

# Cannulated screws

Version 1.1.3



## Cannulated screws 3.5, self-drilling

### Features

Reverse cutting thread for easier screw removal.

Self-drilling and self-tapping screws.

Standard 2.5 hexagonal head is compatible with screwdrivers in other commonly used AF instrument sets.

Cannulation for 1.2 guide wires.



### Fully threaded

Head $\varnothing$	5.0 mm
Hexagonal socket	2.5 mm
Thread $\varnothing$	3.5 mm
Cannulation $\varnothing$	1.35 mm
Core $\varnothing$	2.5 mm
Pitch	1.25 mm

#### STAINLESS STEEL

#### TITANIUM ALLOY

Code-No	Code-No	Length
15-02100	16-02100	10
15-02102	16-02102	12
15-02104	16-02104	14
15-02106	16-02106	16
15-02108	16-02108	18
15-02110	16-02110	20
15-02112	16-02112	22
15-02114	16-02114	24
15-02116	16-02116	26
15-02118	16-02118	28
15-02120	16-02120	30
15-02122	16-02122	32
15-02124	16-02124	34
15-02126	16-02126	36
15-02128	16-02128	38
15-02130	16-02130	40
15-02132	16-02132	42
15-02134	16-02134	44
15-02136	16-02136	46
15-02138	16-02138	48
15-02140	16-02140	50

### Washer $\varnothing$ 7 mm, for cannulated screws $\varnothing$ 3.5/4.0



#### STAINLESS STEEL

#### TITANIUM ALLOY

15-3080

16-3080



### Partially threaded

Head $\varnothing$	5.0 mm
Hexagonal socket	2.5 mm
Thread $\varnothing$	3.5 mm
Cannulation $\varnothing$	1.35 mm
Shaft $\varnothing$	2.5 mm
Core $\varnothing$	2.5 mm
Pitch	1.25 mm

#### STAINLESS STEEL

#### TITANIUM ALLOY

Code-No	Code-No	Length
15-02200	16-02200	10
15-02202	16-02202	12
15-02204	16-02204	14
15-02206	16-02206	16
15-02208	16-02208	18
15-02210	16-02210	20
15-02212	16-02212	22
15-02214	16-02214	24
15-02216	16-02216	26
15-02218	16-02218	28
15-02220	16-02220	30
15-02222	16-02222	32
15-02224	16-02224	34
15-02226	16-02226	36
15-02228	16-02228	38
15-02230	16-02230	40
15-02232	16-02232	42
15-02234	16-02234	44
15-02236	16-02236	46
15-02238	16-02238	48
15-02240	16-02240	50

Cannulated instruments set 3.5		
S20-1146		
Code-No	Description	Qty
20-1146	Tray cannulated instrument set 3.5	1
1-0090	Cannulated drill Bit ø 2,7 mm / 1.35 mm, 160mm length, AO shaft	2
1-0094	Cannulated drill Bit ø 3,5mm / 1.35mm, 160mm length, AO shaft	1 optional
1-0240	Tap Ø 3.5 mm, cannulated Ø 1.35 mm, length 160 mm, AO shaft	1
1-02922	Countersink for 3.5 / 4.0 screws, cannulated Ø 1.35mm, length 160 mm, AO shaft	1
1-0351	Depth gauge for 3.5 / 4.0 cannulated screws	1
1-0404	Tap / Drill sleeve Ø 2,7mm / Ø 1,0 mm	1
1-0402	Tap / Drill sleeve ø 2,5mm / ø 3,5mm	1
1-0702	Screw driver 2.5 mm, cannulated Ø 1.35 mm	1
1-0771	Holding Sleeve for 3.5 / 4.0 screws	1
1-0780	Screw forceps	1
1-08484	T-Handle, cannulated Ø 1.8 mm, AO	1
5-0026	Cleaning stylet ø 1.25 mm	1
5-0028	Cleaning brush ø 1.35 mm	1
5-0444	K-wire, threaded tip, Ø 1.2 mm, length 150 mm / 5 mm	20

### Cannulated drill Bit, AO shaft



Code-No	Ø	Cannulation Ø	Total length
1-0090	2.7 mm	1.35 mm	160 mm
1-0094	3.5 mm	1.35 mm	160 mm

### Tap Ø 3.5 mm, cannulated Ø 1.35 mm, length 160 mm, AO shaft

1-0240



### Countersink for 3.5 / 4.0 screws, cannulated Ø 1.35mm, length 160 mm, AO shaft

1-02922



### Depth gauge for 3.5 / 4.0 cannulated screws

1-0351



### Tap / Drill sleeve Ø 2,7mm / Ø 1,0 mm

1-0404



### Tap / Drill sleeve ø 2,5mm / ø 3,5mm

1-0402



### Screw driver 2.5 mm, cannulated Ø 1.35 mm

1-0702



### Holding Sleeve for 3.5 / 4.0 screws

1-0771



**Screw forceps**



**1-0780**

**T-Handle, cannulated Ø 1.8 mm, AO**



**1-08484**

**Cleaning stylet Ø 1.25 mm**



**5-0026**

**Cleaning brush Ø 1.35 mm**



**5-0028**

**K-wire, threaded tip, Ø 1.2 mm, length 150 mm / 5 mm**



**5-0444**

## Cannulated screws 4.0, self-drilling

### Features

Reverse cutting thread for easier screw removal.

Self-drilling and self-tapping screws.

Standard 2.5 hexagonal head is compatible with screwdrivers in other commonly used AF instrument sets.

Cannulation for 1.2 guide wires.

### Washer Ø 7 mm, for cannulated screws Ø 4.0



STAINLESS STEEL	TITANIUM ALLOY
15-3080	16-3080



### Short thread

Head ø	5.0 mm
Hexagonal socket	2.5 mm
Thread ø	4.0 mm
Cannulation ø	1.35 mm
Shaft ø	2.7 mm
Core ø	2.3 mm
Pitch	1.75 mm

STAINLESS STEEL		TITANIUM ALLOY
Code-No	Code-No	Length
15-02800	16-02800	10
15-02802	16-02802	12
15-02804	16-02804	14
15-02806	16-02806	16
15-02808	16-02808	18
15-02810	16-02810	20
15-02812	16-02812	22
15-02814	16-02814	24
15-02816	16-02816	26
15-02818	16-02818	28
15-02820	16-02820	30
15-02822	16-02822	32
15-02824	16-02824	34
15-02826	16-02826	36
15-02828	16-02828	38
15-02830	16-02830	40
15-02832	16-02832	42
15-02834	16-02834	44
15-02836	16-02836	46
15-02838	16-02838	48
15-02840	16-02840	50
15-02842	16-02842	52
15-02844	16-02844	54
15-02846	16-02846	56
15-02848	16-02848	58
15-02850	16-02850	60
15-02854	16-02854	64
15-02858	16-02858	68
15-02862	16-02862	72



### Long thread

Head ø	5.0 mm
Hexagonal socket	2.5 mm
Thread ø	4.0 mm
Cannulation ø	1.35 mm
Shaft ø	2.7 mm
Core ø	2.3 mm
Pitch	1.75 mm

STAINLESS STEEL		TITANIUM ALLOY
Code-No	Code-No	Length
15-02900	16-02900	10
15-02902	16-02902	12
15-02904	16-02904	14
15-02906	16-02906	16
15-02908	16-02908	18
15-02910	16-02910	20
15-02912	16-02912	22
15-02914	16-02914	24
15-02916	16-02916	26
15-02918	16-02918	28
15-02920	16-02920	30
15-02922	16-02922	32
15-02924	16-02924	34
15-02926	16-02926	36
15-02928	16-02928	38
15-02930	16-02930	40
15-02932	16-02932	42
15-02934	16-02934	44
15-02936	16-02936	46
15-02938	16-02938	48
15-02940	16-02940	50
15-02942	16-02942	52
15-02944	16-02944	54
15-02946	16-02946	56
15-02948	16-02948	58
15-02950	16-02950	60
15-02954	16-02954	64
15-02958	16-02958	68
15-02962	16-02962	72

<b>Cannulated instruments set 4.0</b>		
<b>S20-1147</b>		
<b>Code-No</b>	<b>Description</b>	<b>Qty</b>
<b>20-1147</b>	Tray cannulated instrument set 4.0	1
<b>1-0090</b>	Cannulated drill Bit ø 2,7 mm / 1.35 mm, 160mm length, AO shaft	2
<b>1-0241</b>	Tap Ø 4.0 mm, cannulated Ø 1.35 mm, length 160 mm, AO shaft	1
<b>1-02922</b>	Countersink for 3.5 / 4.0 screws, cannulated Ø 1.35mm, length 160 mm, AO shaft	1
<b>1-0351</b>	Depth gauge for 3.5 / 4.0 cannulated screws	1
<b>1-0404</b>	Tap / Drill sleeve Ø 2,7mm / Ø 1,0 mm	1
<b>1-0702</b>	Screw driver 2.5 mm, cannulated Ø 1.35 mm	1
<b>1-0771</b>	Holding sleeve for 3.5 / 4.0 screws	1
<b>1-0780</b>	Screw forceps	1
<b>1-08484</b>	T-Handle, cannulated Ø 1.8 mm, AO	1
<b>5-0026</b>	Cleaning stylet ø 1.25 mm	1
<b>5-0028</b>	Cleaning brush ø 1.35 mm	1
<b>5-0444</b>	K-wire, threaded tip, Ø 1.2 mm, length 150 mm / 5 mm	20

Cannulated drill Bit  $\varnothing$  2,7 mm / 1.35 mm, 160mm length, AO shaft

1-0090



Tap  $\varnothing$  4.0 mm, cannulated  $\varnothing$  1.35 mm, length 160 mm, AO shaft

1-0241



Countersink for 3.5 / 4.0 screws, cannulated  $\varnothing$  1.35mm, length 160 mm, AO shaft

1-02922



Depth gauge for 3.5 / 4.0 cannulated screws

1-0351



Tap / Drill sleeve  $\varnothing$  2,7mm /  $\varnothing$  1,0 mm

1-0404



Screw driver 2.5 mm, cannulated  $\varnothing$  1.35 mm

1-0702



Holding sleeve for 3.5 / 4.0 screws

1-0771



Screw forceps

1-0780





**T-Handle, cannulated Ø 1.8 mm, AO**

**1-08484**



**Cleaning stylet Ø 1.25 mm**

**5-0026**



**Cleaning brush Ø 1.35 mm**

**5-0028**



**K-wire, threaded tip, Ø 1.2 mm, length 150 mm / 5 mm**

**5-0444**



## Cannulated screws 4.5, self-drilling

### Features

Reverse cutting thread for easier screw removal.

Self-drilling and self-tapping screws.

Standard 3.5 hexagonal head is compatible with screwdrivers in other commonly used AF instrument sets.

Cannulation for 1.6 guide wires.

### Washer Ø 10 mm, for cannulated screws Ø 4.5



STAINLESS STEEL	TITANIUM ALLOY
15-3082	16-3082



### Fully threaded

Head ø	6.5 mm
Hexagonal socket	3.5 mm
Thread ø	4.5 mm
Cannulation ø	1.75 mm
Core ø	3.1 mm
Pitch	1.75 mm

#### STAINLESS STEEL

#### TITANIUM ALLOY

Code-No	Code-No	Length
15-02300	16-02300	20
15-02302	16-02302	22
15-02304	16-02304	24
15-02306	16-02306	26
15-02308	16-02308	28
15-02310	16-02310	30
15-02312	16-02312	32
15-02314	16-02314	34
15-02316	16-02316	36
15-02318	16-02318	38
15-02320	16-02320	40
15-02322	16-02322	42
15-02324	16-02324	44
15-02326	16-02326	46
15-02328	16-02328	48
15-02330	16-02330	50
15-02332	16-02332	52
15-02334	16-02334	54
15-02336	16-02336	56
15-02338	16-02338	58
15-02340	16-02340	60
15-02344	16-02344	64
15-02348	16-02348	68
15-02352	16-02352	72
15-02356	16-02356	76
15-02360	16-02360	80



### Partially threaded

Head ø	6.5 mm
Hexagonal socket	3.5 mm
Thread ø	4.5 mm
Cannulation ø	1.75 mm
Shaft ø	3.1 mm
Core ø	3.1 mm
Pitch	1.75 mm

#### STAINLESS STEEL

#### TITANIUM ALLOY

Code-No	Code-No	Length
15-02400	16-02400	20
15-02402	16-02402	22
15-02404	16-02404	24
15-02406	16-02406	26
15-02408	16-02408	28
15-02410	16-02410	30
15-02412	16-02412	32
15-02414	16-02414	34
15-02416	16-02416	36
15-02418	16-02418	38
15-02420	16-02420	40
15-02422	16-02422	42
15-02424	16-02424	44
15-02426	16-02426	46
15-02428	16-02428	48
15-02430	16-02430	50
15-02432	16-02432	52
15-02434	16-02434	54
15-02436	16-02436	56
15-02438	16-02438	58
15-02442	16-02442	60
15-02446	16-02446	64
15-02450	16-02450	68
15-02454	16-02454	72
15-02458	16-02458	76
15-02462	16-02462	80

Cannulated instruments set 4.5		
S20-1148		
Code-No	Description	Qty
20-1148	Tray cannulated instrument set 4.5	1
1-0004	Drill Bit ø 1,5mm, length 85mm x 60mm, AO shaft	1
1-0092	Cannulated drill Bit ø 3.2 mm / 1.8 mm, length 160 mm	2
1-0096	Cannulated drill Bit ø 4.5 mm / 1.8 mm, length 160 mm	1
1-0242	Tap Ø 4.5 mm, cannulated Ø 1.8 mm, length 160 mm, AO shaft	1
1-0295	Countersink for 4.5 screws, cannulated Ø 1.8mm, length 160 mm, AO shaft	1
1-0352	Depth gauge for 4.5 cannulated screws	1
1-0406	Tap / drill sleeve Ø 3.2 / Ø 4.5 mm	1
1-0704	Screw driver 3.5 mm, cannulated Ø 2.1 mm	1
1-0774	Holding sleeve for 4.5 / 6.5 screw	1
1-0780	Screw forceps	1
1-08484	T-Handle, cannulated Ø 1.8 mm, AO	1
5-0034	Cleaning stylet ø 1.6 mm	1
5-0036	Cleaning brush ø 1,75 mm	1
5-0450	K-wire, threaded tip, Ø1.6mm, length 150 mm / 5 mm	10

### Drill bits, AO shaft



Code-No	Ø	Cannulation Ø	Total length
1-0004	1.5 mm	-----	110 mm
1-0092	3.2 mm	1.8 mm	160 mm
1-0096	4.5 mm	1.8 mm	160 mm

### Tap Ø 4.5 mm, cannulated Ø 1.8 mm, length 160 mm, AO shaft

1-0242



### Countersink for 4.5 screws, cannulated Ø 1.8mm, length 160 mm, AO shaft

1-0295



### Depth gauge for 4.5 cannulated screws

1-0352



### Tap / drill sleeve Ø 3.2 / Ø 4.5 mm

1-0406



### Screw driver 3.5 mm, cannulated Ø 2.1 mm

1-0704



### Holding sleeve

1-0774



### Screw forceps

1-0780



**T-Handle, cannulated Ø 1.8 mm, AO**

1-08484



**Cleaning stylet Ø 1.6 mm**

5-0034



**Cleaning brush Ø 1.75 mm**

5-0036



**K-wire, threaded tip, Ø1.6mm, length 150 mm / 5 mm**

5-0450



## Cannulated screws 7.0, self-drilling

### Features

Reverse cutting thread for easier screw removal.

Self-drilling and self-tapping screws.

Cancellous thread profile with a large pitch to increase the resistance for pullout.

Standard 3.5 hexagonal head is compatible with screwdrivers in other commonly used AF instrument sets.

Hemispherical head offers exact annular contact in angled position in AF bone plates.



### Fully threaded

Head ø	8.0 mm
Hexagonal socket	3.5 mm
Thread ø	7.0 mm
Cannulation ø	2.1 mm
Core ø	4.5 mm
Pitch	2.75 mm

STAINLESS STEEL		TITANIUM ALLOY	
Code-No	Code-No	Length	
15-02700	16-02700	20 mm	
15-02702	16-02702	25 mm	
15-02704	16-02704	30 mm	
15-02706	16-02706	35 mm	
15-02708	16-02708	40 mm	
15-02710	16-02710	45 mm	
15-02712	16-02712	50 mm	
15-02714	16-02714	55 mm	
15-02716	16-02716	60 mm	
15-02718	16-02718	65 mm	
15-02720	16-02720	70 mm	
15-02722	16-02722	75 mm	
15-02724	16-02724	80 mm	
15-02726	16-02726	85 mm	
15-02728	16-02728	90 mm	
15-02730	16-02730	95 mm	
15-02732	16-02732	100 mm	
15-02734	16-02734	105 mm	
15-02736	16-02736	110 mm	
15-02738	16-02738	115 mm	
15-02740	16-02740	120 mm	
15-02742	16-02742	125 mm	
15-02744	16-02744	130 mm	

### Washer Ø 13 mm, for cannulated screws Ø 7.0



STAINLESS STEEL	TITANIUM ALLOY
15-3084	16-3084

### Cannulated screws 7.0, self-drilling



#### Thread length 16 mm

Head $\varnothing$	8.0 mm
Hexagonal socket	3.5 mm
Thread $\varnothing$	7.0 mm
Cannulation $\varnothing$	2.1 mm
Shaft $\varnothing$	4.5 mm
Core $\varnothing$	4.5 mm
Pitch	2.75 mm

#### STAINLESS STEEL

#### TITANIUM ALLOY

Code-No	Code-No	Length
15-02500	16-02500	25 mm
15-02502	16-02502	30 mm
15-02504	16-02504	35 mm
15-02506	16-02506	40 mm
15-02508	16-02508	45 mm
15-02510	16-02510	50 mm
15-02512	16-02512	55 mm
15-02514	16-02514	60 mm
15-02516	16-02516	65 mm
15-02518	16-02518	70 mm
15-02520	16-02520	75 mm
15-02522	16-02522	80 mm
15-02524	16-02524	85 mm
15-02526	16-02526	90 mm
15-02528	16-02528	95 mm
15-02530	16-02530	100 mm
15-02532	16-02532	105 mm
15-02534	16-02534	110 mm
15-02536	16-02536	115 mm
15-02538	16-02538	120 mm
15-02540	16-02540	125 mm
15-02542	16-02542	130 mm



#### Thread length 32 mm

Head $\varnothing$	8.0 mm
Hexagonal socket	3.5 mm
Thread $\varnothing$	7.0 mm
Cannulation $\varnothing$	2.1 mm
Shaft $\varnothing$	4.5 mm
Core $\varnothing$	4.5 mm
Pitch	2.75 mm

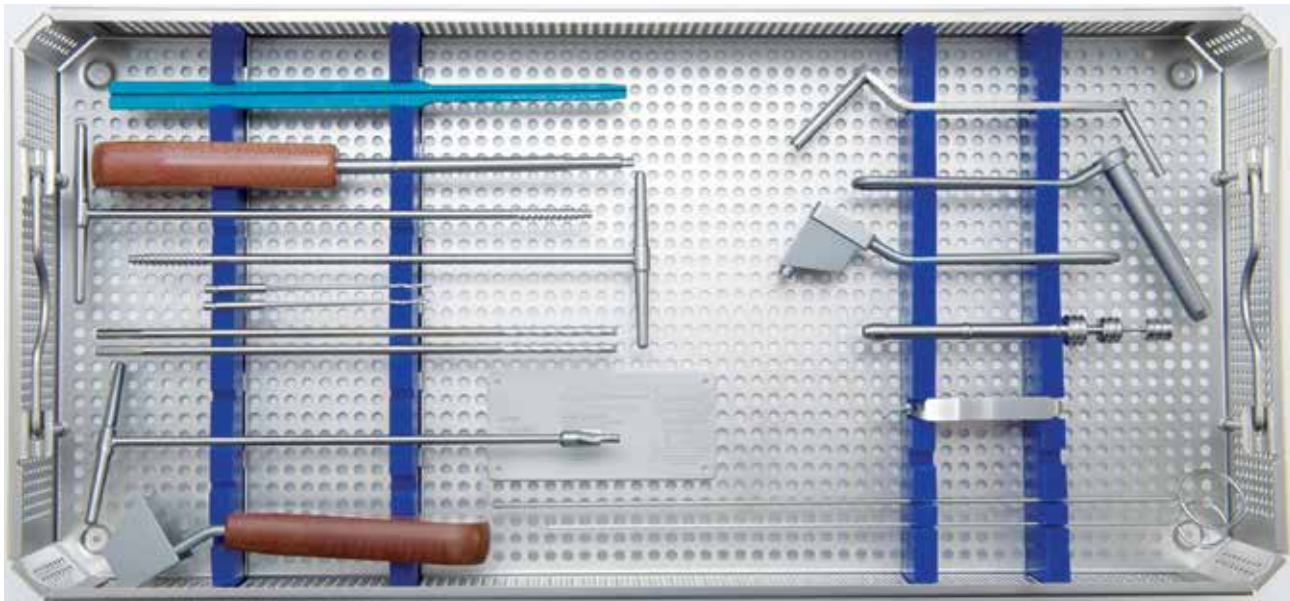
#### STAINLESS STEEL

#### TITANIUM ALLOY

Code-No	Code-No	Length
15-02600	16-02600	40 mm
15-02602	16-02602	45 mm
15-02604	16-02604	50 mm
15-02606	16-02606	55 mm
15-02608	16-02608	60 mm
15-02610	16-02610	65 mm
15-02612	16-02612	70 mm
15-02614	16-02614	75 mm
15-02616	16-02616	80 mm
15-02618	16-02618	85 mm
15-02620	16-02620	90 mm
15-02622	16-02622	95 mm
15-02624	16-02624	100 mm
15-02626	16-02626	105 mm
15-02628	16-02628	110 mm
15-02630	16-02630	115 mm
15-02632	16-02632	120 mm
15-02634	16-02634	125 mm
15-02636	16-02636	130 mm

## Cannulated instruments 7.0 mm set

S20-1150



Code-No	Description	Qty
20-1150	Tray cannulated instruments set	1
1-0006	Dill bit $\varnothing$ 2.0 mm, length 100 mm x 75 mm, AO shaft	2
1-0097	Cannulated drill bit $\varnothing$ 4.5 mm, cannulated $\varnothing$ 2.1 mm, 230 mm length	2
1-0244	Tap for 7.0 mm cannulated screw	1
1-0300	Countersink cannulated, T-handle, for 7.0 mm cannulated screw	1
1-0350	Depth gouge for 7.0 mm cannulated screw	1
1-0406	Tap / drill sleeve $\varnothing$ 3.2 / 4.5 mm	1
1-0450	Parallel targeting device for guide wires $\varnothing$ 2 mm	1
1-0451	Parallel targeting device for $\varnothing$ 4.5 mm drill	1
1-0452	Tissue protector sleeve 11.0 / 8.0 mm	1
1-04521	Drill sleeve 8.0 / 4.5 mm	1
1-04522	Drill sleeve 4.5 / 2.0 mm	2
1-04523	Trocar 2.0 mm	1
1-0704	Screw driver 3.5 cannulated, for 7.0 cannulated screw	1
1-0774	Holding sleeve for 4.5 / 6.5 screw	1
1-0780	Screw forceps	1
5-0030	Cleaning stylet $\varnothing$ 2.1 mm, 280 mm	1
5-0032	Cleaning brush $\varnothing$ 2.1 mm, 300 mm	1
5-0104	Guide wire, threaded, $\varnothing$ 2.0 mm, 230 mm, 10 mm thread	10



Drill Bit  $\varnothing$  2,0mm, length 100mm x 75mm, AO shaft

1-0006



Cannulated drill bit  $\varnothing$  4,5 mm /  $\varnothing$  2,1 mm, 230 mm

1-0097



Tap  $\varnothing$  7.0 mm, cannulated, length 230 mm

1-0244



Countersink, cannulated, length 230 mm

1-0300



Depth gauge

1-0350



Tap / drill sleeve  $\varnothing$  3.2 /  $\varnothing$  4.5 mm

1-0406



Parallel targeting device for guide wires  $\varnothing$  2.0 mm

1-0450



Parallel targeting device for  $\varnothing$  4.5 mm drill

1-0451



Tissue protector sleeve  $\varnothing$  11.0 /  $\varnothing$  8.0 mm

1-0452



Drill sleeve Ø 8.0 / Ø 4.5 mm



1-04521

Drill sleeve Ø 4.5 / Ø 2.0 mm



1-04522

Trocar Ø 2.0 mm



1-04523

Screw driver 3.5 mm, cannulated



1-0704

Holding sleeve



1-0774

Screw forceps



1-0780

Cleaning stylet Ø 2.0 mm, length 280 mm



5-0030

Cleaning brush Ø 2.1 mm, length 300 mm



5-0032

Threaded guide wire Ø 2.0 mm, length 230 mm



5-0104

