



	Catalog No.	d₁	X	l₁
	SM 1013	01.00	X	100



WS: legierter Kaltarbeitsstahl 1.2210, 1.2067, 1.2316 o. ä.
WS: tungsten vanadium alloyed tool steel like



Schaft / shaft: HRc 60 ± 2
Kopf / head: HRc 45 ± 5



Zylindrischer Senkkopf warm angestaucht, Schaft durchgehärtet, angelassen und feinstgeschliffen auf g6.
Hardened and annealed. Dia d₁ is precision-ground ISO tolerance g6.



mm



●: bevorzugte Maße
●: preferred sizes



andere Abmessungen
other dimensions



d ₁ Ø	d ₂ Ø	d ₂ Grenzab- maße tolerance	d ₃ Ø	k + 0,2 0	r	l ₁ + 2 0						l ₂										
						100	€	125	€	160	€		200	€	250	€	315	€				
00,80	1,4	+/- 0,05	d ₁ +	0,92	0,3/0	●	3,38	●	4,40	●	5,97	●	7,53	-	-	05						
00,90	1,6					●	3,38	●	4,40	●	5,97	●	7,53	-	-	-	-	05				
01,00	1,8					●	2,38	●	2,82	●	3,42	●	4,29	-	-	-	-	05				
01,10	1,8					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
01,20	2,0					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
(01,25)	2,0					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
01,30	2,0					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
01,40	2,2					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
01,50	2,2					●	2,38	●	2,82	●	3,42	●	4,29	-	-	-	-	05				
01,60	2,5					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
01,70	2,5	+/- 0,10	d ₁ +	1,15	0,3/0	●	2,69	●	3,15	●	3,73	●	4,71	-	-	05						
(01,75)	2,5					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
01,80	2,8					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
01,90	2,8					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
02,00	3,0					●	2,38	●	2,82	●	3,26	●	4,29	●	6,50	-	-	05				
02,10	3,2					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
02,20	3,2					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
(02,25)	3,2					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
02,30	3,5					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
02,40	3,5					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
02,50	3,5	●	2,38	●	2,82	●	3,26	●	4,29	●	6,50	-	-	05								
02,60	4,0	●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05								
02,70	4,0	+/- 0,10	d ₁ +	1,63	0,5/0	●	2,69	●	3,15	●	3,73	●	4,71	-	-	05						
(02,75)	4,0					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
02,80	4,0					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
02,90	4,0					●	2,69	●	3,15	●	3,73	●	4,71	-	-	-	-	05				
03,00	4,5					●	2,36	●	2,79	●	3,40	●	4,26	●	6,49	-	-	05				
03,10	4,5					●	3,32	●	3,75	●	4,31	●	5,47	-	-	-	-	05				
03,20	4,5					●	3,32	●	3,75	●	4,31	●	5,47	-	-	-	-	05				
(03,25)	4,5					●	3,32	●	3,75	●	4,31	●	5,47	-	-	-	-	05				
03,50	5,0					●	2,57	●	3,01	●	3,51	●	4,61	-	-	-	-	05				
(03,75)	5,0					●	3,32	●	3,75	●	4,31	●	5,47	-	-	-	-	05				
04,00	5,5	●	2,57	●	3,01	●	3,51	●	4,61	●	6,72	●	8,05	05								
04,10	5,5	●	3,71	●	4,23	●	4,87	●	6,13	-	-	-	-	05								
04,20	5,5	●	3,71	●	4,23	●	4,87	●	6,13	-	-	-	-	05								
(04,25)	5,5	●	3,71	●	4,23	●	4,87	●	6,13	-	-	-	-	05								
04,50	6,0	●	2,97	●	3,40	●	3,97	●	4,97	-	-	-	-	05								
05,00	6,5	●	2,97	●	3,40	●	3,97	●	4,97	●	6,99	●	8,94	06								
05,10	6,5	+/- 0,20	d ₁ +	1,71	0,5/0	●	4,23	●	4,83	●	5,65	●	7,05	-	-	06						
05,20	6,5					●	4,23	●	4,83	●	5,65	●	7,05	-	-	-	-	06				
(05,25)	6,5					●	4,23	●	4,83	●	5,65	●	7,05	-	-	-	-	06				
05,50	7,0					●	3,44	●	4,10	●	4,87	●	5,92	-	-	-	-	06				
06,00	8,0					●	3,44	●	4,10	●	4,87	●	5,92	●	8,15	●	9,38	06				
06,20	8,0					●	2,06	●	2,06	●	2,06	●	2,06	-	-	-	-	06				
06,50	9,0					●	3,16	●	3,16	●	3,16	●	3,16	-	-	-	-	06				
07,00	9,0					●	2,73	●	2,73	●	2,73	●	2,73	-	-	-	-	06				
07,50	10,0					●	3,16	●	3,16	●	3,16	●	3,16	-	-	-	-	06				
08,00	10,0					●	2,73	●	2,73	●	2,73	●	2,73	●	10,29	●	11,81	08				
08,20	10,0	●	2,56	●	2,56	●	2,56	●	2,56	-	-	-	-	08								
08,50	11,0	●	3,16	●	3,16	●	3,16	●	3,16	-	-	-	-	08								
09,00	11,0	●	2,73	●	2,73	●	2,73	●	2,73	-	-	-	-	08								
10,00	12,0	●	2,73	●	2,73	●	2,73	●	2,73	●	13,67	●	15,84	10								
11,00	13,0	●	2,73	●	2,73	●	2,73	●	2,73	-	-	-	-	12								
12,00	14,0	●	2,73	●	2,73	●	2,73	●	2,73	●	7,90	●	9,48	●	11,29	●	14,56	●	16,91	●	20,28	12
14,00	16,0	●	3,23	●	3,23	●	3,23	●	3,23	●	10,09	●	12,51	●	15,12	●	18,43	●	22,91	●	28,19	14
16,00	18,0	●	3,23	●	3,23	●	3,23	●	3,23	●	13,60	●	15,75	●	18,20	●	23,01	●	29,95	●	35,92	16