



OSG GROUP COMPANY



Centre Drills - Form A

For general centering operations on workpieces requiring additional machining between centres.



Forets centraux - Forme A

Pour des opérations générales de centrage sur des pièces requérant un usinage supplémentaire entre pointes.



Zentrierbohrer - Form A

Für allgemeine Zentrierarbeiten auf Werkstücken, die eine zusätzliche Bearbeitung zwischen Spitzen erfordern.



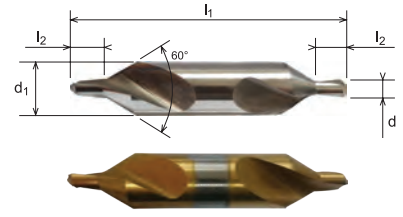
Brocas de centrar - Forma A

Para operaciones de centrado generales sobre piezas de trabajo que requieren un mecanizado adicional entre centros.



Центровочные сверла - Форма А

Для сверления центровочных отверстий в заготовках с последующей обработкой детали с закреплением в центрах.



Codes
114, 115

Properties		
mm inch	DIN 333 114	BS 328 115
HSS		BRIGHT FINISH TiN

Cutting Data	
pg 48	

P								M				K				Ti			Ni			Cu				N				Syn		
1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2.1	2.2	2.3	2.4	3.1	3.2	3.3	3.4	4.1	4.2	4.3	5.1	5.2	5.3	6.1	6.2	6.3	6.4	7.1	7.2	7.3	7.4	8.1	8.2	8.3

d	d1	l2	l1	Code	
				Bright Finish	TiN
0.8	3.15	1.1	25	1140080 •	1140080T
1	3.15	1.3	31.5	1140100 •	1140100T
1.25	3.15	1.6	31.5	1140125 •	1140125T
1.6	4	2	35.5	1140160 •	1140160T
2	5	2.5	40	1140200 •	1140200T
2.5	6.3	3.1	45	1140250 •	1140250T
3.15	8	3.9	50	1140315 •	1140315T
4	10	5	56	1140400 •	1140400T
5	12.5	6.3	63	1140500 •	1140500T
6.3	16	8	71	1140630 •	1140630T
8	20	10.1	80	1140800 •	1140800T
10	25	12.8	100	1141000 •	1141000T

Description	Code
Centre Drill Set - TiN Coated	1140000T
Forets à centrer Set - Revêtus TiN	
Zentrierbohrersatz - TiN-beschichtet	
Juego de Brocas de Centrar - Revestimiento de TiN	
Комплект центровочных сверл - Покрытие TiN	
THIS SET CONTAINS CE SET CONTIENT DIESER SATZ BEINHÄLTET ESTE JUEGO CONTIENE В НАБОР ВХОДЯТ 2mm - 1140200T, 2.5mm - 1140250T, 3.15mm - 1140315T, 4mm - 1140400T, 6.3mm - 1140630T	

Ref. Number	d	d1	l2	l1	Code
					Bright Finish
BS1	1.19	3.18	1.8	38	1150119
BS2	1.59	4.76	2.2	45	1150159
BS3	2.38	6.35	3.6	51	1150238
BS4	3.18	7.94	4.4	57	1150318
BS5	4.76	11.11	6.8	64	1150476
BS6	6.35	15.88	8.7	76	1150635
BS7	7.94	19.05	11.1	89	1150754

Description	Code
Centre Drill Set - TiN Coated	1150000T
Forets à centrer Set - Revêtus TiN	
Zentrierbohrersatz - TiN-beschichtet	
Juego de Brocas de Centrar - Revestimiento de TiN	
Комплект центровочных сверл - Покрытие TiN	
THIS SET CONTAINS CE SET CONTIENT DIESER SATZ BEINHÄLTET ESTE JUEGO CONTIENE В НАБОР ВХОДЯТ BS2 - 1150159T, BS3 - 1150238T, BS4 - 1150318T, BS5 - 1150476T, BS6 - 1150635T	



STRAIGHT
SHANK DRILLS



shaping your dreams