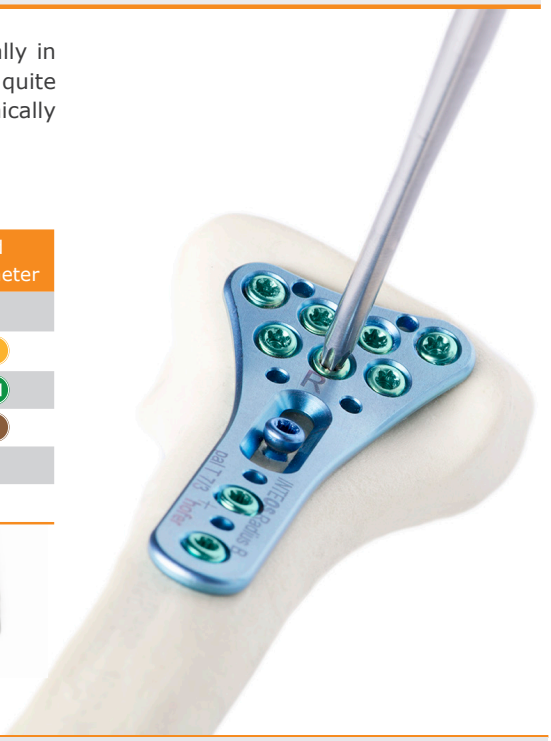
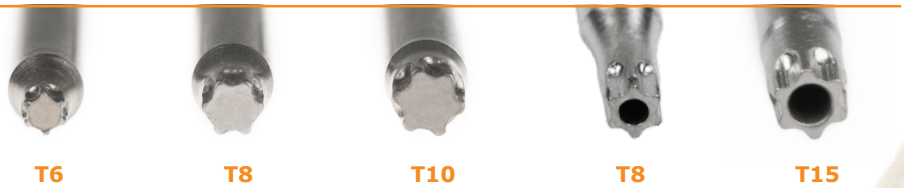
Explantation of INTE**OS**® Plates and Screws

After fracture healing the implant loses its function and can be removed. Especially in case of a long duration of the implantation the bone–titanium contact can become quite tough. Therefore, it is recommended to remove the material as soon as a clinically acceptable bony support got established.



Required instruments

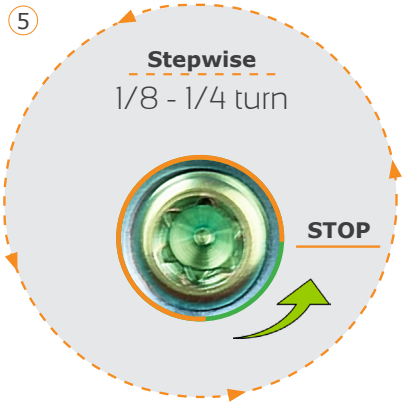
System and screw diameter	Screwdriver ForceDRIVE with Shaft:	Series	Head diameter
INTE**OS**® **1.5 - 2.2** Screw:	**T6**	Mini fragment	
INTE**OS**® **2.2 - 2.5** Screw:	**T6**	Small fragment	S
INTE**OS**® **2.5 - 3.0** Screw:	**T8**	Small fragment	M
INTE**OS**® **3.0 - 3.5** Screw:	**T10**	Small fragment	L
OSTYS® **2.8** Compression Screw:	**T8 can.**	OSTYS®	
OSTYS® **4.0** Cannulated Screw:	**T15 can.**	OSTYS®	



T6 **T8** **T10** **T8** **T15**

In such a situation of a strong bond

between a bone screw and the bone the following procedure can be recommended for a quick removal:



Hold till screw doesn't show counter torque, then next **1/8 - 1/4** turn

1. Clean screw heads and plate
2. Exact exposure of the ForceDRIVE connection in the screw head
3. Attach screwdriver
4. Perform some slight strikes in axial direction onto the attached screwdriver and simultaneously turn it left and right
5. Perform stepwise unlocking of the screw according to picture

In case of extremely strong connection

Expand stepwise unlocking by partial re-locking

If the screw breaks,

standard extraction instruments can be applied to remove it.
Please note that the plate has to be removed first.

Hofer GmbH & Co KG
JAHNSTRASSE 10-12
A-8280 FÜRSTENFELD

Februar 2020

TEL: +43(0)3382/53388
FAX: +43(0)3382/53093

office@hofer-medical.com
www.hofer-medical.com

Hofer Press: 20210222mv_INTEOS_Explantation_of_Plates_and_Screws-multilingual

FN21826y
UID ATU30764704