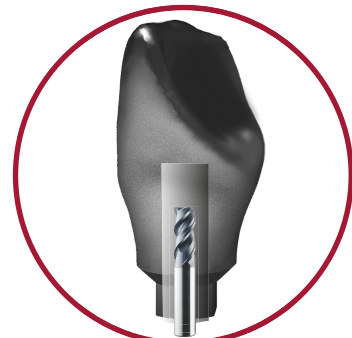


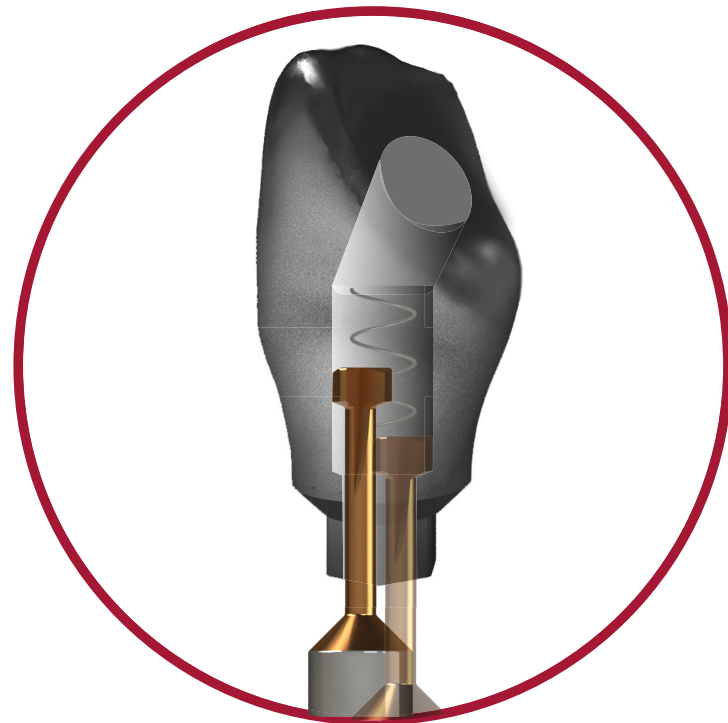
# Dynamic Milling Tool



**STEP 1:**  
Crown with pre drill.



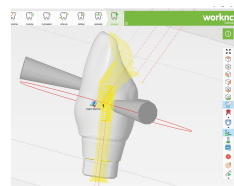
**STEP 2:**  
Crown with Angled channel.



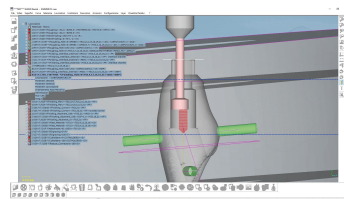
## DMTONE DYNAMIC MILLING TOOL

**STEP 3:**  
Crown with Dynamic Milling Tool.  
Milling of the screw seat increasing the diameter of the straight channel.

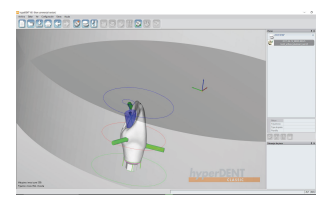
**TESTED and VALIDATED by**



**worknc**  
Dental



**sum3D**  
One step design



**hyperDENT**  
FOLLOW-ME!  
TECHNOLOGY GROUP



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das@dynamicabutment.com  
www.dynamicabutment.com



**DYNAMIC  
MILLING TOOL**



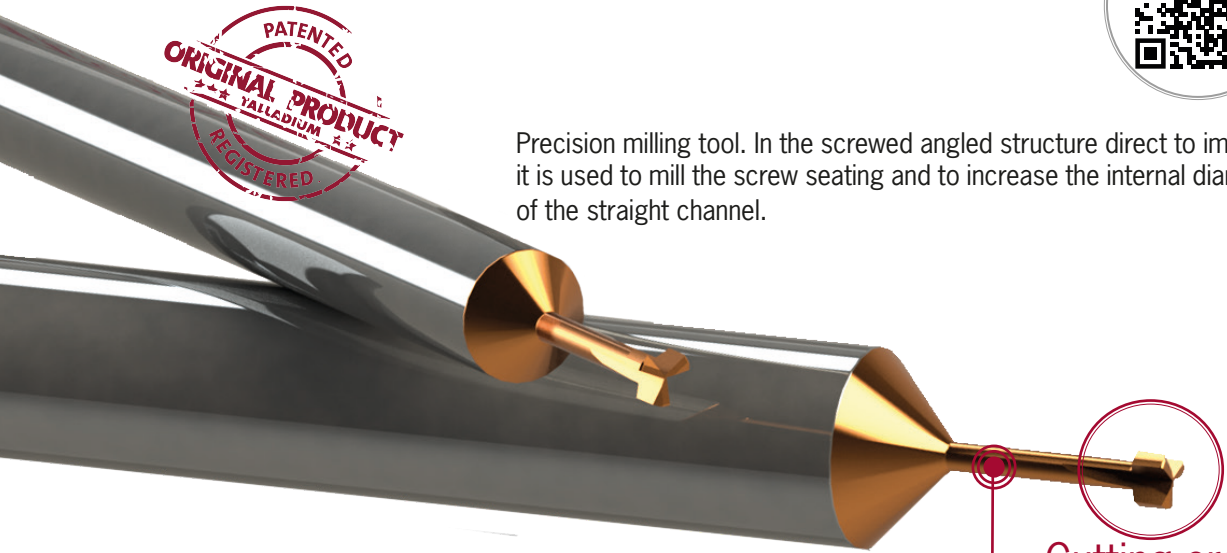
# Dynamic Milling Tool

# Dimensional Characteristics

Each tool is compatible depending on  
screw seating, metric and length



Precision milling tool. In the screwed angled structure direct to implant,  
it is used to mill the screw seating and to increase the internal diameter  
of the straight channel.



Cutting area

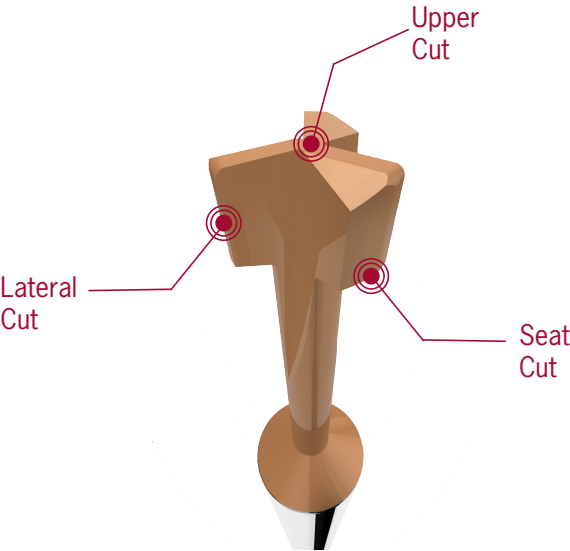
Useful length

**DMTONE**  
DYNAMIC MILLING TOOL

There are 3 cutting wing-tips with 3 different cutting area  
each, to mill the screw seating and to increase the internal  
diameter of the straight channel.

**MILLING materials:**

Titanium  
Cobalt Chrome  
Peek  
Plastic  
Zirconium  
Etc...

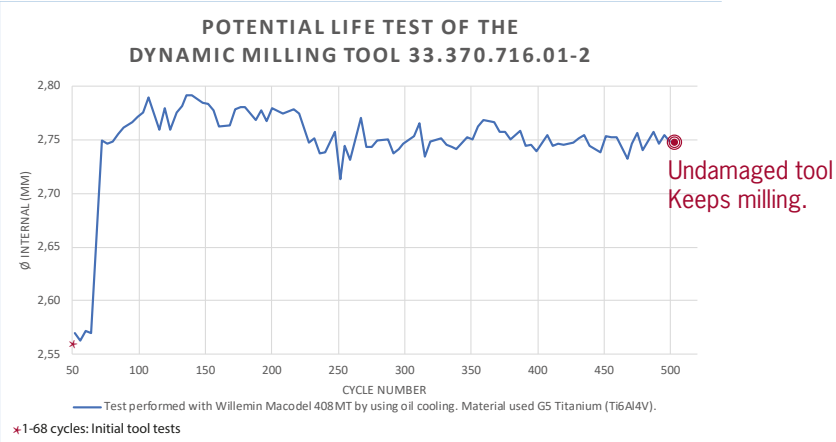
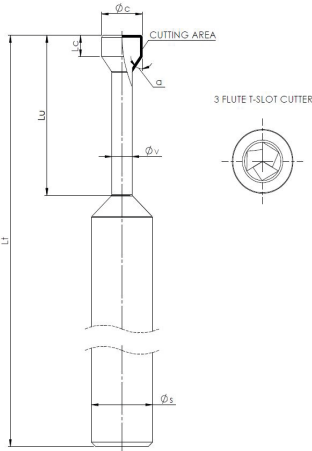


| MAIN CONNECTION*                                                                                                                                          | REFERENCE       | CUTTING DIAMETER | SEAT | CUTTING LENGTH | USEFUL LENGTH (max. drilling depth) | STEM CUTTING DIAMETER | SUPPORT DIAMETER (SHANK) | TOTAL LENGTH |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|------|----------------|-------------------------------------|-----------------------|--------------------------|--------------|
|                                                                                                                                                           |                 | Øc               | α    | Lc             | Lu                                  | Øv                    | Øs                       | Lt           |
| ASTRA EVOLUTION 3.0<br>BEGO RS/RSX 3                                                                                                                      | 33.325.472.01-2 | 1,4              | 25   | 0,4            | 4,7                                 | 0,5                   | 3                        | 50           |
|                                                                                                                                                           | 33.425.472.01-2 | 1,4              | 25   | 0,4            | 4,7                                 | 0,5                   | 4                        | 50           |
|                                                                                                                                                           | 33.625.472.01-2 | 1,4              | 25   | 0,4            | 4,7                                 | 0,5                   | 6                        | 50           |
| MEDENTIS ICX TEMPLANT 4,1<br>STRAUMANN BONE LEVEL NP<br>STRAUMANN BONE LEVEL RP<br>STRAUMANN TISSUE LEVEL NNC                                             | 33.315.804.01-2 | 1,6              | 15   | 0,7            | 8                                   | 0,65                  | 3                        | 50           |
|                                                                                                                                                           | 33.415.804.01-2 | 1,6              | 15   | 0,7            | 8                                   | 0,65                  | 4                        | 50           |
|                                                                                                                                                           | 33.615.804.01-2 | 1,6              | 15   | 0,7            | 8                                   | 0,65                  | 6                        | 50           |
| ANTHOGYR AXIOM RG/PX XNP<br>ANTHOGYR AXIOM RG/PX RP<br>ANTHOGYR AXIOM RG/PX WP                                                                            | 33.320.704.01-2 | 1,6              | 20   | 0,7            | 7                                   | 0,8                   | 3                        | 50           |
|                                                                                                                                                           | 33.420.704.01-2 | 1,6              | 20   | 0,7            | 7                                   | 0,8                   | 4                        | 50           |
|                                                                                                                                                           | 33.620.704.01-2 | 1,6              | 20   | 0,7            | 7                                   | 0,8                   | 6                        | 50           |
| ALPHABIO CONICAL STANDARD CONNECTION<br>ANKYLOS<br>ASTRA EVOLUTION 3.6                                                                                    | 33.330.734.01-2 | 1,6              | 30   | 0,7            | 7,3                                 | 0,8                   | 3                        | 50           |
|                                                                                                                                                           | 33.430.734.01-2 | 1,6              | 30   | 0,7            | 7,3                                 | 0,8                   | 4                        | 50           |
|                                                                                                                                                           | 33.630.734.01-2 | 1,6              | 30   | 0,7            | 7,3                                 | 0,8                   | 6                        | 50           |
| NOBEL BIO CARE ACTIVE 3.0<br>NOBEL BIO CARE ACTIVE NP                                                                                                     | 33.335.754.01-2 | 1,6              | 35   | 0,7            | 7,5                                 | 0,65                  | 3                        | 50           |
|                                                                                                                                                           | 33.435.754.01-2 | 1,6              | 35   | 0,7            | 7,5                                 | 0,65                  | 4                        | 50           |
|                                                                                                                                                           | 33.635.754.01-2 | 1,6              | 35   | 0,7            | 7,5                                 | 0,65                  | 6                        | 50           |
| BIOTECH DENTAL KONTACT 3.0<br>BIOTECH DENTAL KONTACT RP<br>CAMLOG SCREW LINE 3.8/4,3<br>KLOCKNER VEGA NV<br>OSSTEM IMPLANT TS NP MINI<br>XIVE S 3,4       | 33.345.804.01-2 | 1,6              | 45   | 0,7            | 8                                   | 0,65                  | 3                        | 50           |
|                                                                                                                                                           | 33.445.804.01-2 | 1,6              | 45   | 0,7            | 8                                   | 0,65                  | 4                        | 50           |
|                                                                                                                                                           | 33.645.804.01-2 | 1,6              | 45   | 0,7            | 8                                   | 0,65                  | 6                        | 50           |
| ALPHABIO CONICAL HEX CONNECTION<br>ASTRA YELLOW<br>CONOLOG 3.8/4,3<br>MIS C1 NP<br>MIS M4 NP                                                              | 33.360.754.01-2 | 1,6              | 60   | 0,7            | 7,5                                 | 0,65                  | 3                        | 50           |
|                                                                                                                                                           | 33.460.754.01-2 | 1,6              | 60   | 0,7            | 7,5                                 | 0,65                  | 4                        | 50           |
|                                                                                                                                                           | 33.660.754.01-2 | 1,6              | 60   | 0,7            | 7,5                                 | 0,65                  | 6                        | 50           |
| ASTRA AQUA<br>BIOMET 3i CERTAIN NP                                                                                                                        | 33.390.754.01-2 | 1,6              | 90   | 0,7            | 7,5                                 | 0,65                  | 3                        | 50           |
|                                                                                                                                                           | 33.490.754.01-2 | 1,6              | 90   | 0,7            | 7,5                                 | 0,65                  | 4                        | 50           |
|                                                                                                                                                           | 33.690.754.01-2 | 1,6              | 90   | 0,7            | 7,5                                 | 0,65                  | 6                        | 50           |
| ASTRA EVOLUTION 4.2                                                                                                                                       | 33.350.775.01-2 | 1,7              | 50   | 0,7            | 7,7                                 | 0,8                   | 3                        | 50           |
|                                                                                                                                                           | 33.450.775.01-2 | 1,7              | 50   | 0,7            | 7,7                                 | 0,8                   | 4                        | 50           |
|                                                                                                                                                           | 33.650.775.01-2 | 1,7              | 50   | 0,7            | 7,7                                 | 0,8                   | 6                        | 50           |
| BIOMET 3i CERTAIN RP/WP<br>MEGAGEN ANYRIDGE RP<br>NOBEL BIO CARE BRANEMARK NP<br>NOBEL BIO CARE REPLACE NP                                                | 33.390.805.01-2 | 1,7              | 90   | 0,7            | 8                                   | 0,65                  | 3                        | 50           |
|                                                                                                                                                           | 33.490.805.01-2 | 1,7              | 90   | 0,7            | 8                                   | 0,65                  | 4                        | 50           |
|                                                                                                                                                           | 33.690.805.01-2 | 1,7              | 90   | 0,7            | 8                                   | 0,65                  | 6                        | 50           |
| BEGO S/RI 3,25-3,75/4,1/4,5/5,50                                                                                                                          | 33.335.676.01-2 | 1,8              | 35   | 1              | 6,7                                 | 0,9                   | 3                        | 50           |
|                                                                                                                                                           | 33.435.676.01-2 | 1,8              | 35   | 1              | 6,7                                 | 0,9                   | 4                        | 50           |
|                                                                                                                                                           | 33.635.676.01-2 | 1,8              | 35   | 1              | 6,7                                 | 0,9                   | 6                        | 50           |
| KLOCKNER ESSENTIAL CONE 4.5<br>KLOCKNER ESSENTIAL CONE 4.5 OCTACONE 12º<br>KLOCKNER ESSENTIAL CONE 4.5 OCTACONE 25º<br>KLOCKNER VEGA RV<br>XIVE S 3,8/4,5 | 33.345.856.01-2 | 1,8              | 45   | 1              | 8,5                                 | 0,9                   | 3                        | 50           |
|                                                                                                                                                           | 33.445.856.01-2 | 1,8              | 45   | 1              | 8,5                                 | 0,9                   | 4                        | 50           |
|                                                                                                                                                           | 33.645.856.01-2 | 1,8              | 45   | 1              | 8,5                                 | 0,9                   | 6                        | 50           |
| MIS C1 RP/WP<br>S&M OUTLINK 3,3/4,1<br>S&M PREMIUM KHONO 3,3/3,8/4,25                                                                                     | 33.360.756.01-2 | 1,8              | 60   | 1              | 7,5                                 | 0,9                   | 3                        | 50           |
|                                                                                                                                                           | 33.460.756.01-2 | 1,8              | 60   | 1              | 7,5                                 | 0,9                   | 4                        | 50           |
|                                                                                                                                                           | 33.660.756.01-2 | 1,8              | 60   | 1              | 7,5                                 | 0,9                   | 6                        | 50           |
| ASTRA EVOLUTION UNIT ABUTMENT<br>ZIMMER SCREW-VENT 3.5<br>ZIMMER SCREW-VENT 4.5<br>ZIMMER SCREW VENT 5,7                                                  | 33.370.716.01-2 | 1,8              | 70   | 1              | 7,1                                 | 0,9                   | 3                        | 50           |
|                                                                                                                                                           | 33.470.716.01-2 | 1,8              | 70   | 1              | 7,1                                 | 0,9                   | 4                        | 50           |
|                                                                                                                                                           | 33.670.716.01-2 | 1,8              | 70   | 1              | 7,1                                 | 0,9                   | 6                        | 50           |

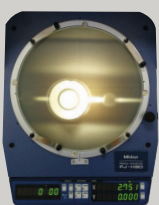
\*Check new compatibilities available emailing: [das@dynamicabutment.com](mailto:das@dynamicabutment.com)

| MAIN CONNECTION*                                                                                                                                                                                                                                                | REFERENCE       | CUTTING DIAMETER | SEAT | CUTTING LENGTH | USEFUL LENGTH (max. drilling depth) | STEM CUTTING DIAMETER | SUPPORT DIAMETER (SHANK) | TOTAL LENGTH |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|------|----------------|-------------------------------------|-----------------------|--------------------------|--------------|
|                                                                                                                                                                                                                                                                 |                 | Øc               | α    | Lc             | Lu                                  | Øv                    | Øs                       | Lt           |
| ANTHOGYR MULTI-UNIT 4.8<br>BIOMET 3i OSSEOTITE NP/WP<br>BTI EXTERNAL CONNECTION NP/RP/WP<br>BTI MULTI-IM UNIVERSAL RP<br>KEYSTONE PRIMA NP/RP/WP<br>MIS MULTI-UNIT ST<br>NEOSS PROACTIVE 3,4/4,1<br>NOBEL BIO CARE BRANEMARK RP<br>NOBEL BIO CARE MULTI-UNIT RP | 33.390.716.01-2 | 1,8              | 90   | 1              | 7,1                                 | 0,9                   | 3                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.490.716.01-2 | 1,8              | 90   | 1              | 7,1                                 | 0,9                   | 4                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.690.716.01-2 | 1,8              | 90   | 1              | 7,1                                 | 0,9                   | 6                        | 50           |
| STRAUMANN INTERNAL OCTAGON 4,8<br>STRAUMANN INTERNAL OCTAGON 6,5                                                                                                                                                                                                | 33.315.708.01-2 | 2                | 15   | 1              | 7                                   | 1                     | 3                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.415.708.01-2 | 2                | 15   | 1              | 7                                   | 1                     | 4                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.615.708.01-2 | 2                | 15   | 1              | 7                                   | 1                     | 6                        | 50           |
| STRAUMANN SYNOCTA RP                                                                                                                                                                                                                                            | 33.330.708.01-2 | 2                | 30   | 1              | 7                                   | 1                     | 3                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.430.708.01-2 | 2                | 30   | 1              | 7                                   | 1                     | 4                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.630.708.01-2 | 2                | 30   | 1              | 7                                   | 1                     | 6                        | 50           |
| NOBEL BIO CARE ACTIVE RP<br>NOBEL BIO CARE ACTIVE WP                                                                                                                                                                                                            | 33.335.758.01-2 | 2                | 35   | 1              | 7,5                                 | 1                     | 3                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.435.758.01-2 | 2                | 35   | 1              | 7,5                                 | 1                     | 4                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.635.758.01-2 | 2                | 35   | 1              | 7,5                                 | 1                     | 6                        | 50           |
| OSSTEM IMPLANT TS RP                                                                                                                                                                                                                                            | 33.345.808.01-2 | 2                | 45   | 1              | 8                                   | 1                     | 3                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.445.808.01-2 | 2                | 45   | 1              | 8                                   | 1                     | 4                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.645.808.01-2 | 2                | 45   | 1              | 8                                   | 1                     | 6                        | 50           |
| ASTRA EVOLUTION 4.8/5,4<br>ASTRA LILAC<br>NOBEL BIO CARE BRANEMARK WP<br>NOBEL BIO CARE REPLACE RP/WP/6.0                                                                                                                                                       | 33.390.958.01-2 | 2                | 90   | 1              | 9,5                                 | 1                     | 3                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.490.958.01-2 | 2                | 90   | 1              | 9,5                                 | 1                     | 4                        | 50           |
|                                                                                                                                                                                                                                                                 | 33.690.958.01-2 | 2                | 90   | 1              | 9,5                                 | 1                     | 6                        | 50           |

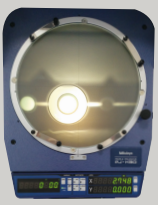
## Study of the Tool



123 Cycles  
Ø 2,759 mm



327 Cycles  
Ø 2,751 mm



500 Cycles  
Ø 2,748 mm



Dynamic  
Milling Tool  
Initial  
condition



Dynamic  
Milling Tool  
Condition after  
500 cycles