞRETLER

Tek kullanımlık



Katalog numarası



Tekrar steril etilmeyiniz



25°C'nin altında muhafaza ediniz



Paket zarar görmüşse kullanmayınız



Güneşten uzak tutunuz



Üretici



Nemden korununuz



YYYY Üretim tarihi, Yİ



Geri dönüştürülebilir paket



YYYY-MM Son kullanma tarihi, Yİ-AY



Geri dönüştürülebilir paket



STERILE EO Steril Etme: Etilenoksit



Dikkat, Kullanma kılavuzuna bakınız



Lot No



Boyasız, Emilemez, Monofilaman



1014

İFJ-MW-rev-04-05-05-2017

Issue date: 11.09.2012

"EASSİ (Avrupa Cerrahi Suture Sanayi Birliği) çeşitli suture ürün karakteristیکlerini ve özelliklerini ve resimisel olarak tanımlamaları için tasarlama bir sistem geliştirmiştir. Sembol kullanımına T İbi Çihaz Direktif (Medical Device Directive) (MDD 93/42/EEC) izin vermektedir ve gözül ol türcesime gerek kalmadan üreticilerin kullandıklarına bğis sağlanmasına imkan tanımaktadır."



BOZ TIBBİ MALZEME SANAYİ VE TİCARET A.Ş.
Bağlık Sokak No:3315 Sıhhiye/ANKARA/TÜRKİYE
Tel:+90 (312) 435 50 80-81 Faks:+90 (312) 435 41 26
web: www.boztibbi.com e-mail: boz@boztibbi.com

BOZ



Instructions for Use

MONOWIRE® SURGICAL STEEL WIRE

NONABSORBABLE, SURGICAL STAINLESS, USP/ Eur.Ph.

DESCRIPTION

Surgical stainless steel suture is a nonabsorbable, sterile surgical suture composed of AISI 316L VM grade stainless steel conforming to ISO 6832 Part 1 "Metallic Materials for surgical implants". Surgical stainless steel suture is available as a monofilament and multifilament suture. Surgical stainless steel suture meets all requirements established by the European Pharmacopoeia (E.P.) and the United States Pharmacopoeia (U.S.P.) for nonabsorbable surgical sutures. Surgical stainless steel suture may also be labelled with the Brown & Sharpe Gauge (B&S) or American Wire Gauge (AWG) classification.

Pharmacopoeia sizes of steel suture corresponding to the B&S / AWG gauges		
USP	EP	B&S / AWG Gauge
2/0	2	3/16
3/0	3	1/8
4/0	4	5/32
5/0	5	3/32
6/0	6	1/16
7/0	7	3/64
8/0	8	1/32
9/0	9	3/64
10/0	10	1/64
11/0	11	3/128
12/0	12	1/64
13/0	13	3/256
14/0	14	1/128
15/0	15	3/256
16/0	16	1/128
17/0	17	3/512
18/0	18	1/256
19/0	19	3/512
20/0	20	1/256
21/0	21	3/1024
22/0	22	1/512
23/0	23	3/1024
24/0	24	1/512
25/0	25	3/2048
26/0	26	1/1024
27/0	27	3/2048
28/0	28	1/1024
29/0	29	3/4096
30/0	30	1/2048
31/0	31	3/8192
32/0	32	1/1024
33/0	33	3/16384
34/0	34	1/512
35/0	35	3/16384
36/0	36	1/512
37/0	37	3/32768
38/0	38	1/256
39/0	39	3/32768
40/0	40	1/256
41/0	41	3/65536
42/0	42	1/128
43/0	43	3/65536
44/0	44	1/128
45/0	45	3/131072
46/0	46	1/64
47/0	47	3/131072
48/0	48	1/64
49/0	49	3/262144
50/0	50	1/32
51/0	51	3/262144
52/0	52	1/32
53/0	53	3/524288
54/0	54	1/16
55/0	55	3/524288
56/0	56	1/16
57/0	57	3/1048576
58/0	58	1/8
59/0	59	3/1048576
60/0	60	1/8
61/0	61	3/2097152
62/0	62	1/4
63/0	63	3/2097152
64/0	64	1/4
65/0	65	3/4194304
66/0	66	1/2
67/0	67	3/4194304
68/0	68	1/2
69/0	69	3/8388608
70/0	70	1/1
71/0	71	3/8388608
72/0	72	1/1
73/0	73	3/16777216
74/0	74	1/1
75/0	75	3/16777216
76/0	76	1/1
77/0	77	3/33554432
78/0	78	1/1
79/0	79	3/33554432
80/0	80	1/1

Polypropylene (PP) button, the accessory, is used for buttressing the suture thread to avoid cutting the tissue that the suture thread intended to be used on tendon repair. The set involving the button is called "Tendon Repair Kit". The curved side is the top of the button. Flat side should be used to spread suture tension by dermal touch. Another accessory is Polyethylene (PE) oval plate, which is used for buttressing/cushioning the suture thread to avoid cutting the tissue and to spread the suture tension of where the suture thread intended to be used on abdominal closure. The set involving the plate is also called "Retention Suture". The plate consists of a hard high density polyethylene (HDPE) layer at the top, a low density polyethylene (LDPE) foam in the bottom layer which will be in touch with the area of application. Both layers are connected by double sided adhesive tape.

INDICATIONS

Surgical stainless steel suture is indicated for use as nonabsorbable suture in tissue approximation such as abdominal wound closure, hernia repair, sternal closure and orthopaedic procedures including cerclage and tendon repair.

ACTIONS

Surgical stainless steel suture elicits a minimal acute inflammatory reaction in tissue and is not absorbed.

CONTRAINDICATIONS

The use of this suture is contraindicated in patients with known sensitivities or allergies to 316L stainless steel and/or its principal metallic components metals such as chromium and nickel.

The presence of steel may interfere with certain radio diagnostics and its use is contraindicated where radio transparency of suture material is required.

WARNINGS

Users should be familiar with surgical procedures and techniques involving non-absorbable, stainless steel sutures before employing for wound closure, as the risk of wound dehiscence may vary with the site of application and the suture material used. Stainless steel sutures are not to be used in direct contact with the heart, the central circulatory system or the central nervous system. Acceptable surgical practice must be followed for the management of contaminated or infected wounds.

Accessories are non-absorbable, short term external use, not for inner body or cavity usage, only dermal touch. Do not resterilize. Discard opened, unused sutures.

PRECAUTIONS

In handling this or any other suture material, care should be taken to avoid damage to needle and suture, such as kinking or excessive twisting.

Acceptable surgical practice should be followed to place steel sutures sufficiently distal to wound edges to reduce the incidence of the suture cutting through tissue, when the wounds is placed under extreme stress.

Care should be taken to cut the knots/twists to allow for the bending of sharp ends away from surrounding tissue.

Grasping at the attachment area could cause breakage of the needle barrel or the suture in the attachment area. Grasping needle near the point could result in fracture of the needle.

Reshaping needles may result in decreased resistance to bending and breaking. To avoid damaging needle points and swage areas, grasp the needle in an area one-third (1/3) to one-half (1/2) of the distance from the swaged end to the point.

Avoid inadvertent needle stick injury, which may result in transmission of bio- borne pathogens. Suitable containers must be used for disposal of needles. Dispose of contaminated suture and packaging materials utilizing standard hospital procedures and universal precautions for biohazardous waste.

ADVERSE REACTIONS

Adverse effects associated with the use of this device include dehiscence, allergic response in patients with known sensitivities to 316L stainless steel, or constituent metals such as chromium and nickel infection, minimal acute inflammatory tissue reaction, pain, edema, and local irritation at the wound site. Needle breakage during surgery may result in extended anesthesia and/or surgery time, retention of foreign body in the patient, and/or additional surgery.

HOW SUPPLIED

Surgical stainless steel sutures are available in sizes 6/0 to 8 (metric sizes 0.7 – 10.0) in a variety of pre-cut lengths with and without permanently attached needles by permanent needle attachment or rotating techniques, in one, two and three dozen boxes. MONOWIRE suture is supplied as sterile. MONOWIRE® is for single use only.

STORAGE

Keep away from sunlight. Protect from humidity. Do not use after expiry date.

SYMBOLS USED ON LABELLING



Do not reuse



Catalog Number



Do not resterilize



Store below 25°C



Do not use if pack age is damaged



Keep away from sunlight



Manufacturer



YYYY MM Date of Manufacture, Year



Protect from humidity



YYYY-MM Expiry Date, Year- Month



Recyclable pack



STERILE EO Sterile EO: Ethylene oxide



Attention, See instruction for use



LOT Lotch Number



CE 1014



Unsterilized, Non-absorbable, Monofilament

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"EASSI(The European Association of Surgical Suture Industry) has developed a system of symbols which is designed to describe various suture product characteristics in an intuitive, pictorial manner. The use of symbols is permitted by the Medical Device Directive (MDD 93/42/EEC) and enables companies to provide information to the customer without having to provide multilingual translations."



BOZ TIBBİ MALZEME SANAYİ VE TİCARET A.Ş.
Sığlık Sokak No:33/5 Sırtlıbaşı/ANKARA/TÜRKİYE
Tel: +90 (312) 435 50 80-81 Faks: +90 (312) 435 41 26
web: www.boztibbi.com e-mail: boz@boztibbi.com

FR

Mode d'emploi
MONOWIRE® FIL D'ACIER
 FIL D'ACIER CHIRURGICAL, USP/ Eur.Ph.

DESCRIPTION

Les sutures d'acier inoxydables sont des sutures non absorbables, stériles, chirurgicales composées d'acier inoxydable AISI 316 LVM conforme à la partie 1 de ISO 5832 "Matériaux Métalliques pour Implants Chirurgicaux". La suture en acier inoxydable chirurgicale est disponible comme suture mono-filament et multi-filament. La suture d'acier inoxydable couvre toutes les exigences établies par la Pharmacopée Européenne (E.P.) et la Pharmacopée des Etats-Unis (U.S.P.) pour les sutures chirurgicales non absorbables. La suture en acier inoxydable chirurgicale peut être aussi étiquetée selon la classification Brown & Sharpe Gauge (B&S) ou American Wire Gauge (AWG).

Les valeurs B&S / AWG correspondantes aux valeurs pharmacopées des fils de suture en acier

USP	EP	B&S / AWG Gauge
2-0	13	32
3-0	12	30
4-0	11	28
5-0	10	26
6-0	9	24
7-0	8	22
8-0	7	20
9-0	6	18
10-0	5	16
11-0	4	14
12-0	3	12
13-0	2	10
14-0	1	8

Le bouton en Polypropylène (PP) / l'accessoire, est utilisé pour supporter le fil de suture à éviter la coupe du tissu que le fil de suture était intentionné à être utilisé pour la réparation du tendon. L'équipement concernant le bouton est appelé le "Kit de Réparation du Tendon". Le côté courbé est le dessus du bouton. Le côté plat doit être utilisé pour disperser la tension de la suture par toucher de la peau. Un autre accessoire est le Polyéthylène (PE) ovale plat, utilisé pour soutenir/rembourser le fil de suture pour éviter la coupe du tissu et diffuser la tension de suture où le fil est intentionné d'être utilisé pour la fermeture abdominale. L'équipement comportant également le tampon est appelé la "Suture de Rétention". Le tampon porte sur le dessus le polyéthylène en dentelle haute (HDPE) Ja moussé de polyéthylène (LDPE) en basse densité dans la couche du fond qui sera en communication avec le champ d'application. Toutes les deux couches sont connectés par une bande adhésive double face.

INDICATIONS

La suture en acier inoxydable chirurgicale est indiqué pour utilisation comme une suture non absorbable dans l'approximation de tissu comme la fermeture de plaie abdominale, réparation d'hernie, fermeture sternale et procédures orthopédiques y compris le cercle et la réparation du tendon.

EFFICACITE

La suture en acier inoxydable chirurgicale suscite une réaction minimale aigue dans le tissu et n'est pas absorbée.

CONTRE-INDICATIONS

L'utilisation de la suture est contre-indiquée chez les malades sensibles ou allergiques aux métaux tels que l'acier inoxydable 316L, et/ou un de ses composants principaux comme le chrome et le nickel.

La présence de facteur peut interférer avec certaines radio diagnostiques et son utilisation est contre-indiqué où la transparence des matériaux de suture est exigée.

AVERTISSEMENTS

Le risque d'ouverture de plaie pouvant varier selon la zone d'application et le matériel employé, les utilisateurs doivent être familiers aux méthodes et techniques chirurgicales concernant les fils chirurgicaux de suture non absorbable suivant l'utilisation des sutures d'acier inoxydable.

Les sutures en acier inoxydable ne doivent pas être utilisées en contact direct avec le Cœur; le système cardiovasculaire et le système nerveux central.

Poursuivre les applications chirurgicales acceptables pour le traitement des plaies infectées et contaminées.

Les accessoires sont pour l'utilisation extérieure, ils ne doivent pas être utilisés dans le corps interne ou cavité, seulement le toucher de la peau. Ne pas restériliser. Détruire les sutures couvertes non utilisées.

PRÉCAUTIONS

En manipulant ce et d'autres matériaux de suture, veiller à ne pas endommager le fil et l'aiguille. Des applications chirurgicales acceptées doivent être suivies pour implanter la suture en acier au ion de la plaie afin de diminuer le risque de coupure du tissu par la suture lorsque la plaie est complètement tendue.

Faire attention à la partie tranchante en découpant le nœud autour du tissu. La prise par la partie de liaison peut passer la suture par le fond de l'aiguille ou la partie de liaison d'aiguille. Le bord de l'aiguille tenu de cette partie peut se fissurer. La reformulation de l'aiguille minimise la résistance contre la fissure qui peut passer l'aiguille. Pour éviter d'endommager les points de l'aiguille et les zones de diamètre, agrippez l'aiguille dans une zone tierce (1/3) à une demi (1/2) de la distance de l'extrémité foncée à la pointe. Éviter les blessures d'aiguille pouvant causer une contamination de pathogène par le sang. Des contenants convenable doivent être utilisés pour les aiguilles usées. Les déchets de suture contaminés et les matériaux de conditionnement sont recyclés selon les précautions générales pour les déchets biologiques et les procédures standards des hôpitaux.

EFFETS SECONDAIRES

Les effets secondaires avec l'usage de ce devis couvrent la déhiscence, la réponse allergique chez les patients avec des sensibilités connues à l'acier inoxydable 316L ou métaux de constitution comme l'ion du chrome et du nickel, réaction tissu aigue minimale inflammatoire, l'œdème et l'irritation locale sur la zone de la plaie. La cassure de l'aiguille lors de l'opération peut prolonger la durée de l'anesthésie et de l'opération et peut donner lieu à l'accumulation de objets étrangers dans le corps et nécessiter une nouvelle opération.

COMMERCIALISATION

Les sutures en acier inoxydable chirurgicales sont disponibles dans les dimensions de 6-0 à B (dimensions métriques 1,7 - 19,0) dans une variété de longueurs pré-coupées avec des aiguilles attachées sans permanence, avec attachement d'aiguilles en permanence ou techniques de rotation, dans des boîtes à une, deux et trois douzaines. La suture de MONOWIRE est fournie stérile. MONOWIRE est pour utilisation unique.

CONSERVATION

Gardez loin de la lumière solaire. Protégez de l'humidité. Ne pas utiliser après la dernière date de consommation.

SIGNES UTILISÉS POUR L'ÉTIQUETAGE



Pour utilisation unique

REF

Numéro de catalogue



Ne pas stériliser à nouveau



25°C
 Conservé sous 25°C



Ne pas utiliser si l'emballage est endommagé



Protéger du soleil



Fabricant



Conservé dans un lieu sec



YYYY-MM Date de production, Année



Emballage recyclable



YYYY-MM Date d'expiration, Année - mois

STERILE EO

Stérile EO: rayons d'éthylène



Attention, Voir les instructions d'utilisation

LOT

No de série



Sans peinture, non absorbable, monofilament

CE 1014

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"EASSI (Association d'industrie de la Suture Européenne de Chirurgie) a développé un système conçu pour identifier comme intuitive et imagée les caractéristiques des différents produits de suture. Le Directeur sur les Dispositifs Médicaux (Medical Device Directive) (MDD 93/42/EEC) permis à utiliser le symbole et il permet les informations aux utilisateurs des fabricants sans obliger à traduire en plusieurs langues.

BOZ TIBBİ MALZEME SANAYİ VE TİCARET A.Ş.
 Sağlık Sokak No:33/5 Şişli/İstanbul/TURKİYE
 Tel:+90 (312) 435 50 80-81 Faks:+90 (312) 435 41 26
 web: www.boztibbi.com e-mail: boz@boztibbi.com

BOZ

AR

تعليمات استعمال

موسويتل* MONOWIRE سلك فولادي

اسلاك فولادية جراحية U.S./IEP

التعريف

يكون السلك الفولاذي الجراحي موسويتل MONOWIRE غير قابل للانحسار الذي يتوافق مع مواصفات وشروط ايزو 5832* (إمالة الجراحة - السليمانت المعدنية * - ANSI 316 LVM ، ملم من الممكن ان تكون الخوص الفولاذية الجراحية من بوريلمان و موسويتل من فولاد لا سائل ان السلك الجراحي الفولاذي المطرون المعدل موسويتل MONOWIRE غير قابل للانحسار مطابق للمواصفات الأمريكية والأوروبية المنشأة الأمريكية والسليمانت الطبية بالإضافة الى ذلك من الممكن ان يتم تصنيعها من ضمن مجموعة (B&S) السلك الجراحة الفولاذية المعدل ، والمجموعة الأمريكية (AWG)

المجموع		المجموع		المجموع	
B&S / AWG Gauge	EP	USP	B&S / AWG Gauge	EP	USP
1	1.5	1.5	1	1.5	1.5
2	1.6	1.6	2	1.6	1.6
3	1.7	1.7	3	1.7	1.7
4	1.8	1.8	4	1.8	1.8
5	1.9	1.9	5	1.9	1.9
6	2.0	2.0	6	2.0	2.0
7	2.1	2.1	7	2.1	2.1
8	2.2	2.2	8	2.2	2.2
9	2.3	2.3	9	2.3	2.3
10	2.4	2.4	10	2.4	2.4
11	2.5	2.5	11	2.5	2.5
12	2.6	2.6	12	2.6	2.6
13	2.7	2.7	13	2.7	2.7
14	2.8	2.8	14	2.8	2.8
15	2.9	2.9	15	2.9	2.9
16	3.0	3.0	16	3.0	3.0
17	3.1	3.1	17	3.1	3.1
18	3.2	3.2	18	3.2	3.2
19	3.3	3.3	19	3.3	3.3
20	3.4	3.4	20	3.4	3.4
21	3.5	3.5	21	3.5	3.5
22	3.6	3.6	22	3.6	3.6
23	3.7	3.7	23	3.7	3.7
24	3.8	3.8	24	3.8	3.8
25	3.9	3.9	25	3.9	3.9
26	4.0	4.0	26	4.0	4.0
27	4.1	4.1	27	4.1	4.1
28	4.2	4.2	28	4.2	4.2
29	4.3	4.3	29	4.3	4.3
30	4.4	4.4	30	4.4	4.4
31	4.5	4.5	31	4.5	4.5
32	4.6	4.6	32	4.6	4.6
33	4.7	4.7	33	4.7	4.7
34	4.8	4.8	34	4.8	4.8
35	4.9	4.9	35	4.9	4.9
36	5.0	5.0	36	5.0	5.0
37	5.1	5.1	37	5.1	5.1
38	5.2	5.2	38	5.2	5.2
39	5.3	5.3	39	5.3	5.3
40	5.4	5.4	40	5.4	5.4
41	5.5	5.5	41	5.5	5.5
42	5.6	5.6	42	5.6	5.6
43	5.7	5.7	43	5.7	5.7
44	5.8	5.8	44	5.8	5.8
45	5.9	5.9	45	5.9	5.9
46	6.0	6.0	46	6.0	6.0
47	6.1	6.1	47	6.1	6.1
48	6.2	6.2	48	6.2	6.2
49	6.3	6.3	49	6.3	6.3
50	6.4	6.4	50	6.4	6.4
51	6.5	6.5	51	6.5	6.5
52	6.6	6.6	52	6.6	6.6
53	6.7	6.7	53	6.7	6.7
54	6.8	6.8	54	6.8	6.8
55	6.9	6.9	55	6.9	6.9
56	7.0	7.0	56	7.0	7.0
57	7.1	7.1	57	7.1	7.1
58	7.2	7.2	58	7.2	7.2
59	7.3	7.3	59	7.3	7.3
60	7.4	7.4	60	7.4	7.4
61	7.5	7.5	61	7.5	7.5
62	7.6	7.6	62	7.6	7.6
63	7.7	7.7	63	7.7	7.7
64	7.8	7.8	64	7.8	7.8
65	7.9	7.9	65	7.9	7.9
66	8.0	8.0	66	8.0	8.0
67	8.1	8.1	67	8.1	8.1
68	8.2	8.2	68	8.2	8.2
69	8.3	8.3	69	8.3	8.3
70	8.4	8.4	70	8.4	8.4
71	8.5	8.5	71	8.5	8.5
72	8.6	8.6	72	8.6	8.6
73	8.7	8.7	73	8.7	8.7
74	8.8	8.8	74	8.8	8.8
75	8.9	8.9	75	8.9	8.9
76	9.0	9.0	76	9.0	9.0
77	9.1	9.1	77	9.1	9.1
78	9.2	9.2	78	9.2	9.2
79	9.3	9.3	79	9.3	9.3
80	9.4	9.4	80	9.4	9.4
81	9.5	9.5	81	9.5	9.5
82	9.6	9.6	82	9.6	9.6
83	9.7	9.7	83	9.7	9.7
84	9.8	9.8	84	9.8	9.8
85	9.9	9.9	85	9.9	9.9
86	10.0	10.0	86	10.0	10.0
87	10.1	10.1	87	10.1	10.1
88	10.2	10.2	88	10.2	10.2
89	10.3	10.3	89	10.3	10.3
90	10.4	10.4	90	10.4	10.4
91	10.5	10.5	91	10.5	10.5
92	10.6	10.6	92	10.6	10.6
93	10.7	10.7	93	10.7	10.7
94	10.8	10.8	94	10.8	10.8
95	10.9	10.9	95	10.9	10.9
96	11.0	11.0	96	11.0	11.0
97	11.1	11.1	97	11.1	11.1
98	11.2	11.2	98	11.2	11.2
99	11.3	11.3	99	11.3	11.3
100	11.4	11.4	100	11.4	11.4
101	11.5	11.5	101	11.5	11.5
102	11.6	11.6	102	11.6	11.6
103	11.7	11.7	103	11.7	11.7
104	11.8	11.8	104	11.8	11.8
105	11.9	11.9	105	11.9	11.9
106	12.0	12.0	106	12.0	12.0
107	12.1	12.1	107	12.1	12.1
108	12.2	12.2	108	12.2	12.2
109	12.3	12.3	109	12.3	12.3
110	12.4	12.4	110	12.4	12.4
111	12.5	12.5	111	12.5	12.5
112	12.6	12.6	112	12.6	12.6
113	12.7	12.7	113	12.7	12.7
114	12.8	12.8	114	12.8	12.8
115	12.9	12.9	115	12.9	12.9
116	13.0	13.0	116	13.0	13.0
117	13.1	13.1	117	13.1	13.1
118	13.2	13.2	118	13.2	13.2
119	13.3	13.3	119	13.3	13.3
120	13.4	13.4	120	13.4	13.4
121	13.5	13.5	121	13.5	13.5
122	13.6	13.6	122	13.6	13.6
123	13.7	13.7	123	13.7	13.7
124	13.8	13.8	124	13.8	13.8
125	13.9	13.9	125	13.9	13.9
126	14.0	14.0	126	14.0	14.0
127	14.1	14.1	127	14.1	14.1
128	14.2	14.2	128	14.2	14.2
129	14.3	14.3	129	14.3	14.3
130	14.4	14.4	130	14.4	14.4
131	14.5	14.5	131	14.5	14.5
132	14.6	14.6	132	14.6	14.6
133	14.7	14.7	133	14.7	14.7
134	14.8	14.8	134	14.8	14.8
135	14.9	14.9	135	14.9	14.9
136	15.0	15.0	136	15.0	15.0
137	15.1	15.1	137	15.1	15.1
138	15.2	15.2	138	15.2	15.2
139	15.3	15.3	139	15.3	15.3
140	15.4	15.4	140	15.4	15.4
141	15.5	15.5	141	15.5	15.5
142	15.6	15.6	142	15.6	15.6
143	15.7	15.7	143	15.7	15.7
144	15.8	15.8	144	15.8	15.8
145	15.9	15.9	145	15.9	15.9
146	16.0	16.0	146	16.0	16.0
147	16.1	16.1	147	16.1	16.1
148	16.2	16.2	148	16.2	16.2
149	16.3	16.3	149	16.3	16.3
150	16.4	16.4	150	16.4	16.4
151	16.5	16.5	151	16.5	16.5
152	16.6	16.6	152	16.6	16.6
153	16.7	16.7	153	16.7	16.7
154	16.8	16.8	154	16.8	16.8
155	16.9	16.9	155	16.9	16.9
156	17.0	17.0	156	17.0	17.0
157	17.1	17.1	157	17.1	17.1
158	17.2	17.2	158	17.2	17.2
159	17.3	17.3	159	17.3	17.3
160	17.4	17.4	160	17.4	17.4
161	17.5	17.5	161	17.5	17.5
162	17.6	17.6	162	17.6	17.6
163	17.7	17.7	163	17.7	17.7
164	17.8	17.8	164	17.8	17.8
165	17.9	17.9	165	17.9	17.9
166	18.0	18.0	166	18.0	18.0
167	18.1	18.1	167	18.1	18.1
168	18.2	18.2	168	18.2	18.2
169	18.3	18.3	169	18.3	18.3
170	18.4	18.4	170	18.4	18.4
171	18.5	18.5	171	18.5	18.5
172	18.6	18.6	172	18.6	18.6
173	18.7	18.7	173	18.7	18.7
174	18.8	18.8	174	18.8	18.8
175	18.9	18.9	175	18.9	18.9
176	19.0	19.0	176	19.0	19.0
177	19.1	19.1	177	19.1	19.1
178	19.2	19.2	178	19.2	19.2
179	19.3	19.3	179	19.3	19.3
180	19.4	19.4	180	19.4	19.4
181	19.5	19.5	181	19.5	19.5
182	19.6	19.6	182	19.6	19.6
183	19.7	19.7	183	19.7	19.7
184	19.8	19.8	184	19.8	19.8
185	19.9	19.9	185	19.9	19.9
186	20.0	20.0	186	20.0	20.0
187	20.1	20.1	187	20.1	20.1
188	20.2	20.2	188	20.2	20.2
189	20.3	20.3	189	20.3	20.3
190	20.4	20.4	190	20.4	20.4
191	20.5	20.5	191	20.5	20.5