

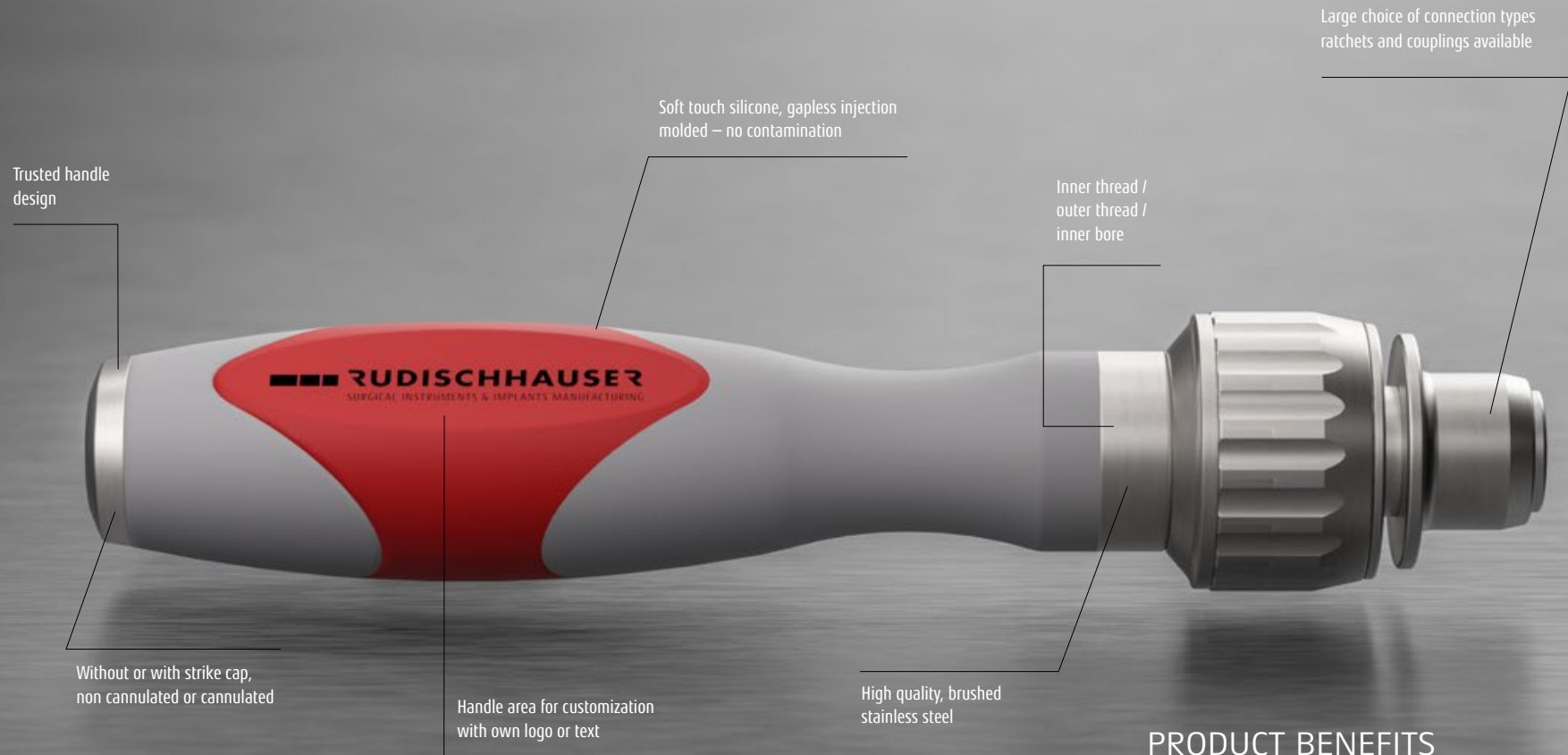
SILICONE HANDLES



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SILICONE HANDLES – GENERAL INFORMATION

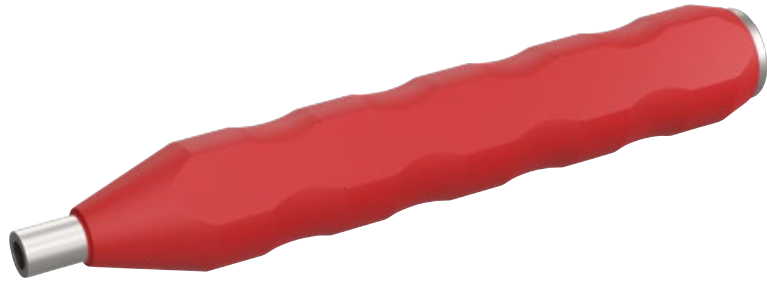


PRODUCT BENEFITS

- Perfect replacement for plastic handles
- Steam sterilizable
- Different forms and shapes
- Different colors / bicolored
- Non cannulated & cannulated
- With or without strike cap

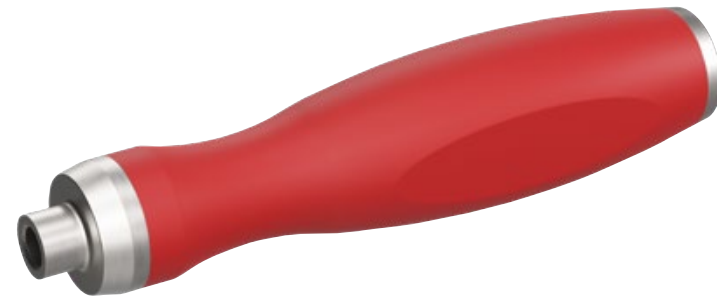

MADE IN GERMANY

AVAILABLE DESIGNS



TYPE 0

Handle size: 31 mm | Length: 140/180 mm
TYPE 0C – cannulated



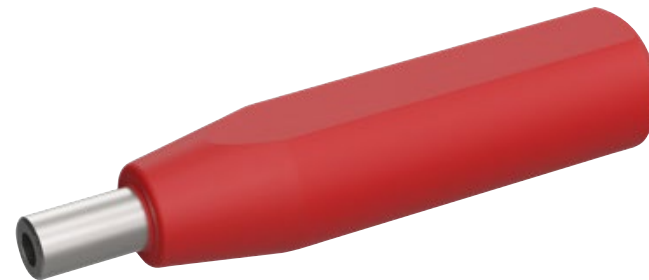
TYPE 1

Handle size: 21 – 40 mm | Length: 80 – 230 mm
TYPE 1C – cannulated



TYPE 2

Handle size: 26 – 35 mm | Length: 79 – 163 mm
TYPE 2C – cannulated



TYPE 3

Handle size: 18 – 26 mm | Length: 100 – 130 mm



TYPE 4

Handle size: 41 – 48 mm | Length: 59 – 85 mm
TYPE 4C – cannulated



TYPE 5

Width: 42 mm | Length: 106 mm
TYPE 5C – cannulated



TYPE 6

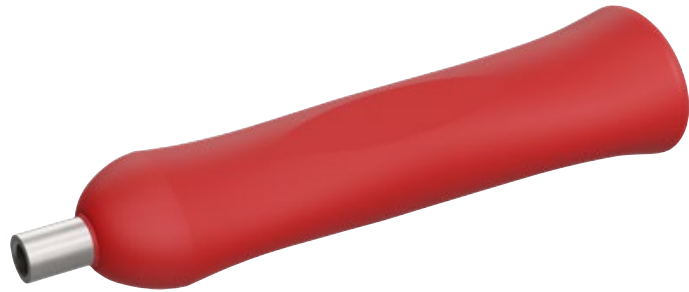
Width: 25 mm | Length: 112 mm



TYPE 7

Height: 19 – 30 mm | Width: 95 – 132 mm
TYPE 7C – cannulated

AVAILABLE DESIGNS



TYPE 8

Handle size: 26 mm | Length: 150 mm



TYPE 9 **NEW!**

Handle size: 23 mm | Length: 120 mm



TYPE A – SELECTION

Handle size: 10 – 38 mm | Length: 80 – 230 mm

TYPE AC – cannulated



TYPE B – SELECTION

Handle size: 41 mm | Length: 61 mm

TYPE BC – cannulated



TYPE C – SELECTION

Diameter: 22 mm | Length: 100 mm

TYPE CC – cannulated

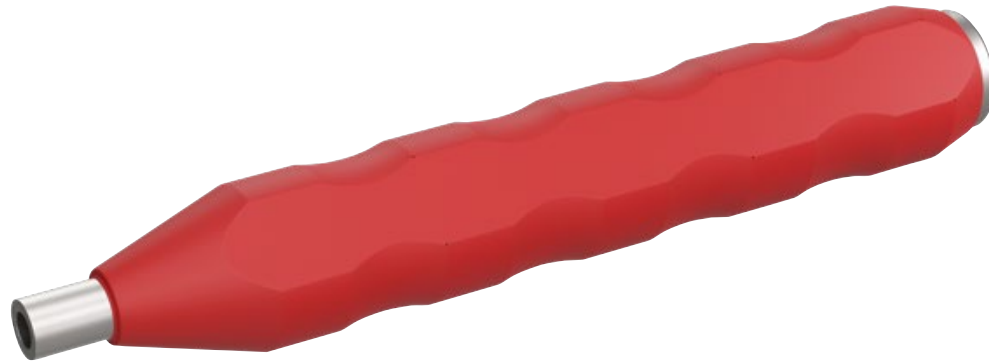
See page 18 – 19 for reference numbers and color codes





DIFFERENT HANDLE TYPES

TYPE 0

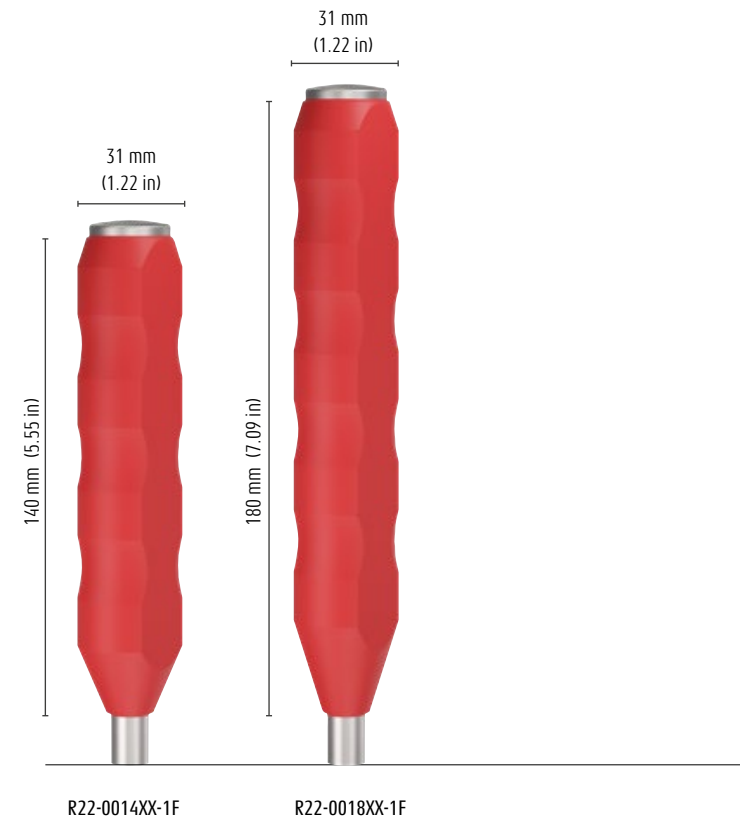


TYPE 0 – with strike cap

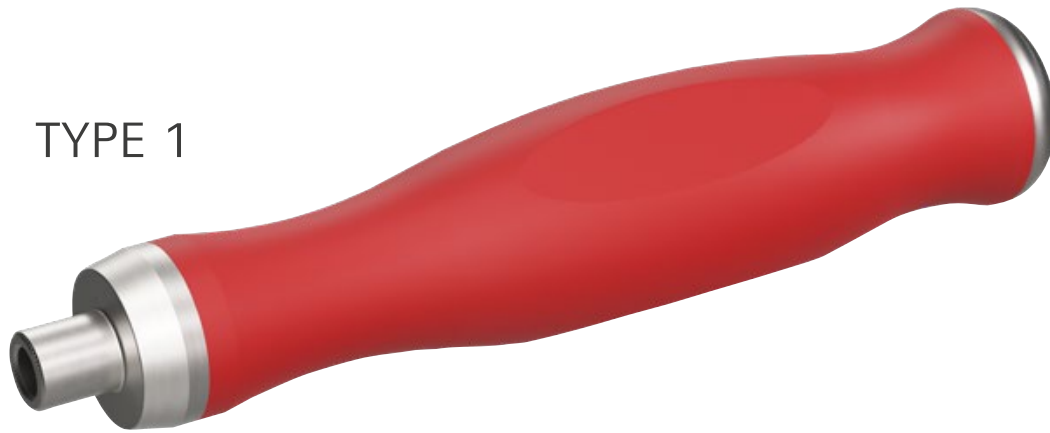
HANDLE SIZE	LENGTH	CONNECTION-Ø	INNER THREAD	REFERENCE NO.
31 mm	140 mm	11 mm	M8	R22-0014XX-1F
31 mm	180 mm	11 mm	M8	R22-0018XX-1F

TYPE 0C – cannulated, with strike cap

HANDLE SIZE	LENGTH	CONNECTION-Ø	INNER THREAD	REFERENCE NO.
31 mm	140 mm	11 mm	M8	R23-0014XX-1F
31 mm	180 mm	11 mm	M8	R23-0018XX-1F



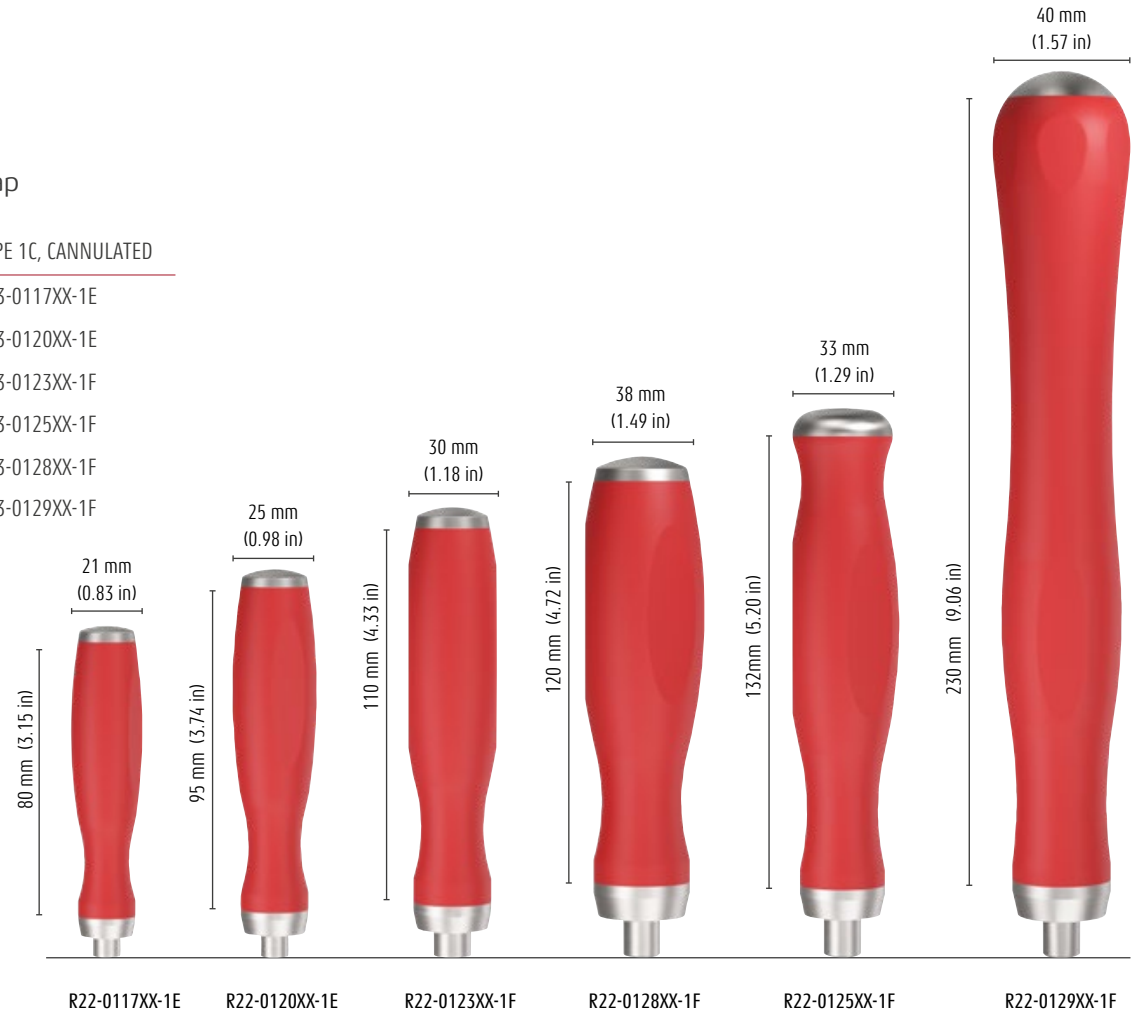
TYPE 1



TYPE 1 – with strike cap | TYPE 1C – cannulated, with strike cap

HANDLE SIZE	LENGTH	CONNECTION-Ø	INNER THREAD	TYPE 1	TYPE 1C, CANNULATED
21 mm	80 mm	8 mm	M6	R22-0117XX-1E	R23-0117XX-1E
25 mm	95 mm	8 mm	M6	R22-0120XX-1E	R23-0120XX-1E
30 mm	110 mm	11 mm	M8	R22-0123XX-1F	R23-0123XX-1F
33 mm	132 mm	11 mm	M8	R22-0125XX-1F	R23-0125XX-1F
38 mm	120 mm	11 mm	M8	R22-0128XX-1F	R23-0128XX-1F
40 mm	230 mm	11 mm	M8	R22-0129XX-1F	R23-0129XX-1F

TYPE 1C – cannulated version

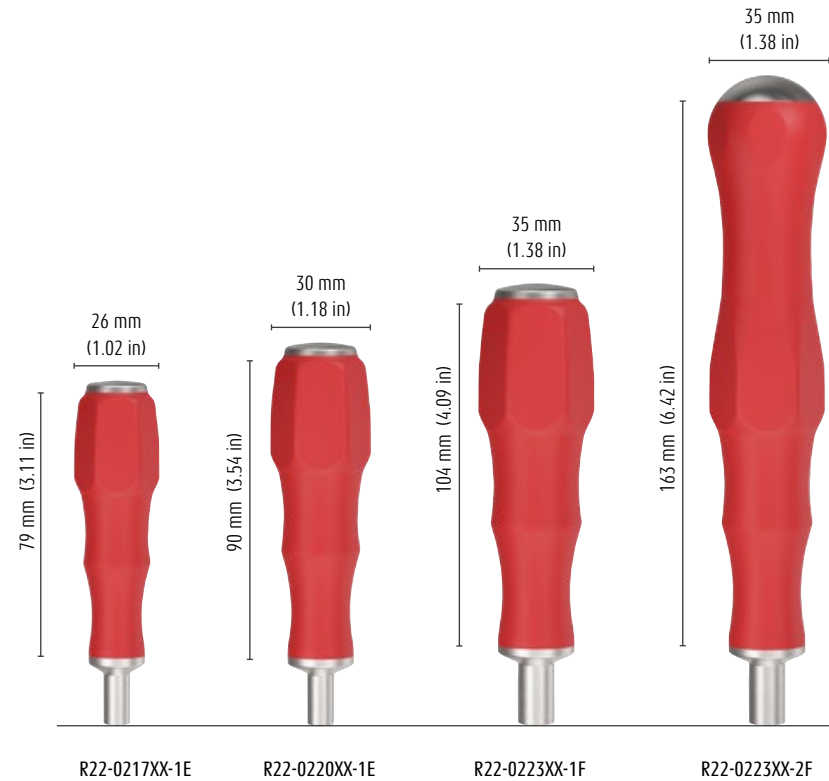


TYPE 2

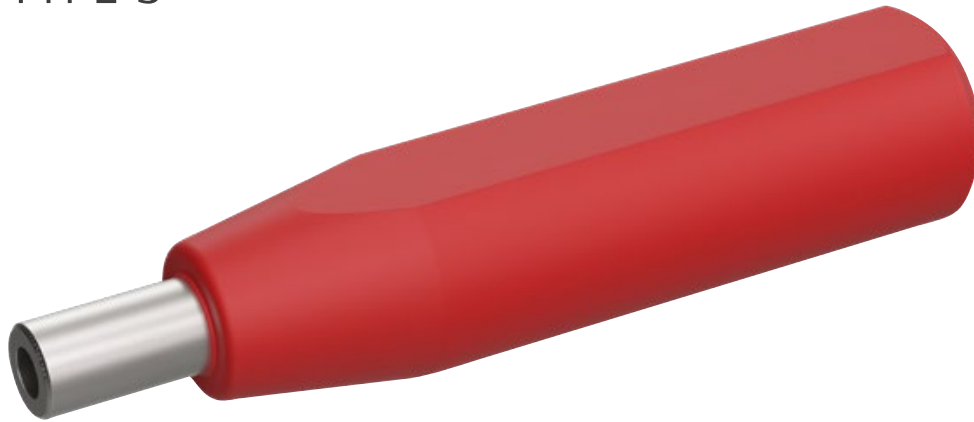


TYPE 2 – with strike cap | TYPE 2C – cannulated, with strike cap

HANDLE SIZE	LENGTH	CONNECTION-Ø	INNER THREAD	TYPE 2	TYPE 2C, CANNULATED
26 mm	79 mm	8 mm	M6	R22-0217XX-1E	R23-0217XX-1E
30 mm	90 mm	8 mm	M6	R22-0220XX-1E	R23-0220XX-1E
35 mm	104 mm	11 mm	M8	R22-0223XX-1F	R23-0223XX-1F
35 mm	163 mm	11 mm	M8	R22-0223XX-2F	R23-0223XX-2F

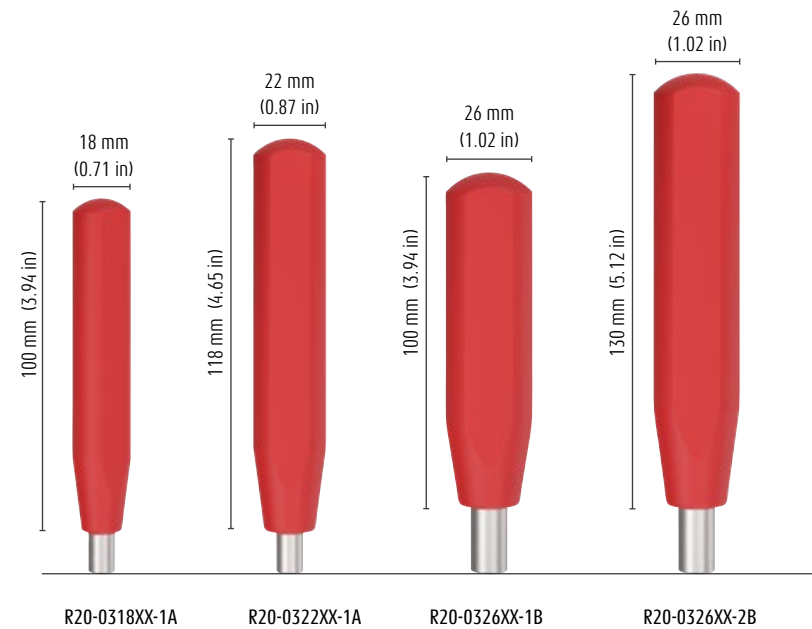


TYPE 3



TYPE 3 – without strike cap

HANDLE SIZE	LENGTH	CONNECTION-Ø	INNER-Ø	
18 mm	100 mm	8 mm	5.0 mm	R20-0318XX-1A
22 mm	118 mm	8 mm	5.0 mm	R20-0322XX-1A
26 mm	100 mm	11 mm	6.0 mm	R20-0326XX-1B
26 mm	130 mm	11 mm	6.0 mm	R20-0326XX-2B

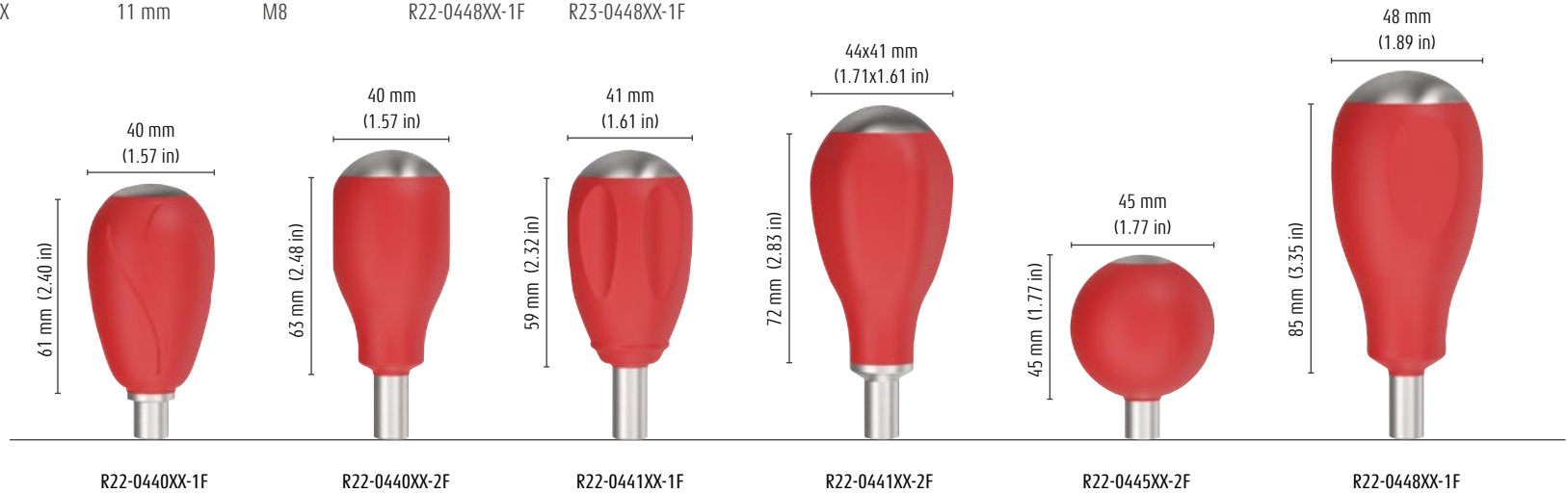


TYPE 4

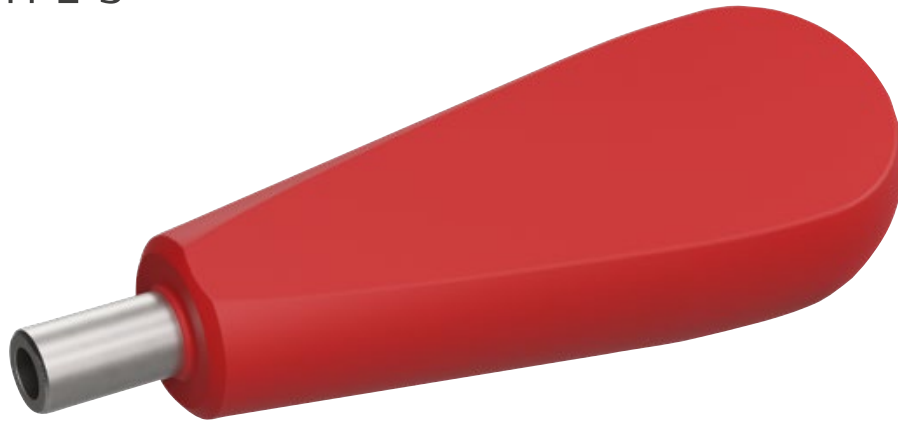


TYPE 4 – without/with strike cap | TYPE 4C – cannulated, with strike cap

HANDLE SIZE	LENGTH	STRIKE CAP	CONNECTION-Ø	INNER THREAD	TYPE 4	TYPE 4C, CANNULATED
40 mm	61 mm	X	11 mm	M8	R22-0440XX-1F	R23-0440XX-1F
40 mm	63 mm	X	11 mm	M8	R22-0440XX-2F	R23-0440XX-2F
41 mm	59 mm	X	11 mm	M8	R22-0441XX-1F	R23-0441XX-1F
41 mm	72 mm	X	11 mm	M8	R22-0441XX-2F	R23-0441XX-2F
45 mm	45 mm	X	11 mm	M8	R22-0445XX-2F	
45 mm	45 mm		11 mm	M8	R20-0445XX-1F	
48 mm	85 mm	X	11 mm	M8	R22-0448XX-1F	R23-0448XX-1F

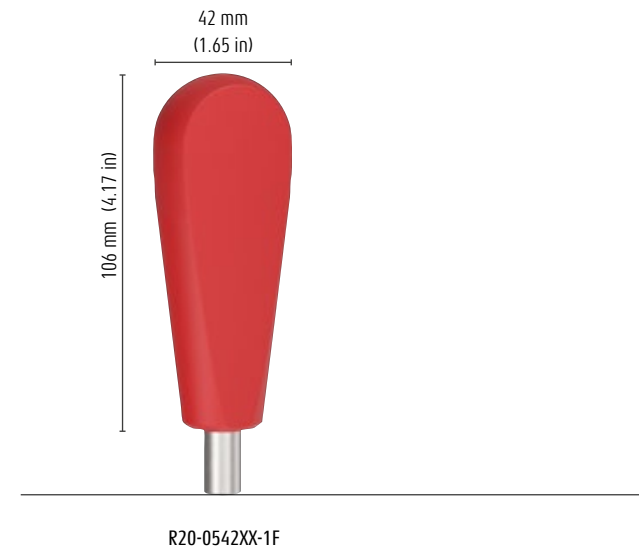
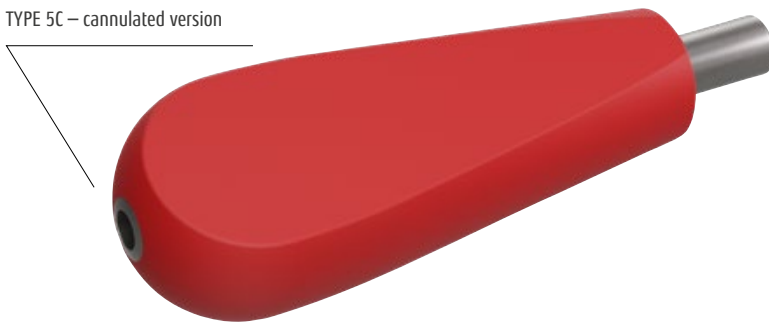


TYPE 5

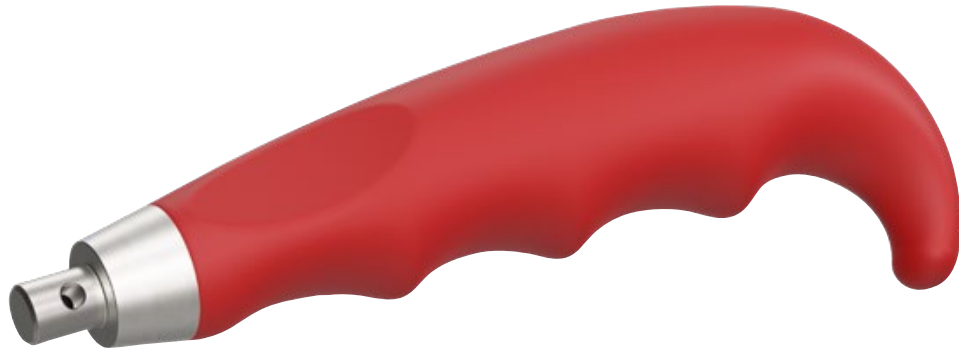


WIDTH	LENGTH	CONNECTION-Ø	INNER THREAD	TYPE 5	TYPE 5C – CANNULATED
42 mm	106 mm	11 mm	M8	R20-0542XX-1F	R21-0542XX-1F

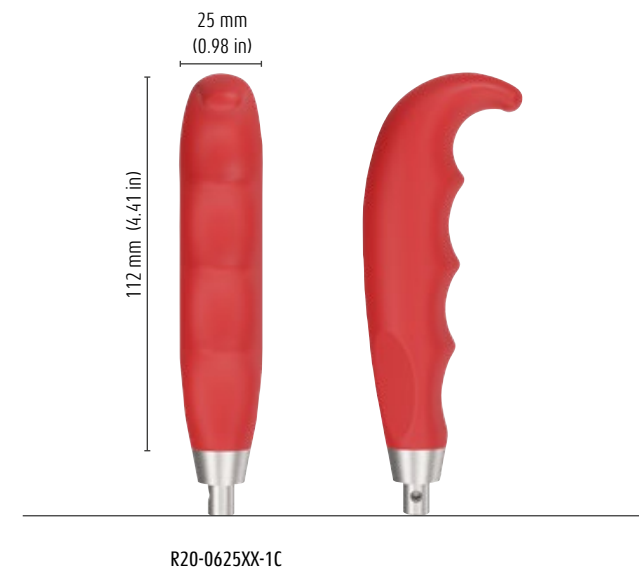
TYPE 5C – cannulated version



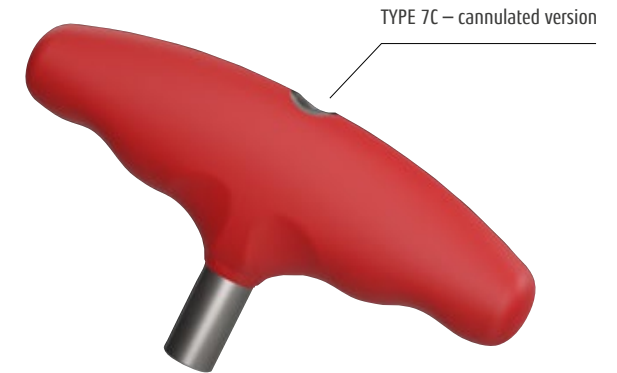
TYPE 6



WIDTH	LENGTH	CONNECTION-Ø	REFERENCE NO.
31 mm	140 mm	8,0 mm	R20-0625XX-1C

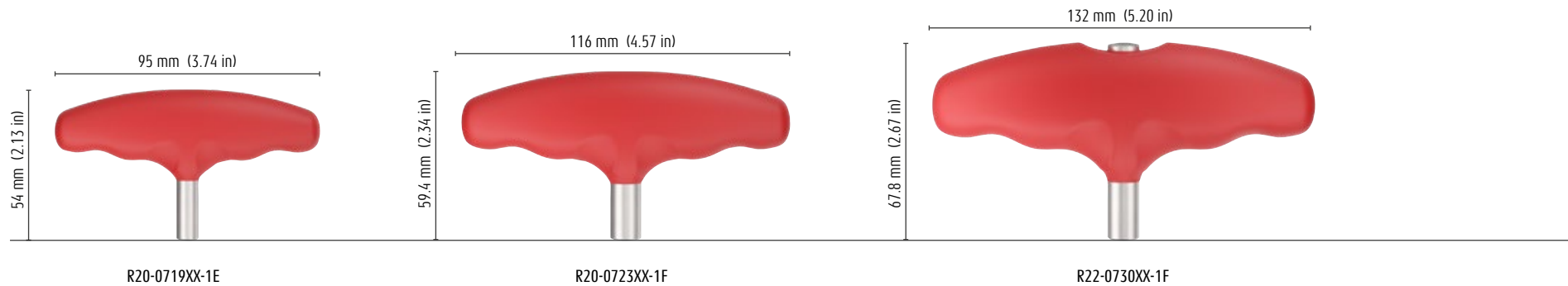


TYPE 7

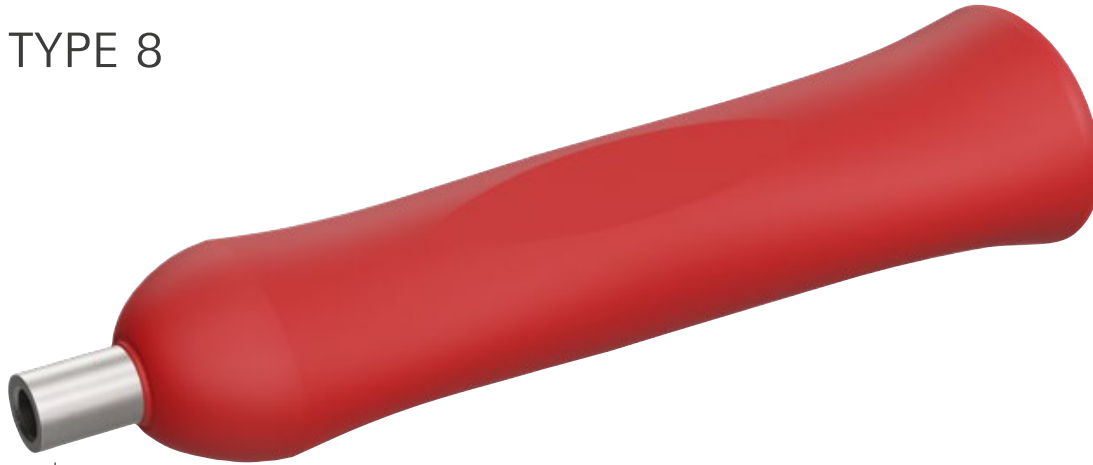


TYPE 7 – without/with strike cap | TYPE 7C – cannulated, with strike cap

THICKNESS	WIDTH	TOTAL HEIGHT	STRIKE CAP	CONNECTION-Ø	INNER THREAD	TYPE 7	TYPE 7C, CANNULATED
19 mm	95 mm	54 mm		11 mm	M8	R20-0719XX-1E	R21-0719XX-1E
23 mm	116 mm	59.4 mm		11 mm	M8	R20-0723XX-1F	R21-0723XX-1F
23 mm	116 mm	64.5 mm	X	11 mm	M8	R20-0723XX-1G	R21-0723XX-1G
30 mm	132 mm	67.8 mm	X	11 mm	M8	R22-0730XX-1F	R23-0730XX-1F



TYPE 8



Solid Connection, Ø11 mm can be customized to your individual requirements

TYPE 8 – Length 151 mm

CONNECTION	REFERENCE NO.
Solid, Ø11 mm	R20-0826XX-1J

Connection freely customizable, e.g.:

Outer thread M8	R20-0826XX-1I
Ø11 mm, Inner thread M6	R20-0826XX-1F
Ø11 mm, Inner thread M8	R20-0826XX-1E
Ø11 mm, Inner thread M5	R20-0826XX-1D
Ø11 mm, ID Ø8.0 mm	R20-0826XX-1M
Ø11 mm, ID Ø6.0 mm	R20-0826XX-1L
Ø11 mm, Inner bore Ø5 mm	R20-0826XX-1K

- Specially designed hammer handle
- Various connection types

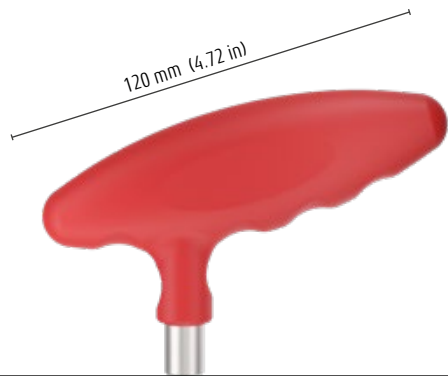


TYPE 9

NEW!



Solid connection, Ø11 mm can be customized to your individual requirements



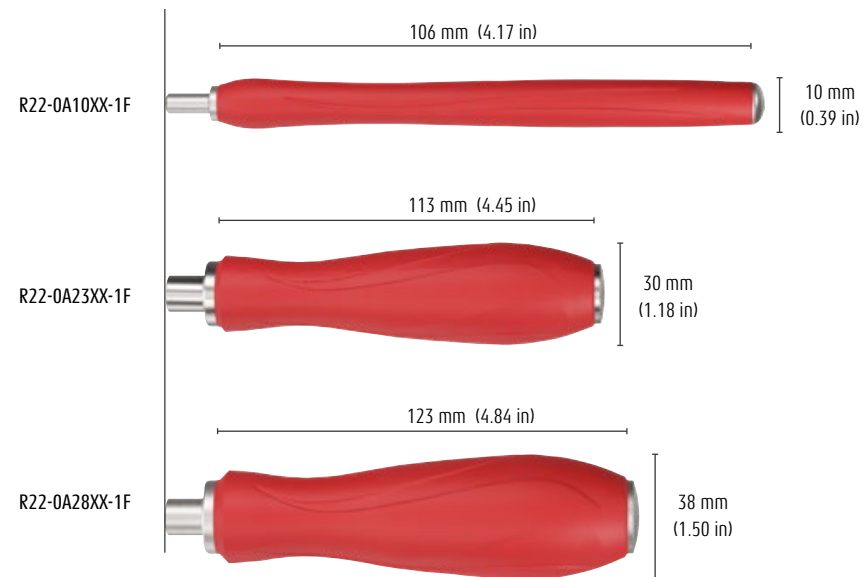
Available from Q4/2023

TYPE A



TYPE A – with strike cap | TYPE AC – cannulated, with strike cap

HANDLE SIZE	LENGTH	CONNECTION-Ø	INNER THREAD	TYPE A	TYPE AC, CANNULATED
10 mm	106 mm	5.0 mm		R22-0A10XX-1F	R23-0A10XX-1F
30 mm	113 mm	11 mm	M8	R22-0A23XX-1F	R23-0A23XX-1F
38 mm	123 mm	11 mm	M8	R22-0A28XX-1F	R23-0A28XX-1F



TYPE B



TYPE B – with strike cap | TYPE BC – cannulated, with strike cap

HANDLE SIZE	LENGTH	CONNECTION-Ø	INNER THREAD	TYPE B	TYPE BC, CANNULATED
40 mm	61 mm	11 mm	M8	R22-0B40XX-1F	R23-0B40XX-1F

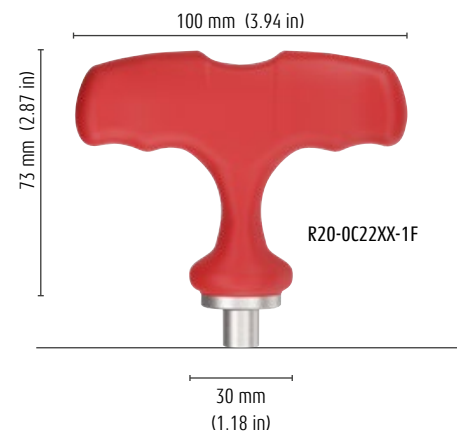


R22-0B40XX-1F



TYPE C | TYPE CC – cannulated

THICKNESS	WIDTH	TOTAL HEIGHT	CONNECTION-Ø	INNER THREAD	TYPE C	TYPE CC, CANNULATED
22.4 mm	100 mm	88.9 mm	11 mm	M8	R20-0C22XX-1F	R21-0C22XX-1F




See page 18 – 19 for reference numbers and color codes





REFERENCE NUMBERS / COLOR CODE – GENERAL NOMENCLATURE FOR SILICONE HANDLES

RXX-XXXXXX-XX

	<p>type index</p> <p>0 single color 1 bicolored 2 single color, with logo/text 3 bicolored, with logo/text</p>	<p>color code Double digit for single color handles Letter code for bicolor silicone handles</p>	<p>1X Nr. 1 to 9 for different designs XA OD Ø5.0 mm XB OD Ø6.0 mm XC OD Ø8.0 mm XD Inner thread M5 XE Inner thread M6 1F Inner thread M8 XG Outer thread M5 XH Outer thread M6 XI Outer thread M8 XJ OD Ø11.0 mm XK ID Ø5.0 mm XL ID Ø6.0 mm XM ID Ø8.0 mm</p>
<p>R20 normal R21 cannulated R22 with strike cap R23 cannulated, with strike cap</p>	<p>Non cannulated or cannulated version available for many designs</p> 		<p>NOTE Fully dimensioned technical drawings and documentation for all our handles are available on request.</p>



SINGLE AND BICOLOR SILICONE HANDLES



AVAILABLE COLORS

SINGLE COLOR	BICOLOR CODE	COLOR		
01	A		RAL 1016	sulfur yellow
02	B		RAL 1006	maize yellow
03	C		RAL 2004	pure orange
04	D		RAL 3000	flame red
05	E		RAL 6010	grass green
06	F		RAL 5015	sky blue
07	G		RAL 5002	ultramarine blue
08	H		RAL 5010	gentian blue
09	I		RAL 7031	blue grey
10	J		RAL 9005	jet black
11	K		RAL 4008	signal violet
12	L		RAL 3001	signal red
13	M		RAL 1107077	neon green
14	N		RAL 7036	grey
15	O		Stainless steel	
16	P		PPSU	

COLOR CODES

The **XX** in the item number must be replaced with the corresponding color code, e.g. 04 for single red color.

Bicolor handles have a two letter code, e.g. RXX-1XXXFB-XX, for double color handle in blue/orange, where the first letter specifies main color, second letter for spot color.

All materials are conform to regulatory requirements.

 **MADE IN GERMANY**

CONNECTION & COUPLING SYSTEMS

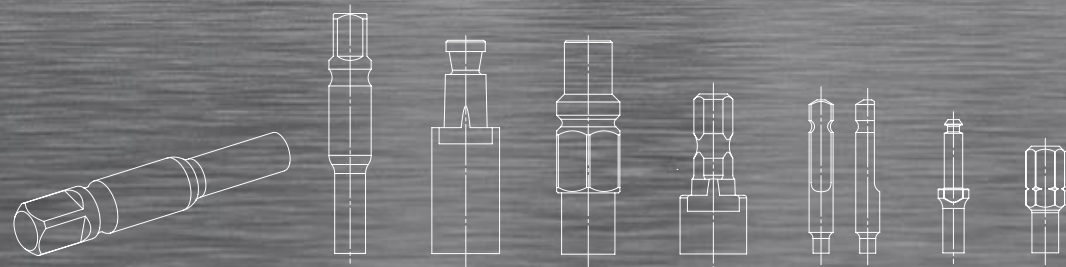


Ratchets allow for ergonomic turning, for example of screws and bolts. Our ratchets are economical and feature a compact design. The ratchet mechanism is smoothly geared and can be combined with all of our couplings, torque limiters and silicone handles.

INTEGRATED TORQUE LIMITER AVAILABLE

Our patented integrated torque limiter has the torque limiter built in directly into the handle. This allows the entire tool to be compact for easy handling. Integrated torque limiters are compatible with our ratchets, couplings and allow for torque between 0.2 – 12 Nm / 1.77 – 106.20 in-lb.

We supply coupling systems for all common connection systems on the medical device market.





RUDISCHHAUSER ...quality is our business



- Innovative & ergonomic designs
- Leader in top-of-the-line instrument manufacturing
- 100% positive customer feedback, worldwide
- Streamlined organization & in-house manufacturing

CONNECTION & COUPLING SYSTEMS

Reference No. will be changed with different
Connection & Coupling Systems: RXX-XXXXXX-XX

Hudson Coupling/Adapter, till 18 Nm

Reference No.: RXX-XHXXXX-XX



WA Coupling/Adapter, till 8 Nm

Reference No.: RXX-XIXXXX-XX



Drill chuck

Reference No.: RXX-XKXXXX-XX



1/4" Coupling/Adapter, till 18 Nm

Reference No.: RXX-XGXXXX-XX



ZIH Coupling/Adapter, till 18 Nm

Reference No.: RXX-XJXXXX-XX



Bit Fix Adapter, usable for 1/4" bits

Reference No.: RXX-XLXXXX-XX



Dental Coupling/Adapter, till 1 Nm

Reference No.: RXX-XDXXXX-XX



AO Coupling/Adapter, till 5 Nm

Reference No.: RXX-XEXXXX-XX



AO Coupling large/Adapter, till 20 Nm

Reference No.: RXX-XFXXXX-XX



Dimensions and specifications available on request



RATCHET ADAPTERS

T30 ratched adapter with
32 clicks/rotation

Reference No.: RXX-XCXXXX-XX



RS ratched adapter with
9 clicks/rotation

Reference No.: RXX-XBXXXX-XX



Ratched adapter with
9 clicks/rotation

Reference No.: RXX-XAXXXX-XX



GENERAL NOMENCLATURE FOR RATCHETS, COUPLINGS & CONNECTIONS



RXX-XXXXXX

Ratchet & adapter type

- X** no ratchet or coupling
- A** Ratchet with 9 clicks/rotation
- B** Ratchet with 9 clicks/rotation & RS
- C** Ratchet with 32 clicks/rotation & T30
- D** Dental coupling & adapter up to 1 Nm
- E** AO coupling & adapter up to 5 Nm
- F** AO coupling & large adapter up to 20 Nm
- G** 1/4" coupling & adapter up to 18 Nm
- H** Hudson coupling & adapter up to 18 Nm
- I** WA coupling & adapter up to 8 Nm
- J** ZIH coupling & adapter up to 18 Nm
- K** Drill chuck
- L** Bit Fix adapter, up to 1/4" Bits

- 0** non-cannulated version
- 2** cannulated, K20 (Ø 2,0 mm)
- 3** cannulated, K30 (Ø 3,2 mm)
- 5** cannulated, K50 (Ø 5,0 mm)

R20 general – hold, fix

R21 general – hold, fix cannulated

Ratchet and coupling combinations

- X 0 0 0** No ratchet / clutch combination
- A D 0 1** Ratchet 9 clicks with dental coupling
- B D 0 1** Ratchet 9 clicks, RS with dental coupling
- C D 0 1** Ratchet 32 clicks, T30 with dental coupling
- A E 0 1** Ratchet 9 clicks with AO coupling
- B E 0 1** Ratchet 9 clicks, RS with AO coupling
- C E 0 1** Ratchet 32 clicks, T30 with AO coupling
- A F 0 1** Ratchet 9 clicks with AO coupling, large
- B F 0 1** Ratchet 9 clicks, RS with AO coupling, large
- C F 0 1** Ratchet 32 clicks, T30 with AO coupling, large
- A G 0 1** Ratchet 9 clicks with 1/4" coupling
- B G 0 1** Ratchet 9 clicks, RS with 1/4" coupling
- C G 0 1** Ratchet 32 clicks, T30 with 1/4" coupling
- A H 0 1** Ratchet 9 clicks with Hudson coupling
- B H 0 1** Ratchet 9 clicks, RS with Hudson coupling
- C H 0 1** Ratchet 32 clicks, T30 with Hudson coupling
- A I 0 1** Ratchet 9 clicks with WA coupling
- B I 0 1** Ratchet 9 clicks, RS with WA coupling
- C I 0 1** Ratchet 32 clicks, T30 with WA coupling
- A J 0 1** Ratchet 9 clicks with ZIH coupling
- B J 0 1** Ratchet 9 clicks, RS with ZIH coupling
- C J 0 1** Ratchet 32 clicks, T30 with ZIH coupling
- A K 0 1** Ratchet 9 clicks with drill chuck
- B K 0 1** Ratchet 9 clicks, RS with drill chuck
- C K 0 1** Ratchet 32 clicks, T30 with drill chuck
- A L 0 1** Ratchet 9 clicks with bit chuck
- B L 0 1** Ratchet 9 clicks, RS with bit holder
- C L 0 1** Ratchet 32 clicks, T30 with bit holder



ABOUT RUDISCHHAUSER GMBH

We are your contract manufacturer and development partner for superior-quality instruments and implants in all areas of spinal surgery, orthopaedics and traumatology. Employing the latest technology for development and manufacturing, we meet the regulatory requirements through validated processes and procedures to ensure your competitiveness in the international market.

Simply e-mail or call us. We welcome any challenge.



SPECIALIST IN SPINE, ORTHO & TRAUMA
INSTRUMENTS AND IMPLANTS

QUALITY IS OUR BUSINESS

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