

## HP Pins and Burs

ISO		Description	Page
001	801	round	22
001S	801S	round - short	22
002	802	round with collar	23
010	805	inverted cone	23
019	806	inverted cone with collar	24
020	812	hollow inverted cone	24
021	810	hollow inverted cone	24
022	812	hollow inverted cone	24
023	810	hollow inverted cone	24
039	811	barrel	24
109	835	flat end cylinder	25
110	836	flat end cylinder	25
111	840	flat end cylinder	25
141	842	round end cylinder	25
164	852	pointed cone	25
166	859	pointed cone	25
171	846	flat end taper	26
172	847	flat end taper	26
198	856	round end taper	26
199	850	round end taper	26
225	807	inverted cone	26
249	862	flame	27
250	863	flame	27
257	368	football	27
260	875	bud	27
263	875	bud	27
266	879	bud	27
273	874	paraboloidal	28
303	825	knife edge	28

### HP Long

ISO		Description	Page
001L	801L	round	29
041L	815	wheel	29
112L	837	flat end cylinder	30
167L	859L	pointed cone	30
173L	848	flat end taper	30
198L	856	round end taper	30
199L	850	round end taper	30
225L	807	inverted cone	30

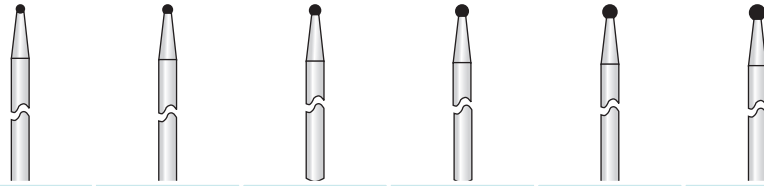
### HP Special Shapes

ISO		Description	Page
110	837	flat end cylinder	28
112	837L	flat end cylinder	28
113	837L	flat end cylinder	28
150	837	flat end cylinder	29
173	848	flat end taper	29
200	850L	round end taper	29
201	850L	round end taper	29
490		hollow plaster cutters	31
		water cooled burs	31

**001 801**

**Round**

ISO Shank 104

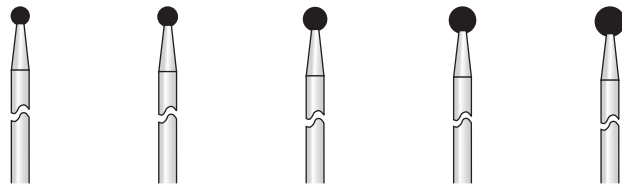


ISO No.	001-009	001-011	001-013	001-015	001-017	001-019
Head dia $\phi$ 1/10mm	009	011	013	015	017	019
L1: Head Length mm	0.9	1.1	1.3	1.5	1.7	1.9
L2:Overall Length mm	44.5	44.5	44.5	44.5	44.5	44.5
<span style="color:blue">●</span> M Order No.	HP/001-009M	HP/001-011M	HP/001-013M	HP/001-015M	HP/001-017M	HP/001-019M
<span style="color:green">●</span> C Order No.		HP/001-011C	HP/001-013C	HP/001-015C	HP/001-017C	HP/001-019C

**001 801**

**Round**

ISO Shank 104



ISO No.	001-022	001-024	001-029	001-033	001-037
Head dia $\phi$ 1/10mm	022	024	029	033	037
L1: Head Length mm	2.2	2.4	2.9	3.3	3.7
L2:Overall Length mm	44.5	44.5	44.5	44.5	44.5
<span style="color:blue">●</span> M Order No.	HP/001-022M	HP/001-024M	HP/001-029M	HP/001-033M	HP/001-037M
<span style="color:green">●</span> C Order No.	HP/001-022C	HP/001-024C	HP/001-029C	HP/001-033C	HP/001-037C
<span style="color:black">●</span> XC Order No.				HP/001-033XC	

**001S 801S**

**Round**

**Short**



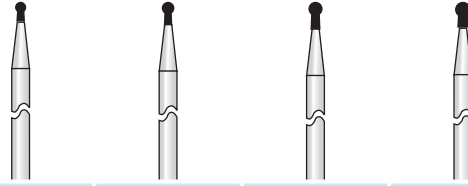
ISO No.	001-014S	001-018S
Head dia $\phi$ 1/10mm	014	018
L1: Head Length mm	1.4	1.8
L2:Overall Length mm	29	29
<span style="color:blue">●</span> M Order No.	HP/001-014SM	HP/001-018SM
<span style="color:green">●</span> C Order No.	HP/001-014SC	HP/001-018SC

Diamond Grit		ISO No.
<span style="color:blue">●</span> M	Medium	5 2 4
<span style="color:green">●</span> c	Coarse	5 3 4
<span style="color:black">●</span> xc	Extra Coarse	5 4 4

**002 802**

**Round with Collar**

ISO Shank 104

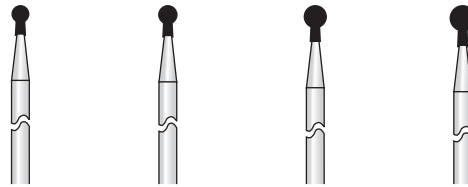


ISO No.	002-013	002-015	002-017	002-019
Head dia $\phi 1/10$ mm	013	015	017	019
L1: Head Length mm	2.5	3.0	3.5	3.5
L2:Overall Length mm	44.5	44.5	44.5	44.5
<span style="color:blue">●</span> M Order No.	HP/002-013M	HP/002-015M	HP/002-017M	HP/002-019M
<span style="color:green">●</span> C Order No.	HP/002-013C	HP/002-015C	HP/002-017C	HP/002-019C

**002 802**

**Round with Collar**

ISO Shank 104

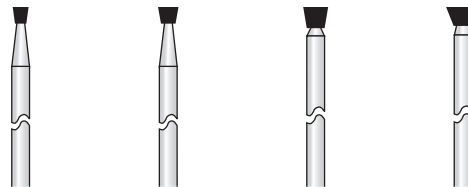


ISO No.	002-022	002-024	002-029	002-033
Head dia $\phi 1/10$ mm	022	024	029	033
L1: Head Length mm	4.0	4.5	5.0	5.5
L2:Overall Length mm	44.5	44.5	44.5	44.5
<span style="color:blue">●</span> M Order No.	HP/002-022M	HP/002-024M	HP/002-029M	HP/002-033M
<span style="color:green">●</span> C Order No.	HP/002-022C	HP/002-024C	HP/002-029C	HP/002-033C

**010 805**

**Inverted Cone**

ISO Shank 104

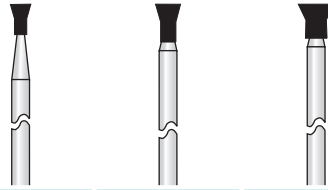


ISO No.	010-021	010-027	010-033	010-045
Head dia $\phi 1/10$ mm	021	027	033	045
L1: Head Length mm	2.0	2.2	2.8	2.5
L2:Overall Length mm	44.5	44.5	44.5	42
<span style="color:blue">●</span> M Order No.	HP/010-021M	HP/010-027M	HP/010-033M	HP/010-045M
<span style="color:green">●</span> C Order No.		HP/010-027C	HP/010-033C	HP/010-045C

**019 806**

**Inverted Cone  
With Collar**

ISO Shank 104

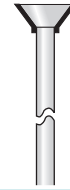


ISO No.	019-027	019-033	019-045
Head dia $\phi 1/10$ mm	027	033	045
L1: Head Length mm	4.0	5.0	4.5
L2:Overall Length mm	44.5	44.5	42
<span style="color:blue">●</span> M Order No.	HP/019-027M	HP/019-033M	HP/019-045M
<span style="color:green">●</span> C Order No.	HP/019-027C	HP/019-033C	HP/019-045C

**020 812**

**Inverted Cone  
Cup - Hollow**

ISO Shank 104



ISO No.	020-070
Head dia $\phi 1/10$ mm	070
L1: Head Length mm	3.0
L2:Overall Length mm	41
<span style="color:blue">●</span> M Order No.	HP/020-070M
<span style="color:green">●</span> C Order No.	HP/020-070C

**021 810**

**Inverted Cone  
Cup - Hollow**

ISO Shank 104

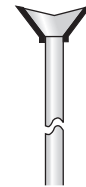


ISO No.	021-070
Head dia $\phi 1/10$ mm	070
L1: Head Length mm	3.0
L2:Overall Length mm	41
<span style="color:blue">●</span> M Order No.	HP/021-070M
<span style="color:green">●</span> C Order No.	HP/021-070C

**022 812**

**Inverted Cone  
Cup - Hollow**

ISO Shank 104

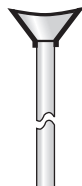


ISO No.	022-083
Head dia $\phi 1/10$ mm	083
L1: Head Length mm	4.0
L2:Overall Length mm	42
<span style="color:blue">●</span> M Order No.	HP/022-083M
<span style="color:green">●</span> C Order No.	HP/022-083C

**023 810**

**Inverted Cone  
Cup - Hollow**

ISO Shank 104



ISO No.	023-083
Head dia $\phi 1/10$ mm	083
L1: Head Length mm	4.0
L2:Overall Length mm	42
<span style="color:blue">●</span> M Order No.	HP/023-083M
<span style="color:green">●</span> C Order No.	HP/023-083C

**039 811**

**Barrel**

ISO Shank 104

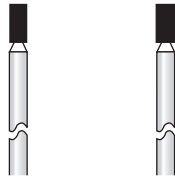


ISO No.	039-046
Head dia $\phi 1/10$ mm	046
L1: Head Length mm	7.0
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/039-046M
<span style="color:green">●</span> C Order No.	HP/039-046C

**109 835**

**Flat End Cylinder**

ISO Shank 104

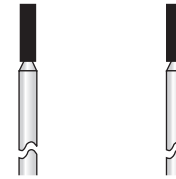


ISO No.	109-022	109-025
Head dia $\phi 1/10$ mm	022	025
L1: Head Length mm	5.0	5.0
L2:Overall Length mm	44.5	43.5
<span style="color:blue">●</span> M Order No.	HP/109-022M	HP/109-025M
<span style="color:green">●</span> C Order No.	HP/109-022C	HP/109-025C

**110 836**

**Flat End Cylinder**

ISO Shank 104



ISO No.	110-020	110-023
Head dia $\phi 1/10$ mm	020	023
L1: Head Length mm	7.5	7.5
L2:Overall Length mm	44.5	44.5
<span style="color:blue">●</span> M Order No.	HP/110-020M	HP/110-023M
<span style="color:green">●</span> C Order No.	HP/110-020C	HP/110-023C

**111 840**

**Flat End Cylinder**

ISO Shank 104



ISO No.	111-033
Head dia $\phi 1/10$ mm	033
L1: Head Length mm	8.0
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/111-033M
<span style="color:green">●</span> C Order No.	HP/111-033C

**141 842**

**Round End Cylinder**

ISO Shank 104



ISO No.	141-022
Head dia $\phi 1/10$ mm	022
L1: Head Length mm	8.0
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/141-022M
<span style="color:green">●</span> C Order No.	HP/141-022C

**164 852**

**Pointed Cone**

ISO Shank 104



ISO No.	164-040
Head dia $\phi 1/10$ mm	040
L1: Head Length mm	6.5
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/164-040M
<span style="color:green">●</span> C Order No.	HP/164-040C

**166 859**

**Pointed Cone**

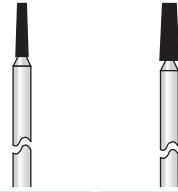
ISO Shank 104



ISO No.	166-024
Head dia $\phi 1/10$ mm	024
L1: Head Length mm	10
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/166-024M
<span style="color:green">●</span> C Order No.	HP/166-024C

## 171 846

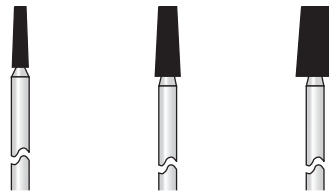
### Flat End Taper



ISO No.	171-016	171-025
Head dia $\phi$ 1/10mm	016	025
L1: Head Length mm	7.0	7.5
L2:Overall Length mm	44.5	44.5
<span style="color:blue">●</span> M Order No.	HP/171-016M	HP/171-025M
<span style="color:green">●</span> C Order No.	HP/171-016C	HP/171-025C

## 172 847

### Flat End Taper



ISO No.	172-021	172-033	172-050
Head dia $\phi$ 1/10mm	021	033	050
L1: Head Length mm	8.0	9.2	9.2
L2:Overall Length mm	44.5	48.5	46.0
<span style="color:blue">●</span> M Order No.	HP/172-021M	HP/172-033M	HP/172-050M
<span style="color:green">●</span> C Order No.	HP/172-021C	HP/172-033C	HP/172-050C

## 198 856

### Round End Taper

ISO Shank 104



ISO No.	198-020
Head dia $\phi$ 1/10mm	020
L1: Head Length mm	9.0
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/198-020M
<span style="color:green">●</span> C Order No.	HP/198-020C

## 199 850

### Round End Taper

ISO Shank 104



ISO No.	199-020
Head dia $\phi$ 1/10mm	020
L1: Head Length mm	10.0
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/199-020M
<span style="color:green">●</span> C Order No.	HP/199-020C

## 225 807

### Inverted Cone

ISO Shank 104

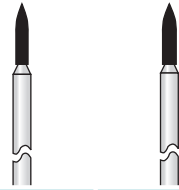


ISO No.	225-023
Head dia $\phi$ 1/10mm	023
L1: Head Length mm	6.0
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/225-023M
<span style="color:green">●</span> C Order No.	HP/225-023C

**249** **862**

**Flame**

ISO Shank 104



ISO No.	249-016	249-018
Head dia $\phi 1/10$ mm	016	018
L1: Head Length mm	8.0	8.0
L2:Overall Length mm	44.5	44.5
<span style="color:blue">●</span> M Order No.	HP/249-016M	HP/249-018M
<span style="color:green">●</span> C Order No.	HP/249-016C	HP/249-018C

**250** **863**

**Flame**

ISO Shank 104

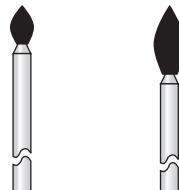


ISO No.	250-027
Head dia $\phi 1/10$ mm	027
L1: Head Length mm	11.0
L2:Overall Length mm	45
<span style="color:blue">●</span> M Order No.	HP/250-027M
<span style="color:green">●</span> C Order No.	HP/250-027C

**257** **368**

**Football**

ISO Shank 104



ISO No.	257-030	257-040
Head dia $\phi 1/10$ mm	030	040
L1: Head Length mm	5.0	9.0
L2:Overall Length mm	44.5	41
<span style="color:blue">●</span> M Order No.	HP/257-030M	HP/257-040M
<span style="color:green">●</span> C Order No.	HP/257-030C	HP/257-040C

**260** **875**

**Bud**

ISO Shank 104

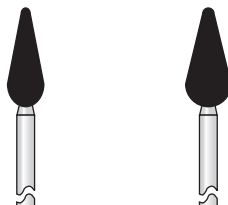


ISO No.	260-065
Head dia $\phi 1/10$ mm	065
L1: Head Length mm	11.0
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/260-065M
<span style="color:green">●</span> C Order No.	HP/260-065C
<span style="color:black">●</span> XC Order No.	HP/260-065XC
Special XXC Order No.	HP/260-065XXC

**263** **875**

**Bud**

ISO Shank 104

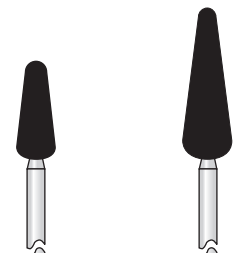


ISO No.	263-048	263-060
Head dia $\phi 1/10$ mm	048	060
L1: Head Length mm	13.0	13.0
L2:Overall Length mm	50	50
<span style="color:blue">●</span> M Order No.		HP/263-060M
<span style="color:green">●</span> C Order No.		HP/263-060C
<span style="color:black">●</span> XC Order No.		HP/263-060XC
Special XXC Order No.	HP/263-048XXC	HP/263-060XXC

**266** **879**

**Bud**

ISO Shank 104



ISO No.	266-048	266-065
Head dia $\phi 1/10$ mm	048	060
L1: Head Length mm	13.0	20.0
L2:Overall Length mm	44.5	57.0
<span style="color:blue">●</span> M Order No.	HP/266-048M	
<span style="color:green">●</span> C Order No.	HP/266-048C	
<span style="color:black">●</span> XC Order No.	HP/266-048XC	HP/266-065XC
Special XXC Order No.	HP/266-048XXC	HP/266-065XXC

**273 874**

**Paraboloidal**

ISO Shank 104

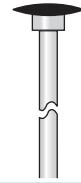


ISO No.	273-027
Head dia $\phi 1/10$ mm	027
L1: Head Length mm	4.8
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/273-027M
<span style="color:green">●</span> C Order No.	HP/273-027C

**303 825**

**Knife edge**

ISO Shank 104



ISO No.	303-093
Head dia $\phi 1/10$ mm	093
L1: Head Length mm	1.5
L2:Overall Length mm	44.5
<span style="color:blue">●</span> M Order No.	HP/303-093M
<span style="color:green">●</span> C Order No.	HP/303-093C

**HP Special Shapes**

**110 837**

**Flat End Cylinder**

ISO Shank 104



ISO No.	110-055
Head dia $\phi 1/10$ mm	055
L1: Head Length mm	7.0
L2:Overall Length mm	45
<span style="color:blue">●</span> M Order No.	HP/110-055M
<span style="color:green">●</span> C Order No.	HP/110-055C
<span style="color:black">●</span> XC Order No.	HP/110-055XC

**112 837L**

**Flat End Cylinder**

ISO Shank 104



ISO No.	112-040	112-100
Head dia $\phi 1/10$ mm	040	100
L1: Head Length mm	10.0	10.0
L2:Overall Length mm	40	45
<span style="color:blue">●</span> M Order No.	HP/112-040M	HP/112-100M
<span style="color:green">●</span> C Order No.	HP/112-040C	HP/112-100C
<span style="color:black">●</span> XC Order No.	HP/112-040XC	HP/112-100XC

**113 837L**

**Flat End Cylinder**

ISO Shank 104



ISO No.	113-050	113-060	113-064
Head dia $\phi 1/10$ mm	050	060	064
L1: Head Length mm	12.5	13.0	12.5
L2:Overall Length mm	41.5	40	41
<span style="color:blue">●</span> M Order No.	HP/113-050M	HP/113-060M	HP/113-064M
<span style="color:green">●</span> C Order No.	HP/113-050C	HP/113-060C	HP/113-064C
<span style="color:black">●</span> XC Order No.	HP/113-050XC	HP/113-060XC	HP/113-064XC



**150 837**

**Flat End Cylinder**

ISO Shank 104



ISO No.
Head dia $\phi$ 1/10mm
L2:Overall Length mm
<b>M</b> Order No.

150-055
055
45
HP/150-055M

**173 848**

**Flat End Taper**

ISO Shank 104



ISO No.
Head dia $\phi$ 1/10mm
L1: Head Length mm
L2:Overall Length mm
<b>M</b> Order No.
<b>C</b> Order No.
<b>XC</b> Order No.

173-060
060
10.0
44.5
HP/173-060M
HP/173-060C
HP/173-060XC

**200 850L**

**Round End Taper**

ISO Shank 104



ISO No.
Head dia $\phi$ 1/10mm
L1: Head Length mm
L2:Overall Length mm
<b>M</b> Order No.
<b>C</b> Order No.
<b>XC</b> Order No.

200-048
048
13.0
41.5
HP/200-048M
HP/200-048C
HP/200-048XC

**201 850L**

**Round End Taper**

ISO Shank 104



ISO No.
Head dia $\phi$ 1/10mm
L1: Head Length mm
L2:Overall Length mm
<b>M</b> Order No.
<b>C</b> Order No.
<b>XC</b> Order No.

201-045
045
15.0
45
HP/201-045M
HP/201-045C
HP/201-045XC

**HP Long**

**001L 801**

**Round**

HP Long



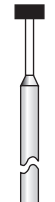
ISO No.
Head dia $\phi$ 1/10mm
L1: Head Length mm
L2:Overall Length mm
<b>M</b> Order No.
<b>C</b> Order No.
<b>XC</b> Order No.

001-037L
037
3.7
53
HP/001-037LM
HP/001-037LC
HP/001-037LXC

**041L 815**

**Wheel**

HP Long



ISO No.
Head dia $\phi$ 1/10mm
L1: Head Length mm
L2:Overall Length mm
<b>M</b> Order No.
<b>C</b> Order No.
<b>XC</b> Order No.

041-038L
038
1.8
53
HP/041-038LM
HP/041-038LC
HP/041-038LXC

**112L 837**

**Flat End Cylinder**

HP Long



ISO No.	112-040L
Head dia $\phi 1/10$ mm	040
L1: Head Length mm	10.0
L2:Overall Length mm	53
● M Order No.	HP/112-040LM
● C Order No.	HP/112-040LC
● XC Order No.	HP/112-040LXC

**167L 859L**

**Pointed Cone**

HP Long



ISO No.	167-012L
Head dia $\phi 1/10$ mm	012
L1: Head Length mm	11.0
L2:Overall Length mm	53
● M Order No.	HP/167-012LM
● C Order No.	HP/167-012LC
● XC Order No.	HP/167-012LXC

**173L 848**

**Flat End Taper**

HP Long



ISO No.	173-016L
Head dia $\phi 1/10$ mm	016
L1: Head Length mm	10.0
L2:Overall Length mm	53
● M Order No.	HP/173-016LM
● C Order No.	HP/173-016LC
● XC Order No.	HP/173-016LXC

**198L 856**

**Round End Taper**

HP Long



ISO No.	198-015L
Head dia $\phi 1/10$ mm	015
L1: Head Length mm	8.0
L2:Overall Length mm	53
● M Order No.	HP/198-015LM
● C Order No.	HP/198-015LC
● XC Order No.	HP/198-015LXC

**199L 850**

**Round End Taper**

HP Long



ISO No.	199-020L
Head dia $\phi 1/10$ mm	020
L1: Head Length mm	10.0
L2:Overall Length mm	53
● M Order No.	HP/199-020LM
● C Order No.	HP/199-020LC
● XC Order No.	HP/199-020LXC

**225L 807**

**Inverted Cone**

HP Long

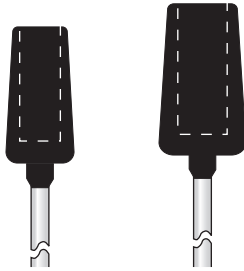


ISO No.	225-048L
Head dia $\phi 1/10$ mm	048
L1: Head Length mm	10.0
L2:Overall Length mm	53
● M Order No.	HP/225-048LM
● C Order No.	HP/225-048LC
● XC Order No.	HP/225-048LXC

## HP Special Shapes

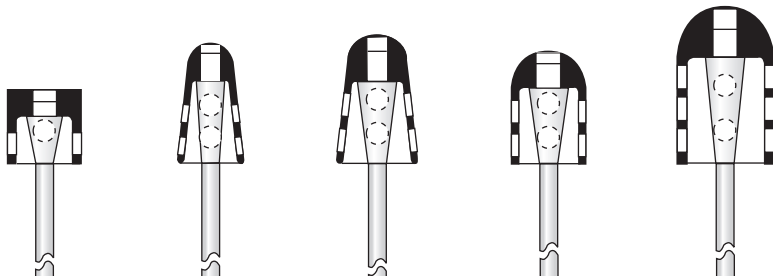
### 490

#### Hollow Plaster Cutter



ISO No.	490-090	490-115
dia $\phi$ 1/10mm	090	115
L1: Head Length mm	18	20
L2: Overall Length mm	55	55
<span style="color: blue;">●</span> M Order No.	HP/490-090M	HP/490-115M
<span style="color: green;">●</span> C Order No.	HP/490-090C	HP/490-115C
<span style="color: black;">●</span> XC Order No.	HP/490-090XC	HP/490-115XC
.Special <b>XXC</b> Order No	HP/490-090XXC	HP/490-115XXC

#### Water Cooled Burs



ISO No.	112-100H	490-090H	490-115H	RU10X15H	RU13X21H
dia $\phi$ 1/10mm	100	90	115	100	130
L1: Head Length mm	10	16	17	15	21
L2: Overall Length mm	46	52	53	51	57
<span style="color: blue;">●</span> M Order No.	HP/112-100HM	HP/490-090HM	HP/490-115HM	HP/RU10X15HM	HP/RU13X21HM
<span style="color: green;">●</span> C Order No.	HP/112-100HC	HP/490-090HC	HP/490-115HC	HP/RU10X15HC	HP/RU13X21HC
<span style="color: black;">●</span> XC Order No.	HP/112-100HXC	HP/490-090HXC	HP/490-115XC	HP/RU10X15HXC	HP/RU13X21HXC



2 Hamal St. POB 1063  
Industrial Park North  
Afula 18110, Israel  
Tel: +972-4-6094422  
Fax: +972-4-6597812  
info@mdtdental.com  
www.mdtdental.com

