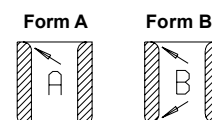
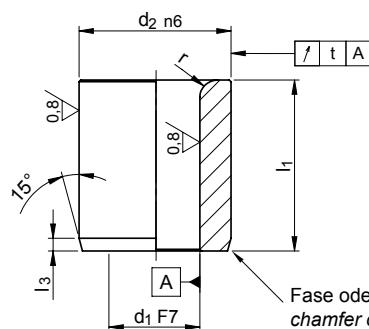


SM 1000 Bohrbuchse (Positionierbuchse) zylindrisch, gehärtet

DIN 179 / ISO 4247

Drill bushing, cylindrical



Catalog No.	Form	d ₁	X	I
SM 1000	A	05.00	X	08



Spezialstahl
special steel



gehärtet und geschliffen
hardened and ground



HRC 63±1



mm



0,1; 0,25; 0,75 mm
über 15 mm 0,5 mm



Form A: mit einem Radius ohne Kleberillen
Form B: mit zwei Radien ohne Kleberillen
Form A: with one radius without grooves
Form B: with two radii without grooves

* Aufnahmebohrung in der Vorrichtung nach ISO Toleranz H6 oder H7. Andere Maßkombinationen siehe SM 1005.

* Mounting hole in the device according to ISO tolerance H6 or H7. Other dimensions look for SM 1005.



CAD-Daten verfügbar
CAD-files available

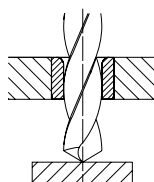
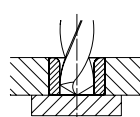
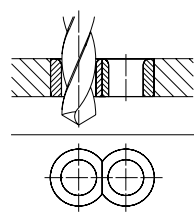


Reinigen mit
SM 1306
Clean with

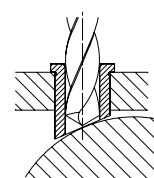
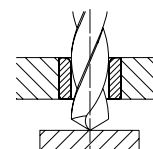
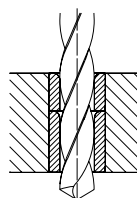


Kleben mit
SM 1300
Lock with

Einbaubeispiele / Examples



SM 1000 + SM 1001



Anwendung: Buchsen Ø = Bohrer Ø

Montage: Buchse mit flachem Dorn winklig einpressen

Application: Bushing Ø = Drill Ø

Installation: Press in socket with a flat mandrel vertical



Form CA: zusätzlich mit Kleberillen

Form CB: zusätzlich mit Kleberillen

Form CVA: zusätzlich mit Rillen und Verdrehsicherung

Form CVB: zusätzlich mit Rillen und Verdrehsicherung

andere Materialien und Abmessungen

Form CA: additionally with grooves for gluing

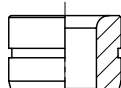
Form CB: additionally with grooves for gluing

Form CVA: add. with grooves and locking device

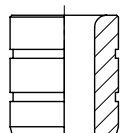
Form CVB: add. with grooves and locking device

other materials and dimensions

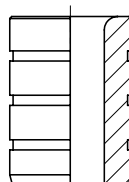
Kleberille
groove for gluing



Form C
kurz / short

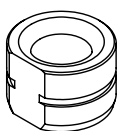


Form C
mittel / medium

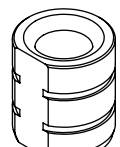


Form C
lang / long

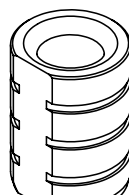
Verdrehsicherung
und
locking device
and
groove for gluing



Form CV
kurz / short

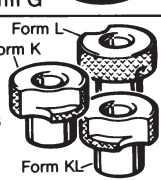


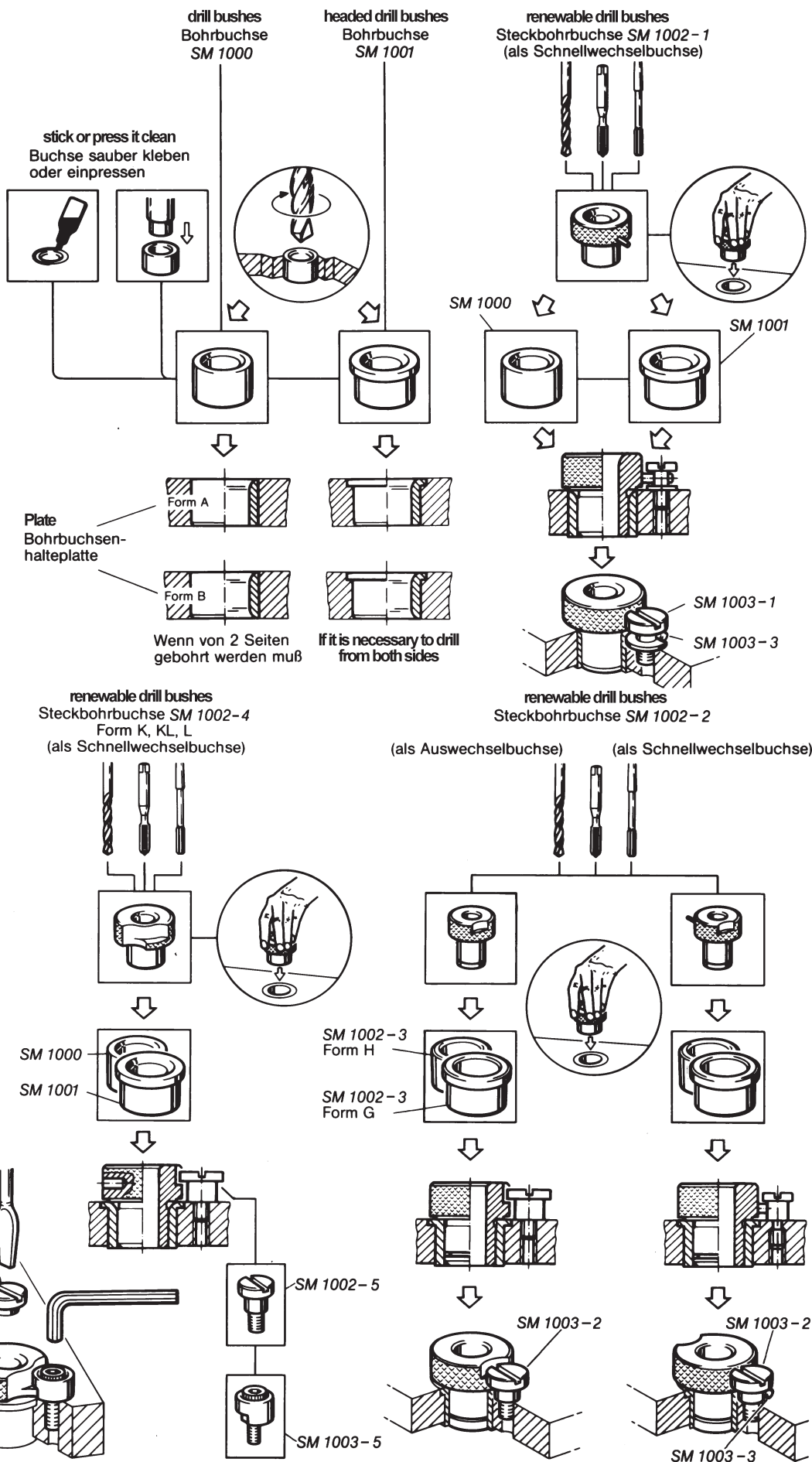
Form CV
mittel / medium



Form CV
lang / long

d ₁ F7 Ø	d ₂ n6 Ø*				l ₃	r	t
		l ₁ kurz short	l ₁ mittel medium	l ₁ lang long			
00,40	03	06	-	-	1,00	1,0	0,01
00,50 - 00,60			-	-			
00,70 - 00,80			-	-			
00,90 - 01,00			09	-			
01,10 - 01,80				-			
01,90 - 02,60	04		-				
02,70 - 03,30	05		-				
02,70 - 03,30	06	08	12	16			
03,40 - 04,00	07						
04,10 - 05,00	08						
05,10 - 06,00	10						
06,10 - 08,00	12						
08,10 - 10,00	15	10	16	20	1,25	1,5	0,02
10,10 - 12,00	18	12	20	25	1,50	2,0	
12,10 - 15,00	22	16	28	36			
15,10 - 18,00	26	20	36	45			
18,10 - 22,00	30	25	45	56	2,50	3,0	
22,10 - 26,00	35	30	56	67			
26,10 - 30,00	42	35	67	78			
30,10 - 35,00	48	40	78	105			
35,10 - 42,00	55	45	89	115			
42,10 - 48,00	62	50	100	-	3,00	3,5	
48,10 - 55,00	70	50	100	-			
55,10 - 63,00	78	50	100	-			
63,10 - 70,00	85	50	100	-			
70,10 - 78,00	95	50	100	-			
78,10 - 85,00	105	50	100	-	4,0	4,0	
85,10 - 95,00	115	50	100	-			
95,10 - 105,00	125	50	100	-			
105,10 - 115,00	140	50	100	-			
115,10 - 125,00	150	50	100	-			
125,10 - 140,00	160	50	100	-	5,0	5,0	0,04
140,10 - 150,00	175	50	100	-			
150,10 - 160,00	190	50	100	-			

SM 1000 Bohrbuchse Drill bushes DIN 179	
SM 1001 Bohrbuchse headed drill bushes DIN 172	
SM 1002-1 Steckbohrbuchse renewable drill bushes DIN 173 Form A	
SM 1002-2 Steckbohrbuchse renewable drill bushes DIN 173 Bl. 2	
SM 1002-3 Grundbuchse bottom bushes DIN 173 Bl. 2 Form H	
SM 1002-3 Grundbuchse bottom bushes DIN 173 Bl. 2 Form G	
SM 1002-4 Steckbuchse renewable bushes DIN 173 Teil 1	
SM 1002-5 Flachkopfschraube flat head fixing screws DIN 173 Teil 1	
SM 1003-1 Bundschraube collar screws DIN 173 Bl. 1	
SM 1003-2 Zylinderschraube fixing screws DIN 173 Bl. 2 Form K	
SM 1003-3 Haltestift dowel pins for drill bushes	
SM 1003-5 Spannbuchse clamping bushes	



Andere Einsatzmöglichkeiten von Bohrbuchsen und Normteilen

Other examples how to use drill bushes and standard parts

1

