

Catalog No.	d ₂	X	I
SM 1000-01	05.0	X	06



HSS Hochleistungsschnellschnittstahl
HSS heavy-duty high-speed steel



gehärtet und geschliffen
hardened and ground



für schnelle Ausbesserung im Werkzeug-
und Maschinenbau
for quick repairs in tool manufacture and
machine building



andere Materialien und Abmessungen
Sonderkonturen
other materials and dimensions
special forms



mm



CAD-Daten verfügbar
CAD-files available



Reinigen mit
SM 1306
Clean with

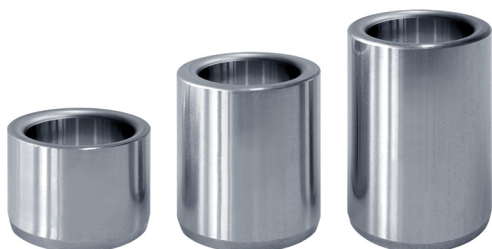


Kleben mit
SM 1300
Lock with

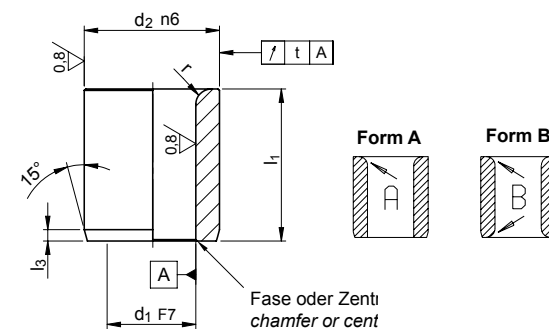
d ₁ Ø	d ₂ n6 Ø	I	I ₃	kg
1,5	05,00	06	1,00	0,001
	06,00	08		0,002
	07,00			0,002
	08,00			0,003
	10,00	10	1,25	0,006
	12,00			0,008
2,0	15,00	12	1,50	0,017
	18,00			0,024
	22,00	16		0,048

SM 1000-02

ähnl. DIN 179

Bohrbuchse zylindrisch, Hartmetall
Drill bushing, cylindrical, carbide

Hartmetall
(kein gehärteter Stahl)
carbide
(no hardened steel)



Catalog No.	Form	d ₁	X	I
SM 1000-02	A	01.90	X	06



Hartmetall
carbide



0,1; 0,25; 0,75 mm
über 15 mm 0,5 mm



mm



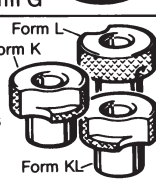
andere Materialien und Abmessungen
other materials and dimensions

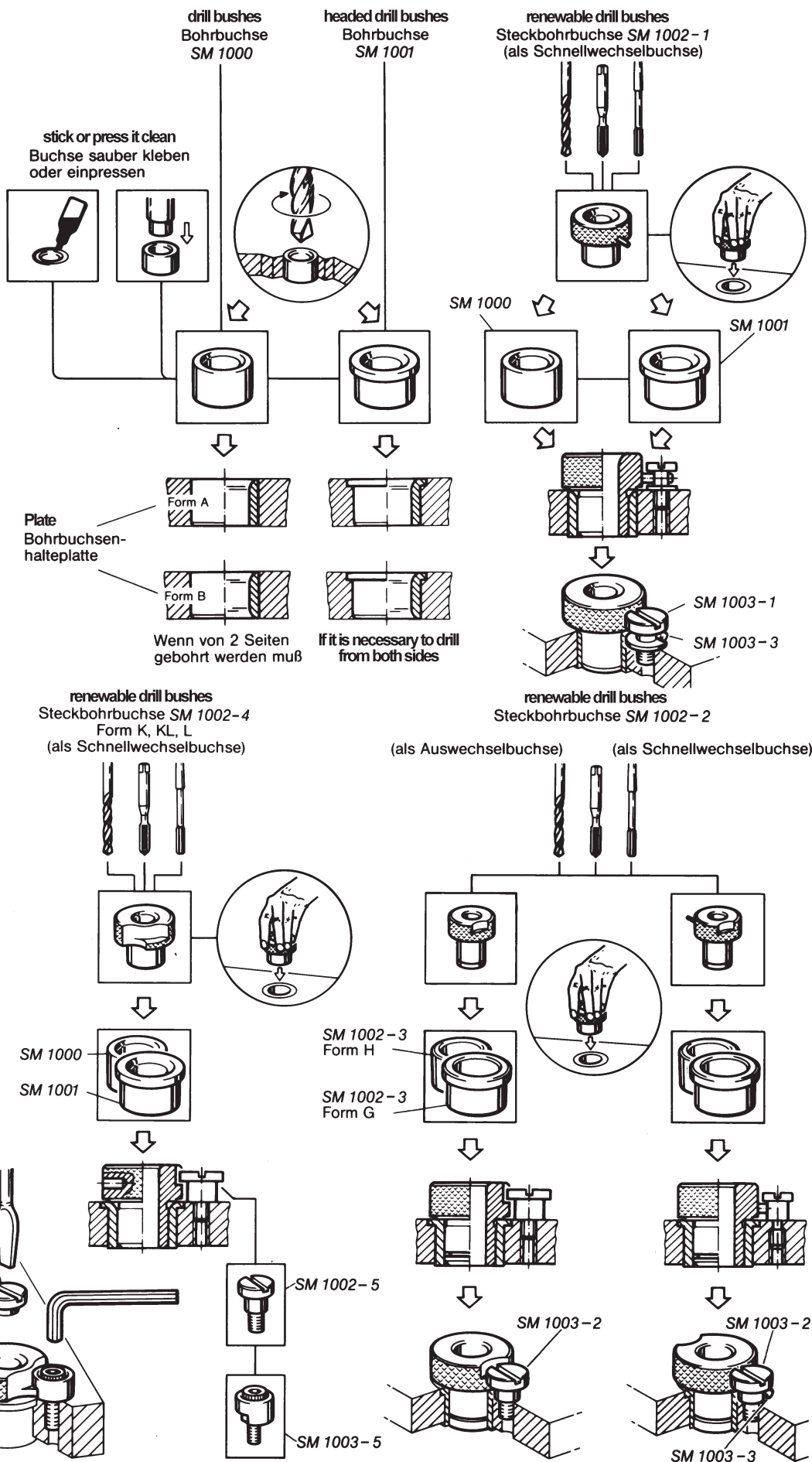


CAD-Daten verfügbar
CAD-files available



d ₁ F7 Ø	d ₂ n6 Ø	I ₁ kurz short	I ₁ mittel medium	I ₁ lang long	I ₃	r	t
01,90 - 02,60	5	06	09	-	1,00	1,0	0,01
02,70 - 03,30	6	08	12	16			
03,40 - 04,00	7	08	12	16			
04,10 - 05,00	8	08	12	16			
05,10 - 06,00	10	10	16	20	1,25	1,5	0,02
06,10 - 08,00	12	10	16	20			
08,10 - 10,00	15	12	20	25			
10,10 - 12,00	18	12	20	25			
12,10 - 15,00	22	16	28	36	1,50	2,0	0,02
15,10 - 18,00	26	16	28	36			
18,10 - 22,00	30	20	36	45			
22,10 - 26,00	35	20	36	45			
					2,50	3,0	0,02

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

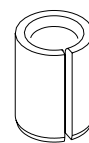
1



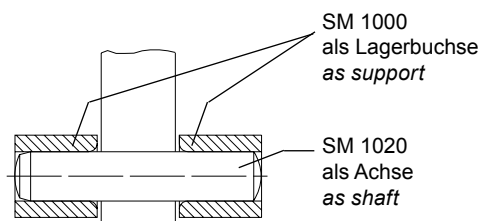
SM 1000



SM 1001

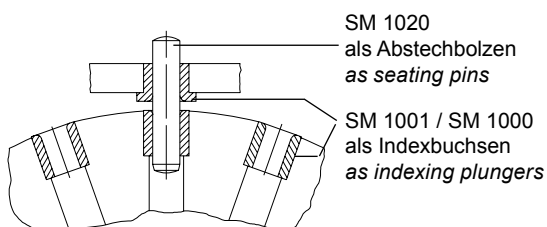


Spannbusche
(SM 1000 - geschlitzt)
clamping bushes
(SM 1000 splited)



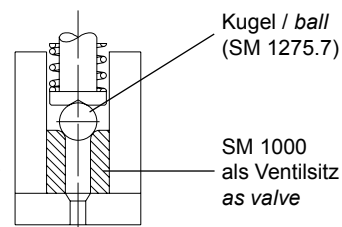
SM 1000
als Lagerbusche
as support

SM 1020
als Achse
as shaft



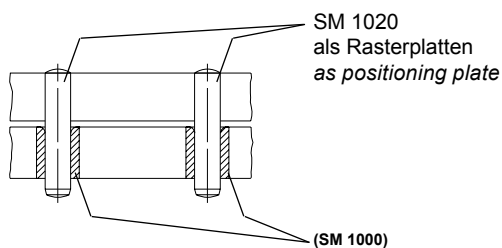
SM 1020
als Abstechbolzen
as seating pins

SM 1001 / SM 1000
als Indexbuschen
as indexing plungers



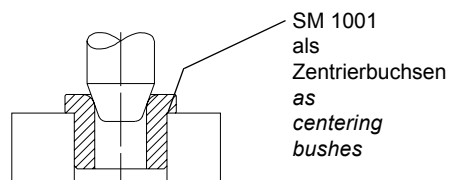
Kugel / ball
(SM 1275.7)

SM 1000
als Ventilsitz
as valve

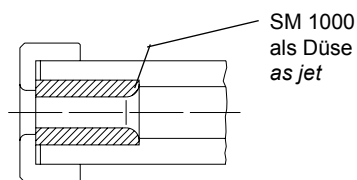


SM 1020
als Rasterplatten
as positioning plate

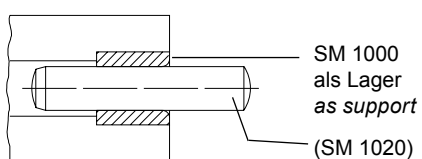
(SM 1000)



SM 1001
als
Zentrierbuschen
as
centering
bushes

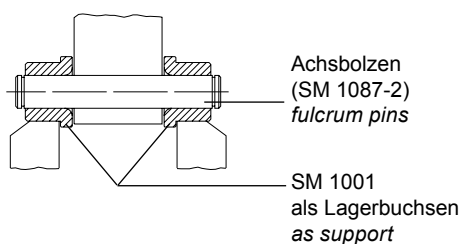


SM 1000
als Düse
as jet



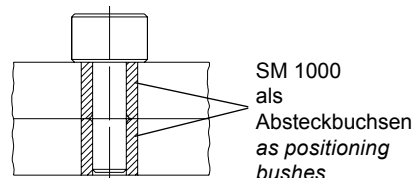
SM 1000
als Lager
as support

(SM 1020)



Achsbolzen
(SM 1087-2)
fulcrum pins

SM 1001
als Lagerbuschen
as support



SM 1000
als
Abstechbuschen
as positioning
bushes