



锋利刀刃



提高效率



坚固耐用

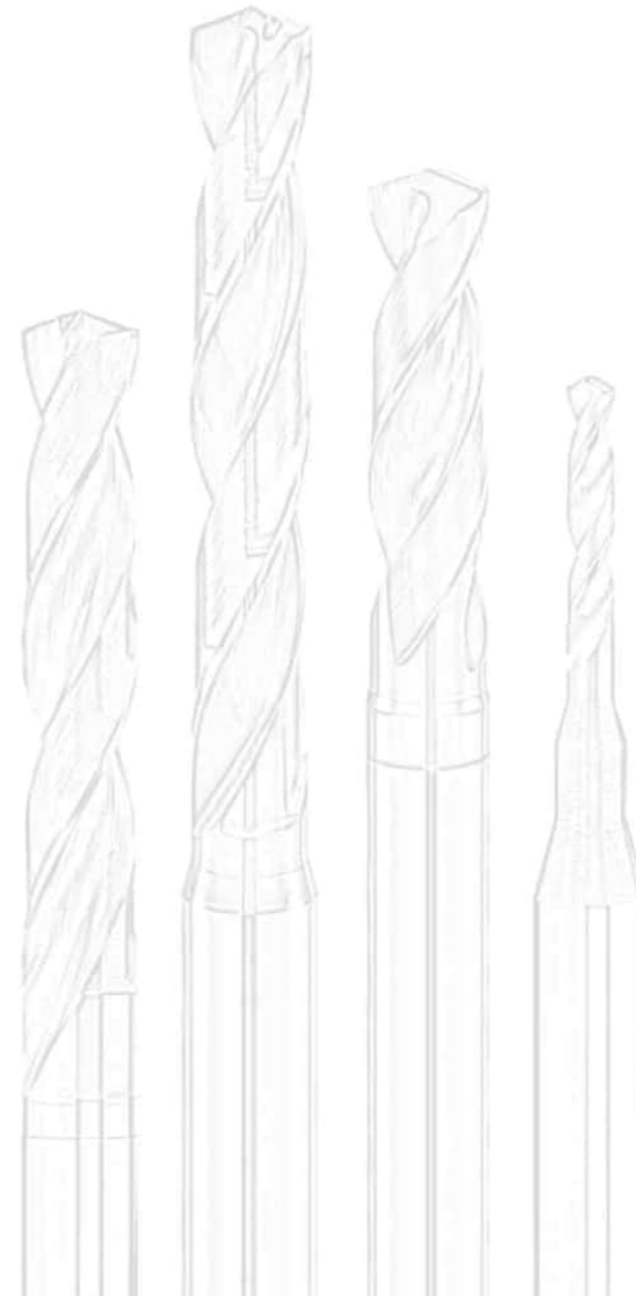


精益求精





品质可靠


HIGH EFFICIENCY PRECISION ECONOMY AND DURABILITY




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备注：本公司拥有产品规格设计变更之权利，如规格有修改，恕不再另行通知。

創新
Innovative

優質
Quality

服務
Service

誠信
Integrity



以先進的設計及生產技術，嚴謹的生產質量管理體系，最大限度的向廣大用戶朋友提供優質的產品。

With advanced design and manufacturing techniques as well as precise production quality management system, we can provide you to the utmost with top-quality products.

品質

Quality



爲了核心技術的創新與質量上的保證，專門成立數控刀具鐳射檢測部門，百分百對每件產品進行全檢。

In order to innovate core technologies and ensure quality, a dedicated CNC tool laser inspection department has been established to conduct 100% full inspection of each product.



庫存

Stock

庫存充足，爲每一個客戶作最好的準備！

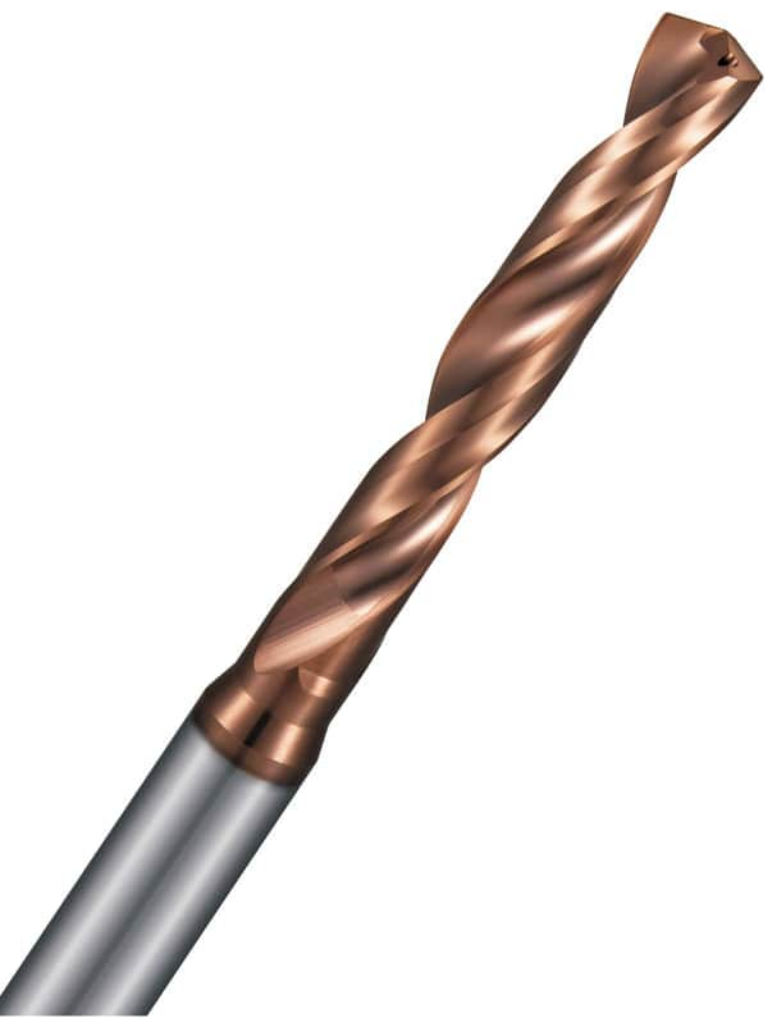
Sufficient stock for each customer to make the best preparation!





為您打造不一樣的孔加工利器

Creating unique hole processing tools for you



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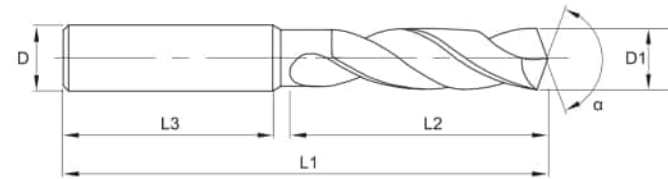
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國標通用標準

規格區間: D0.2-D3.0

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-020	0.20	3.0	38.0	3.0
FS-MD/MC-030	0.30	3.0	38.0	3.0
FS-MD/MC-040	0.40	4.0	38.0	3.0
FS-MD/MC-050	0.50	4.0	38.0	3.0
FS-MD/MC-060	0.60	6.0	38.0	3.0
FS-MD/MC-070	0.70	6.0	38.0	3.0
FS-MD/MC-080	0.80	6.0	38.0	3.0
FS-MD/MC-090	0.90	6.0	38.0	3.0
FS-MD/MC-100	1.00	7.0	38.0	3.0
FS-MD/MC-110	1.10	7.0	38.0	3.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-025	0.25	3.0	38.0	3.0
FS-MD/MC-035	0.35	3.0	38.0	3.0
FS-MD/MC-045	0.45	4.0	38.0	3.0
FS-MD/MC-055	0.55	4.0	38.0	3.0
FS-MD/MC-065	0.65	6.0	38.0	3.0
FS-MD/MC-075	0.75	6.0	38.0	3.0
FS-MD/MC-085	0.85	6.0	38.0	3.0
FS-MD/MC-095	0.95	6.0	38.0	3.0
FS-MD/MC-105	1.05	7.0	38.0	3.0
FS-MD/MC-115	1.15	7.0	38.0	3.0

◎ MD-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ MD-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ MC-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ MC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ MC-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ MC-Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-120	1.20	7.0	38.0	3.0
FS-MD/MC-130	1.30	8.0	38.0	3.0
FS-MD/MC-140	1.40	8.0	38.0	3.0
FS-MD/MC-150	1.50	8.0	38.0	3.0
FS-MD/MC-160	1.60	9.0	38.0	3.0
FS-MD/MC-170	1.70	9.0	38.0	3.0
FS-MD/MC-180	1.80	10.0	38.0	3.0
FS-MD/MC-190	1.90	10.0	38.0	3.0
FS-MD/MC-200	2.00	12.0	38.0	3.0
FS-MD/MC-210	2.10	12.0	38.0	3.0
FS-MD/MC-220	2.20	12.0	38.0	3.0
FS-MD/MC-230	2.30	12.0	38.0	3.0
FS-MD/MC-240	2.40	12.0	38.0	3.0
FS-MD/MC-250	2.50	12.0	38.0	3.0
FS-MD/MC-260	2.60	12.0	38.0	3.0
FS-MD/MC-270	2.70	12.0	38.0	3.0
FS-MD/MC-280	2.80	12.0	38.0	3.0
FS-MD/MC-290	2.90	12.0	38.0	3.0
FS-MD/MC-300	3.00	12.0	38.0	3.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-125	1.25	8.0	38.0	3.0
FS-MD/MC-135	1.35	8.0	38.0	3.0
FS-MD/MC-145	1.45	8.0	38.0	3.0
FS-MD/MC-155	1.55	8.0	38.0	3.0
FS-MD/MC-165	1.65	9.0	38.0	3.0
FS-MD/MC-175	1.75	9.0	38.0	3.0
FS-MD/MC-185	1.85	10.0	38.0	3.0
FS-MD/MC-195	1.95	10.0	38.0	3.0
FS-MD/MC-205	2.05	12.0	38.0	3.0
FS-MD/MC-215	2.15	12.0	38.0	3.0
FS-MD/MC-225	2.25	12.0	38.0	3.0
FS-MD/MC-235	2.35	12.0	38.0	3.0
FS-MD/MC-245	2.45	12.0	38.0	3.0
FS-MD/MC-255	2.55	12.0	38.0	3.0
FS-MD/MC-265	2.65	12.0	38.0	3.0
FS-MD/MC-275	2.75	12.0	38.0	3.0
FS-MD/MC-285	2.85	12.0	38.0	3.0
FS-MD/MC-295	2.95	12.0	38.0	3.0



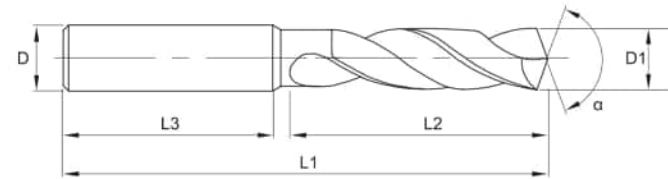
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 ◎ MD-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ MC-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ MC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ MC-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ MC-Coated tools: the material to be processed in accordance with different coatings and colors



國標通用標準

規格區間: D0.21-D1.19

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-021	0.21	3.0	38.0	3.0
FS-MD/MC-022	0.22	3.0	38.0	3.0
FS-MD/MC-023	0.23	3.0	38.0	3.0
FS-MD/MC-024	0.24	3.0	38.0	3.0
FS-MD/MC-026	0.26	3.0	38.0	3.0
FS-MD/MC-027	0.27	3.0	38.0	3.0
FS-MD/MC-028	0.28	3.0	38.0	3.0
FS-MD/MC-029	0.29	3.0	38.0	3.0
FS-MD/MC-031	0.31	3.0	38.0	3.0
FS-MD/MC-032	0.32	3.0	38.0	3.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-033	0.33	3.0	38.0	3.0
FS-MD/MC-034	0.34	3.0	38.0	3.0
FS-MD/MC-036	0.36	3.0	38.0	3.0
FS-MD/MC-037	0.37	3.0	38.0	3.0
FS-MD/MC-038	0.38	3.0	38.0	3.0
FS-MD/MC-039	0.39	3.0	38.0	3.0
FS-MD/MC-041	0.41	4.0	38.0	3.0
FS-MD/MC-042	0.42	4.0	38.0	3.0
FS-MD/MC-043	0.43	4.0	38.0	3.0
FS-MD/MC-044	0.44	4.0	38.0	3.0

◎ MD-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ MD-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ MC-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ MC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ MC-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ MC-Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-046	0.46	4.0	38.0	3.0
FS-MD/MC-047	0.47	4.0	38.0	3.0
FS-MD/MC-048	0.48	4.0	38.0	3.0
FS-MD/MC-049	0.49	4.0	38.0	3.0
FS-MD/MC-051	0.51	4.0	38.0	3.0
FS-MD/MC-052	0.52	4.0	38.0	3.0
FS-MD/MC-053	0.53	4.0	38.0	3.0
FS-MD/MC-054	0.54	4.0	38.0	3.0
FS-MD/MC-056	0.56	5.0	38.0	3.0
FS-MD/MC-057	0.57	5.0	38.0	3.0
FS-MD/MC-058	0.58	5.0	38.0	3.0
FS-MD/MC-059	0.59	5.0	38.0	3.0
FS-MD/MC-061	0.61	6.0	38.0	3.0
FS-MD/MC-062	0.62	6.0	38.0	3.0
FS-MD/MC-063	0.63	6.0	38.0	3.0
FS-MD/MC-064	0.64	6.0	38.0	3.0
FS-MD/MC-066	0.66	6.0	38.0	3.0
FS-MD/MC-067	0.67	6.0	38.0	3.0
FS-MD/MC-068	0.68	6.0	38.0	3.0
FS-MD/MC-069	0.69	6.0	38.0	3.0
FS-MD/MC-071	0.71	6.0	38.0	3.0
FS-MD/MC-072	0.72	6.0	38.0	3.0
FS-MD/MC-073	0.73	6.0	38.0	3.0
FS-MD/MC-074	0.74	6.0	38.0	3.0
FS-MD/MC-076	0.76	6.0	38.0	3.0
FS-MD/MC-077	0.77	6.0	38.0	3.0
FS-MD/MC-078	0.78	6.0	38.0	3.0
FS-MD/MC-079	0.79	6.0	38.0	3.0
FS-MD/MC-081	0.81	6.0	38.0	3.0
FS-MD/MC-082	0.82	6.0	38.0	3.0
FS-MD/MC-083	0.83	6.0	38.0	3.0
FS-MD/MC-084	0.84	6.0	38.0	3.0
FS-MD/MC-086	0.86	6.0	38.0	3.0
FS-MD/MC-087	0.87	6.0	38.0	3.0
FS-MD/MC-088	0.88	6.0	38.0	3.0
FS-MD/MC-089	0.89	6.0	38.0	3.0
FS-MD/MC-091	0.91	6.0	38.0	3.0
FS-MD/MC-092	0.92	6.0	38.0	3.0
FS-MD/MC-093	0.93	6.0	38.0	3.0
FS-MD/MC-094	0.94	6.0	38.0	3.0
FS-MD/MC-096	0.96	6.0	38.0	3.0

◎ MD-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ MD-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
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 ◎ MC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
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 ◎ MC-Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-097	0.97	6.0	38.0	3.0
FS-MD/MC-098	0.98	6.0	38.0	3.0
FS-MD/MC-099	0.99	6.0	38.0	3.0
FS-MD/MC-101	1.01	7.0	38.0	3.0
FS-MD/MC-102	1.02	7.0	38.0	3.0
FS-MD/MC-103	1.03	7.0	38.0	3.0
FS-MD/MC-104	1.04	7.0	38.0	3.0
FS-MD/MC-106	1.06	7.0	38.0	3.0
FS-MD/MC-107	1.07	7.0	38.0	3.0
FS-MD/MC-108	1.08	7.0	38.0	3.0
FS-MD/MC-109	1.09	7.0	38.0	3.0
FS-MD/MC-111	1.11	7.0	38.0	3.0
FS-MD/MC-112	1.12	7.0	38.0	3.0
FS-MD/MC-113	1.13	7.0	38.0	3.0
FS-MD/MC-114	1.14	7.0	38.0	3.0
FS-MD/MC-116	1.16	7.0	38.0	3.0
FS-MD/MC-117	1.17	7.0	38.0	3.0
FS-MD/MC-118	1.18	7.0	38.0	3.0
FS-MD/MC-119	1.19	7.0	38.0	3.0

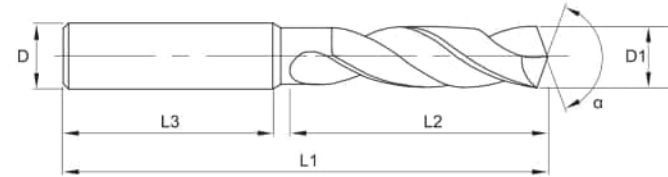




國標通用標準

規格區間: D1.21-D1.99

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-121	1.21	7.0	38.0	3.0
FS-MD/MC-122	1.22	7.0	38.0	3.0
FS-MD/MC-123	1.23	7.0	38.0	3.0
FS-MD/MC-124	1.24	7.0	38.0	3.0
FS-MD/MC-126	1.26	8.0	38.0	3.0
FS-MD/MC-127	1.27	8.0	38.0	3.0
FS-MD/MC-128	1.28	8.0	38.0	3.0
FS-MD/MC-129	1.29	8.0	38.0	3.0
FS-MD/MC-131	1.31	8.0	38.0	3.0
FS-MD/MC-132	1.32	8.0	38.0	3.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-133	1.33	8.0	38.0	3.0
FS-MD/MC-134	1.34	8.0	38.0	3.0
FS-MD/MC-136	1.36	8.0	38.0	3.0
FS-MD/MC-137	1.37	8.0	38.0	3.0
FS-MD/MC-138	1.38	8.0	38.0	3.0
FS-MD/MC-139	1.39	8.0	38.0	3.0
FS-MD/MC-141	1.41	8.0	38.0	3.0
FS-MD/MC-142	1.42	8.0	38.0	3.0
FS-MD/MC-143	1.43	8.0	38.0	3.0
FS-MD/MC-144	1.44	8.0	38.0	3.0

◎ MD-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ MD-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
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訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-146	1.46	8.0	38.0	3.0
FS-MD/MC-147	1.47	8.0	38.0	3.0
FS-MD/MC-148	1.48	8.0	38.0	3.0
FS-MD/MC-149	1.49	8.0	38.0	3.0
FS-MD/MC-151	1.51	8.0	38.0	3.0
FS-MD/MC-152	1.52	8.0	38.0	3.0
FS-MD/MC-153	1.53	8.0	38.0	3.0
FS-MD/MC-154	1.54	8.0	38.0	3.0
FS-MD/MC-156	1.56	8.0	38.0	3.0
FS-MD/MC-157	1.57	8.0	38.0	3.0
FS-MD/MC-158	1.58	8.0	38.0	3.0
FS-MD/MC-159	1.59	8.0	38.0	3.0
FS-MD/MC-161	1.61	9.0	38.0	3.0
FS-MD/MC-162	1.62	9.0	38.0	3.0
FS-MD/MC-163	1.63	9.0	38.0	3.0
FS-MD/MC-164	1.64	9.0	38.0	3.0
FS-MD/MC-166	1.66	9.0	38.0	3.0
FS-MD/MC-167	1.67	9.0	38.0	3.0
FS-MD/MC-168	1.68	9.0	38.0	3.0
FS-MD/MC-169	1.69	9.0	38.0	3.0
FS-MD/MC-171	1.71	9.0	38.0	3.0
FS-MD/MC-172	1.72	9.0	38.0	3.0
FS-MD/MC-173	1.73	9.0	38.0	3.0
FS-MD/MC-174	1.74	9.0	38.0	3.0
FS-MD/MC-176	1.76	9.0	38.0	3.0
FS-MD/MC-177	1.77	9.0	38.0	3.0
FS-MD/MC-178	1.78	9.0	38.0	3.0
FS-MD/MC-179	1.79	9.0	38.0	3.0
FS-MD/MC-181	1.81	10.0	38.0	3.0
FS-MD/MC-182	1.82	10.0	38.0	3.0
FS-MD/MC-183	1.83	10.0	38.0	3.0
FS-MD/MC-184	1.84	10.0	38.0	3.0
FS-MD/MC-186	1.86	10.0	38.0	3.0
FS-MD/MC-187	1.87	10.0	38.0	3.0
FS-MD/MC-188	1.88	10.0	38.0	3.0
FS-MD/MC-189	1.89	10.0	38.0	3.0
FS-MD/MC-191	1.91	10.0	38.0	3.0
FS-MD/MC-192	1.92	10.0	38.0	3.0
FS-MD/MC-193	1.93	10.0	38.0	3.0
FS-MD/MC-194	1.94	10.0	38.0	3.0
FS-MD/MC-196	1.96	10.0	38.0	3.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-197	1.97	10.0	38.0	3.0
FS-MD/MC-198	1.98	10.0	38.0	3.0
FS-MD/MC-199	1.99	10.0	38.0	3.0



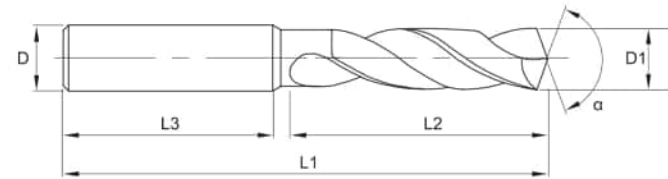
◎ MD-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ MD-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ MC-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ MC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ MC-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ MC-Coated tools: the material to be processed in accordance with different coatings and colors



國標通用標準

規格區間: D2.01-D2.99

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-201	2.01	12.0	38.0	3.0
FS-MD/MC-202	2.02	12.0	38.0	3.0
FS-MD/MC-203	2.03	12.0	38.0	3.0
FS-MD/MC-204	2.04	12.0	38.0	3.0
FS-MD/MC-206	2.06	12.0	38.0	3.0
FS-MD/MC-207	2.07	12.0	38.0	3.0
FS-MD/MC-208	2.08	12.0	38.0	3.0
FS-MD/MC-209	2.09	12.0	38.0	3.0
FS-MD/MC-211	2.11	12.0	38.0	3.0
FS-MD/MC-212	2.12	12.0	38.0	3.0

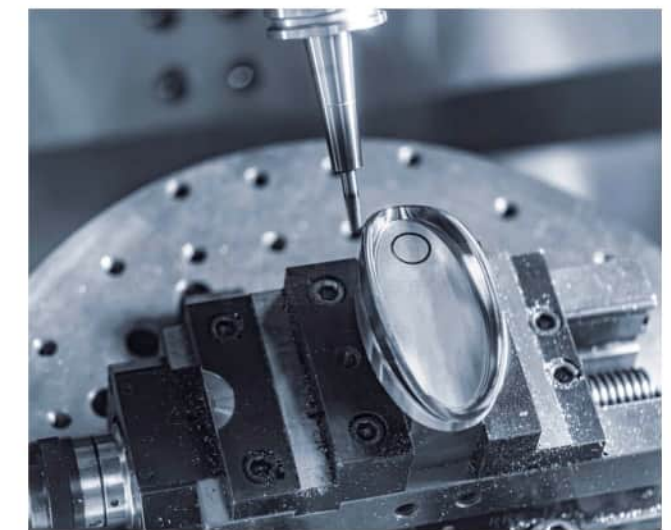
訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-213	2.13	12.0	38.0	3.0
FS-MD/MC-214	2.14	12.0	38.0	3.0
FS-MD/MC-216	2.16	12.0	38.0	3.0
FS-MD/MC-217	2.17	12.0	38.0	3.0
FS-MD/MC-218	2.18	12.0	38.0	3.0
FS-MD/MC-219	2.19	12.0	38.0	3.0
FS-MD/MC-221	2.21	12.0	38.0	3.0
FS-MD/MC-222	2.22	12.0	38.0	3.0
FS-MD/MC-223	2.23	12.0	38.0	3.0
FS-MD/MC-224	2.24	12.0	38.0	3.0

◎ MD-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ MD-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ MC-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ MC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ MC-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ MC-Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-225	2.26	12.0	38.0	3.0
FS-MD/MC-227	2.27	12.0	38.0	3.0
FS-MD/MC-228	2.28	12.0	38.0	3.0
FS-MD/MC-229	2.29	12.0	38.0	3.0
FS-MD/MC-231	2.31	12.0	38.0	3.0
FS-MD/MC-232	2.32	12.0	38.0	3.0
FS-MD/MC-233	2.33	12.0	38.0	3.0
FS-MD/MC-234	2.34	12.0	38.0	3.0
FS-MD/MC-236	2.36	12.0	38.0	3.0
FS-MD/MC-237	2.37	12.0	38.0	3.0
FS-MD/MC-238	2.38	12.0	38.0	3.0
FS-MD/MC-239	2.39	12.0	38.0	3.0
FS-MD/MC-241	2.41	12.0	38.0	3.0
FS-MD/MC-242	2.42	12.0	38.0	3.0
FS-MD/MC-243	2.43	12.0	38.0	3.0
FS-MD/MC-244	2.44	12.0	38.0	3.0
FS-MD/MC-246	2.46	12.0	38.0	3.0
FS-MD/MC-247	2.47	12.0	38.0	3.0
FS-MD/MC-248	2.48	12.0	38.0	3.0
FS-MD/MC-249	2.49	12.0	38.0	3.0
FS-MD/MC-251	2.51	12.0	38.0	3.0
FS-MD/MC-252	2.52	12.0	38.0	3.0
FS-MD/MC-253	2.53	12.0	38.0	3.0
FS-MD/MC-254	2.54	12.0	38.0	3.0
FS-MD/MC-256	2.56	12.0	38.0	3.0
FS-MD/MC-257	2.57	12.0	38.0	3.0
FS-MD/MC-258	2.58	12.0	38.0	3.0
FS-MD/MC-259	2.59	12.0	38.0	3.0
FS-MD/MC-261	2.61	12.0	38.0	3.0
FS-MD/MC-262	2.62	12.0	38.0	3.0
FS-MD/MC-263	2.63	12.0	38.0	3.0
FS-MD/MC-264	2.64	12.0	38.0	3.0
FS-MD/MC-266	2.66	12.0	38.0	3.0
FS-MD/MC-267	2.67	12.0	38.0	3.0
FS-MD/MC-268	2.68	12.0	38.0	3.0
FS-MD/MC-269	2.69	12.0	38.0	3.0
FS-MD/MC-271	2.71	12.0	38.0	3.0
FS-MD/MC-272	2.72	12.0	38.0	3.0
FS-MD/MC-273	2.73	12.0	38.0	3.0
FS-MD/MC-274	2.74	12.0	38.0	3.0
FS-MD/MC-275	2.76	12.0	38.0	3.0

◎ MD-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ MD-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ MC-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ MC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ MC-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ MC-Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-MD/MC-277	2.77	12.0	38.0	3.0
FS-MD/MC-278	2.78	12.0	38.0	3.0
FS-MD/MC-279	2.79	12.0	38.0	3.0
FS-MD/MC-281	2.81	12.0	38.0	3.0
FS-MD/MC-282	2.82	12.0	38.0	3.0
FS-MD/MC-283	2.83	12.0	38.0	3.0
FS-MD/MC-284	2.84	12.0	38.0	3.0
FS-MD/MC-286	2.86	12.0	38.0	3.0
FS-MD/MC-287	2.87	12.0	38.0	3.0
FS-MD/MC-288	2.88	12.0	38.0	3.0
FS-MD/MC-289	2.89	12.0	38.0	3.0
FS-MD/MC-291	2.91	12.0	38.0	3.0
FS-MD/MC-292	2.92	12.0	38.0	3.0
FS-MD/MC-293	2.93	12.0	38.0	3.0
FS-MD/MC-294	2.94	12.0	38.0	3.0
FS-MD/MC-296	2.96	12.0	38.0	3.0
FS-MD/MC-297	2.97	12.0	38.0	3.0
FS-MD/MC-298	2.98	12.0	38.0	3.0
FS-MD/MC-299	2.99	12.0	38.0	3.0



國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

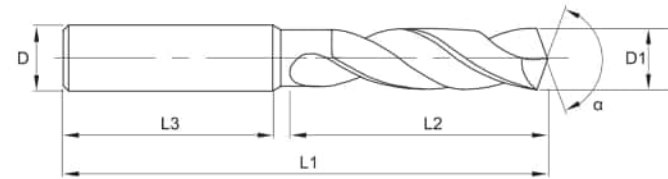
技術資料 Technical Information



國標通用標準

規格區間: D0.50-D4.00

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-050	0.50	4.0	50.0	4.0
FS-PT/PC/PS-060	0.60	5.0	50.0	4.0
FS-PT/PC/PS-070	0.70	5.0	50.0	4.0
FS-PT/PC/PS-080	0.80	5.0	50.0	4.0
FS-PT/PC/PS-090	0.90	5.0	50.0	4.0
FS-PT/PC/PS-100	1.00	6.0	50.0	4.0
FS-PT/PC/PS-110	1.10	6.0	50.0	4.0
FS-PT/PC/PS-120	1.20	6.0	50.0	4.0
FS-PT/PC/PS-130	1.30	6.0	50.0	4.0
FS-PT/PC/PS-140	1.40	8.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-055	0.55	4.0	50.0	4.0
FS-PT/PC/PS-065	0.65	5.0	50.0	4.0
FS-PT/PC/PS-075	0.75	5.0	50.0	4.0
FS-PT/PC/PS-085	0.85	5.0	50.0	4.0
FS-PT/PC/PS-095	0.95	5.0	50.0	4.0
FS-PT/PC/PS-105	1.05	6.0	50.0	4.0
FS-PT/PC/PS-115	1.15	6.0	50.0	4.0
FS-PT/PC/PS-125	1.25	6.0	50.0	4.0
FS-PT/PC/PS-135	1.35	8.0	50.0	4.0
FS-PT/PC/PS-145	1.45	8.0	50.0	4.0

- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-150	1.50	8.0	50.0	4.0
FS-PT/PC/PS-160	1.60	8.0	50.0	4.0
FS-PT/PC/PS-170	1.70	8.0	50.0	4.0
FS-PT/PC/PS-180	1.80	9.0	50.0	4.0
FS-PT/PC/PS-190	1.90	9.0	50.0	4.0
FS-PT/PC/PS-200	2.00	10.0	50.0	4.0
FS-PT/PC/PS-210	2.10	10.0	50.0	4.0
FS-PT/PC/PS-220	2.20	10.0	50.0	4.0
FS-PT/PC/PS-230	2.30	12.0	50.0	4.0
FS-PT/PC/PS-240	2.40	12.0	50.0	4.0
FS-PT/PC/PS-250	2.50	12.0	50.0	4.0
FS-PT/PC/PS-260	2.60	12.0	50.0	4.0
FS-PT/PC/PS-270	2.70	14.0	50.0	4.0
FS-PT/PC/PS-280	2.80	14.0	50.0	4.0
FS-PT/PC/PS-290	2.90	14.0	50.0	4.0
FS-PT/PC/PS-300	3.00	14.0	50.0	4.0
FS-PT/PC/PS-310	3.10	16.0	50.0	4.0
FS-PT/PC/PS-320	3.20	16.0	50.0	4.0
FS-PT/PC/PS-330	3.30	16.0	50.0	4.0
FS-PT/PC/PS-340	3.40	16.0	50.0	4.0
FS-PT/PC/PS-350	3.50	16.0	50.0	4.0
FS-PT/PC/PS-360	3.60	18.0	50.0	4.0
FS-PT/PC/PS-370	3.70	18.0	50.0	4.0
FS-PT/PC/PS-380	3.80	18.0	50.0	4.0
FS-PT/PC/PS-390	3.90	18.0	50.0	4.0
FS-PT/PC/PS-400	4.00	18.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-155	1.55	8.0	50.0	4.0
FS-PT/PC/PS-165	1.65	8.0	50.0	4.0
FS-PT/PC/PS-175	1.75	8.0	50.0	4.0
FS-PT/PC/PS-185	1.85	9.0	50.0	4.0
FS-PT/PC/PS-195	1.95	9.0	50.0	4.0
FS-PT/PC/PS-205	2.05	10.0	50.0	4.0
FS-PT/PC/PS-215	2.15	10.0	50.0	4.0
FS-PT/PC/PS-225	2.25	10.0	50.0	4.0
FS-PT/PC/PS-235	2.35	12.0	50.0	4.0
FS-PT/PC/PS-245	2.45	12.0	50.0	4.0
FS-PT/PC/PS-255	2.55	12.0	50.0	4.0
FS-PT/PC/PS-265	2.65	14.0	50.0	4.0
FS-PT/PC/PS-275	2.75	14.0	50.0	4.0
FS-PT/PC/PS-285	2.85	14.0	50.0	4.0
FS-PT/PC/PS-295	2.95	14.0	50.0	4.0
FS-PT/PC/PS-305	3.05	16.0	50.0	4.0
FS-PT/PC/PS-315	3.15	16.0	50.0	4.0
FS-PT/PC/PS-325	3.25	16.0	50.0	4.0
FS-PT/PC/PS-335	3.35	16.0	50.0	4.0
FS-PT/PC/PS-345	3.45	16.0	50.0	4.0
FS-PT/PC/PS-355	3.55	16.0	50.0	4.0
FS-PT/PC/PS-365	3.65	18.0	50.0	4.0
FS-PT/PC/PS-375	3.75	18.0	50.0	4.0
FS-PT/PC/PS-385	3.85	18.0	50.0	4.0
FS-PT/PC/PS-395	3.95	18.0	50.0	4.0

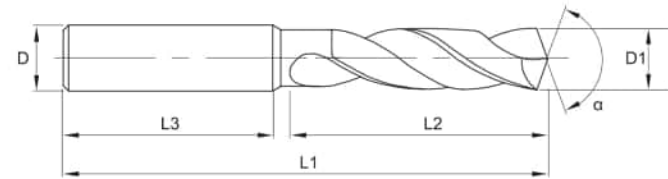
- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill



國標通用標準

規格區間: D4.05-D8.0

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-405	4.05	18.0	50.0	5.0
FS-PT/PC/PS-415	4.15	18.0	50.0	5.0
FS-PT/PC/PS-425	4.25	18.0	50.0	5.0
FS-PT/PC/PS-435	4.35	18.0	50.0	5.0
FS-PT/PC/PS-445	4.45	18.0	50.0	5.0
FS-PT/PC/PS-455	4.55	20.0	50.0	5.0
FS-PT/PC/PS-465	4.65	20.0	50.0	5.0
FS-PT/PC/PS-475	4.75	20.0	50.0	5.0
FS-PT/PC/PS-485	4.85	20.0	50.0	5.0
FS-PT/PC/PS-495	4.95	20.0	50.0	5.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-410	4.10	18.0	50.0	5.0
FS-PT/PC/PS-420	4.20	18.0	50.0	5.0
FS-PT/PC/PS-430	4.30	18.0	50.0	5.0
FS-PT/PC/PS-440	4.40	18.0	50.0	5.0
FS-PT/PC/PS-450	4.50	18.0	50.0	5.0
FS-PT/PC/PS-460	4.60	20.0	50.0	5.0
FS-PT/PC/PS-470	4.70	20.0	50.0	5.0
FS-PT/PC/PS-480	4.80	20.0	50.0	5.0
FS-PT/PC/PS-490	4.90	20.0	50.0	5.0
FS-PT/PC/PS-500	5.00	20.0	50.0	5.0

- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-505	5.05	25.0	50.0	6.0
FS-PT/PC/PS-515	5.15	25.0	50.0	6.0
FS-PT/PC/PS-525	5.25	25.0	50.0	6.0
FS-PT/PC/PS-535	5.35	25.0	50.0	6.0
FS-PT/PC/PS-545	5.45	25.0	50.0	6.0
FS-PT/PC/PS-555	5.55	25.0	50.0	6.0
FS-PT/PC/PS-565	5.65	25.0	50.0	6.0
FS-PT/PC/PS-575	5.75	25.0	50.0	6.0
FS-PT/PC/PS-585	5.85	25.0	50.0	6.0
FS-PT/PC/PS-595	5.95	25.0	50.0	6.0
FS-PT/PC/PS-605	6.05	30.0	60.0	8.0
FS-PT/PC/PS-615	6.15	30.0	60.0	8.0
FS-PT/PC/PS-625	6.25	30.0	60.0	8.0
FS-PT/PC/PS-635	6.35	30.0	60.0	8.0
FS-PT/PC/PS-645	6.45	30.0	60.0	8.0
FS-PT/PC/PS-655	6.55	30.0	60.0	8.0
FS-PT/PC/PS-665	6.65	30.0	60.0	8.0
FS-PT/PC/PS-675	6.75	30.0	60.0	8.0
FS-PT/PC/PS-685	6.85	30.0	60.0	8.0
FS-PT/PC/PS-695	6.95	30.0	60.0	8.0
FS-PT/PC/PS-705	7.05	32.0	60.0	8.0
FS-PT/PC/PS-715	7.15	32.0	60.0	8.0
FS-PT/PC/PS-725	7.25	32.0	60.0	8.0
FS-PT/PC/PS-735	7.35	32.0	60.0	8.0
FS-PT/PC/PS-745	7.45	32.0	60.0	8.0
FS-PT/PC/PS-755	7.55	32.0	60.0	8.0
FS-PT/PC/PS-765	7.65	32.0	60.0	8.0
FS-PT/PC/PS-775	7.75	32.0	60.0	8.0
FS-PT/PC/PS-785	7.85	32.0	60.0	8.0
FS-PT/PC/PS-795	7.95	32.0	60.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-510	5.10	25.0	50.0	6.0
FS-PT/PC/PS-520	5.20	25.0	50.0	6.0
FS-PT/PC/PS-530	5.30	25.0	50.0	6.0
FS-PT/PC/PS-540	5.40	25.0	50.0	6.0
FS-PT/PC/PS-550	5.50	25.0	50.0	6.0
FS-PT/PC/PS-560	5.60	25.0	50.0	6.0
FS-PT/PC/PS-570	5.70	25.0	50.0	6.0
FS-PT/PC/PS-580	5.80	25.0	50.0	6.0
FS-PT/PC/PS-590	5.90	25.0	50.0	6.0
FS-PT/PC/PS-600	6.00	25.0	50.0	6.0
FS-PT/PC/PS-610	6.10	30.0	60.0	8.0
FS-PT/PC/PS-620	6.20	30.0	60.0	8.0
FS-PT/PC/PS-630	6.30	30.0	60.0	8.0
FS-PT/PC/PS-640	6.40	30.0	60.0	8.0
FS-PT/PC/PS-650	6.50	30.0	60.0	8.0
FS-PT/PC/PS-660	6.60	30.0	60.0	8.0
FS-PT/PC/PS-670	6.70	30.0	60.0	8.0
FS-PT/PC/PS-680	6.80	30.0	60.0	8.0
FS-PT/PC/PS-690	6.90	30.0	60.0	8.0
FS-PT/PC/PS-700	7.00	30.0	60.0	8.0
FS-PT/PC/PS-710	7.10	32.0	60.0	8.0
FS-PT/PC/PS-720	7.20	32.0	60.0	8.0
FS-PT/PC/PS-730	7.30	32.0	60.0	8.0
FS-PT/PC/PS-740	7.40	32.0	60.0	8.0
FS-PT/PC/PS-750	7.50	32.0	60.0	8.0
FS-PT/PC/PS-760	7.60	32.0	60.0	8.0
FS-PT/PC/PS-770	7.70	32.0	60.0	8.0
FS-PT/PC/PS-780	7.80	32.0	60.0	8.0
FS-PT/PC/PS-790	7.90	32.0	60.0	8.0
FS-PT/PC/PS-800	8.00	32.0	60.0	8.0

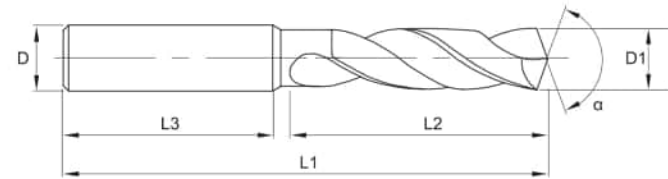
- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill



國標通用標準

規格區間: D8.05-D12.0

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-805	8.05	40.0	75.0	10.0
FS-PT/PC/PS-815	8.15	40.0	75.0	10.0
FS-PT/PC/PS-825	8.25	40.0	75.0	10.0
FS-PT/PC/PS-835	8.35	40.0	75.0	10.0
FS-PT/PC/PS-845	8.45	40.0	75.0	10.0
FS-PT/PC/PS-855	8.55	40.0	75.0	10.0
FS-PT/PC/PS-865	8.65	40.0	75.0	10.0
FS-PT/PC/PS-875	8.75	40.0	75.0	10.0
FS-PT/PC/PS-885	8.85	40.0	75.0	10.0
FS-PT/PC/PS-895	8.95	40.0	75.0	10.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-810	8.10	40.0	75.0	10.0
FS-PT/PC/PS-820	8.20	40.0	75.0	10.0
FS-PT/PC/PS-830	8.30	40.0	75.0	10.0
FS-PT/PC/PS-840	8.40	40.0	75.0	10.0
FS-PT/PC/PS-850	8.50	40.0	75.0	10.0
FS-PT/PC/PS-860	8.60	40.0	75.0	10.0
FS-PT/PC/PS-870	8.70	40.0	75.0	10.0
FS-PT/PC/PS-880	8.80	40.0	75.0	10.0
FS-PT/PC/PS-890	8.90	40.0	75.0	10.0
FS-PT/PC/PS-900	9.00	40.0	75.0	10.0

- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-905	9.05	40.0	75.0	10.0
FS-PT/PC/PS-915	9.15	40.0	75.0	10.0
FS-PT/PC/PS-925	9.25	40.0	75.0	10.0
FS-PT/PC/PS-935	9.35	40.0	75.0	10.0
FS-PT/PC/PS-945	9.45	40.0	75.0	10.0
FS-PT/PC/PS-955	9.55	40.0	75.0	10.0
FS-PT/PC/PS-965	9.65	40.0	75.0	10.0
FS-PT/PC/PS-975	9.75	40.0	75.0	10.0
FS-PT/PC/PS-985	9.85	40.0	75.0	10.0
FS-PT/PC/PS-995	9.95	40.0	75.0	10.0
FS-PT/PC/PS-1005	10.05	42.0	75.0	12.0
FS-PT/PC/PS-1015	10.15	42.0	75.0	12.0
FS-PT/PC/PS-1025	10.25	42.0	75.0	12.0
FS-PT/PC/PS-1035	10.35	42.0	75.0	12.0
FS-PT/PC/PS-1045	10.45	42.0	75.0	12.0
FS-PT/PC/PS-1055	10.55	42.0	75.0	12.0
FS-PT/PC/PS-1065	10.65	42.0	75.0	12.0
FS-PT/PC/PS-1075	10.75	42.0	75.0	12.0
FS-PT/PC/PS-1085	10.85	42.0	75.0	12.0
FS-PT/PC/PS-1095	10.95	42.0	75.0	12.0
FS-PT/PC/PS-1105	11.05	48.0	80.0	12.0
FS-PT/PC/PS-1115	11.15	48.0	80.0	12.0
FS-PT/PC/PS-1125	11.25	48.0	80.0	12.0
FS-PT/PC/PS-1135	11.35	48.0	80.0	12.0
FS-PT/PC/PS-1145	11.45	48.0	80.0	12.0
FS-PT/PC/PS-1155	11.55	48.0	80.0	12.0
FS-PT/PC/PS-1165	11.65	48.0	80.0	12.0
FS-PT/PC/PS-1175	11.75	48.0	80.0	12.0
FS-PT/PC/PS-1185	11.85	48.0	80.0	12.0
FS-PT/PC/PS-1195	11.95	48.0	80.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-910	9.10	40.0	75.0	10.0
FS-PT/PC/PS-920	9.20	40.0	75.0	10.0
FS-PT/PC/PS-930	9.30	40.0	75.0	10.0
FS-PT/PC/PS-940	9.40	40.0	75.0	10.0
FS-PT/PC/PS-950	9.50	40.0	75.0	10.0
FS-PT/PC/PS-960	9.60	40.0	75.0	10.0
FS-PT/PC/PS-970	9.70	40.0	75.0	10.0
FS-PT/PC/PS-980	9.80	40.0	75.0	10.0
FS-PT/PC/PS-990	9.90	40.0	75.0	10.0
FS-PT/PC/PS-1000	10.00	40.0	75.0	10.0
FS-PT/PC/PS-1010	10.10	42.0	75.0	12.0
FS-PT/PC/PS-1020	10.20	42.0	75.0	12.0
FS-PT/PC/PS-1030	10.30	42.0	75.0	12.0
FS-PT/PC/PS-1040	10.40	42.0	75.0	12.0
FS-PT/PC/PS-1050	10.50	42.0	75.0	12.0
FS-PT/PC/PS-1060	10.60	42.0	75.0	12.0
FS-PT/PC/PS-1070	10.70	42.0	75.0	12.0
FS-PT/PC/PS-1080	10.80	42.0	75.0	12.0
FS-PT/PC/PS-1090	10.90	42.0	75.0	12.0
FS-PT/PC/PS-1100	11.00	42.0	75.0	12.0
FS-PT/PC/PS-1110	11.10	48.0	80.0	12.0
FS-PT/PC/PS-1120	11.20	48.0	80.0	12.0
FS-PT/PC/PS-1130	11.30	48.0	80.0	12.0
FS-PT/PC/PS-1140	11.40	48.0	80.0	12.0
FS-PT/PC/PS-1150	11.50	48.0	80.0	12.0
FS-PT/PC/PS-1160	11.60	48.0	80.0	12.0
FS-PT/PC/PS-1170	11.70	48.0	80.0	12.0
FS-PT/PC/PS-1180	11.80	48.0	80.0	12.0
FS-PT/PC/PS-1190	11.90	48.0	80.0	12.0
FS-PT/PC/PS-1200	12.00	48.0	80.0	12.0

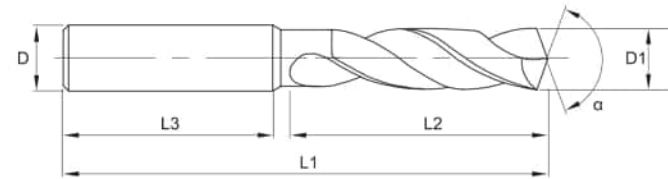
- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill



國標通用標準

規格區間: D0.5-D1.49

規格間距: 0.01 mm



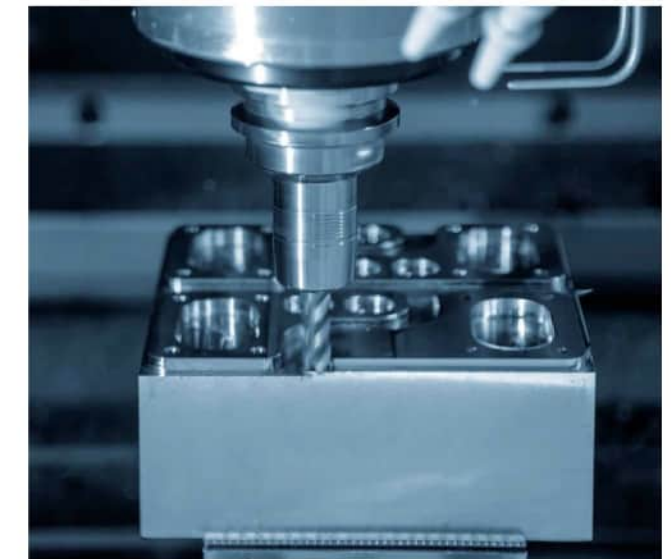
訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-051	0.51	5.0	50.0	4.0
FS-PT/PC/PS-052	0.52	5.0	50.0	4.0
FS-PT/PC/PS-053	0.53	5.0	50.0	4.0
FS-PT/PC/PS-054	0.54	5.0	50.0	4.0
FS-PT/PC/PS-056	0.56	5.0	50.0	4.0
FS-PT/PC/PS-057	0.57	5.0	50.0	4.0
FS-PT/PC/PS-058	0.58	5.0	50.0	4.0
FS-PT/PC/PS-059	0.59	5.0	50.0	4.0
FS-PT/PC/PS-061	0.61	5.0	50.0	4.0
FS-PT/PC/PS-062	0.62	5.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-063	0.63	5.0	50.0	4.0
FS-PT/PC/PS-064	0.64	5.0	50.0	4.0
FS-PT/PC/PS-066	0.66	5.0	50.0	4.0
FS-PT/PC/PS-067	0.67	5.0	50.0	4.0
FS-PT/PC/PS-068	0.68	5.0	50.0	4.0
FS-PT/PC/PS-069	0.69	5.0	50.0	4.0
FS-PT/PC/PS-071	0.71	5.0	50.0	4.0
FS-PT/PC/PS-072	0.72	5.0	50.0	4.0
FS-PT/PC/PS-073	0.73	5.0	50.0	4.0
FS-PT/PC/PS-074	0.74	5.0	50.0	4.0

◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, stainless steel, mold steel, other steel, ductile iron.
 ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
 ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-076	0.76	5.0	50.0	4.0
FS-PT/PC/PS-077	0.77	5.0	50.0	4.0
FS-PT/PC/PS-078	0.78	5.0	50.0	4.0
FS-PT/PC/PS-079	0.79	5.0	50.0	4.0
FS-PT/PC/PS-081	0.81	5.0	50.0	4.0
FS-PT/PC/PS-082	0.82	5.0	50.0	4.0
FS-PT/PC/PS-083	0.83	5.0	50.0	4.0
FS-PT/PC/PS-084	0.84	5.0	50.0	4.0
FS-PT/PC/PS-086	0.86	5.0	50.0	4.0
FS-PT/PC/PS-087	0.87	5.0	50.0	4.0
FS-PT/PC/PS-088	0.88	5.0	50.0	4.0
FS-PT/PC/PS-089	0.89	5.0	50.0	4.0
FS-PT/PC/PS-091	0.91	5.0	50.0	4.0
FS-PT/PC/PS-092	0.92	5.0	50.0	4.0
FS-PT/PC/PS-093	0.93	5.0	50.0	4.0
FS-PT/PC/PS-094	0.94	5.0	50.0	4.0
FS-PT/PC/PS-096	0.96	5.0	50.0	4.0
FS-PT/PC/PS-097	0.97	5.0	50.0	4.0
FS-PT/PC/PS-098	0.98	5.0	50.0	4.0
FS-PT/PC/PS-099	0.99	5.0	50.0	4.0
FS-PT/PC/PS-101	1.01	6.0	50.0	4.0
FS-PT/PC/PS-102	1.02	6.0	50.0	4.0
FS-PT/PC/PS-103	1.03	6.0	50.0	4.0
FS-PT/PC/PS-104	1.04	6.0	50.0	4.0
FS-PT/PC/PS-106	1.06	6.0	50.0	4.0
FS-PT/PC/PS-107	1.07	6.0	50.0	4.0
FS-PT/PC/PS-108	1.08	6.0	50.0	4.0
FS-PT/PC/PS-109	1.09	6.0	50.0	4.0
FS-PT/PC/PS-111	1.11	6.0	50.0	4.0
FS-PT/PC/PS-112	1.12	6.0	50.0	4.0
FS-PT/PC/PS-113	1.13	6.0	50.0	4.0
FS-PT/PC/PS-114	1.14	6.0	50.0	4.0
FS-PT/PC/PS-116	1.16	6.0	50.0	4.0
FS-PT/PC/PS-117	1.17	6.0	50.0	4.0
FS-PT/PC/PS-118	1.18	6.0	50.0	4.0
FS-PT/PC/PS-119	1.19	6.0	50.0	4.0
FS-PT/PC/PS-121	1.21	6.0	50.0	4.0
FS-PT/PC/PS-122	1.22	6.0	50.0	4.0
FS-PT/PC/PS-123	1.23	6.0	50.0	4.0
FS-PT/PC/PS-124	1.24	6.0	50.0	4.0
FS-PT/PC/PS-126	1.26	6.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-127	1.27	6.0	50.0	4.0
FS-PT/PC/PS-128	1.28	6.0	50.0	4.0
FS-PT/PC/PS-129	1.29	6.0	50.0	4.0
FS-PT/PC/PS-131	1.31	8.0	50.0	4.0
FS-PT/PC/PS-132	1.32	8.0	50.0	4.0
FS-PT/PC/PS-133	1.33	8.0	50.0	4.0
FS-PT/PC/PS-134	1.34	8.0	50.0	4.0
FS-PT/PC/PS-136	1.36	8.0	50.0	4.0
FS-PT/PC/PS-137	1.37	8.0	50.0	4.0
FS-PT/PC/PS-138	1.38	8.0	50.0	4.0
FS-PT/PC/PS-139	1.39	8.0	50.0	4.0
FS-PT/PC/PS-141	1.41	8.0	50.0	4.0
FS-PT/PC/PS-142	1.42	8.0	50.0	4.0
FS-PT/PC/PS-143	1.43	8.0	50.0	4.0
FS-PT/PC/PS-144	1.44	8.0	50.0	4.0
FS-PT/PC/PS-146	1.46	8.0	50.0	4.0
FS-PT/PC/PS-147	1.47	8.0	50.0	4.0
FS-PT/PC/PS-148	1.48	8.0	50.0	4.0
FS-PT/PC/PS-149	1.49	8.0	50.0	4.0



◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, stainless steel, mold steel, other steel, ductile iron.
 ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
 ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

FS-PT/PC/PS系列/SIZE 3XD

銑刀柄通用型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

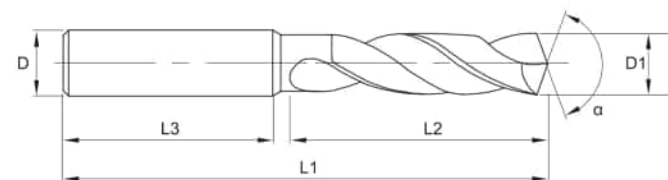
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D1.51-D2.69

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-151	1.51	8.0	50.0	4.0
FS-PT/PC/PS-152	1.52	8.0	50.0	4.0
FS-PT/PC/PS-153	1.53	8.0	50.0	4.0
FS-PT/PC/PS-154	1.54	8.0	50.0	4.0
FS-PT/PC/PS-156	1.56	8.0	50.0	4.0
FS-PT/PC/PS-157	1.57	8.0	50.0	4.0
FS-PT/PC/PS-158	1.58	8.0	50.0	4.0
FS-PT/PC/PS-159	1.59	8.0	50.0	4.0
FS-PT/PC/PS-161	1.61	8.0	50.0	4.0
FS-PT/PC/PS-162	1.62	8.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-163	1.63	8.0	50.0	4.0
FS-PT/PC/PS-164	1.64	8.0	50.0	4.0
FS-PT/PC/PS-166	1.66	8.0	50.0	4.0
FS-PT/PC/PS-167	1.67	8.0	50.0	4.0
FS-PT/PC/PS-168	1.68	8.0	50.0	4.0
FS-PT/PC/PS-169	1.69	8.0	50.0	4.0
FS-PT/PC/PS-171	1.71	8.0	50.0	4.0
FS-PT/PC/PS-172	1.72	8.0	50.0	4.0
FS-PT/PC/PS-173	1.73	8.0	50.0	4.0
FS-PT/PC/PS-174	1.74	8.0	50.0	4.0

- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-176	1.76	8.0	50.0	4.0
FS-PT/PC/PS-177	1.77	8.0	50.0	4.0
FS-PT/PC/PS-178	1.78	8.0	50.0	4.0
FS-PT/PC/PS-179	1.79	8.0	50.0	4.0
FS-PT/PC/PS-181	1.81	9.0	50.0	4.0
FS-PT/PC/PS-182	1.82	9.0	50.0	4.0
FS-PT/PC/PS-183	1.83	9.0	50.0	4.0
FS-PT/PC/PS-184	1.84	9.0	50.0	4.0
FS-PT/PC/PS-186	1.86	9.0	50.0	4.0
FS-PT/PC/PS-187	1.87	9.0	50.0	4.0
FS-PT/PC/PS-188	1.88	9.0	50.0	4.0
FS-PT/PC/PS-189	1.89	9.0	50.0	4.0
FS-PT/PC/PS-191	1.91	9.0	50.0	4.0
FS-PT/PC/PS-192	1.92	9.0	50.0	4.0
FS-PT/PC/PS-193	1.93	9.0	50.0	4.0
FS-PT/PC/PS-194	1.94	9.0	50.0	4.0
FS-PT/PC/PS-196	1.96	9.0	50.0	4.0
FS-PT/PC/PS-197	1.97	9.0	50.0	4.0
FS-PT/PC/PS-198	1.98	9.0	50.0	4.0
FS-PT/PC/PS-199	1.99	9.0	50.0	4.0
FS-PT/PC/PS-201	2.01	10.0	50.0	4.0
FS-PT/PC/PS-202	2.02	10.0	50.0	4.0
FS-PT/PC/PS-203	2.03	10.0	50.0	4.0
FS-PT/PC/PS-204	2.04	10.0	50.0	4.0
FS-PT/PC/PS-206	2.06	10.0	50.0	4.0
FS-PT/PC/PS-207	2.07	10.0	50.0	4.0
FS-PT/PC/PS-208	2.08	10.0	50.0	4.0
FS-PT/PC/PS-209	2.09	10.0	50.0	4.0
FS-PT/PC/PS-211	2.11	10.0	50.0	4.0
FS-PT/PC/PS-212	2.12	10.0	50.0	4.0
FS-PT/PC/PS-213	2.13	10.0	50.0	4.0
FS-PT/PC/PS-214	2.14	10.0	50.0	4.0
FS-PT/PC/PS-216	2.16	10.0	50.0	4.0
FS-PT/PC/PS-217	2.17	10.0	50.0	4.0
FS-PT/PC/PS-218	2.18	10.0	50.0	4.0
FS-PT/PC/PS-219	2.19	10.0	50.0	4.0
FS-PT/PC/PS-221	2.21	10.0	50.0	4.0
FS-PT/PC/PS-222	2.22	10.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-223	2.23	10.0	50.0	4.0
FS-PT/PC/PS-224	2.24	10.0	50.0	4.0
FS-PT/PC/PS-226	2.26	10.0	50.0	4.0
FS-PT/PC/PS-227	2.27	10.0	50.0	4.0
FS-PT/PC/PS-228	2.28	10.0	50.0	4.0
FS-PT/PC/PS-229	2.29	10.0	50.0	4.0
FS-PT/PC/PS-231	2.31	12.0	50.0	4.0
FS-PT/PC/PS-232	2.32	12.0	50.0	4.0
FS-PT/PC/PS-233	2.33	12.0	50.0	4.0
FS-PT/PC/PS-234	2.34	12.0	50.0	4.0
FS-PT/PC/PS-236	2.36	12.0	50.0	4.0
FS-PT/PC/PS-237	2.37	12.0	50.0	4.0
FS-PT/PC/PS-238	2.38	12.0	50.0	4.0
FS-PT/PC/PS-239	2.39	12.0	50.0	4.0
FS-PT/PC/PS-241	2.41	12.0	50.0	4.0
FS-PT/PC/PS-242	2.42	12.0	50.0	4.0
FS-PT/PC/PS-243	2.43	12.0	50.0	4.0
FS-PT/PC/PS-244	2.44	12.0	50.0	4.0
FS-PT/PC/PS-246	2.46	12.0	50.0	4.0
FS-PT/PC/PS-247	2.47	12.0	50.0	4.0
FS-PT/PC/PS-248	2.48	12.0	50.0	4.0
FS-PT/PC/PS-249	2.49	12.0	50.0	4.0
FS-PT/PC/PS-251	2.51	12.0	50.0	4.0
FS-PT/PC/PS-252	2.52	12.0	50.0	4.0
FS-PT/PC/PS-253	2.53	12.0	50.0	4.0
FS-PT/PC/PS-254	2.54	12.0	50.0	4.0
FS-PT/PC/PS-256	2.56	12.0	50.0	4.0
FS-PT/PC/PS-257	2.57	12.0	50.0	4.0
FS-PT/PC/PS-258	2.58	12.0	50.0	4.0
FS-PT/PC/PS-259	2.59	12.0	50.0	4.0
FS-PT/PC/PS-261	2.61	14.0	50.0	4.0
FS-PT/PC/PS-262	2.62	14.0	50.0	4.0
FS-PT/PC/PS-263	2.63	14.0	50.0	4.0
FS-PT/PC/PS-264	2.64	14.0	50.0	4.0
FS-PT/PC/PS-266	2.66	14.0	50.0	4.0
FS-PT/PC/PS-267	2.67	14.0	50.0	4.0
FS-PT/PC/PS-268	2.68	14.0	50.0	4.0
FS-PT/PC/PS-269	2.69	14.0	50.0	4.0

- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FS-PT/PC/PS系列/SIZE 3XD



銑刀柄通用型鎢鋼鑽頭

高效 · 精密 · 耐用

Milling Tungsten Steel Drill Bit Shank

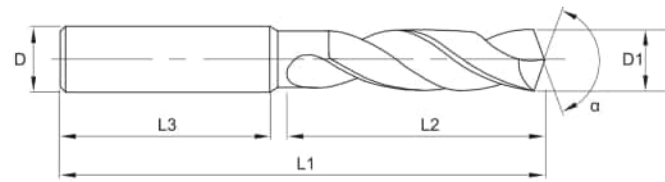
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D2.71-D3.99

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-271	2.71	14.0	50.0	4.0
FS-PT/PC/PS-272	2.72	14.0	50.0	4.0
FS-PT/PC/PS-273	2.73	14.0	50.0	4.0
FS-PT/PC/PS-274	2.74	14.0	50.0	4.0
FS-PT/PC/PS-276	2.76	14.0	50.0	4.0
FS-PT/PC/PS-277	2.77	14.0	50.0	4.0
FS-PT/PC/PS-278	2.78	14.0	50.0	4.0
FS-PT/PC/PS-279	2.79	14.0	50.0	4.0
FS-PT/PC/PS-281	2.81	14.0	50.0	4.0
FS-PT/PC/PS-282	2.82	14.0	50.0	4.0
FS-PT/PC/PS-283	2.83	14.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-284	2.84	14.0	50.0	4.0
FS-PT/PC/PS-286	2.86	14.0	50.0	4.0
FS-PT/PC/PS-287	2.87	14.0	50.0	4.0
FS-PT/PC/PS-288	2.88	14.0	50.0	4.0
FS-PT/PC/PS-289	2.89	14.0	50.0	4.0
FS-PT/PC/PS-291	2.91	14.0	50.0	4.0
FS-PT/PC/PS-292	2.92	14.0	50.0	4.0
FS-PT/PC/PS-293	2.93	14.0	50.0	4.0
FS-PT/PC/PS-294	2.94	14.0	50.0	4.0
FS-PT/PC/PS-296	2.96	14.0	50.0	4.0
FS-PT/PC/PS-297	2.97	14.0	50.0	4.0

- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鍍基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-298	2.98	14.0	50.0	4.0
FS-PT/PC/PS-299	2.99	14.0	50.0	4.0
FS-PT/PC/PS-301	3.01	16.0	50.0	4.0
FS-PT/PC/PS-302	3.02	16.0	50.0	4.0
FS-PT/PC/PS-303	3.03	16.0	50.0	4.0
FS-PT/PC/PS-304	3.04	16.0	50.0	4.0
FS-PT/PC/PS-306	3.06	16.0	50.0	4.0
FS-PT/PC/PS-307	3.07	16.0	50.0	4.0
FS-PT/PC/PS-308	3.08	16.0	50.0	4.0
FS-PT/PC/PS-309	3.09	16.0	50.0	4.0
FS-PT/PC/PS-311	3.11	16.0	50.0	4.0
FS-PT/PC/PS-312	3.12	16.0	50.0	4.0
FS-PT/PC/PS-313	3.13	16.0	50.0	4.0
FS-PT/PC/PS-314	3.14	16.0	50.0	4.0
FS-PT/PC/PS-316	3.16	16.0	50.0	4.0
FS-PT/PC/PS-317	3.17	16.0	50.0	4.0
FS-PT/PC/PS-318	3.18	16.0	50.0	4.0
FS-PT/PC/PS-319	3.19	16.0	50.0	4.0
FS-PT/PC/PS-321	3.21	16.0	50.0	4.0
FS-PT/PC/PS-322	3.22	16.0	50.0	4.0
FS-PT/PC/PS-323	3.23	16.0	50.0	4.0
FS-PT/PC/PS-324	3.24	16.0	50.0	4.0
FS-PT/PC/PS-326	3.26	16.0	50.0	4.0
FS-PT/PC/PS-327	3.27	16.0	50.0	4.0
FS-PT/PC/PS-328	3.28	16.0	50.0	4.0
FS-PT/PC/PS-329	3.29	16.0	50.0	4.0
FS-PT/PC/PS-331	3.31	16.0	50.0	4.0
FS-PT/PC/PS-332	3.32	16.0	50.0	4.0
FS-PT/PC/PS-333	3.33	16.0	50.0	4.0
FS-PT/PC/PS-334	3.34	16.0	50.0	4.0
FS-PT/PC/PS-336	3.36	16.0	50.0	4.0
FS-PT/PC/PS-337	3.37	16.0	50.0	4.0
FS-PT/PC/PS-338	3.38	16.0	50.0	4.0
FS-PT/PC/PS-339	3.39	16.0	50.0	4.0
FS-PT/PC/PS-341	3.41	16.0	50.0	4.0
FS-PT/PC/PS-342	3.42	16.0	50.0	4.0
FS-PT/PC/PS-343	3.43	16.0	50.0	4.0
FS-PT/PC/PS-344	3.44	16.0	50.0	4.0
FS-PT/PC/PS-346	3.46	16.0	50.0	4.0
FS-PT/PC/PS-347	3.47	16.0	50.0	4.0
FS-PT/PC/PS-348	3.48	16.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-PT/PC/PS-349	3.49	16.0	50.0	4.0
FS-PT/PC/PS-351	3.51	16.0	50.0	4.0
FS-PT/PC/PS-352	3.52	16.0	50.0	4.0
FS-PT/PC/PS-353	3.53	16.0	50.0	4.0
FS-PT/PC/PS-354	3.54	16.0	50.0	4.0
FS-PT/PC/PS-356	3.56	16.0	50.0	4.0
FS-PT/PC/PS-357	3.57	16.0	50.0	4.0
FS-PT/PC/PS-358	3.58	16.0	50.0	4.0
FS-PT/PC/PS-359	3.59	16.0	50.0	4.0
FS-PT/PC/PS-361	3.61	18.0	50.0	4.0
FS-PT/PC/PS-362	3.62	18.0	50.0	4.0
FS-PT/PC/PS-363	3.63	18.0	50.0	4.0
FS-PT/PC/PS-364	3.64	18.0	50.0	4.0
FS-PT/PC/PS-366	3.66	18.0	50.0	4.0
FS-PT/PC/PS-367	3.67	18.0	50.0	4.0
FS-PT/PC/PS-368	3.68	18.0	50.0	4.0
FS-PT/PC/PS-369	3.69	18.0	50.0	4.0
FS-PT/PC/PS-371	3.71	18.0	50.0	4.0
FS-PT/PC/PS-372	3.72	18.0	50.0	4.0
FS-PT/PC/PS-373	3.73	18.0	50.0	4.0
FS-PT/PC/PS-374	3.74	18.0	50.0	4.0
FS-PT/PC/PS-376	3.76	18.0	50.0	4.0
FS-PT/PC/PS-377	3.77	18.0	50.0	4.0
FS-PT/PC/PS-378	3.78	18.0	50.0	4.0
FS-PT/PC/PS-379	3.79	18.0	50.0	4.0
FS-PT/PC/PS-381	3.81	18.0	50.0	4.0
FS-PT/PC/PS-382	3.82	18.0	50.0	4.0
FS-PT/PC/PS-383	3.83	18.0	50.0	4.0
FS-PT/PC/PS-384	3.84	18.0	50.0	4.0
FS-PT/PC/PS-386	3.86	18.0	50.0	4.0
FS-PT/PC/PS-387	3.87	18.0	50.0	4.0
FS-PT/PC/PS-388	3.88	18.0	50.0	4.0
FS-PT/PC/PS-389	3.89	18.0	50.0	4.0
FS-PT/PC/PS-391	3.91	18.0	50.0	4.0
FS-PT/PC/PS-392	3.92	18.0	50.0	4.0
FS-PT/PC/PS-393	3.93	18.0	50.0	4.0
FS-PT/PC/PS-394	3.94	18.0	50.0	4.0
FS-PT/PC/PS-396	3.96	18.0	50.0	4.0
FS-PT/PC/PS-397	3.97	18.0	50.0	4.0
FS-PT/PC/PS-398	3.98	18.0	50.0	4.0
FS-PT/PC/PS-399	3.99	18.0	50.0	4.0

- ◎ PT-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ PT-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ PC-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ PC-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ PS-通用切削材質: 不銹鋼、鈦合金、鍍基合金、高溫合金專用
- ◎ PS-Applicable materials: Milling shank standard tungsten steel drill

HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄通用型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

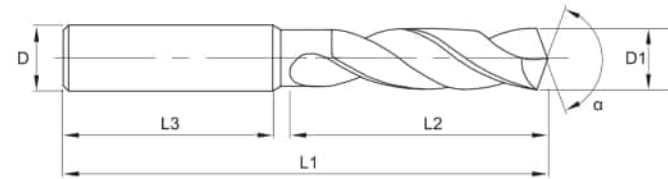
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D0.2-D4.0

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-020	0.2	2.0	50.0	4.0
HB-XA/XG/XS-030	0.3	4.0	50.0	4.0
HB-XA/XG/XS-040	0.4	4.5	50.0	4.0
HB-XA/XG/XS-050	0.5	5.0	50.0	4.0
HB-XA/XG/XS-060	0.6	6.0	50.0	4.0
HB-XA/XG/XS-070	0.7	6.0	50.0	4.0
HB-XA/XG/XS-080	0.8	6.0	50.0	4.0
HB-XA/XG/XS-090	0.9	6.0	50.0	4.0
HB-XA/XG/XS-100	1.0	8.0	50.0	4.0
HB-XA/XG/XS-110	1.1	8.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-025	0.25	2.0	50.0	4.0
HB-XA/XG/XS-035	0.35	4.0	50.0	4.0
HB-XA/XG/XS-045	0.45	4.5	50.0	4.0
HB-XA/XG/XS-055	0.55	5.0	50.0	4.0
HB-XA/XG/XS-065	0.65	6.0	50.0	4.0
HB-XA/XG/XS-075	0.75	6.0	50.0	4.0
HB-XA/XG/XS-085	0.85	6.0	50.0	4.0
HB-XA/XG/XS-095	0.95	6.0	50.0	4.0
HB-XA/XG/XS-105	1.05	8.0	50.0	4.0
HB-XA/XG/XS-115	1.15	8.0	50.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-120	1.2	8.0	50.0	4.0
HB-XA/XG/XS-130	1.3	8.0	50.0	4.0
HB-XA/XG/XS-140	1.4	9.0	50.0	4.0
HB-XA/XG/XS-150	1.5	9.0	50.0	4.0
HB-XA/XG/XS-160	1.6	10.0	50.0	4.0
HB-XA/XG/XS-170	1.7	10.0	50.0	4.0
HB-XA/XG/XS-180	1.8	12.0	50.0	4.0
HB-XA/XG/XS-190	1.9	12.0	50.0	4.0
HB-XA/XG/XS-200	2.0	12.0	50.0	4.0
HB-XA/XG/XS-210	2.1	12.0	50.0	4.0
HB-XA/XG/XS-220	2.2	13.0	50.0	4.0
HB-XA/XG/XS-230	2.3	13.0	50.0	4.0
HB-XA/XG/XS-240	2.4	14.0	50.0	4.0
HB-XA/XG/XS-250	2.5	14.0	50.0	4.0
HB-XA/XG/XS-260	2.6	14.0	50.0	4.0
HB-XA/XG/XS-270	2.7	16.0	50.0	4.0
HB-XA/XG/XS-280	2.8	16.0	50.0	4.0
HB-XA/XG/XS-290	2.9	16.0	50.0	4.0
HB-XA/XG/XS-300	3.0	16.0	50.0	4.0
HB-XA/XG/XS-310	3.1	20.0	52.0	4.0
HB-XA/XG/XS-320	3.2	20.0	52.0	4.0
HB-XA/XG/XS-330	3.3	20.0	52.0	4.0
HB-XA/XG/XS-340	3.4	20.0	52.0	4.0
HB-XA/XG/XS-350	3.5	20.0	52.0	4.0
HB-XA/XG/XS-360	3.6	23.0	55.0	4.0
HB-XA/XG/XS-370	3.7	23.0	55.0	4.0
HB-XA/XG/XS-380	3.8	23.0	55.0	4.0
HB-XA/XG/XS-390	3.9	23.0	55.0	4.0
HB-XA/XG/XS-400	4.0	23.0	55.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-125	1.25	8.0	50.0	4.0
HB-XA/XG/XS-135	1.35	8.0	50.0	4.0
HB-XA/XG/XS-145	1.45	9.0	50.0	4.0
HB-XA/XG/XS-155	1.55	9.0	50.0	4.0
HB-XA/XG/XS-165	1.65	10.0	50.0	4.0
HB-XA/XG/XS-175	1.75	10.0	50.0	4.0
HB-XA/XG/XS-185	1.85	12.0	50.0	4.0
HB-XA/XG/XS-195	1.95	12.0	50.0	4.0
HB-XA/XG/XS-205	2.05	12.0	50.0	4.0
HB-XA/XG/XS-215	2.15	12.0	50.0	4.0
HB-XA/XG/XS-225	2.25	13.0	50.0	4.0
HB-XA/XG/XS-235	2.35	13.0	50.0	4.0
HB-XA/XG/XS-245	2.45	14.0	50.0	4.0
HB-XA/XG/XS-255	2.55	14.0	50.0	4.0
HB-XA/XG/XS-265	2.65	14.0	50.0	4.0
HB-XA/XG/XS-275	2.75	16.0	50.0	4.0
HB-XA/XG/XS-285	2.85	16.0	50.0	4.0
HB-XA/XG/XS-295	2.95	16.0	50.0	4.0
HB-XA/XG/XS-305	3.05	20.0	52.0	4.0
HB-XA/XG/XS-315	3.15	20.0	52.0	4.0
HB-XA/XG/XS-325	3.25	20.0	52.0	4.0
HB-XA/XG/XS-335	3.35	20.0	52.0	4.0
HB-XA/XG/XS-345	3.45	20.0	52.0	4.0
HB-XA/XG/XS-355	3.55	23.0	55.0	4.0
HB-XA/XG/XS-365	3.65	23.0	55.0	4.0
HB-XA/XG/XS-375	3.75	23.0	55.0	4.0
HB-XA/XG/XS-385	3.85	23.0	55.0	4.0
HB-XA/XG/XS-395	3.95	23.0	55.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS Applicable materials: Milling shank standard tungsten steel drill

HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄通用型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

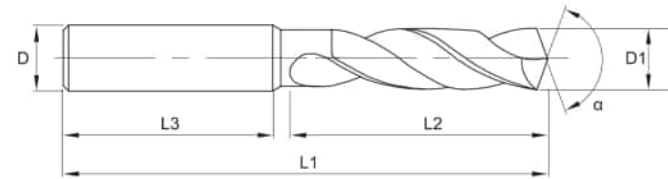
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D4.05-D8.0

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-410	4.1	26.0	60.0	5.0
HB-XA/XG/XS-420	4.2	26.0	60.0	5.0
HB-XA/XG/XS-430	4.3	26.0	60.0	5.0
HB-XA/XG/XS-440	4.4	26.0	60.0	5.0
HB-XA/XG/XS-450	4.5	26.0	60.0	5.0
HB-XA/XG/XS-460	4.6	28.0	60.0	5.0
HB-XA/XG/XS-470	4.7	28.0	60.0	5.0
HB-XA/XG/XS-480	4.8	28.0	60.0	5.0
HB-XA/XG/XS-490	4.9	28.0	60.0	5.0
HB-XA/XG/XS-500	5.0	28.0	60.0	5.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-405	4.05	26.0	60.0	5.0
HB-XA/XG/XS-415	4.15	26.0	60.0	5.0
HB-XA/XG/XS-425	4.25	26.0	60.0	5.0
HB-XA/XG/XS-435	4.35	26.0	60.0	5.0
HB-XA/XG/XS-445	4.45	26.0	60.0	5.0
HB-XA/XG/XS-455	4.55	26.0	60.0	5.0
HB-XA/XG/XS-465	4.65	28.0	60.0	5.0
HB-XA/XG/XS-475	4.75	28.0	60.0	5.0
HB-XA/XG/XS-485	4.85	28.0	60.0	5.0
HB-XA/XG/XS-495	4.95	28.0	60.0	5.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS 適用切削材質: 不銹鋼、鈦合金、鎢基合金、高溫合金專用
- ◎ XS Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-510	5.1	30.0	65.0	6.0
HB-XA/XG/XS-520	5.2	30.0	65.0	6.0
HB-XA/XG/XS-530	5.3	30.0	65.0	6.0
HB-XA/XG/XS-540	5.4	30.0	65.0	6.0
HB-XA/XG/XS-550	5.5	30.0	65.0	6.0
HB-XA/XG/XS-560	5.6	32.0	65.0	6.0
HB-XA/XG/XS-570	5.7	32.0	65.0	6.0
HB-XA/XG/XS-580	5.8	32.0	65.0	6.0
HB-XA/XG/XS-590	5.9	32.0	65.0	6.0
HB-XA/XG/XS-600	6.0	32.0	65.0	6.0
HB-XA/XG/XS-610	6.1	38.0	75.0	7.0
HB-XA/XG/XS-620	6.2	38.0	75.0	7.0
HB-XA/XG/XS-630	6.3	38.0	75.0	7.0
HB-XA/XG/XS-640	6.4	38.0	75.0	7.0
HB-XA/XG/XS-650	6.5	38.0	75.0	7.0
HB-XA/XG/XS-660	6.6	42.0	80.0	7.0
HB-XA/XG/XS-670	6.7	42.0	80.0	7.0
HB-XA/XG/XS-680	6.8	42.0	80.0	7.0
HB-XA/XG/XS-690	6.9	42.0	80.0	7.0
HB-XA/XG/XS-700	7.0	42.0	80.0	7.0
HB-XA/XG/XS-710	7.1	53.0	91.0	8.0
HB-XA/XG/XS-720	7.2	53.0	91.0	8.0
HB-XA/XG/XS-730	7.3	53.0	91.0	8.0
HB-XA/XG/XS-740	7.4	53.0	91.0	8.0
HB-XA/XG/XS-750	7.5	53.0	91.0	8.0
HB-XA/XG/XS-760	7.6	53.0	91.0	8.0
HB-XA/XG/XS-770	7.7	53.0	91.0	8.0
HB-XA/XG/XS-780	7.8	53.0	91.0	8.0
HB-XA/XG/XS-790	7.9	53.0	91.0	8.0
HB-XA/XG/XS-800	8.0	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-505	5.05	30.0	65.0	6.0
HB-XA/XG/XS-515	5.15	30.0	65.0	6.0
HB-XA/XG/XS-525	5.25	30.0	65.0	6.0
HB-XA/XG/XS-535	5.35	30.0	65.0	6.0
HB-XA/XG/XS-545	5.45	30.0	65.0	6.0
HB-XA/XG/XS-555	5.55	30.0	65.0	6.0
HB-XA/XG/XS-565	5.65	32.0	65.0	6.0
HB-XA/XG/XS-575	5.75	32.0	65.0	6.0
HB-XA/XG/XS-585	5.85	32.0	65.0	6.0
HB-XA/XG/XS-595	5.95	32.0	65.0	6.0
HB-XA/XG/XS-605	6.05	36.0	75.0	7.0
HB-XA/XG/XS-615	6.15	36.0	75.0	7.0
HB-XA/XG/XS-625	6.25	36.0	75.0	7.0
HB-XA/XG/XS-635	6.35	36.0	75.0	7.0
HB-XA/XG/XS-645	6.45	36.0	75.0	7.0
HB-XA/XG/XS-655	6.55	42.0	80.0	7.0
HB-XA/XG/XS-665	6.65	42.0	80.0	7.0
HB-XA/XG/XS-675	6.75	42.0	80.0	7.0
HB-XA/XG/XS-685	6.85	42.0	80.0	7.0
HB-XA/XG/XS-695	6.95	42.0	80.0	7.0
HB-XA/XG/XS-705	7.05	53.0	91.0	8.0
HB-XA/XG/XS-715	7.15	53.0	91.0	8.0
HB-XA/XG/XS-725	7.25	53.0	91.0	8.0
HB-XA/XG/XS-735	7.35	53.0	91.0	8.0
HB-XA/XG/XS-745	7.45	53.0	91.0	8.0
HB-XA/XG/XS-755	7.55	53.0	91.0	8.0
HB-XA/XG/XS-765	7.65	53.0	91.0	8.0
HB-XA/XG/XS-775	7.75	53.0	91.0	8.0
HB-XA/XG/XS-785	7.85	53.0	91.0	8.0
HB-XA/XG/XS-795	7.95	53.0	91.0	8.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS 適用切削材質: 不銹鋼、鈦合金、鎢基合金、高溫合金專用
- ◎ XS Applicable materials: Milling shank standard tungsten steel drill

HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄通用型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

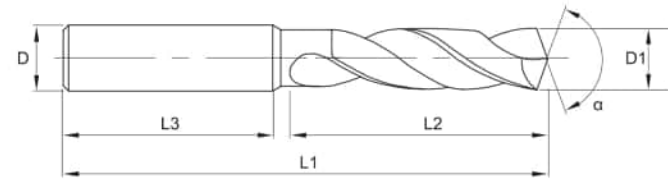
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D8.05-D12.0

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-810	8.1	61.0	103.0	9.0
HB-XA/XG/XS-820	8.2	61.0	103.0	9.0
HB-XA/XG/XS-830	8.3	61.0	103.0	9.0
HB-XA/XG/XS-840	8.4	61.0	103.0	9.0
HB-XA/XG/XS-850	8.5	61.0	103.0	9.0
HB-XA/XG/XS-860	8.6	61.0	103.0	9.0
HB-XA/XG/XS-870	8.7	61.0	103.0	9.0
HB-XA/XG/XS-880	8.8	61.0	103.0	9.0
HB-XA/XG/XS-890	8.9	61.0	103.0	9.0
HB-XA/XG/XS-900	9.0	61.0	103.0	9.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-805	8.05	61.0	103.0	10.0
HB-XA/XG/XS-815	8.15	61.0	103.0	10.0
HB-XA/XG/XS-825	8.25	61.0	103.0	10.0
HB-XA/XG/XS-835	8.35	61.0	103.0	10.0
HB-XA/XG/XS-845	8.45	61.0	103.0	10.0
HB-XA/XG/XS-855	8.55	61.0	103.0	10.0
HB-XA/XG/XS-865	8.65	61.0	103.0	10.0
HB-XA/XG/XS-875	8.75	61.0	103.0	10.0
HB-XA/XG/XS-885	8.85	61.0	103.0	10.0
HB-XA/XG/XS-895	8.95	61.0	103.0	10.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-910	9.1	61.0	103.0	10.0
HB-XA/XG/XS-920	9.2	61.0	103.0	10.0
HB-XA/XG/XS-930	9.3	61.0	103.0	10.0
HB-XA/XG/XS-940	9.4	61.0	103.0	10.0
HB-XA/XG/XS-950	9.5	61.0	103.0	10.0
HB-XA/XG/XS-960	9.6	61.0	103.0	10.0
HB-XA/XG/XS-970	9.7	61.0	103.0	10.0
HB-XA/XG/XS-980	9.8	61.0	103.0	10.0
HB-XA/XG/XS-990	9.9	61.0	103.0	10.0
HB-XA/XG/XS-1000	10.0	61.0	103.0	10.0
HB-XA/XG/XS-1010	10.1	71.0	118.0	11.0
HB-XA/XG/XS-1020	10.2	71.0	118.0	11.0
HB-XA/XG/XS-1030	10.3	71.0	118.0	11.0
HB-XA/XG/XS-1040	10.4	71.0	118.0	11.0
HB-XA/XG/XS-1050	10.5	71.0	118.0	11.0
HB-XA/XG/XS-1060	10.6	71.0	118.0	11.0
HB-XA/XG/XS-1070	10.7	71.0	118.0	11.0
HB-XA/XG/XS-1080	10.8	71.0	118.0	11.0
HB-XA/XG/XS-1090	10.9	71.0	118.0	11.0
HB-XA/XG/XS-1100	11.0	71.0	118.0	11.0
HB-XA/XG/XS-1110	11.1	71.0	118.0	12.0
HB-XA/XG/XS-1120	11.2	71.0	118.0	12.0
HB-XA/XG/XS-1130	11.3	71.0	118.0	12.0
HB-XA/XG/XS-1140	11.4	71.0	118.0	12.0
HB-XA/XG/XS-1150	11.5	71.0	118.0	12.0
HB-XA/XG/XS-1160	11.6	71.0	118.0	12.0
HB-XA/XG/XS-1170	11.7	71.0	118.0	12.0
HB-XA/XG/XS-1180	11.8	71.0	118.0	12.0
HB-XA/XG/XS-1190	11.9	71.0	118.0	12.0
HB-XA/XG/XS-1200	12.0	71.0	118.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-905	9.05	61.0	103.0	10.0
HB-XA/XG/XS-915	9.15	61.0	103.0	10.0
HB-XA/XG/XS-925	9.25	61.0	103.0	10.0
HB-XA/XG/XS-935	9.35	61.0	103.0	10.0
HB-XA/XG/XS-945	9.45	61.0	103.0	10.0
HB-XA/XG/XS-955	9.55	61.0	103.0	10.0
HB-XA/XG/XS-965	9.65	61.0	103.0	10.0
HB-XA/XG/XS-975	9.75	61.0	103.0	10.0
HB-XA/XG/XS-985	9.85	61.0	103.0	10.0
HB-XA/XG/XS-995	9.95	61.0	103.0	10.0
HB-XA/XG/XS-1005	10.05	71.0	118.0	11.0
HB-XA/XG/XS-1015	10.15	71.0	118.0	11.0
HB-XA/XG/XS-1025	10.25	71.0	118.0	11.0
HB-XA/XG/XS-1035	10.35	71.0	118.0	11.0
HB-XA/XG/XS-1045	10.45	71.0	118.0	11.0
HB-XA/XG/XS-1055	10.55	71.0	118.0	11.0
HB-XA/XG/XS-1065	10.65	71.0	118.0	11.0
HB-XA/XG/XS-1075	10.75	71.0	118.0	11.0
HB-XA/XG/XS-1085	10.85	71.0	118.0	11.0
HB-XA/XG/XS-1095	10.95	71.0	118.0	11.0
HB-XA/XG/XS-1105	11.05	71.0	118.0	12.0
HB-XA/XG/XS-1115	11.15	71.0	118.0	12.0
HB-XA/XG/XS-1125	11.25	71.0	118.0	12.0
HB-XA/XG/XS-1135	11.35	71.0	118.0	12.0
HB-XA/XG/XS-1145	11.45	71.0	118.0	12.0
HB-XA/XG/XS-1155	11.55	71.0	118.0	12.0
HB-XA/XG/XS-1165	11.65	71.0	118.0	12.0
HB-XA/XG/XS-1175	11.75	71.0	118.0	12.0
HB-XA/XG/XS-1185	11.85	71.0	118.0	12.0
HB-XA/XG/XS-1195	11.95	71.0	118.0	12.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS Applicable materials: Milling shank standard tungsten steel drill

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄非標鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效 · 精密 · 耐用

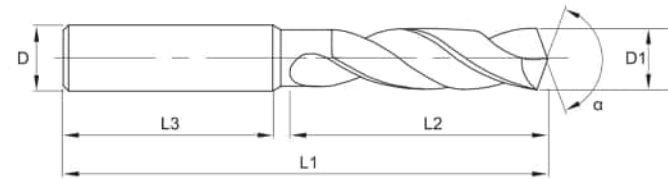
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D0.21-D1.09

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-021	0.21	3.0	50.0	4.0
HB-XA/XG/XS-022	0.22	3.0	50.0	4.0
HB-XA/XG/XS-023	0.23	3.0	50.0	4.0
HB-XA/XG/XS-024	0.24	3.0	50.0	4.0
HB-XA/XG/XS-026	0.26	3.5	50.0	4.0
HB-XA/XG/XS-027	0.27	3.5	50.0	4.0
HB-XA/XG/XS-028	0.28	3.5	50.0	4.0
HB-XA/XG/XS-029	0.29	3.5	50.0	4.0
HB-XA/XG/XS-031	0.31	4.0	50.0	4.0
HB-XA/XG/XS-032	0.32	4.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-033	0.33	4.0	50.0	4.0
HB-XA/XG/XS-034	0.34	4.0	50.0	4.0
HB-XA/XG/XS-036	0.36	4.5	50.0	4.0
HB-XA/XG/XS-038	0.37	4.5	50.0	4.0
HB-XA/XG/XS-040	0.38	4.5	50.0	4.0
HB-XA/XG/XS-039	0.39	4.5	50.0	4.0
HB-XA/XG/XS-041	0.41	5.0	50.0	4.0
HB-XA/XG/XS-042	0.42	5.0	50.0	4.0
HB-XA/XG/XS-043	0.43	5.0	50.0	4.0
HB-XA/XG/XS-044	0.44	5.0	50.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-046	0.46	5.0	50.0	4.0
HB-XA/XG/XS-047	0.47	5.0	50.0	4.0
HB-XA/XG/XS-048	0.48	5.0	50.0	4.0
HB-XA/XG/XS-049	0.49	5.0	50.0	4.0
HB-XA/XG/XS-051	0.51	5.0	50.0	4.0
HB-XA/XG/XS-052	0.52	5.0	50.0	4.0
HB-XA/XG/XS-053	0.53	5.0	50.0	4.0
HB-XA/XG/XS-054	0.54	5.0	50.0	4.0
HB-XA/XG/XS-056	0.56	5.0	50.0	4.0
HB-XA/XG/XS-057	0.57	5.0	50.0	4.0
HB-XA/XG/XS-058	0.58	5.0	50.0	4.0
HB-XA/XG/XS-059	0.59	5.0	50.0	4.0
HB-XA/XG/XS-061	0.61	6.0	50.0	4.0
HB-XA/XG/XS-062	0.62	6.0	50.0	4.0
HB-XA/XG/XS-063	0.63	6.0	50.0	4.0
HB-XA/XG/XS-064	0.64	6.0	50.0	4.0
HB-XA/XG/XS-066	0.66	6.0	50.0	4.0
HB-XA/XG/XS-067	0.67	6.0	50.0	4.0
HB-XA/XG/XS-068	0.68	6.0	50.0	4.0
HB-XA/XG/XS-069	0.69	6.0	50.0	4.0
HB-XA/XG/XS-071	0.71	6.0	50.0	4.0
HB-XA/XG/XS-072	0.72	6.0	50.0	4.0
HB-XA/XG/XS-073	0.73	6.0	50.0	4.0
HB-XA/XG/XS-074	0.74	6.0	50.0	4.0
HB-XA/XG/XS-076	0.76	6.0	50.0	4.0
HB-XA/XG/XS-077	0.77	6.0	50.0	4.0
HB-XA/XG/XS-078	0.78	6.0	50.0	4.0
HB-XA/XG/XS-079	0.79	6.0	50.0	4.0
HB-XA/XG/XS-081	0.81	6.0	50.0	4.0
HB-XA/XG/XS-082	0.82	6.0	50.0	4.0
HB-XA/XG/XS-083	0.83	6.0	50.0	4.0
HB-XA/XG/XS-083	0.84	6.0	50.0	4.0
HB-XA/XG/XS-086	0.86	6.0	50.0	4.0
HB-XA/XG/XS-087	0.87	6.0	50.0	4.0
HB-XA/XG/XS-088	0.88	6.0	50.0	4.0
HB-XA/XG/XS-089	0.89	6.0	50.0	4.0
HB-XA/XG/XS-091	0.91	6.0	50.0	4.0
HB-XA/XG/XS-092	0.92	6.0	50.0	4.0
HB-XA/XG/XS-093	0.93	6.0	50.0	4.0
HB-XA/XG/XS-094	0.94	6.0	50.0	4.0
HB-XA/XG/XS-096	0.96	6.0	50.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-097	0.97	6.0	50.0	4.0
HB-XA/XG/XS-098	0.98	6.0	50.0	4.0
HB-XA/XG/XS-099	0.99	6.0	50.0	4.0
HB-XA/XG/XS-101	1.01	8.0	50.0	4.0
HB-XA/XG/XS-102	1.02	8.0	50.0	4.0
HB-XA/XG/XS-103	1.03	8.0	50.0	4.0
HB-XA/XG/XS-104	1.04	8.0	50.0	4.0
HB-XA/XG/XS-106	1.06	8.0	50.0	4.0
HB-XA/XG/XS-107	1.07	8.0	50.0	4.0
HB-XA/XG/XS-108	1.08	8.0	50.0	4.0
HB-XA/XG/XS-109	1.09	8.0	50.0	4.0



國標刀具
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Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄非標鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效 · 精密 · 耐用

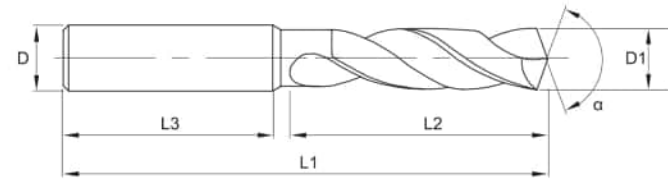
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D1.11-D1.99

規格間距: 0.01 mm



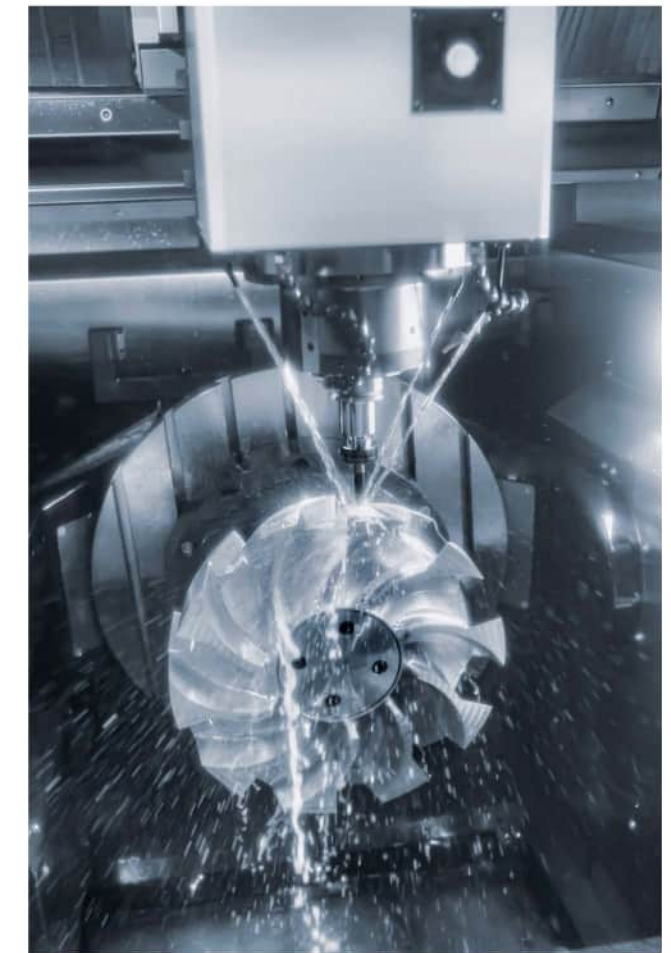
訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-111	1.11	8.0	50.0	4.0
HB-XA/XG/XS-112	1.12	8.0	50.0	4.0
HB-XA/XG/XS-113	1.13	8.0	50.0	4.0
HB-XA/XG/XS-114	1.14	8.0	50.0	4.0
HB-XA/XG/XS-116	1.16	8.0	50.0	4.0
HB-XA/XG/XS-117	1.17	8.0	50.0	4.0
HB-XA/XG/XS-118	1.18	8.0	50.0	4.0
HB-XA/XG/XS-119	1.19	8.0	50.0	4.0
HB-XA/XG/XS-121	1.21	8.0	50.0	4.0
HB-XA/XG/XS-122	1.22	8.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-123	1.23	8.0	50.0	4.0
HB-XA/XG/XS-124	1.24	8.0	50.0	4.0
HB-XA/XG/XS-126	1.26	8.0	50.0	4.0
HB-XA/XG/XS-127	1.27	8.0	50.0	4.0
HB-XA/XG/XS-128	1.28	8.0	50.0	4.0
HB-XA/XG/XS-129	1.29	8.0	50.0	4.0
HB-XA/XG/XS-131	1.31	8.0	50.0	4.0
HB-XA/XG/XS-132	1.32	8.0	50.0	4.0
HB-XA/XG/XS-133	1.33	8.0	50.0	4.0
HB-XA/XG/XS-134	1.34	8.0	50.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-135	1.36	8.0	50.0	4.0
HB-XA/XG/XS-137	1.37	8.0	50.0	4.0
HB-XA/XG/XS-138	1.38	8.0	50.0	4.0
HB-XA/XG/XS-139	1.39	8.0	50.0	4.0
HB-XA/XG/XS-141	1.41	9.0	50.0	4.0
HB-XA/XG/XS-142	1.42	9.0	50.0	4.0
HB-XA/XG/XS-143	1.43	9.0	50.0	4.0
HB-XA/XG/XS-144	1.44	9.0	50.0	4.0
HB-XA/XG/XS-146	1.46	9.0	50.0	4.0
HB-XA/XG/XS-147	1.47	9.0	50.0	4.0
HB-XA/XG/XS-148	1.48	9.0	50.0	4.0
HB-XA/XG/XS-149	1.49	9.0	50.0	4.0
HB-XA/XG/XS-151	1.51	9.0	50.0	4.0
HB-XA/XG/XS-152	1.52	9.0	50.0	4.0
HB-XA/XG/XS-153	1.53	9.0	50.0	4.0
HB-XA/XG/XS-154	1.54	9.0	50.0	4.0
HB-XA/XG/XS-156	1.56	9.0	50.0	4.0
HB-XA/XG/XS-157	1.57	9.0	50.0	4.0
HB-XA/XG/XS-158	1.58	9.0	50.0	4.0
HB-XA/XG/XS-159	1.59	9.0	50.0	4.0
HB-XA/XG/XS-161	1.61	10.0	50.0	4.0
HB-XA/XG/XS-162	1.62	10.0	50.0	4.0
HB-XA/XG/XS-163	1.63	10.0	50.0	4.0
HB-XA/XG/XS-164	1.64	10.0	50.0	4.0
HB-XA/XG/XS-166	1.66	10.0	50.0	4.0
HB-XA/XG/XS-167	1.67	10.0	50.0	4.0
HB-XA/XG/XS-168	1.68	10.0	50.0	4.0
HB-XA/XG/XS-169	1.69	10.0	50.0	4.0
HB-XA/XG/XS-171	1.71	10.0	50.0	4.0
HB-XA/XG/XS-172	1.72	10.0	50.0	4.0
HB-XA/XG/XS-173	1.73	10.0	50.0	4.0
HB-XA/XG/XS-174	1.74	10.0	50.0	4.0
HB-XA/XG/XS-176	1.76	10.0	50.0	4.0
HB-XA/XG/XS-177	1.77	10.0	50.0	4.0
HB-XA/XG/XS-178	1.78	10.0	50.0	4.0
HB-XA/XG/XS-179	1.79	10.0	50.0	4.0
HB-XA/XG/XS-181	1.81	12.0	50.0	4.0
HB-XA/XG/XS-182	1.82	12.0	50.0	4.0
HB-XA/XG/XS-183	1.83	12.0	50.0	4.0
HB-XA/XG/XS-184	1.84	12.0	50.0	4.0
HB-XA/XG/XS-186	1.86	12.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-187	1.87	12.0	50.0	4.0
HB-XA/XG/XS-188	1.88	12.0	50.0	4.0
HB-XA/XG/XS-189	1.89	12.0	50.0	4.0
HB-XA/XG/XS-191	1.91	12.0	50.0	4.0
HB-XA/XG/XS-192	1.92	12.0	50.0	4.0
HB-XA/XG/XS-193	1.93	12.0	50.0	4.0
HB-XA/XG/XS-194	1.94	12.0	50.0	4.0
HB-XA/XG/XS-196	1.96	12.0	50.0	4.0
HB-XA/XG/XS-197	1.97	12.0	50.0	4.0
HB-XA/XG/XS-198	1.98	12.0	50.0	4.0
HB-XA/XG/XS-199	1.99	12.0	50.0	4.0



- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄非標鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

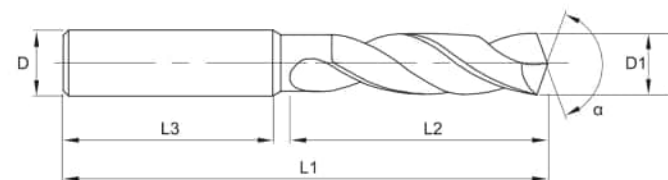
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國標通用標準

規格區間: D2.01-D3.09

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-201	2.01	12.0	50.0	4.0
HB-XA/XG/XS-202	2.02	12.0	50.0	4.0
HB-XA/XG/XS-203	2.03	12.0	50.0	4.0
HB-XA/XG/XS-204	2.04	12.0	50.0	4.0
HB-XA/XG/XS-206	2.06	12.0	50.0	4.0
HB-XA/XG/XS-207	2.07	12.0	50.0	4.0
HB-XA/XG/XS-208	2.08	12.0	50.0	4.0
HB-XA/XG/XS-209	2.09	12.0	50.0	4.0
HB-XA/XG/XS-211	2.11	12.0	50.0	4.0
HB-XA/XG/XS-212	2.12	12.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-213	2.13	12.0	50.0	4.0
HB-XA/XG/XS-214	2.14	12.0	50.0	4.0
HB-XA/XG/XS-216	2.16	12.0	50.0	4.0
HB-XA/XG/XS-217	2.17	12.0	50.0	4.0
HB-XA/XG/XS-218	2.18	12.0	50.0	4.0
HB-XA/XG/XS-219	2.19	12.0	50.0	4.0
HB-XA/XG/XS-221	2.21	13.0	50.0	4.0
HB-XA/XG/XS-222	2.22	13.0	50.0	4.0
HB-XA/XG/XS-223	2.23	13.0	50.0	4.0
HB-XA/XG/XS-224	2.24	13.0	50.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-225	2.26	13.0	50.0	4.0
HB-XA/XG/XS-227	2.27	13.0	50.0	4.0
HB-XA/XG/XS-228	2.28	13.0	50.0	4.0
HB-XA/XG/XS-229	2.29	13.0	50.0	4.0
HB-XA/XG/XS-231	2.31	13.0	50.0	4.0
HB-XA/XG/XS-232	2.32	13.0	50.0	4.0
HB-XA/XG/XS-233	2.33	13.0	50.0	4.0
HB-XA/XG/XS-234	2.34	13.0	50.0	4.0
HB-XA/XG/XS-236	2.36	13.0	50.0	4.0
HB-XA/XG/XS-237	2.37	13.0	50.0	4.0
HB-XA/XG/XS-238	2.38	13.0	50.0	4.0
HB-XA/XG/XS-239	2.39	13.0	50.0	4.0
HB-XA/XG/XS-241	2.41	14.0	50.0	4.0
HB-XA/XG/XS-242	2.42	14.0	50.0	4.0
HB-XA/XG/XS-243	2.43	14.0	50.0	4.0
HB-XA/XG/XS-244	2.44	14.0	50.0	4.0
HB-XA/XG/XS-246	2.46	14.0	50.0	4.0
HB-XA/XG/XS-247	2.47	14.0	50.0	4.0
HB-XA/XG/XS-248	2.48	14.0	50.0	4.0
HB-XA/XG/XS-249	2.49	14.0	50.0	4.0
HB-XA/XG/XS-251	2.51	14.0	50.0	4.0
HB-XA/XG/XS-252	2.52	14.0	50.0	4.0
HB-XA/XG/XS-253	2.53	14.0	50.0	4.0
HB-XA/XG/XS-254	2.54	14.0	50.0	4.0
HB-XA/XG/XS-256	2.56	14.0	50.0	4.0
HB-XA/XG/XS-257	2.57	14.0	50.0	4.0
HB-XA/XG/XS-258	2.58	14.0	50.0	4.0
HB-XA/XG/XS-259	2.59	14.0	50.0	4.0
HB-XA/XG/XS-261	2.61	14.0	50.0	4.0
HB-XA/XG/XS-262	2.62	14.0	50.0	4.0
HB-XA/XG/XS-263	2.63	14.0	50.0	4.0
HB-XA/XG/XS-264	2.64	14.0	50.0	4.0
HB-XA/XG/XS-266	2.66	14.0	50.0	4.0
HB-XA/XG/XS-267	2.67	14.0	50.0	4.0
HB-XA/XG/XS-268	2.68	14.0	50.0	4.0
HB-XA/XG/XS-269	2.69	14.0	50.0	4.0
HB-XA/XG/XS-271	2.71	16.0	50.0	4.0
HB-XA/XG/XS-272	2.72	16.0	50.0	4.0
HB-XA/XG/XS-273	2.73	16.0	50.0	4.0
HB-XA/XG/XS-274	2.74	16.0	50.0	4.0
HB-XA/XG/XS-276	2.76	16.0	50.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-277	2.77	16.0	50.0	4.0
HB-XA/XG/XS-278	2.78	16.0	50.0	4.0
HB-XA/XG/XS-279	2.79	16.0	50.0	4.0
HB-XA/XG/XS-281	2.81	16.0	50.0	4.0
HB-XA/XG/XS-282	2.82	16.0	50.0	4.0
HB-XA/XG/XS-283	2.83	16.0	50.0	4.0
HB-XA/XG/XS-284	2.84	16.0	50.0	4.0
HB-XA/XG/XS-286	2.86	16.0	50.0	4.0
HB-XA/XG/XS-287	2.87	16.0	50.0	4.0
HB-XA/XG/XS-288	2.88	16.0	50.0	4.0
HB-XA/XG/XS-289	2.89	16.0	50.0	4.0
HB-XA/XG/XS-291	2.91	16.0	50.0	4.0
HB-XA/XG/XS-292	2.92	16.0	50.0	4.0
HB-XA/XG/XS-293	2.93	16.0	50.0	4.0
HB-XA/XG/XS-294	2.94	16.0	50.0	4.0
HB-XA/XG/XS-296	2.96	16.0	50.0	4.0
HB-XA/XG/XS-297	2.97	16.0	50.0	4.0
HB-XA/XG/XS-298	2.98	16.0	50.0	4.0
HB-XA/XG/XS-299	2.99	16.0	50.0	4.0
HB-XA/XG/XS-301	3.01	20.0	52.0	4.0
HB-XA/XG/XS-302	3.02	20.0	52.0	4.0
HB-XA/XG/XS-303	3.03	20.0	52.0	4.0
HB-XA/XG/XS-304	3.04	20.0	52.0	4.0
HB-XA/XG/XS-306	3.06	20.0	52.0	4.0
HB-XA/XG/XS-307	3.07	20.0	52.0	4.0
HB-XA/XG/XS-308	3.08	20.0	52.0	4.0
HB-XA/XG/XS-309	3.09	20.0	52.0	4.0



HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄非標鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

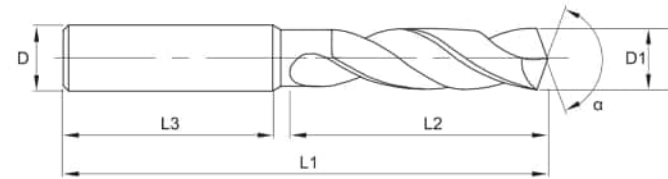
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D3.11-D3.99

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-311	3.11	20.0	52.0	4.0
HB-XA/XG/XS-312	3.12	20.0	52.0	4.0
HB-XA/XG/XS-313	3.13	20.0	52.0	4.0
HB-XA/XG/XS-314	3.14	20.0	52.0	4.0
HB-XA/XG/XS-316	3.16	20.0	52.0	4.0
HB-XA/XG/XS-317	3.17	20.0	52.0	4.0
HB-XA/XG/XS-318	3.18	20.0	52.0	4.0
HB-XA/XG/XS-319	3.19	20.0	52.0	4.0
HB-XA/XG/XS-321	3.21	20.0	52.0	4.0
HB-XA/XG/XS-322	3.22	20.0	52.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-323	3.23	20.0	52.0	4.0
HB-XA/XG/XS-324	3.24	20.0	52.0	4.0
HB-XA/XG/XS-325	3.26	20.0	52.0	4.0
HB-XA/XG/XS-327	3.27	20.0	52.0	4.0
HB-XA/XG/XS-328	3.28	20.0	52.0	4.0
HB-XA/XG/XS-329	3.29	20.0	52.0	4.0
HB-XA/XG/XS-331	3.31	20.0	52.0	4.0
HB-XA/XG/XS-332	3.32	20.0	52.0	4.0
HB-XA/XG/XS-333	3.33	20.0	52.0	4.0
HB-XA/XG/XS-334	3.34	20.0	52.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-336	3.36	20.0	52.0	4.0
HB-XA/XG/XS-337	3.37	20.0	52.0	4.0
HB-XA/XG/XS-338	3.38	20.0	52.0	4.0
HB-XA/XG/XS-339	3.39	20.0	52.0	4.0
HB-XA/XG/XS-341	3.41	20.0	52.0	4.0
HB-XA/XG/XS-342	3.42	20.0	52.0	4.0
HB-XA/XG/XS-343	3.43	20.0	52.0	4.0
HB-XA/XG/XS-344	3.44	20.0	52.0	4.0
HB-XA/XG/XS-346	3.46	20.0	52.0	4.0
HB-XA/XG/XS-347	3.47	20.0	52.0	4.0
HB-XA/XG/XS-348	3.48	20.0	52.0	4.0
HB-XA/XG/XS-349	3.49	20.0	52.0	4.0
HB-XA/XG/XS-351	3.51	23.0	55.0	4.0
HB-XA/XG/XS-352	3.52	23.0	55.0	4.0
HB-XA/XG/XS-353	3.53	23.0	55.0	4.0
HB-XA/XG/XS-354	3.54	23.0	55.0	4.0
HB-XA/XG/XS-356	3.56	23.0	55.0	4.0
HB-XA/XG/XS-357	3.57	23.0	55.0	4.0
HB-XA/XG/XS-358	3.58	23.0	55.0	4.0
HB-XA/XG/XS-359	3.59	23.0	55.0	4.0
HB-XA/XG/XS-361	3.61	23.0	55.0	4.0
HB-XA/XG/XS-362	3.62	23.0	55.0	4.0
HB-XA/XG/XS-363	3.63	23.0	55.0	4.0
HB-XA/XG/XS-364	3.64	23.0	55.0	4.0
HB-XA/XG/XS-366	3.66	23.0	55.0	4.0
HB-XA/XG/XS-367	3.67	23.0	55.0	4.0
HB-XA/XG/XS-368	3.68	23.0	55.0	4.0
HB-XA/XG/XS-369	3.69	23.0	55.0	4.0
HB-XA/XG/XS-371	3.71	23.0	55.0	4.0
HB-XA/XG/XS-372	3.72	23.0	55.0	4.0
HB-XA/XG/XS-373	3.73	23.0	55.0	4.0
HB-XA/XG/XS-374	3.74	23.0	55.0	4.0
HB-XA/XG/XS-376	3.76	23.0	55.0	4.0
HB-XA/XG/XS-377	3.77	23.0	55.0	4.0
HB-XA/XG/XS-378	3.78	23.0	55.0	4.0
HB-XA/XG/XS-379	3.79	23.0	55.0	4.0
HB-XA/XG/XS-381	3.81	23.0	55.0	4.0
HB-XA/XG/XS-382	3.82	23.0	55.0	4.0
HB-XA/XG/XS-383	3.83	23.0	55.0	4.0
HB-XA/XG/XS-384	3.84	23.0	55.0	4.0
HB-XA/XG/XS-386	3.86	23.0	55.0	4.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-387	3.87	23.0	55.0	4.0
HB-XA/XG/XS-388	3.88	23.0	55.0	4.0
HB-XA/XG/XS-389	3.89	23.0	55.0	4.0
HB-XA/XG/XS-391	3.91	23.0	55.0	4.0
HB-XA/XG/XS-392	3.92	23.0	55.0	4.0
HB-XA/XG/XS-393	3.93	23.0	55.0	4.0
HB-XA/XG/XS-394	3.94	23.0	55.0	4.0
HB-XA/XG/XS-396	3.96	23.0	55.0	4.0
HB-XA/XG/XS-397	3.97	23.0	55.0	4.0
HB-XA/XG/XS-398	3.98	23.0	55.0	4.0
HB-XA/XG/XS-399	3.99	23.0	55.0	4.0



國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄非標鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

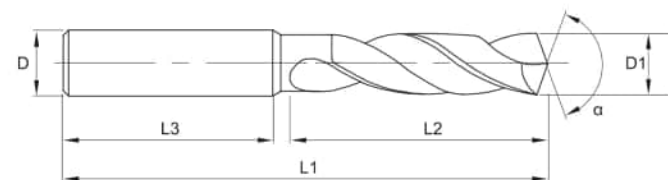
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D4.01-D4.99

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-401	4.01	26.0	60.0	5.0
HB-XA/XG/XS-402	4.02	26.0	60.0	5.0
HB-XA/XG/XS-403	4.03	26.0	60.0	5.0
HB-XA/XG/XS-404	4.04	26.0	60.0	5.0
HB-XA/XG/XS-406	4.06	26.0	60.0	5.0
HB-XA/XG/XS-407	4.07	26.0	60.0	5.0
HB-XA/XG/XS-408	4.08	26.0	60.0	5.0
HB-XA/XG/XS-409	4.09	26.0	60.0	5.0
HB-XA/XG/XS-411	4.11	26.0	60.0	5.0
HB-XA/XG/XS-412	4.12	26.0	60.0	5.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-413	4.13	26.0	60.0	5.0
HB-XA/XG/XS-414	4.14	26.0	60.0	5.0
HB-XA/XG/XS-416	4.16	26.0	60.0	5.0
HB-XA/XG/XS-417	4.17	26.0	60.0	5.0
HB-XA/XG/XS-418	4.18	26.0	60.0	5.0
HB-XA/XG/XS-419	4.19	26.0	60.0	5.0
HB-XA/XG/XS-421	4.21	26.0	60.0	5.0
HB-XA/XG/XS-422	4.22	26.0	60.0	5.0
HB-XA/XG/XS-423	4.23	26.0	60.0	5.0
HB-XA/XG/XS-424	4.24	26.0	60.0	5.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-426	4.26	26.0	60.0	5.0
HB-XA/XG/XS-427	4.27	26.0	60.0	5.0
HB-XA/XG/XS-428	4.28	26.0	60.0	5.0
HB-XA/XG/XS-429	4.29	26.0	60.0	5.0
HB-XA/XG/XS-431	4.31	26.0	60.0	5.0
HB-XA/XG/XS-432	4.32	26.0	60.0	5.0
HB-XA/XG/XS-433	4.33	26.0	60.0	5.0
HB-XA/XG/XS-434	4.34	26.0	60.0	5.0
HB-XA/XG/XS-436	4.36	26.0	60.0	5.0
HB-XA/XG/XS-437	4.37	26.0	60.0	5.0
HB-XA/XG/XS-438	4.38	26.0	60.0	5.0
HB-XA/XG/XS-439	4.39	26.0	60.0	5.0
HB-XA/XG/XS-441	4.41	26.0	60.0	5.0
HB-XA/XG/XS-442	4.42	26.0	60.0	5.0
HB-XA/XG/XS-443	4.43	26.0	60.0	5.0
HB-XA/XG/XS-444	4.44	26.0	60.0	5.0
HB-XA/XG/XS-446	4.46	26.0	60.0	5.0
HB-XA/XG/XS-447	4.47	26.0	60.0	5.0
HB-XA/XG/XS-448	4.48	26.0	60.0	5.0
HB-XA/XG/XS-449	4.49	26.0	60.0	5.0
HB-XA/XG/XS-451	4.51	26.0	60.0	5.0
HB-XA/XG/XS-452	4.52	26.0	60.0	5.0
HB-XA/XG/XS-453	4.53	26.0	60.0	5.0
HB-XA/XG/XS-454	4.54	26.0	60.0	5.0
HB-XA/XG/XS-456	4.56	26.0	60.0	5.0
HB-XA/XG/XS-457	4.57	26.0	60.0	5.0
HB-XA/XG/XS-458	4.58	26.0	60.0	5.0
HB-XA/XG/XS-459	4.59	26.0	60.0	5.0
HB-XA/XG/XS-461	4.61	28.0	60.0	5.0
HB-XA/XG/XS-462	4.62	28.0	60.0	5.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-463	4.63	28.0	60.0	5.0
HB-XA/XG/XS-464	4.64	28.0	60.0	5.0
HB-XA/XG/XS-466	4.66	28.0	60.0	5.0
HB-XA/XG/XS-467	4.67	28.0	60.0	5.0
HB-XA/XG/XS-468	4.68	28.0	60.0	5.0
HB-XA/XG/XS-469	4.69	28.0	60.0	5.0
HB-XA/XG/XS-471	4.71	28.0	60.0	5.0
HB-XA/XG/XS-472	4.72	28.0	60.0	5.0
HB-XA/XG/XS-473	4.73	28.0	60.0	5.0
HB-XA/XG/XS-474	4.74	28.0	60.0	5.0
HB-XA/XG/XS-476	4.76	28.0	60.0	5.0
HB-XA/XG/XS-477	4.77	28.0	60.0	5.0
HB-XA/XG/XS-478	4.78	28.0	60.0	5.0
HB-XA/XG/XS-479	4.79	28.0	60.0	5.0
HB-XA/XG/XS-481	4.81	28.0	60.0	5.0
HB-XA/XG/XS-482	4.82	28.0	60.0	5.0
HB-XA/XG/XS-483	4.83	28.0	60.0	5.0
HB-XA/XG/XS-484	4.84	28.0	60.0	5.0
HB-XA/XG/XS-486	4.86	28.0	60.0	5.0
HB-XA/XG/XS-487	4.87	28.0	60.0	5.0
HB-XA/XG/XS-488	4.88	28.0	60.0	5.0
HB-XA/XG/XS-489	4.89	28.0	60.0	5.0
HB-XA/XG/XS-491	4.91	28.0	60.0	5.0
HB-XA/XG/XS-492	4.92	28.0	60.0	5.0
HB-XA/XG/XS-493	4.93	28.0	60.0	5.0
HB-XA/XG/XS-494	4.94	28.0	60.0	5.0
HB-XA/XG/XS-496	4.96	28.0	60.0	5.0
HB-XA/XG/XS-497	4.97	28.0	60.0	5.0
HB-XA/XG/XS-498	4.98	28.0	60.0	5.0
HB-XA/XG/XS-499	4.99	28.0	60.0	5.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS Applicable materials: Milling shank standard tungsten steel drill

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

HB-XA/XG/XS系列/SIZE 5XD

國標銑刀柄非標鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

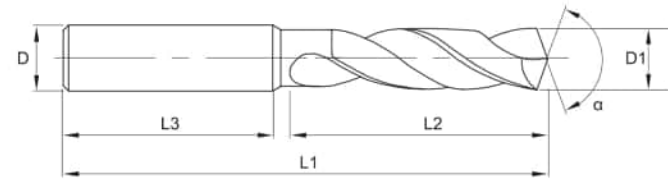
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D5.01-D5.99

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-501	5.01	30.0	65.0	6.0
HB-XA/XG/XS-502	5.02	30.0	65.0	6.0
HB-XA/XG/XS-503	5.03	30.0	65.0	6.0
HB-XA/XG/XS-504	5.04	30.0	65.0	6.0
HB-XA/XG/XS-506	5.06	30.0	65.0	6.0
HB-XA/XG/XS-507	5.07	30.0	65.0	6.0
HB-XA/XG/XS-508	5.08	30.0	65.0	6.0
HB-XA/XG/XS-509	5.09	30.0	65.0	6.0
HB-XA/XG/XS-511	5.11	30.0	65.0	6.0
HB-XA/XG/XS-512	5.12	30.0	65.0	6.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-513	5.13	30.0	65.0	6.0
HB-XA/XG/XS-514	5.14	30.0	65.0	6.0
HB-XA/XG/XS-516	5.16	30.0	65.0	6.0
HB-XA/XG/XS-517	5.17	30.0	65.0	6.0
HB-XA/XG/XS-518	5.18	30.0	65.0	6.0
HB-XA/XG/XS-519	5.19	30.0	65.0	6.0
HB-XA/XG/XS-521	5.21	30.0	65.0	6.0
HB-XA/XG/XS-522	5.22	30.0	65.0	6.0
HB-XA/XG/XS-523	5.23	30.0	65.0	6.0
HB-XA/XG/XS-524	5.24	30.0	65.0	6.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-526	5.26	30.0	65.0	6.0
HB-XA/XG/XS-527	5.27	30.0	65.0	6.0
HB-XA/XG/XS-528	5.28	30.0	65.0	6.0
HB-XA/XG/XS-529	5.29	30.0	65.0	6.0
HB-XA/XG/XS-531	5.31	30.0	65.0	6.0
HB-XA/XG/XS-532	5.32	30.0	65.0	6.0
HB-XA/XG/XS-533	5.33	30.0	65.0	6.0
HB-XA/XG/XS-534	5.34	30.0	65.0	6.0
HB-XA/XG/XS-536	5.36	30.0	65.0	6.0
HB-XA/XG/XS-537	5.37	30.0	65.0	6.0
HB-XA/XG/XS-538	5.38	30.0	65.0	6.0
HB-XA/XG/XS-539	5.39	30.0	65.0	6.0
HB-XA/XG/XS-541	5.41	30.0	65.0	6.0
HB-XA/XG/XS-542	5.42	30.0	65.0	6.0
HB-XA/XG/XS-543	5.43	30.0	65.0	6.0
HB-XA/XG/XS-544	5.44	30.0	65.0	6.0
HB-XA/XG/XS-546	5.46	30.0	65.0	6.0
HB-XA/XG/XS-547	5.47	30.0	65.0	6.0
HB-XA/XG/XS-548	5.48	30.0	65.0	6.0
HB-XA/XG/XS-549	5.49	30.0	65.0	6.0
HB-XA/XG/XS-551	5.51	30.0	65.0	6.0
HB-XA/XG/XS-552	5.52	30.0	65.0	6.0
HB-XA/XG/XS-553	5.53	30.0	65.0	6.0
HB-XA/XG/XS-554	5.54	30.0	65.0	6.0
HB-XA/XG/XS-556	5.56	30.0	65.0	6.0
HB-XA/XG/XS-557	5.57	30.0	65.0	6.0
HB-XA/XG/XS-558	5.58	30.0	65.0	6.0
HB-XA/XG/XS-559	5.59	30.0	65.0	6.0
HB-XA/XG/XS-561	5.61	32.0	65.0	6.0
HB-XA/XG/XS-562	5.62	32.0	65.0	6.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-XA/XG/XS-563	5.63	32.0	65.0	6.0
HB-XA/XG/XS-564	5.64	32.0	65.0	6.0
HB-XA/XG/XS-566	5.66	32.0	65.0	6.0
HB-XA/XG/XS-567	5.67	32.0	65.0	6.0
HB-XA/XG/XS-568	5.68	32.0	65.0	6.0
HB-XA/XG/XS-569	5.69	32.0	65.0	6.0
HB-XA/XG/XS-571	5.71	32.0	65.0	6.0
HB-XA/XG/XS-572	5.72	32.0	65.0	6.0
HB-XA/XG/XS-573	5.73	32.0	65.0	6.0
HB-XA/XG/XS-574	5.74	32.0	65.0	6.0
HB-XA/XG/XS-576	5.76	32.0	65.0	6.0
HB-XA/XG/XS-577	5.77	32.0	65.0	6.0
HB-XA/XG/XS-578	5.78	32.0	65.0	6.0
HB-XA/XG/XS-579	5.79	32.0	65.0	6.0
HB-XA/XG/XS-581	5.81	32.0	65.0	6.0
HB-XA/XG/XS-582	5.82	32.0	65.0	6.0
HB-XA/XG/XS-583	5.83	32.0	65.0	6.0
HB-XA/XG/XS-584	5.84	32.0	65.0	6.0
HB-XA/XG/XS-586	5.86	32.0	65.0	6.0
HB-XA/XG/XS-587	5.87	32.0	65.0	6.0
HB-XA/XG/XS-588	5.88	32.0	65.0	6.0
HB-XA/XG/XS-589	5.89	32.0	65.0	6.0
HB-XA/XG/XS-591	5.91	32.0	65.0	6.0
HB-XA/XG/XS-592	5.92	32.0	65.0	6.0
HB-XA/XG/XS-593	5.93	32.0	65.0	6.0
HB-XA/XG/XS-594	5.94	32.0	65.0	6.0
HB-XA/XG/XS-596	5.96	32.0	65.0	6.0
HB-XA/XG/XS-597	5.97	32.0	65.0	6.0
HB-XA/XG/XS-598	5.98	32.0	65.0	6.0
HB-XA/XG/XS-599	5.99	32.0	65.0	6.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic, (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG 塗層刀具: 依照被加工材質不同塗層及顏色(古銅色)
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors
- ◎ XS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ XS-Applicable materials: Milling shank standard tungsten steel drill

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FS-ZA/ZG系列/SIZE 5XD

國標直柄通用型鎢鋼鑽頭

Straight Shank Tunsten Stell Drill



高效·精密·耐用

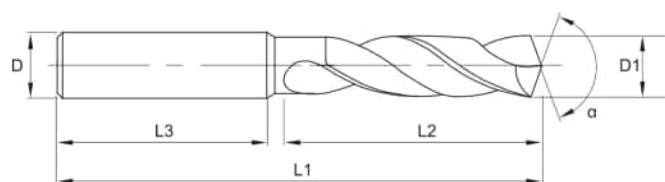
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D1.0-D14.0

規格間距: 0.1 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ZA/ZG-1010	1.00	10.0	34.0	1.00
FS-ZA/ZG-1011	1.10	10.0	34.0	1.10
FS-ZA/ZG-1012	1.20	10.0	34.0	1.20
FS-ZA/ZG-1013	1.30	12.0	36.0	1.30
FS-ZA/ZG-1014	1.40	12.0	36.0	1.40
FS-ZA/ZG-1015	1.50	12.0	36.0	1.50
FS-ZA/ZG-1016	1.60	13.0	38.0	1.60
FS-ZA/ZG-1017	1.70	13.0	38.0	1.70
FS-ZA/ZG-1018	1.80	13.0	38.0	1.80
FS-ZA/ZG-1019	1.90	14.0	40.0	1.90
FS-ZA/ZG-1020	2.00	14.0	40.0	2.00
FS-ZA/ZG-1021	2.10	15.0	40.0	2.10
FS-ZA/ZG-1022	2.20	15.0	40.0	2.20
FS-ZA/ZG-1023	2.30	16.0	42.0	2.30
FS-ZA/ZG-1024	2.40	16.0	42.0	2.40
FS-ZA/ZG-1025	2.50	17.0	42.0	2.50
FS-ZA/ZG-1026	2.60	17.0	42.0	2.60

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ZA/ZG-1027	2.70	18.0	45.0	2.70
FS-ZA/ZG-1028	2.80	18.0	45.0	2.80
FS-ZA/ZG-1029	2.90	18.0	45.0	2.90
FS-ZA/ZG-1030	3.00	20.0	45.0	3.00
FS-ZA/ZG-1031	3.10	20.0	50.0	3.10
FS-ZA/ZG-1032	3.20	22.0	50.0	3.20
FS-ZA/ZG-1033	3.30	22.0	50.0	3.30
FS-ZA/ZG-1034	3.40	23.0	50.0	3.40
FS-ZA/ZG-1035	3.50	23.0	50.0	3.50
FS-ZA/ZG-1036	3.60	24.0	50.0	3.60
FS-ZA/ZG-1037	3.70	24.0	50.0	3.70
FS-ZA/ZG-1038	3.80	24.0	50.0	3.80
FS-ZA/ZG-1039	3.90	24.0	50.0	3.90
FS-ZA/ZG-1040	4.00	24.0	50.0	4.00
FS-ZA/ZG-1041	4.10	25.0	60.0	4.10
FS-ZA/ZG-1042	4.20	25.0	60.0	4.20
FS-ZA/ZG-1043	4.30	25.0	60.0	4.30

- ZA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ZA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ZG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ZG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ZG 塗層刀具: 依照被加工材質不同塗層及顏色
- Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ZA/ZG-1044	4.40	25.0	60.0	4.40
FS-ZA/ZG-1045	4.50	25.0	60.0	4.50
FS-ZA/ZG-1046	4.60	28.0	55.0	4.60
FS-ZA/ZG-1047	4.70	28.0	55.0	4.70
FS-ZA/ZG-1048	4.80	28.0	55.0	4.80
FS-ZA/ZG-1049	4.90	28.0	55.0	4.90
FS-ZA/ZG-1050	5.00	28.0	55.0	5.00
FS-ZA/ZG-1051	5.10	30.0	60.0	5.10
FS-ZA/ZG-1052	5.20	30.0	60.0	5.20
FS-ZA/ZG-1053	5.30	30.0	60.0	5.30
FS-ZA/ZG-1054	5.40	30.0	60.0	5.40
FS-ZA/ZG-1055	5.50	30.0	60.0	5.50
FS-ZA/ZG-1056	5.60	33.0	60.0	5.60
FS-ZA/ZG-1057	5.70	33.0	60.0	5.70
FS-ZA/ZG-1058	5.80	33.0	60.0	5.80
FS-ZA/ZG-1059	5.90	33.0	60.0	5.90
FS-ZA/ZG-1060	6.00	33.0	60.0	6.00
FS-ZA/ZG-1061	6.10	38.0	75.0	6.10
FS-ZA/ZG-1062	6.20	38.0	75.0	6.20
FS-ZA/ZG-1063	6.30	38.0	75.0	6.30
FS-ZA/ZG-1064	6.40	38.0	75.0	6.40
FS-ZA/ZG-1065	6.50	38.0	75.0	6.50
FS-ZA/ZG-1066	6.60	42.0	80.0	6.60
FS-ZA/ZG-1067	6.70	42.0	80.0	6.70
FS-ZA/ZG-1068	6.80	42.0	80.0	6.80
FS-ZA/ZG-1069	6.90	42.0	80.0	6.90
FS-ZA/ZG-1070	7.00	42.0	80.0	7.00
FS-ZA/ZG-1071	7.10	53.0	91.0	7.10
FS-ZA/ZG-1072	7.20	53.0	91.0	7.20
FS-ZA/ZG-1073	7.30	53.0	91.0	7.30
FS-ZA/ZG-1074	7.40	53.0	91.0	7.40
FS-ZA/ZG-1075	7.50	53.0	91.0	7.50
FS-ZA/ZG-1076	7.60	53.0	91.0	7.60
FS-ZA/ZG-1077	7.70	53.0	91.0	7.70
FS-ZA/ZG-1078	7.80	53.0	91.0	7.80
FS-ZA/ZG-1079	7.90	53.0	91.0	7.90
FS-ZA/ZG-1080	8.00	53.0	91.0	8.00
FS-ZA/ZG-1081	8.10	61.0	103.0	8.10
FS-ZA/ZG-1082	8.20	61.0	103.0	8.20
FS-ZA/ZG-1083	8.30	61.0	103.0	8.30
FS-ZA/ZG-1084	8.40	61.0	103.0	8.40

- ZA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ZA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ZG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ZG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ZG 塗層刀具: 依照被加工材質不同塗層及顏色
- Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ZA/ZG-1085	8.50	61.0	103.0	8.50
FS-ZA/ZG-1086	8.60	61.0	103.0	8.60
FS-ZA/ZG-1087	8.70	61.0	103.0	8.70
FS-ZA/ZG-1088	8.80	61.0	103.0	8.80
FS-ZA/ZG-1089	8.90	61.0	103.0	8.90
FS-ZA/ZG-1090	9.00	61.0	103.0	9.00
FS-ZA/ZG-1091	9.10	61.0	103.0	9.10
FS-ZA/ZG-1092	9.20	61.0	103.0	9.20
FS-ZA/ZG-1093	9.30	61.0	103.0	9.30
FS-ZA/ZG-1094	9.40	61.0	103.0	9.40
FS-ZA/ZG-1095	9.50	61.0	103.0	9.50
FS-ZA/ZG-1096	9.60	61.0	103.0	9.60
FS-ZA/ZG-1097	9.70	61.0	103.0	9.70
FS-ZA/ZG-1098	9.80	61.0	103.0	9.80
FS-ZA/ZG-1099	9.90	61.0	103.0	9.90
FS-ZA/ZG-1100	10.00	61.0	103.0	10.00
FS-ZA/ZG-1101	10.10	71.0	118.0	10.10
FS-ZA/ZG-1102	10.20	71.0	118.0	10.20
FS-ZA/ZG-1103	10.30	71.0	118.0	10.30
FS-ZA/ZG-1104	10.40	71.0	118.0	10.40
FS-ZA/ZG-1105	10.50	71.0	118.0	10.50
FS-ZA/ZG-10110	11.00	71.0	118.0	11.00
FS-ZA/ZG-10150	11.50	71.0	118.0	11.50
FS-ZA/ZG-10120	12.00	71.0	118.0	12.00
FS-ZA/ZG-10125	12.50	77.0	124.0	12.50
FS-ZA/ZG-10130	13.00	77.0	124.0	13.00
FS-ZA/ZG-10135	13.50	83.0	133.0	13.50
FS-ZA/ZG-10140	14.00	83.0	133.0	14.00



國標銑刀柄鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank

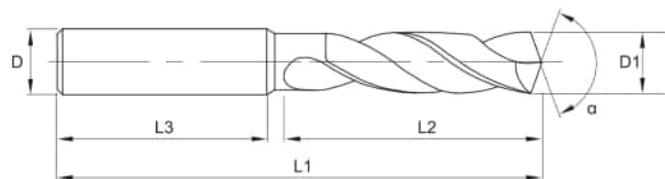
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D0.5-D6.0

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-EA/EG/ES-050A	0.50	8.0	50.0	4.0
FS-EA/EG/ES-050B	0.50	10.0	50.0	4.0
FS-EA/EG/ES-050C	0.50	12.0	50.0	4.0
FS-EA/EG/ES-050D	0.50	15.0	50.0	4.0
FS-EA/EG/ES-060A	0.60	8.0	50.0	4.0
FS-EA/EG/ES-060B	0.60	10.0	50.0	4.0
FS-EA/EG/ES-060C	0.60	12.0	50.0	4.0
FS-EA/EG/ES-060D	0.60	15.0	50.0	4.0
FS-EA/EG/ES-070A	0.70	8.0	50.0	4.0
FS-EA/EG/ES-070B	0.70	10.0	50.0	4.0
FS-EA/EG/ES-070C	0.70	15.0	50.0	4.0
FS-EA/EG/ES-075	0.75	10.0	50.0	4.0
FS-EA/EG/ES-080A	0.80	8.0	50.0	4.0
FS-EA/EG/ES-080B	0.80	10.0	50.0	4.0
FS-EA/EG/ES-080C	0.80	12.0	50.0	4.0
FS-EA/EG/ES-080D	0.80	15.0	50.0	4.0
FS-EA/EG/ES-085	0.85	10.0	50.0	4.0
FS-EA/EG/ES-088	0.88	10.0	50.0	4.0
FS-EA/EG/ES-089	0.89	10.0	50.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-EA/EG/ES-090A	0.90	8.0	50.0	4.0
FS-EA/EG/ES-090B	0.90	10.0	50.0	4.0
FS-EA/EG/ES-090C	0.90	12.0	50.0	4.0
FS-EA/EG/ES-090D	0.90	15.0	50.0	4.0
FS-EA/EG/ES-095A	0.95	8.0	50.0	4.0
FS-EA/EG/ES-095B	0.95	10.0	50.0	4.0
FS-EA/EG/ES-095C	0.95	15.0	50.0	4.0
FS-EA/EG/ES-100A	1.00	10.0	50.0	4.0
FS-EA/EG/ES-100B	1.00	12.0	50.0	4.0
FS-EA/EG/ES-100C	1.00	15.0	50.0	4.0
FS-EA/EG/ES-100D	1.00	20.0	50.0	4.0
FS-EA/EG/ES-100E	1.00	25.0	50.0	4.0
FS-EA/EG/ES-105A	1.05	10.0	50.0	4.0
FS-EA/EG/ES-105B	1.05	15.0	50.0	4.0
FS-EA/EG/ES-108A	1.08	10.0	50.0	4.0
FS-EA/EG/ES-108B	1.08	15.0	50.0	4.0
FS-EA/EG/ES-110A	1.10	15.0	50.0	4.0
FS-EA/EG/ES-110B	1.10	20.0	50.0	4.0
FS-EA/EG/ES-115A	1.15	15.0	50.0	4.0

◎ EA 適用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ EA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ EG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ EG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

◎ ES 適用切削材質: 不銹鋼、鈦合金、鍍基合金、高溫合金專用
 ◎ ES-Applicable materials: Milling shank standard tungsten steel drill
 ◎ EG/ES 塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-EA/EG/ES-115B	1.15	20.0	50.0	4.0
FS-EA/EG/ES-120A	1.20	12.0	50.0	4.0
FS-EA/EG/ES-120B	1.20	15.0	50.0	4.0
FS-EA/EG/ES-120C	1.20	20.0	50.0	4.0
FS-EA/EG/ES-125A	1.25	12.0	50.0	4.0
FS-EA/EG/ES-125B	1.25	15.0	50.0	4.0
FS-EA/EG/ES-125C	1.25	20.0	50.0	4.0
FS-EA/EG/ES-130A	1.30	12.0	50.0	4.0
FS-EA/EG/ES-130B	1.30	15.0	50.0	4.0
FS-EA/EG/ES-130C	1.30	20.0	50.0	4.0
FS-EA/EG/ES-135A	1.35	12.0	50.0	4.0
FS-EA/EG/ES-135B	1.35	15.0	50.0	4.0
FS-EA/EG/ES-135C	1.35	20.0	50.0	4.0
FS-EA/EG/ES-140A	1.40	12.0	50.0	4.0
FS-EA/EG/ES-140B	1.40	15.0	50.0	4.0
FS-EA/EG/ES-140C	1.40	20.0	50.0	4.0
FS-EA/EG/ES-145A	1.45	12.0	50.0	4.0
FS-EA/EG/ES-145B	1.45	15.0	50.0	4.0
FS-EA/EG/ES-145C	1.45	20.0	50.0	4.0
FS-EA/EG/ES-150A	1.50	12.0	50.0	4.0
FS-EA/EG/ES-150B	1.50	15.0	50.0	4.0
FS-EA/EG/ES-150C	1.50	20.0	50.0	4.0
FS-EA/EG/ES-150E	1.50	25.0	50.0	4.0
FS-EA/EG/ES-155A	1.55	12.0	50.0	4.0
FS-EA/EG/ES-155B	1.55	15.0	50.0	4.0
FS-EA/EG/ES-155C	1.55	20.0	50.0	4.0
FS-EA/EG/ES-160A	1.60	15.0	50.0	4.0
FS-EA/EG/ES-160B	1.60	20.0	50.0	4.0
FS-EA/EG/ES-160C	1.60	25.0	50.0	4.0
FS-EA/EG/ES-165A	1.65	16.0	50.0	4.0
FS-EA/EG/ES-165B	1.65	20.0	50.0	4.0
FS-EA/EG/ES-165C	1.65	25.0	50.0	4.0
FS-EA/EG/ES-170A	1.70	16.0	50.0	4.0
FS-EA/EG/ES-170B	1.70	20.0	50.0	4.0
FS-EA/EG/ES-170C	1.70	25.0	50.0	4.0
FS-EA/EG/ES-175A	1.75	15.0	50.0	4.0
FS-EA/EG/ES-175B	1.75	20.0	50.0	4.0
FS-EA/EG/ES-175C	1.75	25.0	50.0	4.0
FS-EA/EG/ES-180A	1.80	16.0	50.0	4.0
FS-EA/EG/ES-180B	1.80	20.0	50.0	4.0
FS-EA/EG/ES-180C	1.80	25.0	50.0	4.0
FS-EA/EG/ES-182	1.82	20.0	50.0	4.0
FS-EA/EG/ES-185A	1.85	16.0	50.0	4.0

◎ EA 適用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ EA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ EG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ EG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-EA/EG/ES-185B	1.85	20.0	50.0	4.0
FS-EA/EG/ES-185C	1.85	25.0	50.0	4.0
FS-EA/EG/ES-190A	1.90	16.0	50.0	4.0
FS-EA/EG/ES-190B	1.90	20.0	50.0	4.0
FS-EA/EG/ES-190C	1.90	25.0	50.0	4.0
FS-EA/EG/ES-195A	1.95	16.0	50.0	4.0
FS-EA/EG/ES-195B	1.95	20.0	50.0	4.0
FS-EA/EG/ES-195C	1.95	25.0	50.0	4.0
FS-EA/EG/ES-200A	2.00	16.0	50.0	4.0
FS-EA/EG/ES-200B	2.00	20.0	50.0	4.0
FS-EA/EG/ES-200C	2.00	25.0	50.0	4.0
FS-EA/EG/ES-205A	2.05	16.0	50.0	4.0
FS-EA/EG/ES-205B	2.05	20.0	50.0	4.0
FS-EA/EG/ES-210A	2.10	16.0	50.0	4.0
FS-EA/EG/ES-210B	2.10	20.0	50.0	4.0
FS-EA/EG/ES-210C	2.10	25.0	50.0	4.0
FS-EA/EG/ES-220A	2.20	16.0	50.0	4.0
FS-EA/EG/ES-220B	2.20	20.0	50.0	4.0
FS-EA/EG/ES-220C	2.20	25.0	50.0	4.0
FS-EA/EG/ES-225A	2.25	16.0	50.0	4.0
FS-EA/EG/ES-225B	2.25	20.0	50.0	4.0
FS-EA/EG/ES-230A	2.30	16.0	50.0	4.0
FS-EA/EG/ES-230B	2.30	20.0	50.0	4.0
FS-EA/EG/ES-235A	2.35	16.0	50.0	4.0
FS-EA/EG/ES-235B	2.35	20.0	50.0	4.0
FS-EA/EG/ES-240	2.40	20.0	50.0	4.0
FS-EA/EG/ES-245	2.45	20.0	50.0	4.0
FS-EA/EG/ES-250A	2.50	20.0	50.0	4.0
FS-EA/EG/ES-250B	2.50	25.0	50.0	4.0
FS-EA/EG/ES-255	2.55	20.0	50.0	4.0
FS-EA/EG/ES-260A	2.60	20.0	50.0	4.0
FS-EA/EG/ES-260B	2.60	25.0	50.0	4.0
FS-EA/EG/ES-270A	2.70	20.0	50.0	4.0
FS-EA/EG/ES-270B	2.70	25.0	50.0	4.0
FS-EA/EG/ES-275A	2.75	20.0	50.0	4.0
FS-EA/EG/ES-275B	2.75	25.0	50.0	4.0
FS-EA/EG/ES-280A	2.80	20.0	50.0	4.0
FS-EA/EG/ES-280B	2.80	25.0	50.0	4.0
FS-EA/EG/ES-290A	2.90	20.0	50.0	4.0
FS-EA/EG/ES-290B	2.90	25.0	50.0	4.0
FS-EA/EG/ES-300A	3.00	20.0	50.0	4.0
FS-EA/EG/ES-300B	3.00	25.0	50.0	4.0

◎ ES 適用切削材質: 不銹鋼、鈦合金、鍍基合金、高溫合金專用
 ◎ ES-Applicable materials: Milling shank standard tungsten steel drill
 ◎ EG/ES 塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標銑刀柄鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank

高效·精密·耐用

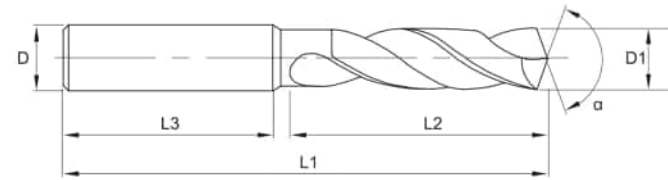
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D1.00-D2.80

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ELA/ELG/ELS-100A	1.00	10.0	75.0	4.0
FS-ELA/ELG/ELS-100B	1.00	15.0	75.0	4.0
FS-ELA/ELG/ELS-100C	1.00	20.0	75.0	4.0
FS-ELA/ELG/ELS-100D	1.00	25.0	75.0	4.0
FS-ELA/ELG/ELS-105A	1.05	10.0	75.0	4.0
FS-ELA/ELG/ELS-105B	1.05	15.0	75.0	4.0
FS-ELA/ELG/ELS-105C	1.05	20.0	75.0	4.0
FS-ELA/ELG/ELS-110A	1.10	10.0	75.0	4.0
FS-ELA/ELG/ELS-110B	1.10	15.0	75.0	4.0
FS-ELA/ELG/ELS-110C	1.10	20.0	75.0	4.0
FS-ELA/ELG/ELS-115A	1.15	10.0	75.0	4.0
FS-ELA/ELG/ELS-115B	1.15	15.0	75.0	4.0
FS-ELA/ELG/ELS-115C	1.15	20.0	75.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ELA/ELG/ELS-120A	1.20	15.0	75.0	4.0
FS-ELA/ELG/ELS-120B	1.20	20.0	75.0	4.0
FS-ELA/ELG/ELS-125A	1.25	15.0	75.0	4.0
FS-ELA/ELG/ELS-125B	1.25	20.0	75.0	4.0
FS-ELA/ELG/ELS-130A	1.30	15.0	75.0	4.0
FS-ELA/ELG/ELS-130B	1.30	20.0	75.0	4.0
FS-ELA/ELG/ELS-135A	1.35	15.0	75.0	4.0
FS-ELA/ELG/ELS-135B	1.35	20.0	75.0	4.0
FS-ELA/ELG/ELS-140A	1.40	15.0	75.0	4.0
FS-ELA/ELG/ELS-140B	1.40	20.0	75.0	4.0
FS-ELA/ELG/ELS-145A	1.45	15.0	75.0	4.0
FS-ELA/ELG/ELS-145B	1.45	20.0	75.0	4.0
FS-ELA/ELG/ELS-150A	1.50	15.0	75.0	4.0

◎ ELA 適用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ELA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ELG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ELG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ ELS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
 ◎ ELS-Applicable materials: Milling shank standard tungsten steel drill
 ◎ ELG/ELS 塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ELA/ELG/ELS-150B	1.50	20.0	75.0	4.0
FS-ELA/ELG/ELS-150C	1.50	25.0	75.0	4.0
FS-ELA/ELG/ELS-150D	1.50	30.0	75.0	4.0
FS-ELA/ELG/ELS-155A	1.55	15.0	75.0	4.0
FS-ELA/ELG/ELS-155B	1.55	20.0	75.0	4.0
FS-ELA/ELG/ELS-155C	1.55	25.0	75.0	4.0
FS-ELA/ELG/ELS-160A	1.60	15.0	75.0	4.0
FS-ELA/ELG/ELS-160B	1.60	20.0	75.0	4.0
FS-ELA/ELG/ELS-160C	1.60	25.0	75.0	4.0
FS-ELA/ELG/ELS-165A	1.65	15.0	75.0	4.0
FS-ELA/ELG/ELS-165B	1.65	20.0	75.0	4.0
FS-ELA/ELG/ELS-170A	1.70	15.0	75.0	4.0
FS-ELA/ELG/ELS-170B	1.70	20.0	75.0	4.0
FS-ELA/ELG/ELS-170C	1.70	25.0	75.0	4.0
FS-ELA/ELG/ELS-175A	1.75	15.0	75.0	4.0
FS-ELA/ELG/ELS-175B	1.75	20.0	75.0	4.0
FS-ELA/ELG/ELS-175C	1.75	25.0	75.0	4.0
FS-ELA/ELG/ELS-180A	1.80	15.0	75.0	4.0
FS-ELA/ELG/ELS-180B	1.80	20.0	75.0	4.0
FS-ELA/ELG/ELS-180C	1.80	25.0	75.0	4.0
FS-ELA/ELG/ELS-182	1.82	15.0	75.0	4.0
FS-ELA/ELG/ELS-183	1.83	15.0	75.0	4.0
FS-ELA/ELG/ELS-185A	1.85	15.0	75.0	4.0
FS-ELA/ELG/ELS-185B	1.85	20.0	75.0	4.0
FS-ELA/ELG/ELS-185C	1.85	25.0	75.0	4.0
FS-ELA/ELG/ELS-190A	1.90	15.0	75.0	4.0
FS-ELA/ELG/ELS-190B	1.90	20.0	75.0	4.0
FS-ELA/ELG/ELS-190C	1.90	25.0	75.0	4.0
FS-ELA/ELG/ELS-195A	1.95	15.0	75.0	4.0
FS-ELA/ELG/ELS-195B	1.95	20.0	75.0	4.0
FS-ELA/ELG/ELS-195C	1.95	25.0	75.0	4.0
FS-ELA/ELG/ELS-200A	2.00	15.0	75.0	4.0
FS-ELA/ELG/ELS-200B	2.00	20.0	75.0	4.0
FS-ELA/ELG/ELS-200C	2.00	25.0	75.0	4.0
FS-ELA/ELG/ELS-200D	2.00	30.0	75.0	4.0
FS-ELA/ELG/ELS-200E	2.00	35.0	75.0	4.0
FS-ELA/ELG/ELS-210A	2.10	15.0	75.0	4.0
FS-ELA/ELG/ELS-210B	2.10	20.0	75.0	4.0
FS-ELA/ELG/ELS-210C	2.10	25.0	75.0	4.0
FS-ELA/ELG/ELS-215A	2.15	15.0	75.0	4.0
FS-ELA/ELG/ELS-215B	2.15	20.0	75.0	4.0

◎ ELA 適用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ELA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ELG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ELG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ ELS-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
 ◎ ELS-Applicable materials: Milling shank standard tungsten steel drill
 ◎ ELG/ELS 塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ELA/ELG/ELS-215C	2.15	25.0	75.0	4.0
FS-ELA/ELG/ELS-220A	2.20	15.0	75.0	4.0
FS-ELA/ELG/ELS-220B	2.20	20.0	75.0	4.0
FS-ELA/ELG/ELS-220C	2.20	25.0	75.0	4.0
FS-ELA/ELG/ELS-225A	2.25	15.0	75.0	4.0
FS-ELA/ELG/ELS-225B	2.25	20.0	75.0	4.0
FS-ELA/ELG/ELS-225C	2.25	25.0	75.0	4.0
FS-ELA/ELG/ELS-230A	2.30	15.0	75.0	4.0
FS-ELA/ELG/ELS-230B	2.30	20.0	75.0	4.0
FS-ELA/ELG/ELS-230C	2.30	25.0	75.0	4.0
FS-ELA/ELG/ELS-235A	2.35	15.0	75.0	4.0
FS-ELA/ELG/ELS-235B	2.35	20.0	75.0	4.0
FS-ELA/ELG/ELS-235C	2.35	25.0	75.0	4.0
FS-ELA/ELG/ELS-240A	2.40	15.0	75.0	4.0
FS-ELA/ELG/ELS-240B	2.40	20.0	75.0	4.0
FS-ELA/ELG/ELS-240C	2.40	25.0	75.0	4.0
FS-ELA/ELG/ELS-245A	2.45	15.0	75.0	4.0
FS-ELA/ELG/ELS-245B	2.45	20.0	75.0	4.0
FS-ELA/ELG/ELS-245C	2.45	25.0	75.0	4.0
FS-ELA/ELG/ELS-250A	2.50	15.0	75.0	4.0
FS-ELA/ELG/ELS-250B	2.50	20.0	75.0	4.0
FS-ELA/ELG/ELS-250C	2.50	25.0	75.0	4.0
FS-ELA/ELG/ELS-250D	2.50	30.0	75.0	4.0
FS-ELA/ELG/ELS-250E	2.50	40.0	75.0	4.0
FS-ELA/ELG/ELS-255A	2.55	20.0	75.0	4.0
FS-ELA/ELG/ELS-255B	2.55	25.0	75.0	4.0
FS-ELA/ELG/ELS-260A	2.60	20.0	75.0	4.0
FS-ELA/ELG/ELS-260B	2.60	25.0	75.0	4.0
FS-ELA/ELG/ELS-260C	2.60	30.0	75.0	4.0
FS-ELA/ELG/ELS-265A	2.65	20.0	75.0	4.0
FS-ELA/ELG/ELS-265B	2.65	25.0	75.0	4.0
FS-ELA/ELG/ELS-270A	2.70	20.0	75.0	4.0
FS-ELA/ELG/ELS-270B	2.70	25.0	75.0	4.0
FS-ELA/ELG/ELS-270C	2.70	30.0	75.0	4.0
FS-ELA/ELG/ELS-275A	2.75	20.0	75.0	4.0
FS-ELA/ELG/ELS-275B	2.75	25.0	75.0	4.0
FS-ELA/ELG/ELS-275C	2.75	30.0	75.0	4.0
FS-ELA/ELG/ELS-280A	2.80	20.0	75.0	4.0
FS-ELA/ELG/ELS-280B	2.80	25.0	75.0	4.0
FS-ELA/ELG/ELS-280C	2.80	30.0	75.0	4.0

國標銑刀柄鎢鋼鑽頭

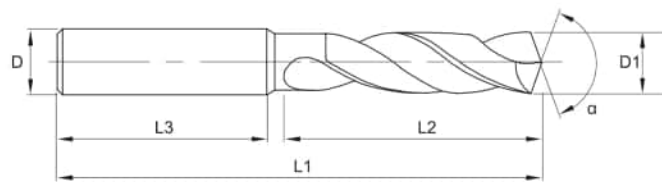
Milling Tungsten Steel Drill Bit Shank



國標通用標準

規格區間: D2.90-D16.00

規格間距: 0.05 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ELA/ELG/ELS-290A	2.90	20.0	75.0	4.0
FS-ELA/ELG/ELS-290B	2.90	25.0	75.0	4.0
FS-ELA/ELG/ELS-290C	2.90	30.0	75.0	4.0
FS-ELA/ELG/ELS-295A	2.95	20.0	75.0	4.0
FS-ELA/ELG/ELS-295B	2.95	25.0	75.0	4.0
FS-ELA/ELG/ELS-295C	2.95	30.0	75.0	4.0
FS-ELA/ELG/ELS-300A	3.00	20.0	75.0	4.0
FS-ELA/ELG/ELS-300B	3.00	25.0	75.0	4.0
FS-ELA/ELG/ELS-300C	3.00	30.0	75.0	4.0
FS-ELA/ELG/ELS-300D	3.00	40.0	75.0	4.0
FS-ELA/ELG/ELS-300E	3.00	40.0	100.0	4.0
FS-ELA/ELG/ELS-305A	3.05	20.0	75.0	4.0
FS-ELA/ELG/ELS-305B	3.05	30.0	75.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ELA/ELG/ELS-310A	3.10	25.0	75.0	4.0
FS-ELA/ELG/ELS-310B	3.10	33.0	75.0	4.0
FS-ELA/ELG/ELS-315A	3.15	25.0	75.0	4.0
FS-ELA/ELG/ELS-315B	3.15	33.0	75.0	4.0
FS-ELA/ELG/ELS-320A	3.20	20.0	75.0	4.0
FS-ELA/ELG/ELS-320B	3.20	25.0	75.0	4.0
FS-ELA/ELG/ELS-320C	3.20	33.0	75.0	4.0
FS-ELA/ELG/ELS-325A	3.25	25.0	75.0	4.0
FS-ELA/ELG/ELS-325B	3.25	33.0	75.0	4.0
FS-ELA/ELG/ELS-330A	3.30	25.0	75.0	4.0
FS-ELA/ELG/ELS-330B	3.30	36.0	75.0	4.0
FS-ELA/ELG/ELS-335A	3.35	25.0	75.0	4.0
FS-ELA/ELG/ELS-335B	3.35	36.0	75.0	4.0

- ◎ ELA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ ELA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ ELG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ ELG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ ELS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ ELS-Applicable materials: Milling shank standard tungsten steel drill
- ◎ ELG/ELS 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ELA/ELG/ELS-340A	3.40	25.0	75.0	4.0
FS-ELA/ELG/ELS-340B	3.40	36.0	75.0	4.0
FS-ELA/ELG/ELS-345A	3.45	25.0	75.0	4.0
FS-ELA/ELG/ELS-345B	3.45	36.0	75.0	4.0
FS-ELA/ELG/ELS-350A	3.50	25.0	75.0	4.0
FS-ELA/ELG/ELS-350B	3.50	36.0	75.0	4.0
FS-ELA/ELG/ELS-355A	3.55	25.0	75.0	4.0
FS-ELA/ELG/ELS-355B	3.55	36.0	75.0	4.0
FS-ELA/ELG/ELS-360A	3.60	25.0	75.0	4.0
FS-ELA/ELG/ELS-360B	3.60	30.0	75.0	4.0
FS-ELA/ELG/ELS-360C	3.60	40.0	75.0	4.0
FS-ELA/ELG/ELS-365A	3.65	30.0	75.0	4.0
FS-ELA/ELG/ELS-365B	3.65	40.0	75.0	4.0
FS-ELA/ELG/ELS-370A	3.70	25.0	75.0	4.0
FS-ELA/ELG/ELS-370B	3.70	30.0	75.0	4.0
FS-ELA/ELG/ELS-370C	3.70	40.0	75.0	4.0
FS-ELA/ELG/ELS-375A	3.75	30.0	75.0	4.0
FS-ELA/ELG/ELS-375B	3.75	40.0	75.0	4.0
FS-ELA/ELG/ELS-380A	3.80	30.0	75.0	4.0
FS-ELA/ELG/ELS-380B	3.80	40.0	75.0	4.0
FS-ELA/ELG/ELS-390A	3.90	30.0	75.0	4.0
FS-ELA/ELG/ELS-390B	3.90	40.0	75.0	4.0
FS-ELA/ELG/ELS-400A	4.00	25.0	75.0	4.0
FS-ELA/ELG/ELS-400B	4.00	30.0	75.0	4.0
FS-ELA/ELG/ELS-400C	4.00	40.0	75.0	4.0
FS-ELA/ELG/ELS-400D	4.00	50.0	100.0	4.0
FS-ELA/ELG/ELS-400E	4.00	60.0	100.0	4.0
FS-ELA/ELG/ELS-410	4.10	45.0	100.0	6.0
FS-ELA/ELG/ELS-420A	4.20	45.0	100.0	6.0
FS-ELA/ELG/ELS-420B	4.20	60.0	100.0	6.0
FS-ELA/ELG/ELS-430	4.30	45.0	100.0	6.0
FS-ELA/ELG/ELS-440A	4.40	45.0	100.0	6.0
FS-ELA/ELG/ELS-440B	4.40	60.0	100.0	6.0
FS-ELA/ELG/ELS-450A	4.50	50.0	100.0	6.0
FS-ELA/ELG/ELS-450B	4.50	60.0	100.0	6.0
FS-ELA/ELG/ELS-460	4.60	50.0	100.0	6.0
FS-ELA/ELG/ELS-470A	4.70	45.0	100.0	6.0
FS-ELA/ELG/ELS-470B	4.70	60.0	101.0	6.0
FS-ELA/ELG/ELS-480	4.80	50.0	100.0	6.0
FS-ELA/ELG/ELS-490A	4.90	45.0	100.0	6.0

- ◎ ELA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ ELA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ ELG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ ELG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ ELS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ ELS-Applicable materials: Milling shank standard tungsten steel drill
- ◎ ELG/ELS 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors

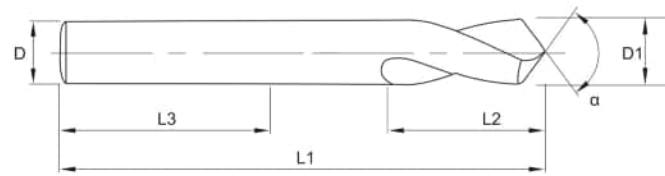
訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-ELA/ELG/ELS-490B	4.90	60.0	100.0	6.0
FS-ELA/ELG/ELS-500A	5.00	40.0	100.0	6.0
FS-ELA/ELG/ELS-500B	5.00	50.0	100.0	6.0
FS-ELA/ELG/ELS-500C	5.00	60.0	125.0	6.0
FS-ELA/ELG/ELS-510	5.10	50.0	100.0	6.0
FS-ELA/ELG/ELS-520	5.20	50.0	100.0	6.0
FS-ELA/ELG/ELS-530	5.30	50.0	100.0	6.0
FS-ELA/ELG/ELS-540	5.40	50.0	100.0	6.0
FS-ELA/ELG/ELS-550A	5.50	50.0	100.0	6.0
FS-ELA/ELG/ELS-550B	5.50	60.0	125.0	6.0
FS-ELA/ELG/ELS-560	5.60	50.0	100.0	6.0
FS-ELA/ELG/ELS-570	5.70	50.0	100.0	6.0
FS-ELA/ELG/ELS-580	5.80	50.0	100.0	6.0
FS-ELA/ELG/ELS-590	5.90	50.0	100.0	6.0
FS-ELA/ELG/ELS-600A	6.00	50.0	100.0	6.0
FS-ELA/ELG/ELS-600B	6.00	60.0	100.0	6.0
FS-ELA/ELG/ELS-600C	6.00	80.0	125.0	6.0
FS-ELA/ELG/ELS-600D	6.00	80.0	150.0	6.0
FS-ELA/ELG/ELS-650	6.50	60.0	100.0	8.0
FS-ELA/ELG/ELS-680	6.80	60.0	100.0	8.0
FS-ELA/ELG/ELS-700	7.00	60.0	100.0	8.0
FS-ELA/ELG/ELS-800A	8.00	60.0	100.0	8.0
FS-ELA/ELG/ELS-800B	8.00	80.0	125.0	8.0
FS-ELA/ELG/ELS-800C	8.00	80.0	150.0	8.0
FS-ELA/ELG/ELS-900A	9.00	80.0	125.0	8.0
FS-ELA/ELG/ELS-900B	9.00	80.0	150.0	8.0
FS-ELA/ELG/ELS-1000A	10.00	80.0	120.0	10.0
FS-ELA/ELG/ELS-1000B	10.00	100.0	150.0	10.0
FS-ELA/ELG/ELS-1020	10.20	100.0	150.0	12.0
FS-ELA/ELG/ELS-1030	10.30	100.0	150.0	12.0
FS-ELA/ELG/ELS-1050	10.50	100.0	150.0	12.0
FS-ELA/ELG/ELS-1080	10.80	100.0	150.0	12.0
FS-ELA/ELG/ELS-1100A	11.00	80.0	120.0	12.0
FS-ELA/ELG/ELS-1100B	11.00	100.0	150.0	12.0
FS-ELA/ELG/ELS-1200	12.00	100.0	150.0	12.0
FS-ELA/ELG/ELS-1300	13.00	100.0	150.0	14.0
FS-ELA/ELG/ELS-1400	14.00	100.0	150.0	14.0
FS-ELA/ELG/ELS-1500	15.00	100.0	150.0	16.0
FS-ELA/ELG/ELS-1600	16.00	100.0	150.0	16.0

- ◎ ELA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ ELA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ ELG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ ELG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ ELS 適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
- ◎ ELS-Applicable materials: Milling shank standard tungsten steel drill
- ◎ ELG/ELS 塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors



國標通用標準

規格區間: D1.0-D10.0



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	鑽尖角a Drill tip angle
HB-DA-6010	1.0	3.0	50.0	4.0	60°
HB-DA-6015	1.5	4.0	50.0	4.0	60°
HB-DA-6020	2.0	4.0	50.0	4.0	60°
HB-DA-6025	2.5	5.0	50.0	4.0	60°
HB-DA-6030	3.0	10.0	50.0	4.0	60°
HB-DA-6035	4.0	12.0	50.0	4.0	60°
HB-DA-6050	5.0	16.0	50.0	5.0	60°
HB-DA-6060	6.0	18.0	50.0	6.0	60°
HB-DA-6080	8.0	22.0	65.0	8.0	60°
HB-DA-60100	10.0	25.0	75.0	10.0	60°

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	鑽尖角a Drill tip angle
HB-DG-6010	1.0	3.0	50.0	4.0	60°
HB-DG-6015	1.5	4.0	50.0	4.0	60°
HB-DG-6020	2.0	4.0	50.0	4.0	60°
HB-DG-6025	2.5	5.0	50.0	4.0	60°
HB-DG-6030	3.0	10.0	50.0	4.0	60°
HB-DG-6040	4.0	12.0	50.0	4.0	60°
HB-DG-6050	5.0	16.0	50.0	5.0	60°
HB-DG-6060	6.0	18.0	50.0	6.0	60°
HB-DG-6080	8.0	22.0	65.0	8.0	60°
HB-DG-60100	10.0	25.0	75.0	10.0	60°

◎ DA-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ DA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ DG-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ DG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ 塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	鑽尖角a Drill tip angle
HB-DA-9010	1.0	3.0	50.0	4.0	90°
HB-DA-9015	1.5	4.0	50.0	4.0	90°
HB-DA-9020	2.0	4.0	50.0	4.0	90°
HB-DA-9025	2.5	5.0	50.0	4.0	90°
HB-DA-9030	3.0	10.0	50.0	4.0	90°
HB-DA-9040	4.0	12.0	50.0	4.0	90°
HB-DA-9050	5.0	16.0	50.0	5.0	90°
HB-DA-9060	6.0	18.0	50.0	6.0	90°
HB-DA-9080	8.0	22.0	65.0	8.0	90°
HB-DA-90100	10.0	25.0	75.0	10.0	90°
HB-DA-12010	1.0	3.0	50.0	4.0	120°
HB-DA-12015	1.5	4.0	50.0	4.0	120°
HB-DA-12020	2.0	4.0	50.0	4.0	120°
HB-DA-12025	2.5	5.0	50.0	4.0	120°
HB-DA-12030	3.0	10.0	50.0	4.0	120°
HB-DA-12040	4.0	12.0	50.0	4.0	120°
HB-DA-12050	5.0	16.0	50.0	5.0	120°
HB-DA-12060	6.0	18.0	50.0	6.0	120°
HB-DA-12080	8.0	22.0	65.0	8.0	120°
HB-DA-120100	10.0	25.0	75.0	10.0	120°

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	鑽尖角a Drill tip angle
HB-DG-9010	1.0	3.0	50.0	4.0	90°
HB-DG-9015	1.5	4.0	50.0	4.0	90°
HB-DG-9020	2.0	4.0	50.0	4.0	90°
HB-DG-9025	2.5	5.0	50.0	4.0	90°
HB-DG-9030	3.0	10.0	50.0	4.0	90°
HB-DG-9040	4.0	12.0	50.0	4.0	90°
HB-DG-9050	5.0	16.0	50.0	5.0	90°
HB-DG-6095	6.0	18.0	50.0	6.0	90°
HB-DG-9080	8.0	22.0	65.0	8.0	90°
HB-DG-90100	10.0	25.0	75.0	10.0	90°
HB-DG-12010	1.0	3.0	50.0	4.0	120°
HB-DG-12015	1.5	4.0	50.0	4.0	120°
HB-DG-12020	2.0	4.0	50.0	4.0	120°
HB-DG-12025	2.5	5.0	50.0	4.0	120°
HB-DG-12030	3.0	10.0	50.0	4.0	120°
HB-DG-12040	4.0	12.0	50.0	4.0	120°
HB-DG-12050	5.0	16.0	50.0	5.0	120°
HB-DG-12060	6.0	18.0	50.0	6.0	120°
HB-DG-12080	8.0	22.0	65.0	8.0	120°
HB-DG-120100	10.0	25.0	75.0	10.0	120°

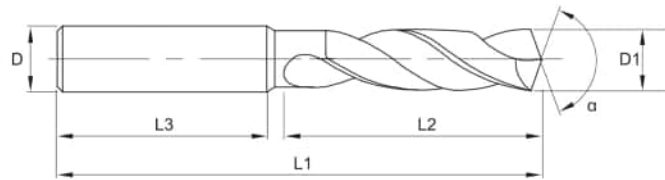
◎ DA-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ DA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ DG-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ DG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ 塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors



國標通用標準

規格區間: D3.00-D20.00

規格間距: 0.1 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLM-300	3.00	80.0	120.0	4.0
FS-LLM-310	3.10	80.0	120.0	4.0
FS-LLM-320	3.20	80.0	120.0	4.0
FS-LLM-330	3.30	80.0	120.0	4.0
FS-LLM-340	3.40	80.0	120.0	4.0
FS-LLM-350	3.50	80.0	120.0	4.0
FS-LLM-360	3.60	80.0	120.0	4.0
FS-LLM-370	3.70	80.0	120.0	4.0
FS-LLM-380	3.80	80.0	120.0	4.0
FS-LLM-390	3.90	80.0	120.0	4.0
FS-LLM-400	4.00	80.0	120.0	4.0
FS-LLM-410	4.10	80.0	120.0	5.0
FS-LLM-420	4.20	80.0	120.0	5.0
FS-LLM-430	4.30	80.0	120.0	5.0
FS-LLM-440	4.40	80.0	120.0	5.0
FS-LLM-450	4.50	80.0	120.0	5.0
FS-LLM-460	4.60	80.0	120.0	5.0
FS-LLM-470	4.70	80.0	120.0	5.0
FS-LLM-480	4.80	80.0	120.0	5.0
FS-LLM-490	4.90	80.0	120.0	5.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLM-500	5.00	80.0	120.0	5.0
FS-LLM-510	5.10	80.0	120.0	6.0
FS-LLM-520	5.20	80.0	120.0	6.0
FS-LLM-530	5.30	80.0	120.0	6.0
FS-LLM-540	5.40	80.0	120.0	6.0
FS-LLM-550	5.50	80.0	120.0	6.0
FS-LLM-560	5.60	80.0	120.0	6.0
FS-LLM-570	5.70	80.0	120.0	6.0
FS-LLM-580	5.80	80.0	120.0	6.0
FS-LLM-590	5.90	80.0	120.0	6.0
FS-LLM-600	6.00	80.0	120.0	6.0
FS-LLM-610	6.10	80.0	120.0	7.0
FS-LLM-620	6.20	80.0	120.0	7.0
FS-LLM-630	6.30	80.0	120.0	7.0
FS-LLM-640	6.40	80.0	120.0	7.0
FS-LLM-650	6.50	80.0	120.0	7.0
FS-LLM-660	6.60	80.0	120.0	7.0
FS-LLM-670	6.70	80.0	120.0	7.0
FS-LLM-680	6.80	80.0	120.0	7.0
FS-LLM-690	6.90	80.0	120.0	7.0

© LLM 通用切削材料: 鋁、有色金屬、非金屬類材料、中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 © LLM Applicable materials: aluminum, non-ferrous metals, non-metallic, carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 © LLM 塗層刀具: 依照被加工材質不同塗層及顏色 (古銅色)
 © Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLM-700	7.00	80.0	120.0	7.0
FS-LLM-710	7.10	80.0	120.0	8.0
FS-LLM-720	7.20	80.0	120.0	8.0
FS-LLM-730	7.30	80.0	120.0	8.0
FS-LLM-740	7.40	80.0	120.0	8.0
FS-LLM-750	7.50	80.0	120.0	8.0
FS-LLM-760	7.60	80.0	120.0	8.0
FS-LLM-770	7.70	80.0	120.0	8.0
FS-LLM-780	7.80	80.0	120.0	8.0
FS-LLM-790	7.90	80.0	120.0	8.0
FS-LLM-800	8.00	80.0	120.0	8.0
FS-LLM-810	8.10	80.0	120.0	9.0
FS-LLM-820	8.20	80.0	120.0	9.0
FS-LLM-830	8.30	80.0	120.0	9.0
FS-LLM-840	8.40	80.0	120.0	9.0
FS-LLM-850	8.50	80.0	120.0	9.0
FS-LLM-860	8.60	80.0	120.0	9.0
FS-LLM-870	8.70	80.0	120.0	9.0
FS-LLM-880	8.80	80.0	120.0	9.0
FS-LLM-890	8.90	80.0	120.0	9.0
FS-LLM-900	9.00	80.0	120.0	9.0
FS-LLM-910	9.10	80.0	120.0	10.0
FS-LLM-920	9.20	80.0	120.0	10.0
FS-LLM-930	9.30	80.0	120.0	10.0
FS-LLM-940	9.40	80.0	120.0	10.0
FS-LLM-950	9.50	80.0	120.0	10.0
FS-LLM-960	9.60	80.0	120.0	10.0
FS-LLM-970	9.70	80.0	120.0	10.0
FS-LLM-980	9.80	80.0	120.0	10.0
FS-LLM-990	9.90	80.0	120.0	10.0
FS-LLM-1000	10.00	80.0	120.0	10.0
FS-LLM-1010	10.10	80.0	120.0	11.0
FS-LLM-1020	10.20	80.0	120.0	11.0
FS-LLM-1030	10.30	80.0	120.0	11.0
FS-LLM-1040	10.40	80.0	120.0	11.0
FS-LLM-1050	10.50	80.0	120.0	11.0
FS-LLM-1060	10.60	80.0	120.0	11.0
FS-LLM-1070	10.70	80.0	120.0	11.0
FS-LLM-1080	10.80	80.0	120.0	11.0
FS-LLM-1090	10.90	80.0	120.0	11.0
FS-LLM-1100	11.00	80.0	120.0	11.0
FS-LLM-1110	11.10	80.0	120.0	12.0
FS-LLM-1120	11.20	80.0	120.0	12.0
FS-LLM-1130	11.30	80.0	120.0	12.0
FS-LLM-1140	11.40	80.0	120.0	12.0
FS-LLM-1150	11.50	80.0	120.0	12.0
FS-LLM-1160	11.60	80.0	120.0	12.0
FS-LLM-1170	11.70	80.0	120.0	12.0
FS-LLM-1180	11.80	80.0	120.0	12.0
FS-LLM-1190	11.90	80.0	120.0	12.0
FS-LLM-1200	12.00	80.0	120.0	12.0
FS-LLM-1210	12.10	80.0	120.0	13.0
FS-LLM-1220	12.20	80.0	120.0	13.0
FS-LLM-1230	12.30	80.0	120.0	13.0

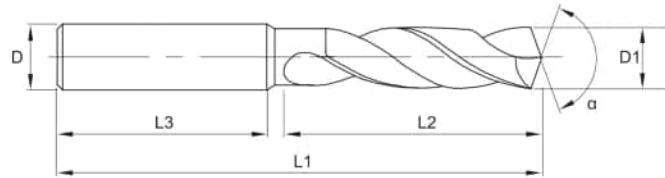
訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLM-1240	12.40	80.0	120.0	13.0
FS-LLM-1250	12.50	80.0	120.0	13.0
FS-LLM-1260	12.60	80.0	120.0	13.0
FS-LLM-1270	12.70	80.0	120.0	13.0
FS-LLM-1280	12.80	80.0	120.0	13.0
FS-LLM-1290	12.90	80.0	120.0	13.0
FS-LLM-1300	13.00	80.0	120.0	13.0
FS-LLM-1310	13.10	80.0	120.0	14.0
FS-LLM-1320	13.20	80.0	120.0	14.0
FS-LLM-1330	13.30	80.0	120.0	14.0
FS-LLM-1340	13.40	80.0	120.0	14.0
FS-LLM-1350	13.50	80.0	120.0	14.0
FS-LLM-1360	13.60	80.0	120.0	14.0
FS-LLM-1370	13.70	80.0	120.0	14.0
FS-LLM-1380	13.80	80.0	120.0	14.0
FS-LLM-1390	13.90	80.0	120.0	14.0
FS-LLM-1400	14.00	80.0	120.0	14.0
FS-LLM-1410	14.10	80.0	120.0	15.0
FS-LLM-1420	14.20	80.0	120.0	15.0
FS-LLM-1430	14.30	80.0	120.0	15.0
FS-LLM-1440	14.40	80.0	120.0	15.0
FS-LLM-1450	14.50	80.0	120.0	15.0
FS-LLM-1460	14.60	80.0	120.0	15.0
FS-LLM-1470	14.70	80.0	120.0	15.0
FS-LLM-1480	14.80	80.0	120.0	15.0
FS-LLM-1490	14.90	80.0	120.0	15.0
FS-LLM-1500	15.00	80.0	120.0	15.0
FS-LLM-1510	15.10	80.0	120.0	16.0
FS-LLM-1520	15.20	80.0	120.0	16.0
FS-LLM-1530	15.30	80.0	120.0	16.0
FS-LLM-1540	15.40	80.0	120.0	16.0
FS-LLM-1550	15.50	80.0	120.0	16.0
FS-LLM-1560	15.60	80.0	120.0	16.0
FS-LLM-1570	15.70	80.0	120.0	16.0
FS-LLM-1580	15.80	80.0	120.0	16.0
FS-LLM-1590	15.90	80.0	120.0	16.0
FS-LLM-1600	16.00	80.0	120.0	16.0
FS-LLM-1610	16.10	80.0	120.0	17.0
FS-LLM-1620	16.20	80.0	120.0	17.0
FS-LLM-1630	16.30	80.0	120.0	17.0
FS-LLM-1640	16.40	80.0	120.0	17.0
FS-LLM-1650	16.50	80.0	120.0	17.0
FS-LLM-1660	16.60	80.0	120.0	17.0
FS-LLM-1670	16.70	80.0	120.0	17.0
FS-LLM-1680	16.80	80.0	120.0	17.0
FS-LLM-1690	16.90	80.0	120.0	17.0
FS-LLM-1700	17.00	80.0	120.0	17.0
FS-LLM-1750	17.50	80.0	120.0	18.0
FS-LLM-1800	18.00	80.0	120.0	18.0
FS-LLM-1850	18.50	80.0	120.0	19.0
FS-LLM-1900	19.00	80.0	120.0	19.0
FS-LLM-1950	19.50	80.0	120.0	20.0
FS-LLM-2000	20.00	80.0	120.0	20.0

© LLM 通用切削材料: 鋁、有色金屬、非金屬類材料、中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 © LLM Applicable materials: aluminum, non-ferrous metals, non-metallic, carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 © LLM 塗層刀具: 依照被加工材質不同塗層及顏色 (古銅色)
 © Coated tools: the material to be processed in accordance with different coatings and colors



國標通用標準

規格區間: D3.00-D20.00
規格間距: 0.1 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLH-300	3.00	100.0	150.0	4.0
FS-LLH-310	3.10	100.0	150.0	4.0
FS-LLH-320	3.20	100.0	150.0	4.0
FS-LLH-330	3.30	100.0	150.0	4.0
FS-LLH-340	3.40	100.0	150.0	4.0
FS-LLH-350	3.50	100.0	150.0	4.0
FS-LLH-360	3.60	100.0	150.0	4.0
FS-LLH-370	3.70	100.0	150.0	4.0
FS-LLH-380	3.80	100.0	150.0	4.0
FS-LLH-390	3.90	100.0	150.0	4.0
FS-LLH-400	4.00	100.0	150.0	4.0
FS-LLH-410	4.10	100.0	150.0	5.0
FS-LLH-420	4.20	100.0	150.0	5.0
FS-LLH-430	4.30	100.0	150.0	5.0
FS-LLH-440	4.40	100.0	150.0	5.0
FS-LLH-450	4.50	100.0	150.0	5.0
FS-LLH-460	4.60	100.0	150.0	5.0
FS-LLH-470	4.70	100.0	150.0	5.0
FS-LLH-480	4.80	100.0	150.0	5.0
FS-LLH-490	4.90	100.0	150.0	5.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLH-500	5.00	100.0	150.0	5.0
FS-LLH-510	5.10	100.0	150.0	6.0
FS-LLH-520	5.20	100.0	150.0	6.0
FS-LLH-530	5.30	100.0	150.0	6.0
FS-LLH-540	5.40	100.0	150.0	6.0
FS-LLH-550	5.50	100.0	150.0	6.0
FS-LLH-560	5.60	100.0	150.0	6.0
FS-LLH-570	5.70	100.0	150.0	6.0
FS-LLH-580	5.80	100.0	150.0	6.0
FS-LLH-590	5.90	100.0	150.0	6.0
FS-LLH-600	6.00	100.0	150.0	6.0
FS-LLH-610	6.10	100.0	150.0	7.0
FS-LLH-620	6.20	100.0	150.0	7.0
FS-LLH-630	6.30	100.0	150.0	7.0
FS-LLH-640	6.40	100.0	150.0	7.0
FS-LLH-650	6.50	100.0	150.0	7.0
FS-LLH-660	6.60	100.0	150.0	7.0
FS-LLH-670	6.70	100.0	150.0	7.0
FS-LLH-680	6.80	100.0	150.0	7.0
FS-LLH-690	6.90	100.0	150.0	7.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLH-700	7.00	100.0	150.0	7.0
FS-LLH-710	7.10	100.0	150.0	8.0
FS-LLH-720	7.20	100.0	150.0	8.0
FS-LLH-730	7.30	100.0	150.0	8.0
FS-LLH-740	7.40	100.0	150.0	8.0
FS-LLH-750	7.50	100.0	150.0	8.0
FS-LLH-760	7.60	100.0	150.0	8.0
FS-LLH-770	7.70	100.0	150.0	8.0
FS-LLH-780	7.80	100.0	150.0	8.0
FS-LLH-790	7.90	100.0	150.0	8.0
FS-LLH-800	8.00	100.0	150.0	8.0
FS-LLH-810	8.10	100.0	150.0	9.0
FS-LLH-820	8.20	100.0	150.0	9.0
FS-LLH-830	8.30	100.0	150.0	9.0
FS-LLH-840	8.40	100.0	150.0	9.0
FS-LLH-850	8.50	100.0	150.0	9.0
FS-LLH-860	8.60	100.0	150.0	9.0
FS-LLH-870	8.70	100.0	150.0	9.0
FS-LLH-880	8.80	100.0	150.0	9.0
FS-LLH-890	8.90	100.0	150.0	9.0
FS-LLH-900	9.00	100.0	150.0	9.0
FS-LLH-910	9.10	100.0	150.0	10.0
FS-LLH-920	9.20	100.0	150.0	10.0
FS-LLH-930	9.30	100.0	150.0	10.0
FS-LLH-940	9.40	100.0	150.0	10.0
FS-LLH-950	9.50	100.0	150.0	10.0
FS-LLH-960	9.60	100.0	150.0	10.0
FS-LLH-970	9.70	100.0	150.0	10.0
FS-LLH-980	9.80	100.0	150.0	10.0
FS-LLH-990	9.90	100.0	150.0	10.0
FS-LLH-1000	10.00	100.0	150.0	10.0
FS-LLH-1010	10.10	100.0	150.0	11.0
FS-LLH-1020	10.20	100.0	150.0	11.0
FS-LLH-1030	10.30	100.0	150.0	11.0
FS-LLH-1040	10.40	100.0	150.0	11.0
FS-LLH-1050	10.50	100.0	150.0	11.0
FS-LLH-1060	10.60	100.0	150.0	11.0
FS-LLH-1070	10.70	100.0	150.0	11.0
FS-LLH-1080	10.80	100.0	150.0	11.0
FS-LLH-1090	10.90	100.0	150.0	11.0
FS-LLH-1100	11.00	100.0	150.0	11.0
FS-LLH-1110	11.10	100.0	150.0	12.0
FS-LLH-1120	11.20	100.0	150.0	12.0
FS-LLH-1130	11.30	100.0	150.0	12.0
FS-LLH-1140	11.40	100.0	150.0	12.0
FS-LLH-1150	11.50	100.0	150.0	12.0
FS-LLH-1160	11.60	100.0	150.0	12.0
FS-LLH-1170	11.70	100.0	150.0	12.0
FS-LLH-1180	11.80	100.0	150.0	12.0
FS-LLH-1190	11.90	100.0	150.0	12.0
FS-LLH-1200	12.00	100.0	150.0	12.0
FS-LLH-1210	12.10	100.0	150.0	13.0
FS-LLH-1220	12.20	100.0	150.0	13.0
FS-LLH-1230	12.30	100.0	150.0	13.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLH-1240	12.40	100.0	150.0	13.0
FS-LLH-1250	12.50	100.0	150.0	13.0
FS-LLH-1260	12.60	100.0	150.0	13.0
FS-LLH-1270	12.70	100.0	150.0	13.0
FS-LLH-1280	12.80	100.0	150.0	13.0
FS-LLH-1290	12.90	100.0	150.0	13.0
FS-LLH-1300	13.00	100.0	150.0	13.0
FS-LLH-1310	13.10	100.0	150.0	14.0
FS-LLH-1320	13.20	100.0	150.0	14.0
FS-LLH-1330	13.30	100.0	150.0	14.0
FS-LLH-1340	13.40	100.0	150.0	14.0
FS-LLH-1350	13.50	100.0	150.0	14.0
FS-LLH-1360	13.60	100.0	150.0	14.0
FS-LLH-1370	13.70	100.0	150.0	14.0
FS-LLH-1380	13.80	100.0	150.0	14.0
FS-LLH-1390	13.90	100.0	150.0	14.0
FS-LLH-1400	14.00	100.0	150.0	14.0
FS-LLH-1410	14.10	100.0	150.0	15.0
FS-LLH-1420	14.20	100.0	150.0	15.0
FS-LLH-1430	14.30	100.0	150.0	15.0
FS-LLH-1440	14.40	100.0	150.0	15.0
FS-LLH-1450	14.50	100.0	150.0	15.0
FS-LLH-1460	14.60	100.0	150.0	15.0
FS-LLH-1470	14.70	100.0	150.0	15.0
FS-LLH-1480	14.80	100.0	150.0	15.0
FS-LLH-1490	14.90	100.0	150.0	15.0
FS-LLH-1500	15.00	100.0	150.0	15.0
FS-LLH-1510	15.10	100.0	150.0	16.0
FS-LLH-1520	15.20	100.0	150.0	16.0
FS-LLH-1530	15.30	100.0	150.0	16.0
FS-LLH-1540	15.40	100.0	150.0	16.0
FS-LLH-1550	15.50	100.0	150.0	16.0
FS-LLH-1560	15.60	100.0	150.0	16.0
FS-LLH-1570	15.70	100.0	150.0	16.0
FS-LLH-1580	15.80	100.0	150.0	16.0
FS-LLH-1590	15.90	100.0	150.0	16.0
FS-LLH-1600	16.00	100.0	150.0	16.0
FS-LLH-1610	16.10	100.0	150.0	17.0
FS-LLH-1620	16.20	100.0	150.0	17.0
FS-LLH-1630	16.30	100.0	150.0	17.0
FS-LLH-1640	16.40	100.0	150.0	17.0
FS-LLH-1650	16.50	100.0	150.0	17.0
FS-LLH-1660	16.60	100.0	150.0	17.0
FS-LLH-1670	16.70	100.0	150.0	17.0
FS-LLH-1680	16.80	100.0	150.0	17.0
FS-LLH-1690	16.90	100.0	150.0	17.0
FS-LLH-1700	17.00	100.0	150.0	17.0
FS-LLH-1750	17.50	100.0	150.0	18.0
FS-LLH-1800	18.00	100.0	150.0	18.0
FS-LLH-1850	18.50	100.0	150.0	19.0
FS-LLH-1900	19.00	100.0	150.0	19.0
FS-LLH-1950	19.50	100.0	150.0	20.0
FS-LLH-2000	20.00	100.0	150.0	20.0

◎ LLH 適用切削材質: 鋁、有色金屬、非金屬類材料、中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ LLH Applicable materials: aluminum, non-ferrous metals, non-metallic, carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ LLH 塗層刀具: 依照被加工材質不同塗層及顏色 (古銅色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

銑刀柄鎢鋼通用型-定长长刀鑽頭

高效 · 精密 · 耐用

Milling Shank Tungsten Steel General Purpose-fixed Length Long Edge Drill

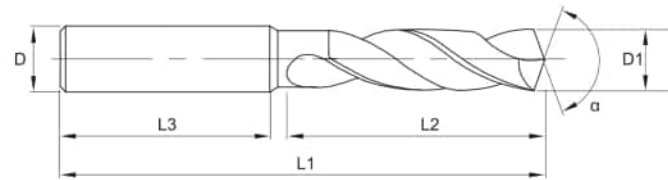
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D4.00-D20.00

規格間距: 0.1 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLN-400	4.00	150.0	200.0	4.0
FS-LLN-410	4.10	150.0	200.0	5.0
FS-LLN-420	4.20	150.0	200.0	5.0
FS-LLN-430	4.30	150.0	200.0	5.0
FS-LLN-440	4.40	150.0	200.0	5.0
FS-LLN-450	4.50	150.0	200.0	5.0
FS-LLN-460	4.60	150.0	200.0	5.0
FS-LLN-470	4.70	150.0	200.0	5.0
FS-LLN-480	4.80	150.0	200.0	5.0
FS-LLN-490	4.90	150.0	200.0	5.0
FS-LLN-500	5.00	150.0	200.0	5.0
FS-LLN-510	5.10	150.0	200.0	6.0
FS-LLN-520	5.20	150.0	200.0	6.0
FS-LLN-530	5.30	150.0	200.0	6.0
FS-LLN-540	5.40	150.0	200.0	6.0
FS-LLN-550	5.50	150.0	200.0	6.0
FS-LLN-560	5.60	150.0	200.0	6.0
FS-LLN-570	5.70	150.0	200.0	6.0
FS-LLN-580	5.80	150.0	200.0	6.0
FS-LLN-590	5.90	150.0	200.0	6.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLN-600	6.00	150.0	200.0	6.0
FS-LLN-610	6.10	150.0	200.0	7.0
FS-LLN-620	6.20	150.0	200.0	7.0
FS-LLN-630	6.30	150.0	200.0	7.0
FS-LLN-640	6.40	150.0	200.0	7.0
FS-LLN-650	6.50	150.0	200.0	7.0
FS-LLN-660	6.60	150.0	200.0	7.0
FS-LLN-670	6.70	150.0	200.0	7.0
FS-LLN-680	6.80	150.0	200.0	7.0
FS-LLN-690	6.90	150.0	200.0	7.0
FS-LLN-700	7.00	150.0	200.0	7.0
FS-LLN-710	7.10	150.0	200.0	8.0
FS-LLN-720	7.20	150.0	200.0	8.0
FS-LLN-730	7.30	150.0	200.0	8.0
FS-LLN-740	7.40	150.0	200.0	8.0
FS-LLN-750	7.50	150.0	200.0	8.0
FS-LLN-760	7.60	150.0	200.0	8.0
FS-LLN-770	7.70	150.0	200.0	8.0
FS-LLN-780	7.80	150.0	200.0	8.0
FS-LLN-790	7.90	150.0	200.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLN-800	8.00	150.0	200.0	8.0
FS-LLN-810	8.10	150.0	200.0	9.0
FS-LLN-820	8.20	150.0	200.0	9.0
FS-LLN-830	8.30	150.0	200.0	9.0
FS-LLN-840	8.40	150.0	200.0	9.0
FS-LLN-850	8.50	150.0	200.0	9.0
FS-LLN-860	8.60	150.0	200.0	9.0
FS-LLN-870	8.70	150.0	200.0	9.0
FS-LLN-880	8.80	150.0	200.0	9.0
FS-LLN-890	8.90	150.0	200.0	9.0
FS-LLN-900	9.00	150.0	200.0	9.0
FS-LLN-910	9.10	150.0	200.0	10.0
FS-LLN-920	9.20	150.0	200.0	10.0
FS-LLN-930	9.30	150.0	200.0	10.0
FS-LLN-940	9.40	150.0	200.0	10.0
FS-LLN-950	9.50	150.0	200.0	10.0
FS-LLN-960	9.60	150.0	200.0	10.0
FS-LLN-970	9.70	150.0	200.0	10.0
FS-LLN-980	9.80	150.0	200.0	10.0
FS-LLN-990	9.90	150.0	200.0	10.0
FS-LLN-1000	10.00	150.0	200.0	10.0
FS-LLN-1010	10.10	150.0	200.0	11.0
FS-LLN-1020	10.20	150.0	200.0	11.0
FS-LLN-1030	10.30	150.0	200.0	11.0
FS-LLN-1040	10.40	150.0	200.0	11.0
FS-LLN-1050	10.50	150.0	200.0	11.0
FS-LLN-1060	10.60	150.0	200.0	11.0
FS-LLN-1070	10.70	150.0	200.0	11.0
FS-LLN-1080	10.80	150.0	200.0	11.0
FS-LLN-1090	10.90	150.0	200.0	11.0
FS-LLN-1100	11.00	150.0	200.0	11.0
FS-LLN-1110	11.10	150.0	200.0	12.0
FS-LLN-1120	11.20	150.0	200.0	12.0
FS-LLN-1130	11.30	150.0	200.0	12.0
FS-LLN-1140	11.40	150.0	200.0	12.0
FS-LLN-1150	11.50	150.0	200.0	12.0
FS-LLN-1160	11.60	150.0	200.0	12.0
FS-LLN-1170	11.70	150.0	200.0	12.0
FS-LLN-1180	11.80	150.0	200.0	12.0
FS-LLN-1190	11.90	150.0	200.0	12.0
FS-LLN-1200	12.00	150.0	200.0	12.0
FS-LLN-1210	12.10	150.0	200.0	13.0
FS-LLN-1220	12.20	150.0	200.0	13.0
FS-LLN-1230	12.30	150.0	200.0	13.0
FS-LLN-1240	12.40	150.0	200.0	13.0
FS-LLN-1250	12.50	150.0	200.0	13.0
FS-LLN-1260	12.60	150.0	200.0	13.0
FS-LLN-1270	12.70	150.0	200.0	13.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-LLN-1280	12.80	150.0	200.0	13.0
FS-LLN-1290	12.90	150.0	200.0	13.0
FS-LLN-1300	13.00	150.0	200.0	13.0
FS-LLN-1310	13.10	150.0	200.0	14.0
FS-LLN-1320	13.20	150.0	200.0	14.0
FS-LLN-1330	13.30	150.0	200.0	14.0
FS-LLN-1340	13.40	150.0	200.0	14.0
FS-LLN-1350	13.50	150.0	200.0	14.0
FS-LLN-1360	13.60	150.0	200.0	14.0
FS-LLN-1370	13.70	150.0	200.0	14.0
FS-LLN-1380	13.80	150.0	200.0	14.0
FS-LLN-1390	13.90	150.0	200.0	14.0
FS-LLN-1400	14.00	150.0	200.0	14.0
FS-LLN-1410	14.10	150.0	200.0	15.0
FS-LLN-1420	14.20	150.0	200.0	15.0
FS-LLN-1430	14.30	150.0	200.0	15.0
FS-LLN-1440	14.40	150.0	200.0	15.0
FS-LLN-1450	14.50	150.0	200.0	15.0
FS-LLN-1460	14.60	150.0	200.0	15.0
FS-LLN-1470	14.70	150.0	200.0	15.0
FS-LLN-1480	14.80	150.0	200.0	15.0
FS-LLN-1490	14.90	150.0	200.0	15.0
FS-LLN-1500	15.00	150.0	200.0	15.0
FS-LLN-1510	15.10	150.0	200.0	16.0
FS-LLN-1520	15.20	150.0	200.0	16.0
FS-LLN-1530	15.30	150.0	200.0	16.0
FS-LLN-1540	15.40	150.0	200.0	16.0
FS-LLN-1550	15.50	150.0	200.0	16.0
FS-LLN-1560	15.60	150.0	200.0	16.0
FS-LLN-1570	15.70	150.0	200.0	16.0
FS-LLN-1580	15.80	150.0	200.0	16.0
FS-LLN-1590	15.90	150.0	200.0	16.0
FS-LLN-1600	16.00	150.0	200.0	16.0
FS-LLN-1610	16.10	150.0	200.0	17.0
FS-LLN-1620	16.20	150.0	200.0	17.0
FS-LLN-1630	16.30	150.0	200.0	17.0
FS-LLN-1640	16.40	150.0	200.0	17.0
FS-LLN-1650	16.50	150.0	200.0	17.0
FS-LLN-1660	16.60	150.0	200.0	17.0
FS-LLN-1670	16.70	150.0	200.0	17.0
FS-LLN-1680	16.80	150.0	200.0	17.0
FS-LLN-1690	16.90	150.0	200.0	17.0
FS-LLN-1700	17.00	150.0	200.0	17.0
FS-LLN-1750	17.50	150.0	200.0	18.0
FS-LLN-1800	18.00	150.0	200.0	18.0
FS-LLN-1850	18.50	150.0	200.0	19.0
FS-LLN-1900	19.50	150.0	200.0	20.0
FS-LLN-2000	20.00	150.0	200.0	20.0

◎ LLN 適用切削材質: 鋁、有色金屬、非金屬類材料、中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ LLN Applicable materials: aluminum, non-ferrous metals, non-metallic, carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ LLN 塗層刀具: 依照被加工材質不同塗層及顏色 (古銅色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

◎ LLN 適用切削材質: 鋁、有色金屬、非金屬類材料、中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ LLN 塗層刀具: 依照被加工材質不同塗層及顏色 (古銅色)
 ◎ LLN Applicable materials: aluminum, non-ferrous metals, non-metallic, carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

FS-ZJA/ZJG系列

直柄通用型钨钢螺旋铰刀

Tungsten Steel Spiral Reamer With Straight Shank



高效 · 精密 · 耐用

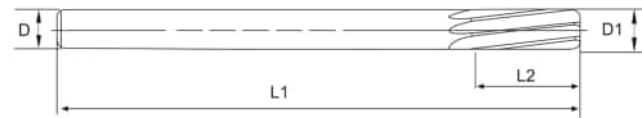
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D1.00-D2.60

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-100	1.00	15	50	4	1.00
FS-ZJA/ZJG-101	1.01	15	50	4	1.01
FS-ZJA/ZJG-102	1.02	15	50	4	1.02
FS-ZJA/ZJG-103	1.03	15	50	4	1.03
FS-ZJA/ZJG-104	1.04	15	50	4	1.04
FS-ZJA/ZJG-105	1.05	15	50	4	1.05
FS-ZJA/ZJG-106	1.06	15	50	4	1.06
FS-ZJA/ZJG-107	1.07	15	50	4	1.07
FS-ZJA/ZJG-108	1.08	15	50	4	1.08
FS-ZJA/ZJG-109	1.09	15	50	4	1.09
FS-ZJA/ZJG-110	1.10	15	50	4	1.10
FS-ZJA/ZJG-111	1.11	15	50	4	1.11
FS-ZJA/ZJG-112	1.12	15	50	4	1.12
FS-ZJA/ZJG-113	1.13	15	50	4	1.13
FS-ZJA/ZJG-114	1.14	15	50	4	1.14
FS-ZJA/ZJG-115	1.15	15	50	4	1.15
FS-ZJA/ZJG-116	1.16	15	50	4	1.16
FS-ZJA/ZJG-117	1.17	15	50	4	1.17
FS-ZJA/ZJG-118	1.18	15	50	4	1.18
FS-ZJA/ZJG-119	1.19	15	50	4	1.19
FS-ZJA/ZJG-120	1.20	15	50	4	1.20
FS-ZJA/ZJG-121	1.21	15	50	4	1.21
FS-ZJA/ZJG-122	1.22	15	50	4	1.22
FS-ZJA/ZJG-123	1.23	15	50	4	1.23
FS-ZJA/ZJG-124	1.24	15	50	4	1.24

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-125	1.25	15	50	4	1.25
FS-ZJA/ZJG-126	1.26	15	50	4	1.26
FS-ZJA/ZJG-127	1.27	15	50	4	1.27
FS-ZJA/ZJG-128	1.28	15	50	4	1.28
FS-ZJA/ZJG-129	1.29	15	50	4	1.29
FS-ZJA/ZJG-130	1.30	15	50	4	1.30
FS-ZJA/ZJG-131	1.31	15	50	4	1.31
FS-ZJA/ZJG-132	1.32	15	50	4	1.32
FS-ZJA/ZJG-133	1.33	15	50	4	1.33
FS-ZJA/ZJG-134	1.34	15	50	4	1.34
FS-ZJA/ZJG-135	1.35	15	50	4	1.35
FS-ZJA/ZJG-136	1.36	15	50	4	1.36
FS-ZJA/ZJG-137	1.37	15	50	4	1.37
FS-ZJA/ZJG-138	1.38	15	50	4	1.38
FS-ZJA/ZJG-139	1.39	15	50	4	1.39
FS-ZJA/ZJG-140	1.40	15	50	4	1.40
FS-ZJA/ZJG-141	1.41	15	50	4	1.41
FS-ZJA/ZJG-142	1.42	15	50	4	1.42
FS-ZJA/ZJG-143	1.43	15	50	4	1.43
FS-ZJA/ZJG-144	1.44	15	50	4	1.44
FS-ZJA/ZJG-145	1.45	15	50	4	1.45
FS-ZJA/ZJG-146	1.46	15	50	4	1.46
FS-ZJA/ZJG-147	1.47	15	50	4	1.47
FS-ZJA/ZJG-148	1.48	15	50	4	1.48
FS-ZJA/ZJG-149	1.49	15	50	4	1.49

◎ ZJA 適用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-150	1.50	15	50	4	1.50
FS-ZJA/ZJG-151	1.51	15	50	4	1.51
FS-ZJA/ZJG-152	1.52	15	50	4	1.52
FS-ZJA/ZJG-153	1.53	15	50	4	1.53
FS-ZJA/ZJG-154	1.54	15	50	4	1.54
FS-ZJA/ZJG-155	1.55	15	50	4	1.55
FS-ZJA/ZJG-156	1.56	15	50	4	1.56
FS-ZJA/ZJG-157	1.57	15	50	4	1.57
FS-ZJA/ZJG-158	1.58	15	50	4	1.58
FS-ZJA/ZJG-159	1.59	15	50	4	1.59
FS-ZJA/ZJG-160	1.60	15	50	4	1.60
FS-ZJA/ZJG-161	1.61	15	50	4	1.61
FS-ZJA/ZJG-162	1.62	15	50	4	1.62
FS-ZJA/ZJG-163	1.63	15	50	4	1.63
FS-ZJA/ZJG-164	1.64	15	50	4	1.64
FS-ZJA/ZJG-165	1.65	15	50	4	1.65
FS-ZJA/ZJG-166	1.66	15	50	4	1.66
FS-ZJA/ZJG-167	1.67	15	50	4	1.67
FS-ZJA/ZJG-168	1.68	15	50	4	1.68
FS-ZJA/ZJG-169	1.69	15	50	4	1.69
FS-ZJA/ZJG-170	1.70	15	50	4	1.70
FS-ZJA/ZJG-171	1.71	15	50	4	1.71
FS-ZJA/ZJG-172	1.72	15	50	4	1.72
FS-ZJA/ZJG-173	1.73	15	50	4	1.73
FS-ZJA/ZJG-174	1.74	15	50	4	1.74
FS-ZJA/ZJG-175	1.75	15	50	4	1.75
FS-ZJA/ZJG-176	1.76	15	50	4	1.76
FS-ZJA/ZJG-177	1.77	15	50	4	1.77
FS-ZJA/ZJG-178	1.78	15	50	4	1.78
FS-ZJA/ZJG-179	1.79	15	50	4	1.79
FS-ZJA/ZJG-180	1.80	15	50	4	1.80
FS-ZJA/ZJG-181	1.81	15	50	4	1.81
FS-ZJA/ZJG-182	1.82	15	50	4	1.82
FS-ZJA/ZJG-183	1.83	15	50	4	1.83
FS-ZJA/ZJG-184	1.84	15	50	4	1.84
FS-ZJA/ZJG-185	1.85	15	50	4	1.85
FS-ZJA/ZJG-186	1.86	15	50	4	1.86
FS-ZJA/ZJG-187	1.87	15	50	4	1.87
FS-ZJA/ZJG-188	1.88	15	50	4	1.88
FS-ZJA/ZJG-189	1.89	15	50	4	1.89
FS-ZJA/ZJG-190	1.90	15	50	4	1.90
FS-ZJA/ZJG-191	1.91	15	50	4	1.91
FS-ZJA/ZJG-192	1.92	15	50	4	1.92
FS-ZJA/ZJG-193	1.93	15	50	4	1.93
FS-ZJA/ZJG-194	1.94	15	50	4	1.94
FS-ZJA/ZJG-195	1.95	15	50	4	1.95
FS-ZJA/ZJG-196	1.96	15	50	4	1.96
FS-ZJA/ZJG-197	1.97	15	50	4	1.97
FS-ZJA/ZJG-198	1.98	15	50	4	1.98
FS-ZJA/ZJG-199	1.99	15	50	4	1.99
FS-ZJA/ZJG-200	2.00	15	50	4	2.00
FS-ZJA/ZJG-201	2.01	15	50	4	2.01
FS-ZJA/ZJG-202	2.02	15	50	4	2.02
FS-ZJA/ZJG-203	2.03	15	50	4	2.03
FS-ZJA/ZJG-204	2.04	15	50	4	2.04
FS-ZJA/ZJG-205	2.05	15	50	4	2.05

◎ ZJA 適用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-206	2.06	15	50	4	2.06
FS-ZJA/ZJG-207	2.07	15	50	4	2.07
FS-ZJA/ZJG-208	2.08	15	50	4	2.08
FS-ZJA/ZJG-209	2.09	15	50	4	2.09
FS-ZJA/ZJG-210	2.10	15	50	4	2.10
FS-ZJA/ZJG-211	2.11	20	50	4	2.11
FS-ZJA/ZJG-212	2.12	20	50	4	2.12
FS-ZJA/ZJG-213	2.13	20	50	4	2.13
FS-ZJA/ZJG-214	2.14	20	50	4	2.14
FS-ZJA/ZJG-215	2.15	20	50	4	2.15
FS-ZJA/ZJG-216	2.16	20	50	4	2.16
FS-ZJA/ZJG-217	2.17	20	50	4	2.17
FS-ZJA/ZJG-218	2.18	20	50	4	2.18
FS-ZJA/ZJG-219	2.19	20	50	4	2.19
FS-ZJA/ZJG-220	2.20	20	50	4	2.20
FS-ZJA/ZJG-221	2.21	20	50	4	2.21
FS-ZJA/ZJG-222	2.22	20	50	4	2.22
FS-ZJA/ZJG-223	2.23	20	50	4	2.23
FS-ZJA/ZJG-224	2.24	20	50	4	2.24
FS-ZJA/ZJG-225	2.25	20	50	4	2.25
FS-ZJA/ZJG-226	2.26	20	50	4	2.26
FS-ZJA/ZJG-227	2.27	20	50	4	2.27
FS-ZJA/ZJG-228	2.28	20	50	4	2.28
FS-ZJA/ZJG-229	2.29	20	50	4	2.29
FS-ZJA/ZJG-230	2.30	20	50	4	2.30
FS-ZJA/ZJG-231	2.31	20	50	4	2.31
FS-ZJA/ZJG-232	2.32	20	50	4	2.32
FS-ZJA/ZJG-233	2.33	20	50	4	2.33
FS-ZJA/ZJG-234	2.34	20	50	4	2.34
FS-ZJA/ZJG-235	2.35	20	50	4	2.35
FS-ZJA/ZJG-236	2.36	20	50	4	2.36
FS-ZJA/ZJG-237	2.37	20	50	4	2.37
FS-ZJA/ZJG-238	2.38	20	50	4	2.38
FS-ZJA/ZJG-239	2.39	20	50	4	2.39
FS-ZJA/ZJG-240	2.40	20	50	4	2.40
FS-ZJA/ZJG-241	2.41	20	50	4	2.41
FS-ZJA/ZJG-242	2.42	20	50	4	2.42
FS-ZJA/ZJG-243	2.43	20	50	4	2.43
FS-ZJA/ZJG-244	2.44	20	50	4	2.44
FS-ZJA/ZJG-245	2.45	20	50	4	2.45
FS-ZJA/ZJG-246	2.46	20	50	4	2.46
FS-ZJA/ZJG-247	2.47	20	50	4	2.47
FS-ZJA/ZJG-248	2.48	20	50	4	2.48
FS-ZJA/ZJG-249	2.49	20	50	4	2.49
FS-ZJA/ZJG-250	2.50	20	50	4	2.50
FS-ZJA/ZJG-251	2.51	20	50	4	2.51
FS-ZJA/ZJG-252	2.52	20	50	4	2.52
FS-ZJA/ZJG-253	2.53	20	50	4	2.53
FS-ZJA/ZJG-254	2.54	20	50	4	2.54
FS-ZJA/ZJG-255	2.55	20	50	4	2.55
FS-ZJA/ZJG-256	2.56	20	50	4	2.56
FS-ZJA/ZJG-257	2.57	20	50	4	2.57
FS-ZJA/ZJG-258	2.58	20	50	4	2.58
FS-ZJA/ZJG-259	2.59	20	50	4	2.59
FS-ZJA/ZJG-260	2.60	20	50	4	2.60

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FS-ZJA/ZJG系列

直柄通用型钨钢螺旋铰刀

Tungsten Steel Spiral Reamer With Straight Shank



高效·精密·耐用

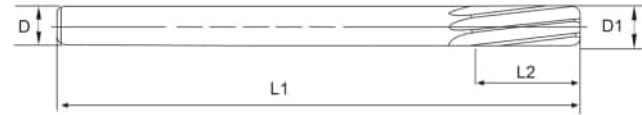
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D2.61-D4.20

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-261	2.61	20	50	4	2.61
FS-ZJA/ZJG-262	2.62	20	50	4	2.62
FS-ZJA/ZJG-263	2.63	20	50	4	2.63
FS-ZJA/ZJG-264	2.64	20	50	4	2.64
FS-ZJA/ZJG-265	2.65	20	50	4	2.65
FS-ZJA/ZJG-266	2.66	20	50	4	2.66
FS-ZJA/ZJG-267	2.67	20	50	4	2.67
FS-ZJA/ZJG-268	2.68	20	50	4	2.68
FS-ZJA/ZJG-269	2.69	20	50	4	2.69
FS-ZJA/ZJG-270	2.70	20	50	4	2.70
FS-ZJA/ZJG-271	2.71	20	50	4	2.71
FS-ZJA/ZJG-272	2.72	20	50	4	2.72
FS-ZJA/ZJG-273	2.73	20	50	4	2.73
FS-ZJA/ZJG-274	2.74	20	50	4	2.74
FS-ZJA/ZJG-275	2.75	20	50	4	2.75
FS-ZJA/ZJG-276	2.76	20	50	4	2.76
FS-ZJA/ZJG-277	2.77	20	50	4	2.77
FS-ZJA/ZJG-278	2.78	20	50	4	2.78
FS-ZJA/ZJG-279	2.79	20	50	4	2.79
FS-ZJA/ZJG-280	2.80	20	50	4	2.80
FS-ZJA/ZJG-281	2.81	20	50	4	2.81
FS-ZJA/ZJG-282	2.82	20	50	4	2.82
FS-ZJA/ZJG-283	2.83	20	50	4	2.83
FS-ZJA/ZJG-284	2.84	20	50	4	2.84
FS-ZJA/ZJG-285	2.85	20	50	4	2.85

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-286	2.86	20	50	4	2.86
FS-ZJA/ZJG-287	2.87	20	50	4	2.87
FS-ZJA/ZJG-288	2.88	20	50	4	2.88
FS-ZJA/ZJG-289	2.89	20	50	4	2.89
FS-ZJA/ZJG-290	2.90	20	50	4	2.90
FS-ZJA/ZJG-291	2.91	20	50	4	2.91
FS-ZJA/ZJG-292	2.92	20	50	4	2.92
FS-ZJA/ZJG-293	2.93	20	50	4	2.93
FS-ZJA/ZJG-294	2.94	20	50	4	2.94
FS-ZJA/ZJG-295	2.95	20	50	4	2.95
FS-ZJA/ZJG-296	2.96	20	50	4	2.96
FS-ZJA/ZJG-297	2.97	20	50	4	2.97
FS-ZJA/ZJG-298	2.98	20	50	4	2.98
FS-ZJA/ZJG-299	2.99	20	50	4	2.99
FS-ZJA/ZJG-300	3.00	20	50	4	3.00
FS-ZJA/ZJG-301	3.01	20	50	4	3.01
FS-ZJA/ZJG-302	3.02	20	50	4	3.02
FS-ZJA/ZJG-303	3.03	20	50	4	3.03
FS-ZJA/ZJG-304	3.04	20	50	4	3.04
FS-ZJA/ZJG-305	3.05	20	50	4	3.05
FS-ZJA/ZJG-306	3.06	20	50	4	3.06
FS-ZJA/ZJG-307	3.07	20	50	4	3.07
FS-ZJA/ZJG-308	3.08	20	50	4	3.08
FS-ZJA/ZJG-309	3.09	20	50	4	3.09
FS-ZJA/ZJG-310	3.10	20	50	4	3.10

◎ ZJA 通用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-311	3.11	25	50	4	3.11
FS-ZJA/ZJG-312	3.12	25	50	4	3.12
FS-ZJA/ZJG-313	3.13	25	50	4	3.13
FS-ZJA/ZJG-314	3.14	25	50	4	3.14
FS-ZJA/ZJG-315	3.15	25	50	4	3.15
FS-ZJA/ZJG-316	3.16	25	50	4	3.16
FS-ZJA/ZJG-317	3.17	25	50	4	3.17
FS-ZJA/ZJG-318	3.18	25	50	4	3.18
FS-ZJA/ZJG-319	3.19	25	50	4	3.19
FS-ZJA/ZJG-320	3.20	25	50	4	3.20
FS-ZJA/ZJG-321	3.21	25	50	4	3.21
FS-ZJA/ZJG-322	3.22	25	50	4	3.22
FS-ZJA/ZJG-323	3.23	25	50	4	3.23
FS-ZJA/ZJG-324	3.24	25	50	4	3.24
FS-ZJA/ZJG-325	3.25	25	50	4	3.25
FS-ZJA/ZJG-326	3.26	25	50	4	3.26
FS-ZJA/ZJG-327	3.27	25	50	4	3.27
FS-ZJA/ZJG-328	3.28	25	50	4	3.28
FS-ZJA/ZJG-329	3.29	25	50	4	3.29
FS-ZJA/ZJG-330	3.30	25	50	4	3.30
FS-ZJA/ZJG-331	3.31	25	50	4	3.31
FS-ZJA/ZJG-332	3.32	25	50	4	3.32
FS-ZJA/ZJG-333	3.33	25	50	4	3.33
FS-ZJA/ZJG-334	3.34	25	50	4	3.34
FS-ZJA/ZJG-335	3.35	25	50	4	3.35
FS-ZJA/ZJG-336	3.36	25	50	4	3.36
FS-ZJA/ZJG-337	3.37	25	50	4	3.37
FS-ZJA/ZJG-338	3.38	25	50	4	3.38
FS-ZJA/ZJG-339	3.39	25	50	4	3.39
FS-ZJA/ZJG-340	3.40	25	50	4	3.40
FS-ZJA/ZJG-341	3.41	25	50	4	3.41
FS-ZJA/ZJG-342	3.42	25	50	4	3.42
FS-ZJA/ZJG-343	3.43	25	50	4	3.43
FS-ZJA/ZJG-344	3.44	25	50	4	3.44
FS-ZJA/ZJG-345	3.45	25	50	4	3.45
FS-ZJA/ZJG-346	3.46	25	50	4	3.46
FS-ZJA/ZJG-347	3.47	25	50	4	3.47
FS-ZJA/ZJG-348	3.48	25	50	4	3.48
FS-ZJA/ZJG-349	3.49	25	50	4	3.49
FS-ZJA/ZJG-350	3.50	25	50	4	3.50
FS-ZJA/ZJG-351	3.51	25	50	4	3.51
FS-ZJA/ZJG-352	3.52	25	50	4	3.52
FS-ZJA/ZJG-353	3.53	25	50	4	3.53
FS-ZJA/ZJG-354	3.54	25	50	4	3.54
FS-ZJA/ZJG-355	3.55	25	50	4	3.55
FS-ZJA/ZJG-356	3.56	25	50	4	3.56
FS-ZJA/ZJG-357	3.57	25	50	4	3.57
FS-ZJA/ZJG-358	3.58	25	50	4	3.58
FS-ZJA/ZJG-359	3.59	25	50	4	3.59
FS-ZJA/ZJG-360	3.60	25	50	4	3.60
FS-ZJA/ZJG-361	3.61	25	50	4	3.61
FS-ZJA/ZJG-362	3.62	25	50	4	3.62
FS-ZJA/ZJG-363	3.63	25	50	4	3.63
FS-ZJA/ZJG-364	3.64	25	50	4	3.64
FS-ZJA/ZJG-365	3.65	25	50	4	3.65

◎ ZJA 通用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-366	3.66	25	50	4	3.66
FS-ZJA/ZJG-367	3.67	25	50	4	3.67
FS-ZJA/ZJG-368	3.68	25	50	4	3.68
FS-ZJA/ZJG-369	3.69	25	50	4	3.69
FS-ZJA/ZJG-370	3.70	25	50	4	3.70
FS-ZJA/ZJG-371	3.71	25	50	4	3.71
FS-ZJA/ZJG-372	3.72	25	50	4	3.72
FS-ZJA/ZJG-373	3.73	25	50	4	3.73
FS-ZJA/ZJG-374	3.74	25	50	4	3.74
FS-ZJA/ZJG-375	3.75	25	50	4	3.75
FS-ZJA/ZJG-376	3.76	25	50	4	3.76
FS-ZJA/ZJG-377	3.77	25	50	4	3.77
FS-ZJA/ZJG-378	3.78	25	50	4	3.78
FS-ZJA/ZJG-379	3.79	25	50	4	3.79
FS-ZJA/ZJG-380	3.80	25	50	4	3.80
FS-ZJA/ZJG-381	3.81	25	50	4	3.81
FS-ZJA/ZJG-382	3.82	25	50	4	3.82
FS-ZJA/ZJG-383	3.83	25	50	4	3.83
FS-ZJA/ZJG-384	3.84	25	50	4	3.84
FS-ZJA/ZJG-385	3.85	25	50	4	3.85
FS-ZJA/ZJG-386	3.86	25	50	4	3.86
FS-ZJA/ZJG-387	3.87	25	50	4	3.87
FS-ZJA/ZJG-388	3.88	25	50	4	3.88
FS-ZJA/ZJG-389	3.89	25	50	4	3.89
FS-ZJA/ZJG-390	3.90	25	50	4	3.90
FS-ZJA/ZJG-391	3.91	25	50	4	3.91
FS-ZJA/ZJG-392	3.92	25	50	4	3.92
FS-ZJA/ZJG-393	3.93	25	50	4	3.93
FS-ZJA/ZJG-394	3.94	25	50	4	3.94
FS-ZJA/ZJG-395	3.95	25	50	4	3.95
FS-ZJA/ZJG-396	3.96	25	50	4	3.96
FS-ZJA/ZJG-397	3.97	25	50	4	3.97
FS-ZJA/ZJG-398	3.98	25	50	4	3.98
FS-ZJA/ZJG-399	3.99	25	50	4	3.99
FS-ZJA/ZJG-400	4.00	25	50	4	4.00
FS-ZJA/ZJG-401	4.01	25	50	6	4.01
FS-ZJA/ZJG-402	4.02	25	50	6	4.02
FS-ZJA/ZJG-403	4.03	25	50	6	4.03
FS-ZJA/ZJG-404	4.04	25	50	6	4.04
FS-ZJA/ZJG-405	4.05	25	50	6	4.05
FS-ZJA/ZJG-406	4.06	25	50	6	4.06
FS-ZJA/ZJG-407	4.07	25	50	6	4.07
FS-ZJA/ZJG-408	4.08	25	50	6	4.08
FS-ZJA/ZJG-409	4.09	25	50	6	4.09
FS-ZJA/ZJG-410	4.10	25	50	6	4.10
FS-ZJA/ZJG-411	4.11	25	50	6	4.11
FS-ZJA/ZJG-412	4.12	25	50	6	4.12
FS-ZJA/ZJG-413	4.13	25	50	6	4.13
FS-ZJA/ZJG-414	4.14	25	50	6	4.14
FS-ZJA/ZJG-415	4.15	25	50	6	4.15
FS-ZJA/ZJG-416	4.16	25	50	6	4.16
FS-ZJA/ZJG-417	4.17	25	50	6	4.17
FS-ZJA/ZJG-418	4.18	25	50	6	4.18
FS-ZJA/ZJG-419	4.19	25	50	6	4.19
FS-ZJA/ZJG-420	4.20	25	50	6	4.20

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

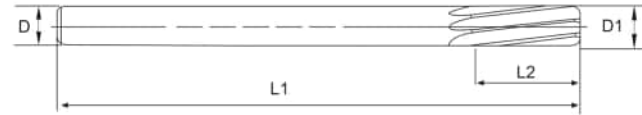
技術資料 Technical Information



國標通用標準

規格區間: D4.21-D5.80

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-421	4.21	25	50	6	4.21
FS-ZJA/ZJG-422	4.22	25	50	6	4.22
FS-ZJA/ZJG-423	4.23	25	50	6	4.23
FS-ZJA/ZJG-424	4.24	25	50	6	4.24
FS-ZJA/ZJG-425	4.25	25	50	6	4.25
FS-ZJA/ZJG-426	4.26	25	50	6	4.26
FS-ZJA/ZJG-427	4.27	25	50	6	4.27
FS-ZJA/ZJG-428	4.28	25	50	6	4.28
FS-ZJA/ZJG-429	4.29	25	50	6	4.29
FS-ZJA/ZJG-430	4.30	25	50	6	4.30
FS-ZJA/ZJG-431	4.31	25	50	6	4.31
FS-ZJA/ZJG-432	4.32	25	50	6	4.32
FS-ZJA/ZJG-433	4.33	25	50	6	4.33
FS-ZJA/ZJG-434	4.34	25	50	6	4.34
FS-ZJA/ZJG-435	4.35	25	50	6	4.35
FS-ZJA/ZJG-436	4.36	25	50	6	4.36
FS-ZJA/ZJG-437	4.37	25	50	6	4.37
FS-ZJA/ZJG-438	4.38	25	50	6	4.38
FS-ZJA/ZJG-439	4.39	25	50	6	4.39
FS-ZJA/ZJG-440	4.40	25	50	6	4.40
FS-ZJA/ZJG-441	4.41	25	50	6	4.41
FS-ZJA/ZJG-442	4.42	25	50	6	4.42
FS-ZJA/ZJG-443	4.43	25	50	6	4.43
FS-ZJA/ZJG-444	4.44	25	50	6	4.44
FS-ZJA/ZJG-445	4.45	25	50	6	4.45

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-446	4.46	25	50	6	4.46
FS-ZJA/ZJG-447	4.47	25	50	6	4.47
FS-ZJA/ZJG-448	4.48	25	50	6	4.48
FS-ZJA/ZJG-449	4.49	25	50	6	4.49
FS-ZJA/ZJG-450	4.50	25	50	6	4.50
FS-ZJA/ZJG-451	4.51	25	50	6	4.51
FS-ZJA/ZJG-452	4.52	25	50	6	4.52
FS-ZJA/ZJG-453	4.53	25	50	6	4.53
FS-ZJA/ZJG-454	4.54	25	50	6	4.54
FS-ZJA/ZJG-455	4.55	25	50	6	4.55
FS-ZJA/ZJG-456	4.56	25	50	6	4.56
FS-ZJA/ZJG-457	4.57	25	50	6	4.57
FS-ZJA/ZJG-458	4.58	25	50	6	4.58
FS-ZJA/ZJG-459	4.59	25	50	6	4.59
FS-ZJA/ZJG-460	4.60	25	50	6	4.60
FS-ZJA/ZJG-461	4.61	25	50	6	4.61
FS-ZJA/ZJG-462	4.62	25	50	6	4.62
FS-ZJA/ZJG-463	4.63	25	50	6	4.63
FS-ZJA/ZJG-464	4.64	25	50	6	4.64
FS-ZJA/ZJG-465	4.65	25	50	6	4.65
FS-ZJA/ZJG-466	4.66	25	50	6	4.66
FS-ZJA/ZJG-467	4.67	25	50	6	4.67
FS-ZJA/ZJG-468	4.68	25	50	6	4.68
FS-ZJA/ZJG-469	4.69	25	50	6	4.69
FS-ZJA/ZJG-470	4.70	25	50	6	4.70

◎ ZJA 通用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-471	4.71	25	50	6	4.71
FS-ZJA/ZJG-472	4.72	25	50	6	4.72
FS-ZJA/ZJG-473	4.73	25	50	6	4.73
FS-ZJA/ZJG-474	4.74	25	50	6	4.74
FS-ZJA/ZJG-475	4.75	25	50	6	4.75
FS-ZJA/ZJG-476	4.76	25	50	6	4.76
FS-ZJA/ZJG-477	4.77	25	50	6	4.77
FS-ZJA/ZJG-478	4.78	25	50	6	4.78
FS-ZJA/ZJG-479	4.79	25	50	6	4.79
FS-ZJA/ZJG-480	4.80	25	50	6	4.80
FS-ZJA/ZJG-481	4.81	25	50	6	4.81
FS-ZJA/ZJG-482	4.82	25	50	6	4.82
FS-ZJA/ZJG-483	4.83	25	50	6	4.83
FS-ZJA/ZJG-484	4.84	25	50	6	4.84
FS-ZJA/ZJG-485	4.85	25	50	6	4.85
FS-ZJA/ZJG-486	4.86	25	50	6	4.86
FS-ZJA/ZJG-487	4.87	25	50	6	4.87
FS-ZJA/ZJG-488	4.88	25	50	6	4.88
FS-ZJA/ZJG-489	4.89	25	50	6	4.89
FS-ZJA/ZJG-490	4.90	25	50	6	4.90
FS-ZJA/ZJG-491	4.91	30	60	6	4.91
FS-ZJA/ZJG-492	4.92	30	60	6	4.92
FS-ZJA/ZJG-493	4.93	30	60	6	4.93
FS-ZJA/ZJG-494	4.94	30	60	6	4.94
FS-ZJA/ZJG-495	4.95	30	60	6	4.95
FS-ZJA/ZJG-496	4.96	30	60	6	4.96
FS-ZJA/ZJG-497	4.97	30	60	6	4.97
FS-ZJA/ZJG-498	4.98	30	60	6	4.98
FS-ZJA/ZJG-499	4.99	30	60	6	4.99
FS-ZJA/ZJG-500	5.00	30	60	6	5.00
FS-ZJA/ZJG-501	5.01	30	60	6	5.01
FS-ZJA/ZJG-502	5.02	30	60	6	5.02
FS-ZJA/ZJG-503	5.03	30	60	6	5.03
FS-ZJA/ZJG-504	5.04	30	60	6	5.04
FS-ZJA/ZJG-505	5.05	30	60	6	5.05
FS-ZJA/ZJG-506	5.06	30	60	6	5.06
FS-ZJA/ZJG-507	5.07	30	60	6	5.07
FS-ZJA/ZJG-508	5.08	30	60	6	5.08
FS-ZJA/ZJG-509	5.09	30	60	6	5.09
FS-ZJA/ZJG-510	5.10	30	60	6	5.10
FS-ZJA/ZJG-511	5.11	30	60	6	5.11
FS-ZJA/ZJG-512	5.12	30	60	6	5.12
FS-ZJA/ZJG-513	5.13	30	60	6	5.13
FS-ZJA/ZJG-514	5.14	30	60	6	5.14
FS-ZJA/ZJG-515	5.15	30	60	6	5.15
FS-ZJA/ZJG-516	5.16	30	60	6	5.16
FS-ZJA/ZJG-517	5.17	30	60	6	5.17
FS-ZJA/ZJG-518	5.18	30	60	6	5.18
FS-ZJA/ZJG-519	5.19	30	60	6	5.19
FS-ZJA/ZJG-520	5.20	30	60	6	5.20
FS-ZJA/ZJG-521	5.21	30	60	6	5.21
FS-ZJA/ZJG-522	5.22	30	60	6	5.22
FS-ZJA/ZJG-523	5.23	30	60	6	5.23
FS-ZJA/ZJG-524	5.24	30	60	6	5.24
FS-ZJA/ZJG-525	5.25	30	60	6	5.25

◎ ZJA 通用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-526	5.26	30	60	6	5.26
FS-ZJA/ZJG-527	5.27	30	60	6	5.27
FS-ZJA/ZJG-528	5.28	30	60	6	5.28
FS-ZJA/ZJG-529	5.29	30	60	6	5.29
FS-ZJA/ZJG-530	5.30	30	60	6	5.30
FS-ZJA/ZJG-531	5.31	30	60	6	5.31
FS-ZJA/ZJG-532	5.32	30	60	6	5.32
FS-ZJA/ZJG-533	5.33	30	60	6	5.33
FS-ZJA/ZJG-534	5.34	30	60	6	5.34
FS-ZJA/ZJG-535	5.35	30	60	6	5.35
FS-ZJA/ZJG-536	5.36	30	60	6	5.36
FS-ZJA/ZJG-537	5.37	30	60	6	5.37
FS-ZJA/ZJG-538	5.38	30	60	6	5.38
FS-ZJA/ZJG-539	5.39	30	60	6	5.39
FS-ZJA/ZJG-540	5.40	30	60	6	5.40
FS-ZJA/ZJG-541	5.41	30	60	6	5.41
FS-ZJA/ZJG-542	5.42	30	60	6	5.42
FS-ZJA/ZJG-543	5.43	30	60	6	5.43
FS-ZJA/ZJG-544	5.44	30	60	6	5.44
FS-ZJA/ZJG-545	5.45	30	60	6	5.45
FS-ZJA/ZJG-546	5.46	30	60	6	5.46
FS-ZJA/ZJG-547	5.47	30	60	6	5.47
FS-ZJA/ZJG-548	5.48	30	60	6	5.48
FS-ZJA/ZJG-549	5.49	30	60	6	5.49
FS-ZJA/ZJG-550	5.50	30	60	6	5.50
FS-ZJA/ZJG-551	5.51	30	60	6	5.51
FS-ZJA/ZJG-552	5.52	30	60	6	5.52
FS-ZJA/ZJG-553	5.53	30	60	6	5.53
FS-ZJA/ZJG-554	5.54	30	60	6	5.54
FS-ZJA/ZJG-555	5.55	30	60	6	5.55
FS-ZJA/ZJG-556	5.56	30	60	6	5.56
FS-ZJA/ZJG-557	5.57	30	60	6	5.57
FS-ZJA/ZJG-558	5.58	30	60	6	5.58
FS-ZJA/ZJG-559	5.59	30	60	6	5.59
FS-ZJA/ZJG-560	5.60	30	60	6	5.60
FS-ZJA/ZJG-561	5.61	30	60	6	5.61
FS-ZJA/ZJG-562	5.62	30	60	6	5.62
FS-ZJA/ZJG-563	5.63	30	60	6	5.63
FS-ZJA/ZJG-564	5.64	30	60	6	5.64
FS-ZJA/ZJG-565	5.65	30	60	6	5.65
FS-ZJA/ZJG-566	5.66	30	60	6	5.66
FS-ZJA/ZJG-567	5.67	30	60	6	5.67
FS-ZJA/ZJG-568	5.68	30	60	6	5.68
FS-ZJA/ZJG-569	5.69	30	60	6	5.69
FS-ZJA/ZJG-570	5.70	30	60	6	5.70
FS-ZJA/ZJG-571	5.71	30	60	6	5.71
FS-ZJA/ZJG-572	5.72	30	60	6	5.72
FS-ZJA/ZJG-573	5.73	30	60	6	5.73
FS-ZJA/ZJG-574	5.74	30	60	6	5.74
FS-ZJA/ZJG-575	5.75	30	60	6	5.75
FS-ZJA/ZJG-576	5.76	30	60	6	5.76
FS-ZJA/ZJG-577	5.77	30	60	6	5.77
FS-ZJA/ZJG-578	5.78	30	60	6	5.78
FS-ZJA/ZJG-579	5.79	30	60	6	5.79
FS-ZJA/ZJG-580	5.80	30	60	6	5.80

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

FS-ZJA/ZJG系列

直柄通用型钨钢螺旋铰刀

Tungsten Steel Spiral Reamer With Straight Shank



高效·精密·耐用

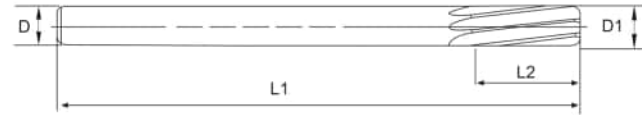
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D5.81-D7.40

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-581	5.81	30	60	6	5.81
FS-ZJA/ZJG-582	5.82	30	60	6	5.82
FS-ZJA/ZJG-583	5.83	30	60	6	5.83
FS-ZJA/ZJG-584	5.84	30	60	6	5.84
FS-ZJA/ZJG-585	5.85	30	60	6	5.85
FS-ZJA/ZJG-586	5.86	30	60	6	5.86
FS-ZJA/ZJG-587	5.87	30	60	6	5.87
FS-ZJA/ZJG-588	5.88	30	60	6	5.88
FS-ZJA/ZJG-589	5.89	30	60	6	5.89
FS-ZJA/ZJG-590	5.90	30	60	6	5.90
FS-ZJA/ZJG-591	5.91	30	60	6	5.91
FS-ZJA/ZJG-592	5.92	30	60	6	5.92
FS-ZJA/ZJG-593	5.93	30	60	6	5.93
FS-ZJA/ZJG-594	5.94	30	60	6	5.94
FS-ZJA/ZJG-595	5.95	30	60	6	5.95
FS-ZJA/ZJG-596	5.96	30	60	6	5.96
FS-ZJA/ZJG-597	5.97	30	60	6	5.97
FS-ZJA/ZJG-598	5.98	30	60	6	5.98
FS-ZJA/ZJG-599	5.99	30	60	6	5.99
FS-ZJA/ZJG-600	6.00	30	60	6	6.00
FS-ZJA/ZJG-601	6.01	30	60	6	6.01
FS-ZJA/ZJG-602	6.02	30	60	6	6.02
FS-ZJA/ZJG-603	6.03	30	60	6	6.03
FS-ZJA/ZJG-604	6.04	30	60	6	6.04
FS-ZJA/ZJG-605	6.05	30	60	6	6.05

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-606	6.06	30	60	6	6.06
FS-ZJA/ZJG-607	6.07	30	60	6	6.07
FS-ZJA/ZJG-608	6.08	30	60	6	6.08
FS-ZJA/ZJG-609	6.09	30	60	6	6.09
FS-ZJA/ZJG-610	6.10	30	60	6	6.10
FS-ZJA/ZJG-611	6.11	30	60	6	6.11
FS-ZJA/ZJG-612	6.12	30	60	6	6.12
FS-ZJA/ZJG-613	6.13	30	60	6	6.13
FS-ZJA/ZJG-614	6.14	30	60	6	6.14
FS-ZJA/ZJG-615	6.15	30	60	6	6.15
FS-ZJA/ZJG-616	6.16	30	60	6	6.16
FS-ZJA/ZJG-617	6.17	30	60	6	6.17
FS-ZJA/ZJG-618	6.18	30	60	6	6.18
FS-ZJA/ZJG-619	6.19	30	60	6	6.19
FS-ZJA/ZJG-620	6.20	30	60	6	6.20
FS-ZJA/ZJG-621	6.21	30	60	6	6.21
FS-ZJA/ZJG-622	6.22	30	60	6	6.22
FS-ZJA/ZJG-623	6.23	30	60	6	6.23
FS-ZJA/ZJG-624	6.24	30	60	6	6.24
FS-ZJA/ZJG-625	6.25	30	60	6	6.25
FS-ZJA/ZJG-626	6.26	30	60	6	6.26
FS-ZJA/ZJG-627	6.27	30	60	6	6.27
FS-ZJA/ZJG-628	6.28	30	60	6	6.28
FS-ZJA/ZJG-629	6.29	30	60	6	6.29
FS-ZJA/ZJG-630	6.30	30	60	6	6.30

◎ ZJA 通用切削材料: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材料: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

◎ ZJG 塗層刀具: 依照被加工材料不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-631	6.31	30	60	6	6.31
FS-ZJA/ZJG-632	6.32	30	60	6	6.32
FS-ZJA/ZJG-633	6.33	30	60	6	6.33
FS-ZJA/ZJG-634	6.34	30	60	6	6.34
FS-ZJA/ZJG-635	6.35	30	60	6	6.35
FS-ZJA/ZJG-636	6.36	30	60	6	6.36
FS-ZJA/ZJG-637	6.37	30	60	6	6.37
FS-ZJA/ZJG-638	6.38	30	60	6	6.38
FS-ZJA/ZJG-639	6.39	30	60	6	6.39
FS-ZJA/ZJG-640	6.40	30	60	6	6.40
FS-ZJA/ZJG-641	6.41	30	60	6	6.41
FS-ZJA/ZJG-642	6.42	30	60	6	6.42
FS-ZJA/ZJG-643	6.43	30	60	6	6.43
FS-ZJA/ZJG-644	6.44	30	60	6	6.44
FS-ZJA/ZJG-645	6.45	30	60	6	6.45
FS-ZJA/ZJG-646	6.46	30	60	6	6.46
FS-ZJA/ZJG-647	6.47	30	60	6	6.47
FS-ZJA/ZJG-648	6.48	30	60	6	6.48
FS-ZJA/ZJG-649	6.49	30	60	6	6.49
FS-ZJA/ZJG-650	6.50	30	60	6	6.50
FS-ZJA/ZJG-651	6.51	30	60	6	6.51
FS-ZJA/ZJG-652	6.52	30	60	6	6.52
FS-ZJA/ZJG-653	6.53	30	60	6	6.53
FS-ZJA/ZJG-654	6.54	30	60	6	6.54
FS-ZJA/ZJG-655	6.55	30	60	6	6.55
FS-ZJA/ZJG-656	6.56	30	60	6	6.56
FS-ZJA/ZJG-657	6.57	30	60	6	6.57
FS-ZJA/ZJG-658	6.58	30	60	6	6.58
FS-ZJA/ZJG-659	6.59	30	60	6	6.59
FS-ZJA/ZJG-660	6.60	30	60	6	6.60
FS-ZJA/ZJG-661	6.61	30	60	6	6.61
FS-ZJA/ZJG-662	6.62	30	60	6	6.62
FS-ZJA/ZJG-663	6.63	30	60	6	6.63
FS-ZJA/ZJG-664	6.64	30	60	6	6.64
FS-ZJA/ZJG-665	6.65	30	60	6	6.65
FS-ZJA/ZJG-666	6.66	30	60	6	6.66
FS-ZJA/ZJG-667	6.67	30	60	6	6.67
FS-ZJA/ZJG-668	6.68	30	60	6	6.68
FS-ZJA/ZJG-669	6.69	30	60	6	6.69
FS-ZJA/ZJG-670	6.70	30	60	6	6.70
FS-ZJA/ZJG-671	6.71	30	60	6	6.71
FS-ZJA/ZJG-672	6.72	30	60	6	6.72
FS-ZJA/ZJG-673	6.73	30	60	6	6.73
FS-ZJA/ZJG-674	6.74	30	60	6	6.74
FS-ZJA/ZJG-675	6.75	30	60	6	6.75
FS-ZJA/ZJG-676	6.76	30	60	6	6.76
FS-ZJA/ZJG-677	6.77	30	60	6	6.77
FS-ZJA/ZJG-678	6.78	30	60	6	6.78
FS-ZJA/ZJG-679	6.79	30	60	6	6.79
FS-ZJA/ZJG-680	6.80	30	60	6	6.80
FS-ZJA/ZJG-681	6.81	30	60	6	6.81
FS-ZJA/ZJG-682	6.82	30	60	6	6.82
FS-ZJA/ZJG-683	6.83	30	60	6	6.83
FS-ZJA/ZJG-684	6.84	30	60	6	6.84
FS-ZJA/ZJG-685	6.85	30	60	6	6.85

◎ ZJA 通用切削材料: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材料: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-686	6.86	30	60	6	6.86
FS-ZJA/ZJG-687	6.87	30	60	6	6.87
FS-ZJA/ZJG-688	6.88	30	60	6	6.88
FS-ZJA/ZJG-689	6.89	30	60	6	6.89
FS-ZJA/ZJG-690	6.90	30	60	6	6.90
FS-ZJA/ZJG-691	6.91	30	60	6	6.91
FS-ZJA/ZJG-692	6.92	30	60	6	6.92
FS-ZJA/ZJG-693	6.93	30	60	6	6.93
FS-ZJA/ZJG-694	6.94	30	60	6	6.94
FS-ZJA/ZJG-695	6.95	30	60	6	6.95
FS-ZJA/ZJG-696	6.96	30	60	6	6.96
FS-ZJA/ZJG-697	6.97	30	60	6	6.97
FS-ZJA/ZJG-698	6.98	30	60	6	6.98
FS-ZJA/ZJG-699	6.99	30	60	6	6.99
FS-ZJA/ZJG-700	7.00	30	60	6	7.00
FS-ZJA/ZJG-701	7.01	30	60	6	7.01
FS-ZJA/ZJG-702	7.02	30	60	6	7.02
FS-ZJA/ZJG-703	7.03	30	60	6	7.03
FS-ZJA/ZJG-704	7.04	30	60	6	7.04
FS-ZJA/ZJG-705	7.05	30	60	6	7.05
FS-ZJA/ZJG-706	7.06	30	60	6	7.06
FS-ZJA/ZJG-707	7.07	30	60	6	7.07
FS-ZJA/ZJG-708	7.08	30	60	6	7.08
FS-ZJA/ZJG-709	7.09	30	60	6	7.09
FS-ZJA/ZJG-710	7.10	30	60	6	7.10
FS-ZJA/ZJG-711	7.11	30	60	6	7.11
FS-ZJA/ZJG-712	7.12	30	60	6	7.12
FS-ZJA/ZJG-713	7.13	30	60	6	7.13
FS-ZJA/ZJG-714	7.14	30	60	6	7.14
FS-ZJA/ZJG-715	7.15	30	60	6	7.15
FS-ZJA/ZJG-716	7.16	30	60	6	7.16
FS-ZJA/ZJG-717	7.17	30	60	6	7.17
FS-ZJA/ZJG-718	7.18	30	60	6	7.18
FS-ZJA/ZJG-719	7.19	30	60	6	7.19
FS-ZJA/ZJG-720	7.20	30	60	6	7.20
FS-ZJA/ZJG-721	7.21	30	60	6	7.21
FS-ZJA/ZJG-722	7.22	30	60	6	7.22
FS-ZJA/ZJG-723	7.23	30	60	6	7.23
FS-ZJA/ZJG-724	7.24	30	60	6	7.24
FS-ZJA/ZJG-725	7.25	30	60	6	7.25
FS-ZJA/ZJG-726	7.26	30	60	6	7.26
FS-ZJA/ZJG-727	7.27	30	60	6	7.27
FS-ZJA/ZJG-728	7.28	30	60	6	7.28
FS-ZJA/ZJG-729	7.29	30	60	6	7.29
FS-ZJA/ZJG-730	7.30	30	60	6	7.30
FS-ZJA/ZJG-731	7.31	30	60	6	7.31
FS-ZJA/ZJG-732	7.32	30	60	6	7.32
FS-ZJA/ZJG-733	7.33	30	60	6	7.33
FS-ZJA/ZJG-734	7.34	30	60	6	7.34
FS-ZJA/ZJG-735	7.35	30	60	6	7.35
FS-ZJA/ZJG-736	7.36	30	60	6	7.36
FS-ZJA/ZJG-737	7.37	30	60	6	7.37
FS-ZJA/ZJG-738	7.38	30	60	6	7.38
FS-ZJA/ZJG-739	7.39	30	60	6	7.39
FS-ZJA/ZJG-740	7.40	30	60	6	7.40

◎ ZJG 塗層刀具: 依照被加工材料不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

直柄通用型钨钢螺旋铰刀

Tungsten Steel Spiral Reamer With Straight Shank

高效 · 精密 · 耐用

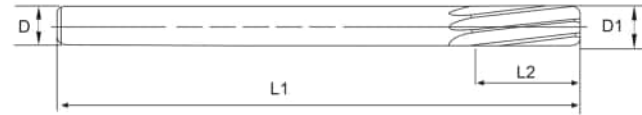
High Efficiency · Precision · Economy And Durability



國標通用標準

規格區間: D7.41-D9.00

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-741	7.41	30	60	6	7.41
FS-ZJA/ZJG-742	7.42	30	60	6	7.42
FS-ZJA/ZJG-743	7.43	30	60	6	7.43
FS-ZJA/ZJG-744	7.44	30	60	6	7.44
FS-ZJA/ZJG-745	7.45	30	60	6	7.45
FS-ZJA/ZJG-746	7.46	30	60	6	7.46
FS-ZJA/ZJG-747	7.47	30	60	6	7.47
FS-ZJA/ZJG-748	7.48	30	60	6	7.48
FS-ZJA/ZJG-749	7.49	30	60	6	7.49
FS-ZJA/ZJG-750	7.50	35	70	6	7.50
FS-ZJA/ZJG-751	7.51	35	70	6	7.51
FS-ZJA/ZJG-752	7.52	35	70	6	7.52
FS-ZJA/ZJG-753	7.53	35	70	6	7.53
FS-ZJA/ZJG-754	7.54	35	70	6	7.54
FS-ZJA/ZJG-755	7.55	35	70	6	7.55
FS-ZJA/ZJG-756	7.56	35	70	6	7.56
FS-ZJA/ZJG-757	7.57	35	70	6	7.57
FS-ZJA/ZJG-758	7.58	35	70	6	7.58
FS-ZJA/ZJG-759	7.59	35	70	6	7.59
FS-ZJA/ZJG-760	7.60	35	70	6	7.60
FS-ZJA/ZJG-761	7.61	35	70	6	7.61
FS-ZJA/ZJG-762	7.62	35	70	6	7.62
FS-ZJA/ZJG-763	7.63	35	70	6	7.63
FS-ZJA/ZJG-764	7.64	35	70	6	7.64
FS-ZJA/ZJG-765	7.65	35	70	6	7.65

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-766	7.66	35	70	6	7.66
FS-ZJA/ZJG-767	7.67	35	70	6	7.67
FS-ZJA/ZJG-768	7.68	35	70	6	7.68
FS-ZJA/ZJG-769	7.69	35	70	6	7.69
FS-ZJA/ZJG-770	7.70	35	70	6	7.70
FS-ZJA/ZJG-771	7.71	35	70	6	7.71
FS-ZJA/ZJG-772	7.72	35	70	6	7.72
FS-ZJA/ZJG-773	7.73	35	70	6	7.73
FS-ZJA/ZJG-774	7.74	35	70	6	7.74
FS-ZJA/ZJG-775	7.75	35	70	6	7.75
FS-ZJA/ZJG-776	7.76	35	70	6	7.76
FS-ZJA/ZJG-777	7.77	35	70	6	7.77
FS-ZJA/ZJG-778	7.78	35	70	6	7.78
FS-ZJA/ZJG-779	7.79	35	70	6	7.79
FS-ZJA/ZJG-780	7.80	35	70	6	7.80
FS-ZJA/ZJG-781	7.81	35	70	6	7.81
FS-ZJA/ZJG-782	7.82	35	70	6	7.82
FS-ZJA/ZJG-783	7.83	35	70	6	7.83
FS-ZJA/ZJG-784	7.84	35	70	6	7.84
FS-ZJA/ZJG-785	7.85	35	70	6	7.85
FS-ZJA/ZJG-786	7.86	35	70	6	7.86
FS-ZJA/ZJG-787	7.87	35	70	6	7.87
FS-ZJA/ZJG-788	7.88	35	70	6	7.88
FS-ZJA/ZJG-789	7.89	35	70	6	7.89
FS-ZJA/ZJG-790	7.90	35	70	6	7.90

◎ ZJA 通用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-791	7.91	35	70	6	7.91
FS-ZJA/ZJG-792	7.92	35	70	6	7.92
FS-ZJA/ZJG-793	7.93	35	70	6	7.93
FS-ZJA/ZJG-794	7.94	35	70	6	7.94
FS-ZJA/ZJG-795	7.95	35	70	6	7.95
FS-ZJA/ZJG-796	7.96	35	70	6	7.96
FS-ZJA/ZJG-797	7.97	35	70	6	7.97
FS-ZJA/ZJG-798	7.98	35	70	6	7.98
FS-ZJA/ZJG-799	7.99	35	70	6	7.99
FS-ZJA/ZJG-800	8.00	35	70	6	8.00
FS-ZJA/ZJG-801	8.01	35	70	6	8.01
FS-ZJA/ZJG-802	8.02	35	70	6	8.02
FS-ZJA/ZJG-803	8.03	35	70	6	8.03
FS-ZJA/ZJG-804	8.04	35	70	6	8.04
FS-ZJA/ZJG-805	8.05	35	70	6	8.05
FS-ZJA/ZJG-806	8.06	35	70	6	8.06
FS-ZJA/ZJG-807	8.07	35	70	6	8.07
FS-ZJA/ZJG-808	8.08	35	70	6	8.08
FS-ZJA/ZJG-809	8.09	35	70	6	8.09
FS-ZJA/ZJG-810	8.10	35	70	6	8.10
FS-ZJA/ZJG-811	8.11	35	70	6	8.11
FS-ZJA/ZJG-812	8.12	35	70	6	8.12
FS-ZJA/ZJG-813	8.13	35	70	6	8.13
FS-ZJA/ZJG-814	8.14	35	70	6	8.14
FS-ZJA/ZJG-815	8.15	35	70	6	8.15
FS-ZJA/ZJG-816	8.16	35	70	6	8.16
FS-ZJA/ZJG-817	8.17	35	70	6	8.17
FS-ZJA/ZJG-818	8.18	35	70	6	8.18
FS-ZJA/ZJG-819	8.19	35	70	6	8.19
FS-ZJA/ZJG-820	8.20	35	70	6	8.20
FS-ZJA/ZJG-821	8.21	35	70	6	8.21
FS-ZJA/ZJG-822	8.22	35	70	6	8.22
FS-ZJA/ZJG-823	8.23	35	70	6	8.23
FS-ZJA/ZJG-824	8.24	35	70	6	8.24
FS-ZJA/ZJG-825	8.25	35	70	6	8.25
FS-ZJA/ZJG-826	8.26	35	70	6	8.26
FS-ZJA/ZJG-827	8.27	35	70	6	8.27
FS-ZJA/ZJG-828	8.28	35	70	6	8.28
FS-ZJA/ZJG-829	8.29	35	70	6	8.29
FS-ZJA/ZJG-830	8.30	35	70	6	8.30
FS-ZJA/ZJG-831	8.31	35	70	6	8.31
FS-ZJA/ZJG-832	8.32	35	70	6	8.32
FS-ZJA/ZJG-833	8.33	35	70	6	8.33
FS-ZJA/ZJG-834	8.34	35	70	6	8.34
FS-ZJA/ZJG-835	8.35	35	70	6	8.35
FS-ZJA/ZJG-836	8.36	35	70	6	8.36
FS-ZJA/ZJG-837	8.37	35	70	6	8.37
FS-ZJA/ZJG-838	8.38	35	70	6	8.38
FS-ZJA/ZJG-839	8.39	35	70	6	8.39
FS-ZJA/ZJG-840	8.40	35	70	6	8.40
FS-ZJA/ZJG-841	8.41	35	70	6	8.41
FS-ZJA/ZJG-842	8.42	35	70	6	8.42
FS-ZJA/ZJG-843	8.43	35	70	6	8.43
FS-ZJA/ZJG-844	8.44	35	70	6	8.44
FS-ZJA/ZJG-845	8.45	35	70	6	8.45

◎ ZJA 通用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-846	8.46	35	70	6	8.46
FS-ZJA/ZJG-847	8.47	35	70	6	8.47
FS-ZJA/ZJG-848	8.48	35	70	6	8.48
FS-ZJA/ZJG-849	8.49	35	70	6	8.49
FS-ZJA/ZJG-850	8.50	40	80	6	8.50
FS-ZJA/ZJG-851	8.51	40	80	6	8.51
FS-ZJA/ZJG-852	8.52	40	80	6	8.52
FS-ZJA/ZJG-853	8.53	40	80	6	8.53
FS-ZJA/ZJG-854	8.54	40	80	6	8.54
FS-ZJA/ZJG-855	8.55	40	80	6	8.55
FS-ZJA/ZJG-856	8.56	40	80	6	8.56
FS-ZJA/ZJG-857	8.57	40	80	6	8.57
FS-ZJA/ZJG-858	8.58	40	80	6	8.58
FS-ZJA/ZJG-859	8.59	40	80	6	8.59
FS-ZJA/ZJG-860	8.60	40	80	6	8.60
FS-ZJA/ZJG-861	8.61	40	80	6	8.61
FS-ZJA/ZJG-862	8.62	40	80	6	8.62
FS-ZJA/ZJG-863	8.63	40	80	6	8.63
FS-ZJA/ZJG-864	8.64	40	80	6	8.64
FS-ZJA/ZJG-865	8.65	40	80	6	8.65
FS-ZJA/ZJG-866	8.66	40	80	6	8.66
FS-ZJA/ZJG-867	8.67	40	80	6	8.67
FS-ZJA/ZJG-868	8.68	40	80	6	8.68
FS-ZJA/ZJG-869	8.69	40	80	6	8.69
FS-ZJA/ZJG-870	8.70	40	80	6	8.70
FS-ZJA/ZJG-871	8.71	40	80	6	8.71
FS-ZJA/ZJG-872	8.72	40	80	6	8.72
FS-ZJA/ZJG-873	8.73	40	80	6	8.73
FS-ZJA/ZJG-874	8.74	40	80	6	8.74
FS-ZJA/ZJG-875	8.75	40	80	6	8.75
FS-ZJA/ZJG-876	8.76	40	80	6	8.76
FS-ZJA/ZJG-877	8.77	40	80	6	8.77
FS-ZJA/ZJG-878	8.78	40	80	6	8.78
FS-ZJA/ZJG-879	8.79	40	80	6	8.79
FS-ZJA/ZJG-880	8.80	40	80	6	8.80
FS-ZJA/ZJG-881	8.81	40	80	6	8.81
FS-ZJA/ZJG-882	8.82	40	80	6	8.82
FS-ZJA/ZJG-883	8.83	40	80	6	8.83
FS-ZJA/ZJG-884	8.84	40	80	6	8.84
FS-ZJA/ZJG-885	8.85	40	80	6	8.85
FS-ZJA/ZJG-886	8.86	40	80	6	8.86
FS-ZJA/ZJG-887	8.87	40	80	6	8.87
FS-ZJA/ZJG-888	8.88	40	80	6	8.88
FS-ZJA/ZJG-889	8.89	40	80	6	8.89
FS-ZJA/ZJG-890	8.90	40	80	6	8.90
FS-ZJA/ZJG-891	8.91	40	80	6	8.91
FS-ZJA/ZJG-892	8.92	40	80	6	8.92
FS-ZJA/ZJG-893	8.93	40	80	6	8.93
FS-ZJA/ZJG-894	8.94	40	80	6	8.94
FS-ZJA/ZJG-895	8.95	40	80	6	8.95
FS-ZJA/ZJG-896	8.96	40	80	6	8.96
FS-ZJA/ZJG-897	8.97	40	80	6	8.97
FS-ZJA/ZJG-898	8.98	40	80	6	8.98
FS-ZJA/ZJG-899	8.99	40	80	6	8.99
FS-ZJA/ZJG-900	9.00	40	80	6	9.00

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

FS-ZJA/ZJG系列

直柄通用型钨钢螺旋铰刀

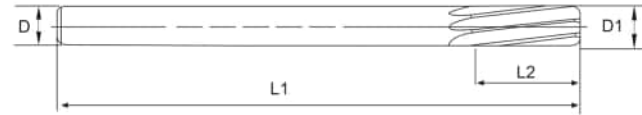
Tungsten Steel Spiral Reamer With Straight Shank



國標通用標準

規格區間: D9.01-D10.60

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FFS-ZJA/ZJG-901	9.01	40	80	6	9.01
FS-ZJA/ZJG-902	9.02	40	80	6	9.02
FS-ZJA/ZJG-903	9.03	40	80	6	9.03
FS-ZJA/ZJG-904	9.04	40	80	6	9.04
FS-ZJA/ZJG-905	9.05	40	80	6	9.05
FS-ZJA/ZJG-906	9.06	40	80	6	9.06
FS-ZJA/ZJG-907	9.07	40	80	6	9.07
FS-ZJA/ZJG-908	9.08	40	80	6	9.08
FS-ZJA/ZJG-909	9.09	40	80	6	9.09
FS-ZJA/ZJG-910	9.10	40	80	6	9.10
FS-ZJA/ZJG-911	9.11	40	80	6	9.11
FS-ZJA/ZJG-912	9.12	40	80	6	9.12
FS-ZJA/ZJG-913	9.13	40	80	6	9.13
FS-ZJA/ZJG-914	9.14	40	80	6	9.14
FS-ZJA/ZJG-915	9.15	40	80	6	9.15
FS-ZJA/ZJG-916	9.16	40	80	6	9.16
FS-ZJA/ZJG-917	9.17	40	80	6	9.17
FS-ZJA/ZJG-918	9.18	40	80	6	9.18
FS-ZJA/ZJG-919	9.19	40	80	6	9.19
FS-ZJA/ZJG-920	9.20	40	80	6	9.20
FS-ZJA/ZJG-921	9.21	40	80	6	9.21
FS-ZJA/ZJG-922	9.22	40	80	6	9.22
FS-ZJA/ZJG-923	9.23	40	80	6	9.23
FS-ZJA/ZJG-924	9.24	40	80	6	9.24
FS-ZJA/ZJG-925	9.25	40	80	6	9.25

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-926	9.26	40	80	6	9.26
FS-ZJA/ZJG-927	9.27	40	80	6	9.27
FS-ZJA/ZJG-928	9.28	40	80	6	9.28
FS-ZJA/ZJG-929	9.29	40	80	6	9.29
FS-ZJA/ZJG-930	9.30	40	80	6	9.30
FS-ZJA/ZJG-931	9.31	40	80	6	9.31
FS-ZJA/ZJG-932	9.32	40	80	6	9.32
FS-ZJA/ZJG-933	9.33	40	80	6	9.33
FS-ZJA/ZJG-934	9.34	40	80	6	9.34
FS-ZJA/ZJG-935	9.35	40	80	6	9.35
FS-ZJA/ZJG-936	9.36	40	80	6	9.36
FS-ZJA/ZJG-937	9.37	40	80	6	9.37
FS-ZJA/ZJG-938	9.38	40	80	6	9.38
FS-ZJA/ZJG-939	9.39	40	80	6	9.39
FS-ZJA/ZJG-940	9.40	40	80	6	9.40
FS-ZJA/ZJG-941	9.41	40	80	6	9.41
FS-ZJA/ZJG-942	9.42	40	80	6	9.42
FS-ZJA/ZJG-943	9.43	40	80	6	9.43
FS-ZJA/ZJG-944	9.44	40	80	6	9.44
FS-ZJA/ZJG-945	9.45	40	80	6	9.45
FS-ZJA/ZJG-946	9.46	40	80	6	9.46
FS-ZJA/ZJG-947	9.47	40	80	6	9.47
FS-ZJA/ZJG-948	9.48	40	80	6	9.48
FS-ZJA/ZJG-949	9.49	40	80	6	9.49
FS-ZJA/ZJG-950	9.50	40	80	6	9.50

◎ ZJA 通用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors



高效 · 精密 · 耐用

High Efficiency · Precision · Economy And Durability

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-951	9.51	40	80	6	9.51
FS-ZJA/ZJG-952	9.52	40	80	6	9.52
FS-ZJA/ZJG-953	9.53	40	80	6	9.53
FS-ZJA/ZJG-954	9.54	40	80	6	9.54
FS-ZJA/ZJG-955	9.55	40	80	6	9.55
FS-ZJA/ZJG-956	9.56	40	80	6	9.56
FS-ZJA/ZJG-957	9.57	40	80	6	9.57
FS-ZJA/ZJG-958	9.58	40	80	6	9.58
FS-ZJA/ZJG-959	9.59	40	80	6	9.59
FS-ZJA/ZJG-960	9.60	40	80	6	9.60
FS-ZJA/ZJG-961	9.61	40	80	6	9.61
FS-ZJA/ZJG-962	9.62	40	80	6	9.62
FS-ZJA/ZJG-963	9.63	40	80	6	9.63
FS-ZJA/ZJG-964	9.64	40	80	6	9.64
FS-ZJA/ZJG-965	9.65	40	80	6	9.65
FS-ZJA/ZJG-966	9.66	40	80	6	9.66
FS-ZJA/ZJG-967	9.67	40	80	6	9.67
FS-ZJA/ZJG-968	9.68	40	80	6	9.68
FS-ZJA/ZJG-969	9.69	40	80	6	9.69
FS-ZJA/ZJG-970	9.70	40	80	6	9.70
FS-ZJA/ZJG-971	9.71	40	80	6	9.71
FS-ZJA/ZJG-972	9.72	40	80	6	9.72
FS-ZJA/ZJG-973	9.73	40	80	6	9.73
FS-ZJA/ZJG-974	9.74	40	80	6	9.74
FS-ZJA/ZJG-975	9.75	40	80	6	9.75
FS-ZJA/ZJG-976	9.76	40	80	6	9.76
FS-ZJA/ZJG-977	9.77	40	80	6	9.77
FS-ZJA/ZJG-978	9.78	40	80	6	9.78
FS-ZJA/ZJG-979	9.79	40	80	6	9.79
FS-ZJA/ZJG-980	9.80	40	80	6	9.80
FS-ZJA/ZJG-981	9.81	40	80	6	9.81
FS-ZJA/ZJG-982	9.82	40	80	6	9.82
FS-ZJA/ZJG-983	9.83	40	80	6	9.83
FS-ZJA/ZJG-984	9.84	40	80	6	9.84
FS-ZJA/ZJG-985	9.85	40	80	6	9.85
FS-ZJA/ZJG-986	9.86	40	80	6	9.86
FS-ZJA/ZJG-987	9.87	40	80	6	9.87
FS-ZJA/ZJG-988	9.88	40	80	6	9.88
FS-ZJA/ZJG-989	9.89	40	80	6	9.89
FS-ZJA/ZJG-990	9.90	40	80	6	9.90
FS-ZJA/ZJG-991	9.91	40	80	6	9.91
FS-ZJA/ZJG-992	9.92	40	80	6	9.92
FS-ZJA/ZJG-993	9.93	40	80	6	9.93
FS-ZJA/ZJG-994	9.94	40	80	6	9.94
FS-ZJA/ZJG-995	9.95	40	80	6	9.95
FS-ZJA/ZJG-996	9.96	40	80	6	9.96
FS-ZJA/ZJG-997	9.97	40	80	6	9.97
FS-ZJA/ZJG-998	9.98	40	80	6	9.98
FS-ZJA/ZJG-999	9.99	40	80	6	9.99
FS-ZJA/ZJG-1000	10.00	40	80	6	10.00
FS-ZJA/ZJG-1001	10.01	40	80	6	10.01
FS-ZJA/ZJG-1002	10.02	40	80	6	10.02
FS-ZJA/ZJG-1003	10.03	40	80	6	10.03
FS-ZJA/ZJG-1004	10.04	40	80	6	10.04
FS-ZJA/ZJG-1005	10.05	40	80	6	10.05

◎ ZJA 通用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-1006	10.06	40	80	6	10.06
FS-ZJA/ZJG-1007	10.07	40	80	6	10.07
FS-ZJA/ZJG-1008	10.08	40	80	6	10.08
FS-ZJA/ZJG-1009	10.09	40	80	6	10.09
FS-ZJA/ZJG-1010	10.10	40	80	6	10.10
FS-ZJA/ZJG-1011	10.11	40	80	6	10.11
FS-ZJA/ZJG-1012	10.12	40	80	6	10.12
FS-ZJA/ZJG-1013	10.13	40	80	6	10.13
FS-ZJA/ZJG-1014	10.14	40	80	6	10.14
FS-ZJA/ZJG-1015	10.15	40	80	6	10.15
FS-ZJA/ZJG-1016	10.16	40	80	6	10.16
FS-ZJA/ZJG-1017	10.17	40	80	6	10.17
FS-ZJA/ZJG-1018	10.18	40	80	6	10.18
FS-ZJA/ZJG-1019	10.19	40	80	6	10.19
FS-ZJA/ZJG-1020	10.20	40	80	6	10.20
FS-ZJA/ZJG-1021	10.21	40	80	6	10.21
FS-ZJA/ZJG-1022	10.22	40	80	6	10.22
FS-ZJA/ZJG-1023	10.23	40	80	6	10.23
FS-ZJA/ZJG-1024	10.24	40	80	6	10.24
FS-ZJA/ZJG-1025	10.25	40	80	6	10.25
FS-ZJA/ZJG-1026	10.26	40	80	6	10.26
FS-ZJA/ZJG-1027	10.27	40	80	6	10.27
FS-ZJA/ZJG-1028	10.28	40	80	6	10.28
FS-ZJA/ZJG-1029	10.29	40	80	6	10.29
FS-ZJA/ZJG-1030	10.30	40	80	6	10.30
FS-ZJA/ZJG-1031	10.31	40	80	6	10.31
FS-ZJA/ZJG-1032	10.32	40	80	6	10.32
FS-ZJA/ZJG-1033	10.33	40	80	6	10.33
FS-ZJA/ZJG-1034	10.34	40	80	6	10.34
FS-ZJA/ZJG-1035	10.35	40	80	6	10.35
FS-ZJA/ZJG-1036	10.36	40	80	6	10.36
FS-ZJA/ZJG-1037	10.37	40	80	6	10.37
FS-ZJA/ZJG-1038	10.38	40	80	6	10.38
FS-ZJA/ZJG-1039	10.39	40	80	6	10.39
FS-ZJA/ZJG-1040	10.40	40	80	6	10.40
FS-ZJA/ZJG-1041	10.41	40	80	6	10.41
FS-ZJA/ZJG-1042	10.42	40	80	6	10.42
FS-ZJA/ZJG-1043	10.43	40	80	6	10.43
FS-ZJA/ZJG-1044	10.44	40	80	6	10.44
FS-ZJA/ZJG-1045	10.45	40	80	6	10.45
FS-ZJA/ZJG-1046	10.46	40	80	6	10.46
FS-ZJA/ZJG-1047	10.47	40	80	6	10.47
FS-ZJA/ZJG-1048	10.48	40	80	6	10.48
FS-ZJA/ZJG-1049	10.49	40	80	6	10.49
FS-ZJA/ZJG-1050	10.50	40	80	6	10.50
FS-ZJA/ZJG-1051	10.51	40	80	6	10.51
FS-ZJA/ZJG-1052	10.52	40	80	6	10.52
FS-ZJA/ZJG-1053	10.53	40	80	6	10.53
FS-ZJA/ZJG-1054	10.54	40	80	6	10.54
FS-ZJA/ZJG-1055	10.55	40	80	6	10.55
FS-ZJA/ZJG-1056	10.56	40	80	6	10.56
FS-ZJA/ZJG-1057	10.57	40	80	6	10.57
FS-ZJA/ZJG-1058	10.58	40	80	6	10.58
FS-ZJA/ZJG-1059	10.59	40	80	6	10.59
FS-ZJA/ZJG-1060	10.60	40	80	6	10.60

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

FS-ZJA/ZJG系列

直柄通用型钨钢螺旋铰刀

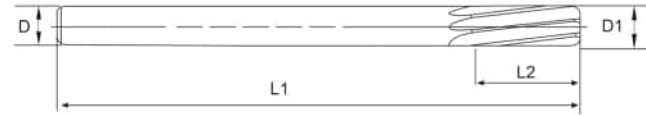
Tungsten Steel Spiral Reamer With Straight Shank



國標通用標準

規格區間: D10.61-D12.09

規格間距: 0.01 mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-1061	10.61	40	80	6	10.61
FS-ZJA/ZJG-1062	10.62	40	80	6	10.62
FS-ZJA/ZJG-1063	10.63	40	80	6	10.63
FS-ZJA/ZJG-1064	10.64	40	80	6	10.64
FS-ZJA/ZJG-1065	10.65	40	80	6	10.65
FS-ZJA/ZJG-1066	10.66	40	80	6	10.66
FS-ZJA/ZJG-1067	10.67	40	80	6	10.67
FS-ZJA/ZJG-1068	10.68	40	80	6	10.68
FS-ZJA/ZJG-1069	10.69	40	80	6	10.69
FS-ZJA/ZJG-1070	10.70	40	80	6	10.70
FS-ZJA/ZJG-1071	10.71	40	80	6	10.71
FS-ZJA/ZJG-1072	10.72	40	80	6	10.72
FS-ZJA/ZJG-1073	10.73	40	80	6	10.73
FS-ZJA/ZJG-1074	10.74	40	80	6	10.74
FS-ZJA/ZJG-1075	10.75	40	80	6	10.75
FS-ZJA/ZJG-1076	10.76	40	80	6	10.76
FS-ZJA/ZJG-1077	10.77	40	80	6	10.77
FS-ZJA/ZJG-1078	10.78	40	80	6	10.78
FS-ZJA/ZJG-1079	10.79	40	80	6	10.79
FS-ZJA/ZJG-1080	10.80	40	80	6	10.80
FS-ZJA/ZJG-1081	10.81	40	80	6	10.81
FS-ZJA/ZJG-1082	10.82	40	80	6	10.82
FS-ZJA/ZJG-1083	10.83	40	80	6	10.83
FS-ZJA/ZJG-1084	10.84	40	80	6	10.84
FS-ZJA/ZJG-1085	10.85	40	80	6	10.85

◎ ZJA 適用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-1086	10.86	40	80	6	10.86
FS-ZJA/ZJG-1087	10.87	40	80	6	10.87
FS-ZJA/ZJG-1088	10.88	40	80	6	10.88
FS-ZJA/ZJG-1089	10.89	40	80	6	10.89
FS-ZJA/ZJG-1090	10.90	40	80	6	10.90
FS-ZJA/ZJG-1091	10.91	40	80	6	10.91
FS-ZJA/ZJG-1092	10.92	40	80	6	10.92
FS-ZJA/ZJG-1093	10.93	40	80	6	10.93
FS-ZJA/ZJG-1094	10.94	40	80	6	10.94
FS-ZJA/ZJG-1095	10.95	40	80	6	10.95
FS-ZJA/ZJG-1096	10.96	40	80	6	10.96
FS-ZJA/ZJG-1097	10.97	40	80	6	10.97
FS-ZJA/ZJG-1098	10.98	40	80	6	10.98
FS-ZJA/ZJG-1099	10.99	40	80	6	10.99
FS-ZJA/ZJG-1100	11.00	40	80	6	11.00
FS-ZJA/ZJG-1101	11.01	40	80	6	11.01
FS-ZJA/ZJG-1102	11.02	40	80	6	11.02
FS-ZJA/ZJG-1103	11.03	40	80	6	11.03
FS-ZJA/ZJG-1104	11.04	40	80	6	11.04
FS-ZJA/ZJG-1105	11.05	40	80	6	11.05
FS-ZJA/ZJG-1106	11.06	40	80	6	11.06
FS-ZJA/ZJG-1107	11.07	40	80	6	11.07
FS-ZJA/ZJG-1108	11.08	40	80	6	11.08
FS-ZJA/ZJG-1109	11.09	40	80	6	11.09
FS-ZJA/ZJG-1110	11.10	40	80	6	11.10

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors



高效 · 精密 · 耐用

High Efficiency · Precision · Economy And Durability

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-1111	11.11	40	80	6	11.11
FS-ZJA/ZJG-1112	11.12	40	80	6	11.12
FS-ZJA/ZJG-1113	11.13	40	80	6	11.13
FS-ZJA/ZJG-1114	11.14	40	80	6	11.14
FS-ZJA/ZJG-1115	11.15	40	80	6	11.15
FS-ZJA/ZJG-1116	11.16	40	80	6	11.16
FS-ZJA/ZJG-1117	11.17	40	80	6	11.17
FS-ZJA/ZJG-1118	11.18	40	80	6	11.18
FS-ZJA/ZJG-1119	11.19	40	80	6	11.19
FS-ZJA/ZJG-1120	11.20	40	80	6	11.20
FS-ZJA/ZJG-1121	11.21	40	80	6	11.21
FS-ZJA/ZJG-1122	11.22	40	80	6	11.22
FS-ZJA/ZJG-1123	11.23	40	80	6	11.23
FS-ZJA/ZJG-1124	11.24	40	80	6	11.24
FS-ZJA/ZJG-1125	11.25	40	80	6	11.25
FS-ZJA/ZJG-1126	11.26	40	80	6	11.26
FS-ZJA/ZJG-1127	11.27	40	80	6	11.27
FS-ZJA/ZJG-1128	11.28	40	80	6	11.28
FS-ZJA/ZJG-1129	11.29	40	80	6	11.29
FS-ZJA/ZJG-1130	11.30	40	80	6	11.30
FS-ZJA/ZJG-1131	11.31	40	80	6	11.31
FS-ZJA/ZJG-1132	11.32	40	80	6	11.32
FS-ZJA/ZJG-1133	11.33	40	80	6	11.33
FS-ZJA/ZJG-1134	11.34	40	80	6	11.34
FS-ZJA/ZJG-1135	11.35	40	80	6	11.35
FS-ZJA/ZJG-1136	11.36	40	80	6	11.36
FS-ZJA/ZJG-1137	11.37	40	80	6	11.37
FS-ZJA/ZJG-1138	11.38	40	80	6	11.38
FS-ZJA/ZJG-1139	11.39	40	80	6	11.39
FS-ZJA/ZJG-1140	11.40	40	80	6	11.40
FS-ZJA/ZJG-1141	11.41	40	80	6	11.41
FS-ZJA/ZJG-1142	11.42	40	80	6	11.42
FS-ZJA/ZJG-1143	11.43	40	80	6	11.43
FS-ZJA/ZJG-1144	11.44	40	80	6	11.44
FS-ZJA/ZJG-1145	11.45	40	80	6	11.45
FS-ZJA/ZJG-1146	11.46	40	80	6	11.46
FS-ZJA/ZJG-1147	11.47	40	80	6	11.47
FS-ZJA/ZJG-1148	11.48	40	80	6	11.48
FS-ZJA/ZJG-1149	11.49	40	80	6	11.49
FS-ZJA/ZJG-1150	11.50	40	80	6	11.50
FS-ZJA/ZJG-1151	11.51	40	80	6	11.51
FS-ZJA/ZJG-1152	11.52	40	80	6	11.52
FS-ZJA/ZJG-1153	11.53	40	80	6	11.53
FS-ZJA/ZJG-1154	11.54	40	80	6	11.54
FS-ZJA/ZJG-1155	11.55	40	80	6	11.55
FS-ZJA/ZJG-1156	11.56	40	80	6	11.56
FS-ZJA/ZJG-1157	11.57	40	80	6	11.57
FS-ZJA/ZJG-1158	11.58	40	80	6	11.58
FS-ZJA/ZJG-1159	11.59	40	80	6	11.59
FS-ZJA/ZJG-1160	11.60	40	80	6	11.60

◎ ZJA 適用切削材質: 鋁、有色金屬、非金屬類材料
 ◎ ZJA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ ZJG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ ZJG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	刃數 F Flutes	柄徑D Shank diameter
FS-ZJA/ZJG-1161	11.61	40	80	6	11.61
FS-ZJA/ZJG-1162	11.62	40	80	6	11.62
FS-ZJA/ZJG-1163	11.63	40	80	6	11.63
FS-ZJA/ZJG-1164	11.64	40	80	6	11.64
FS-ZJA/ZJG-1165	11.65	40	80	6	11.65
FS-ZJA/ZJG-1166	11.66	40	80	6	11.66
FS-ZJA/ZJG-1167	11.67	40	80	6	11.67
FS-ZJA/ZJG-1168	11.68	40	80	6	11.68
FS-ZJA/ZJG-1169	11.69	40	80	6	11.69
FS-ZJA/ZJG-1170	11.70	40	80	6	11.70
FS-ZJA/ZJG-1171	11.71	40	80	6	11.71
FS-ZJA/ZJG-1172	11.72	40	80	6	11.72
FS-ZJA/ZJG-1173	11.73	40	80	6	11.73
FS-ZJA/ZJG-1174	11.74	40	80	6	11.74
FS-ZJA/ZJG-1175	11.75	40	80	6	11.75
FS-ZJA/ZJG-1176	11.76	40	80	6	11.76
FS-ZJA/ZJG-1177	11.77	40	80	6	11.77
FS-ZJA/ZJG-1178	11.78	40	80	6	11.78
FS-ZJA/ZJG-1179	11.79	40	80	6	11.79
FS-ZJA/ZJG-1180	11.80	40	80	6	11.80
FS-ZJA/ZJG-1181	11.81	40	80	6	11.81
FS-ZJA/ZJG-1182	11.82	40	80	6	11.82
FS-ZJA/ZJG-1183	11.83	40	80	6	11.83
FS-ZJA/ZJG-1184	11.84	40	80	6	11.84
FS-ZJA/ZJG-1185	11.85	40	80	6	11.85
FS-ZJA/ZJG-1186	11.86	40	80	6	11.86
FS-ZJA/ZJG-1187	11.87	40	80	6	11.87
FS-ZJA/ZJG-1188	11.88	40	80	6	11.88
FS-ZJA/ZJG-1189	11.89	40	80	6	11.89
FS-ZJA/ZJG-1190	11.90	40	80	6	11.90
FS-ZJA/ZJG-1191	11.91	40	80	6	11.91
FS-ZJA/ZJG-1192	11.92	40	80	6	11.92
FS-ZJA/ZJG-1193	11.93	40	80	6	11.93
FS-ZJA/ZJG-1194	11.94	40	80	6	11.94
FS-ZJA/ZJG-1195	11.95	40	80	6	11.95
FS-ZJA/ZJG-1196	11.96	40	80	6	11.96
FS-ZJA/ZJG-1197	11.97	40	80	6	11.97
FS-ZJA/ZJG-1198	11.98	40	80	6	11.98
FS-ZJA/ZJG-1199	11.99	40	80	6	11.99
FS-ZJA/ZJG-1200	12.00	40	80	6	12.00
FS-ZJA/ZJG-1201	12.01	40	80	6	12.01
FS-ZJA/ZJG-1202	12.02	40	80	6	12.02
FS-ZJA/ZJG-1203	12.03	40	80	6	12.03
FS-ZJA/ZJG-1204	12.04	40	80	6	12.04
FS-ZJA/ZJG-1205	12.05	40	80	6	12.05
FS-ZJA/ZJG-1206	12.06	40	80	6	12.06
FS-ZJA/ZJG-1207	12.07	40	80	6	12.07
FS-ZJA/ZJG-1208	12.08	40	80	6	12.08
FS-ZJA/ZJG-1209	12.09	40	80	6	12.09

◎ ZJG 塗層刀具: 依照被加工材質不同塗層及顏色 (黑色)
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

FS-BA/BG系列/SIZE 3XD

歐標銑刀柄標準型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

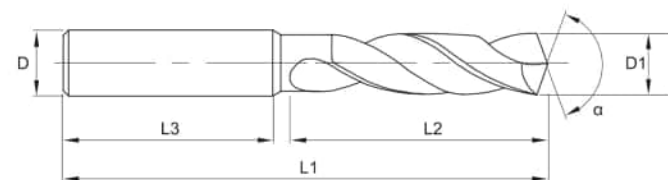
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D3.0-D11.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-BA/BG-300	3.00	20.0	62.0	4.0
FS-BA/BG-310	3.10	20.0	62.0	4.0
FS-BA/BG-320	3.20	20.0	62.0	4.0
FS-BA/BG-330	3.30	20.0	62.0	4.0
FS-BA/BG-340	3.40	20.0	62.0	4.0
FS-BA/BG-350	3.50	20.0	62.0	4.0
FS-BA/BG-360	3.60	20.0	62.0	4.0
FS-BA/BG-370	3.70	20.0	62.0	4.0
FS-BA/BG-380	3.80	24.0	66.0	4.0
FS-BA/BG-390	3.90	24.0	66.0	4.0
FS-BA/BG-400	4.00	24.0	66.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-BA/BG-710	7.10	41.0	79.0	8.0
FS-BA/BG-720	7.20	41.0	79.0	8.0
FS-BA/BG-730	7.30	41.0	79.0	8.0
FS-BA/BG-740	7.40	41.0	79.0	8.0
FS-BA/BG-750	7.50	41.0	79.0	8.0
FS-BA/BG-760	7.60	41.0	79.0	8.0
FS-BA/BG-770	7.70	41.0	79.0	8.0
FS-BA/BG-780	7.80	41.0	79.0	8.0
FS-BA/BG-790	7.90	41.0	79.0	8.0
FS-BA/BG-800	8.00	41.0	79.0	8.0

◎ BA-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ BA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ BG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ BG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ BG-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-BA/BG-410	4.10	24.0	66.0	6.0
FS-BA/BG-420	4.20	24.0	66.0	6.0
FS-BA/BG-430	4.30	24.0	66.0	6.0
FS-BA/BG-440	4.40	24.0	66.0	6.0
FS-BA/BG-450	4.50	24.0	66.0	6.0
FS-BA/BG-460	4.60	24.0	66.0	6.0
FS-BA/BG-470	4.70	28.0	66.0	6.0
FS-BA/BG-480	4.80	28.0	66.0	6.0
FS-BA/BG-490	4.90	28.0	66.0	6.0
FS-BA/BG-500	5.00	28.0	66.0	6.0
FS-BA/BG-510	5.10	28.0	66.0	6.0
FS-BA/BG-520	5.20	28.0	66.0	6.0
FS-BA/BG-530	5.30	28.0	66.0	6.0
FS-BA/BG-540	5.40	28.0	66.0	6.0
FS-BA/BG-550	5.50	28.0	66.0	6.0
FS-BA/BG-560	5.60	28.0	66.0	6.0
FS-BA/BG-570	5.70	28.0	66.0	6.0
FS-BA/BG-580	5.80	28.0	66.0	6.0
FS-BA/BG-590	5.90	28.0	66.0	6.0
FS-BA/BG-600	6.00	28.0	66.0	6.0
FS-BA/BG-610	6.10	34.0	79.0	8.0
FS-BA/BG-620	6.20	34.0	79.0	8.0
FS-BA/BG-630	6.30	34.0	79.0	8.0
FS-BA/BG-640	6.40	34.0	79.0	8.0
FS-BA/BG-650	6.50	34.0	79.0	8.0
FS-BA/BG-660	6.60	34.0	79.0	8.0
FS-BA/BG-670	6.70	34.0	79.0	8.0
FS-BA/BG-680	6.80	34.0	79.0	8.0
FS-BA/BG-690	6.90	34.0	79.0	8.0
FS-BA/BG-700	7.00	34.0	79.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-BA/BG-810	8.10	47.0	89.0	10.0
FS-BA/BG-820	8.20	47.0	89.0	10.0
FS-BA/BG-830	8.30	47.0	89.0	10.0
FS-BA/BG-840	8.40	47.0	89.0	10.0
FS-BA/BG-850	8.50	47.0	89.0	10.0
FS-BA/BG-860	8.60	47.0	89.0	10.0
FS-BA/BG-870	8.70	47.0	89.0	10.0
FS-BA/BG-880	8.80	47.0	89.0	10.0
FS-BA/BG-890	8.90	47.0	89.0	10.0
FS-BA/BG-900	9.00	47.0	89.0	10.0
FS-BA/BG-910	9.10	47.0	89.0	10.0
FS-BA/BG-920	9.20	47.0	89.0	10.0
FS-BA/BG-930	9.30	47.0	89.0	10.0
FS-BA/BG-940	9.40	47.0	89.0	10.0
FS-BA/BG-950	9.50	47.0	89.0	10.0
FS-BA/BG-960	9.60	47.0	89.0	10.0
FS-BA/BG-970	9.70	47.0	89.0	10.0
FS-BA/BG-980	9.80	47.0	89.0	10.0
FS-BA/BG-990	9.90	47.0	89.0	10.0
FS-BA/BG-1000	10.00	47.0	89.0	10.0
FS-BA/BG-1010	10.10	55.0	102.0	12.0
FS-BA/BG-1020	10.20	55.0	102.0	12.0
FS-BA/BG-1030	10.30	55.0	102.0	12.0
FS-BA/BG-1040	10.40	55.0	102.0	12.0
FS-BA/BG-1050	10.50	55.0	102.0	12.0
FS-BA/BG-1060	10.60	55.0	102.0	12.0
FS-BA/BG-1070	10.70	55.0	102.0	12.0
FS-BA/BG-1080	10.80	55.0	102.0	12.0
FS-BA/BG-1090	10.90	55.0	102.0	12.0
FS-BA/BG-1100	11.00	55.0	102.0	12.0

◎ BA-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ BA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ BG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ BG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ BG-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FS-BA/BG系列/SIZE 3XD

歐標銑刀柄標準型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

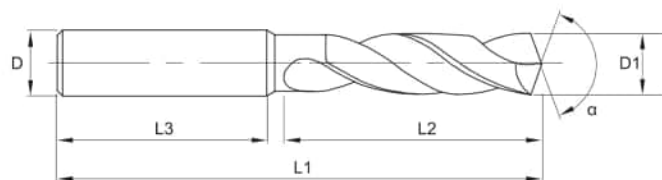
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D11.1-D25.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-BA/BG-1110	11.10	55.0	102.0	12.0
FS-BA/BG-1120	11.20	55.0	102.0	12.0
FS-BA/BG-1130	11.30	55.0	102.0	12.0
FS-BA/BG-1140	11.40	55.0	102.0	12.0
FS-BA/BG-1150	11.50	55.0	102.0	12.0
FS-BA/BG-1160	11.60	55.0	102.0	12.0
FS-BA/BG-1170	11.70	55.0	102.0	12.0
FS-BA/BG-1180	11.80	55.0	102.0	12.0
FS-BA/BG-1190	11.90	55.0	102.0	12.0
FS-BA/BG-1200	12.00	55.0	102.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-BA/BG-1510	15.10	65.0	115.0	16.0
FS-BA/BG-1520	15.20	65.0	115.0	16.0
FS-BA/BG-1530	15.30	65.0	115.0	16.0
FS-BA/BG-1540	15.40	65.0	115.0	16.0
FS-BA/BG-1550	15.50	65.0	115.0	16.0
FS-BA/BG-1560	15.60	65.0	115.0	16.0
FS-BA/BG-1570	15.70	65.0	115.0	16.0
FS-BA/BG-1580	15.80	65.0	115.0	16.0
FS-BA/BG-1590	15.90	65.0	115.0	16.0
FS-BA/BG-1600	16.00	65.0	115.0	16.0

- ◎ BA-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ BA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ BG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ BG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ BG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-BA/BG-1210	12.10	60.0	107.0	14.0
FS-BA/BG-1220	12.20	60.0	107.0	14.0
FS-BA/BG-1230	12.30	60.0	107.0	14.0
FS-BA/BG-1240	12.40	60.0	107.0	14.0
FS-BA/BG-1250	12.50	60.0	107.0	14.0
FS-BA/BG-1260	12.60	60.0	107.0	14.0
FS-BA/BG-1270	12.70	60.0	107.0	14.0
FS-BA/BG-1280	12.80	60.0	107.0	14.0
FS-BA/BG-1290	12.90	60.0	107.0	14.0
FS-BA/BG-1300	13.00	60.0	107.0	14.0
FS-BA/BG-1310	13.10	60.0	107.0	14.0
FS-BA/BG-1320	13.20	60.0	107.0	14.0
FS-BA/BG-1330	13.30	60.0	107.0	14.0
FS-BA/BG-1340	13.40	60.0	107.0	14.0
FS-BA/BG-1350	13.50	60.0	107.0	14.0
FS-BA/BG-1360	13.60	60.0	107.0	14.0
FS-BA/BG-1370	13.70	60.0	107.0	14.0
FS-BA/BG-1380	13.80	60.0	107.0	14.0
FS-BA/BG-1390	13.90	60.0	107.0	14.0
FS-BA/BG-1400	14.00	60.0	107.0	14.0
FS-BA/BG-1410	14.10	65.0	115.0	16.0
FS-BA/BG-1420	14.20	65.0	115.0	16.0
FS-BA/BG-1430	14.30	65.0	115.0	16.0
FS-BA/BG-1440	14.40	65.0	115.0	16.0
FS-BA/BG-1450	14.50	65.0	115.0	16.0
FS-BA/BG-1460	14.60	65.0	115.0	16.0
FS-BA/BG-1470	14.70	65.0	115.0	16.0
FS-BA/BG-1480	14.80	65.0	115.0	16.0
FS-BA/BG-1490	14.90	65.0	115.0	16.0
FS-BA/BG-1500	15.00	65.0	115.0	16.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-BA/BG-1610	16.50	73.0	123.0	18.0
FS-BA/BG-1680	16.80	73.0	123.0	18.0
FS-BA/BG-1700	17.00	73.0	123.0	18.0
FS-BA/BG-1750	17.50	73.0	123.0	18.0
FS-BA/BG-1780	17.80	73.0	123.0	18.0
FS-BA/BG-1800	18.00	73.0	123.0	18.0
FS-BA/BG-1900	19.00	79.0	131.0	20.0
FS-BA/BG-1950	19.50	79.0	131.0	20.0
FS-BA/BG-1980	19.80	79.0	131.0	20.0
FS-BA/BG-2000	20.00	79.0	131.0	20.0
FS-BA/BG-2050	20.50	79.0	131.0	22.0
FS-BA/BG-2100	21.00	79.0	131.0	22.0
FS-BA/BG-2150	21.50	79.0	131.0	22.0
FS-BA/BG-2200	22.00	79.0	131.0	22.0
FS-BA/BG-2250	22.50	96.0	153.0	24.0
FS-BA/BG-2300	23.00	96.0	153.0	24.0
FS-BA/BG-2350	23.50	96.0	153.0	24.0
FS-BA/BG-2400	24.00	96.0	153.0	24.0
FS-BA/BG-2450	24.50	96.0	153.0	25.0
FS-BA/BG-2500	25.00	96.0	153.0	25.0

- ◎ BA-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ BA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ BG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ BG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ BG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors



國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

HB-LA/LG系列/SIZE 5XD



歐標銑刀柄標準型鎢鋼鑽頭

高效·精密·耐用

Milling Tungsten Steel Drill Bit Shank

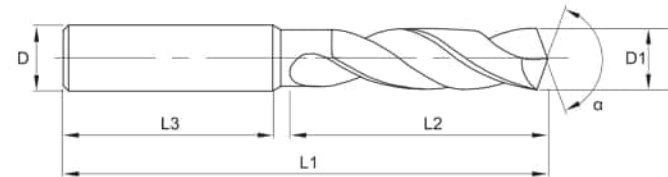
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D3.0-D11.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-LA/LG-300	3.00	28.0	66.0	4.0
HB-LA/LG-310	3.10	28.0	66.0	4.0
HB-LA/LG-320	3.20	28.0	66.0	4.0
HB-LA/LG-330	3.30	28.0	66.0	4.0
HB-LA/LG-340	3.40	28.0	66.0	4.0
HB-LA/LG-350	3.50	28.0	66.0	4.0
HB-LA/LG-360	3.60	28.0	66.0	4.0
HB-LA/LG-370	3.70	28.0	66.0	4.0
HB-LA/LG-380	3.80	36.0	74.0	4.0
HB-LA/LG-390	3.90	36.0	74.0	4.0
HB-LA/LG-400	4.00	36.0	74.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-LA/LG-710	7.10	53.0	91.0	8.0
HB-LA/LG-720	7.20	53.0	91.0	8.0
HB-LA/LG-730	7.30	53.0	91.0	8.0
HB-LA/LG-740	7.40	53.0	91.0	8.0
HB-LA/LG-750	7.50	53.0	91.0	8.0
HB-LA/LG-760	7.60	53.0	91.0	8.0
HB-LA/LG-770	7.70	53.0	91.0	8.0
HB-LA/LG-780	7.80	53.0	91.0	8.0
HB-LA/LG-790	7.90	53.0	91.0	8.0
HB-LA/LG-800	8.00	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-LA/LG-410	4.10	36.0	74.0	6.0
HB-LA/LG-420	4.20	36.0	74.0	6.0
HB-LA/LG-430	4.30	36.0	74.0	6.0
HB-LA/LG-440	4.40	36.0	74.0	6.0
HB-LA/LG-450	4.50	36.0	74.0	6.0
HB-LA/LG-460	4.60	36.0	74.0	6.0
HB-LA/LG-470	4.70	44.0	82.0	6.0
HB-LA/LG-480	4.80	44.0	82.0	6.0
HB-LA/LG-490	4.90	44.0	82.0	6.0
HB-LA/LG-500	5.00	44.0	82.0	6.0
HB-LA/LG-510	5.10	44.0	82.0	6.0
HB-LA/LG-520	5.20	44.0	82.0	6.0
HB-LA/LG-530	5.30	44.0	82.0	6.0
HB-LA/LG-540	5.40	44.0	82.0	6.0
HB-LA/LG-550	5.50	44.0	82.0	6.0
HB-LA/LG-560	5.60	44.0	82.0	6.0
HB-LA/LG-570	5.70	44.0	82.0	6.0
HB-LA/LG-580	5.80	44.0	82.0	6.0
HB-LA/LG-590	5.90	44.0	82.0	6.0
HB-LA/LG-600	6.00	44.0	82.0	6.0
HB-LA/LG-610	6.10	53.0	91.0	8.0
HB-LA/LG-620	6.20	53.0	91.0	8.0
HB-LA/LG-630	6.30	53.0	91.0	8.0
HB-LA/LG-640	6.40	53.0	91.0	8.0
HB-LA/LG-650	6.50	53.0	91.0	8.0
HB-LA/LG-660	6.60	53.0	91.0	8.0
HB-LA/LG-670	6.70	53.0	91.0	8.0
HB-LA/LG-680	6.80	53.0	91.0	8.0
HB-LA/LG-690	6.90	53.0	91.0	8.0
HB-LA/LG-700	7.00	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-LA/LG-810	8.10	61.0	103.0	10.0
HB-LA/LG-820	8.20	61.0	103.0	10.0
HB-LA/LG-830	8.30	61.0	103.0	10.0
HB-LA/LG-840	8.40	61.0	103.0	10.0
HB-LA/LG-850	8.50	61.0	103.0	10.0
HB-LA/LG-860	8.60	61.0	103.0	10.0
HB-LA/LG-870	8.70	61.0	103.0	10.0
HB-LA/LG-880	8.80	61.0	103.0	10.0
HB-LA/LG-890	8.90	61.0	103.0	10.0
HB-LA/LG-900	9.00	61.0	103.0	10.0
HB-LA/LG-910	9.10	61.0	103.0	10.0
HB-LA/LG-920	9.20	61.0	103.0	10.0
HB-LA/LG-930	9.30	61.0	103.0	10.0
HB-LA/LG-940	9.40	61.0	103.0	10.0
HB-LA/LG-950	9.50	61.0	103.0	10.0
HB-LA/LG-960	9.60	61.0	103.0	10.0
HB-LA/LG-970	9.70	61.0	103.0	10.0
HB-LA/LG-980	9.80	61.0	103.0	10.0
HB-LA/LG-990	9.90	61.0	103.0	10.0
HB-LA/LG-1000	10.00	61.0	103.0	10.0
HB-LA/LG-1010	10.10	71.0	118.0	12.0
HB-LA/LG-1020	10.20	71.0	118.0	12.0
HB-LA/LG-1030	10.30	71.0	118.0	12.0
HB-LA/LG-1040	10.40	71.0	118.0	12.0
HB-LA/LG-1050	10.50	71.0	118.0	12.0
HB-LA/LG-1060	10.60	71.0	118.0	12.0
HB-LA/LG-1070	10.70	71.0	118.0	12.0
HB-LA/LG-1080	10.80	71.0	118.0	12.0
HB-LA/LG-1090	10.90	71.0	118.0	12.0
HB-LA/LG-1100	11.00	71.0	118.0	12.0

- ◎ LA-通用切削材質: 不銹鋼、鈦合金專用。(塗層刀具黑色)
- ◎ LA-Applicable materials: Special for stainless steel and titanium alloy (Uncoated tools Black)
- ◎ LG-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ LG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ LG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ LG-Coated tools: the material to be processed in accordance with different coatings and colors (Tan)

- ◎ LA-通用切削材質: 不銹鋼、鈦合金專用。(塗層刀具黑色)
- ◎ LA-Applicable materials: Special for stainless steel and titanium alloy (Uncoated tools Black)
- ◎ LG-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ LG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ LG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ LG-Coated tools: the material to be processed in accordance with different coatings and colors (Tan)

HB-LA/LG系列/SIZE 5XD

歐標銑刀柄標準型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank



高效·精密·耐用

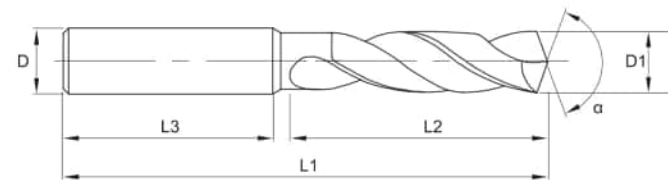
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D11.1-D25.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-LA/LG-1110	11.10	71.0	118.0	12.0
HB-LA/LG-1120	11.20	71.0	118.0	12.0
HB-LA/LG-1130	11.30	71.0	118.0	12.0
HB-LA/LG-1140	11.40	71.0	118.0	12.0
HB-LA/LG-1150	11.50	71.0	118.0	12.0
HB-LA/LG-1160	11.60	71.0	118.0	12.0
HB-LA/LG-1170	11.70	71.0	118.0	12.0
HB-LA/LG-1180	11.80	71.0	118.0	12.0
HB-LA/LG-1190	11.90	71.0	118.0	12.0
HB-LA/LG-1200	12.00	71.0	118.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-LA/LG-1510	15.10	83.0	133.0	16.0
HB-LA/LG-1520	15.20	83.0	133.0	16.0
HB-LA/LG-1530	15.30	83.0	133.0	16.0
HB-LA/LG-1540	15.40	83.0	133.0	16.0
HB-LA/LG-1550	15.50	83.0	133.0	16.0
HB-LA/LG-1560	15.60	83.0	133.0	16.0
HB-LA/LG-1570	15.70	83.0	133.0	16.0
HB-LA/LG-1580	15.80	83.0	133.0	16.0
HB-LA/LG-1590	15.90	83.0	133.0	16.0
HB-LA/LG-1600	16.00	83.0	133.0	16.0

- ◎ LA-適用切削材質: 不銹鋼、鈦合金專用。(塗層刀具黑色)
- ◎ LA-Applicable materials: Special for stainless steel and titanium alloy (Uncoated tools Black)
- ◎ LG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ LG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ LG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ LG-Coated tools: the material to be processed in accordance with different coatings and colors (Tan)

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-LA/LG-1210	12.10	77.0	124.0	14.0
HB-LA/LG-1220	12.20	77.0	124.0	14.0
HB-LA/LG-1230	12.30	77.0	124.0	14.0
HB-LA/LG-1240	12.40	77.0	124.0	14.0
HB-LA/LG-1250	12.50	77.0	124.0	14.0
HB-LA/LG-1260	12.60	77.0	124.0	14.0
HB-LA/LG-1270	12.70	77.0	124.0	14.0
HB-LA/LG-1280	12.80	77.0	124.0	14.0
HB-LA/LG-1290	12.90	77.0	124.0	14.0
HB-LA/LG-1300	13.00	77.0	124.0	14.0
HB-LA/LG-1310	13.10	77.0	124.0	14.0
HB-LA/LG-1320	13.20	77.0	124.0	14.0
HB-LA/LG-1330	13.30	77.0	124.0	14.0
HB-LA/LG-1340	13.40	77.0	124.0	14.0
HB-LA/LG-1350	13.50	77.0	124.0	14.0
HB-LA/LG-1360	13.60	77.0	124.0	14.0
HB-LA/LG-1370	13.70	77.0	124.0	14.0
HB-LA/LG-1380	13.80	77.0	124.0	14.0
HB-LA/LG-1390	13.90	77.0	124.0	14.0
HB-LA/LG-1400	14.00	77.0	124.0	14.0
HB-LA/LG-1410	14.10	83.0	133.0	16.0
HB-LA/LG-1420	14.20	83.0	133.0	16.0
HB-LA/LG-1430	14.30	83.0	133.0	16.0
HB-LA/LG-1440	14.40	83.0	133.0	16.0
HB-LA/LG-1450	14.50	83.0	133.0	16.0
HB-LA/LG-1460	14.60	83.0	133.0	16.0
HB-LA/LG-1470	14.70	83.0	133.0	16.0
HB-LA/LG-1480	14.80	83.0	133.0	16.0
HB-LA/LG-1490	14.90	83.0	133.0	16.0
HB-LA/LG-1500	15.00	83.0	133.0	16.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
HB-LA/LG-1650	16.50	101.0	153.0	18.0
HB-LA/LG-1680	16.80	101.0	153.0	18.0
HB-LA/LG-1700	17.00	101.0	153.0	18.0
HB-LA/LG-1750	17.50	101.0	153.0	18.0
HB-LA/LG-1780	17.80	101.0	153.0	18.0
HB-LA/LG-1800	18.00	101.0	153.0	18.0
HB-LA/LG-1850	18.50	101.0	153.0	20.0
HB-LA/LG-1880	18.80	101.0	153.0	20.0
HB-LA/LG-1900	19.00	101.0	153.0	20.0
HB-LA/LG-1950	19.50	101.0	153.0	20.0
HB-LA/LG-1980	19.80	101.0	153.0	20.0
HB-LA/LG-2000	20.00	101.0	153.0	20.0
HB-LA/LG-2050	20.50	135.0	200.0	22.0
HB-LA/LG-2100	21.00	135.0	200.0	22.0
HB-LA/LG-2150	21.50	135.0	200.0	22.0
HB-LA/LG-2200	22.00	135.0	200.0	22.0
HB-LA/LG-2250	22.50	140.0	200.0	24.0
HB-LA/LG-2300	23.00	140.0	200.0	24.0
HB-LA/LG-2350	23.50	140.0	200.0	24.0
HB-LA/LG-2400	24.00	140.0	200.0	24.0
HB-LA/LG-2450	24.50	140.0	200.0	25.0
HB-LA/LG-2500	25.00	140.0	200.0	25.0

- ◎ LA-適用切削材質: 不銹鋼、鈦合金專用。(塗層刀具黑色)
- ◎ LA-Applicable materials: Special for stainless steel and titanium alloy (Uncoated tools Black)
- ◎ LG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ LG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ LG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ LG-Coated tools: the material to be processed in accordance with different coatings and colors (Tan)

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FSC-SA/SG系列/SIZE 3XD

歐標銑刀柄標準內冷型鎢鋼鑽頭

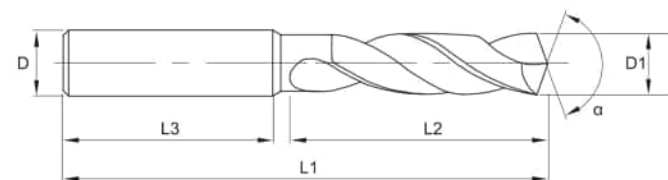
Milling Tungsten Steel Drill Bit Shank Internal Coolant Supply



歐標通用標準

規格區間: D3.0-D11.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-SA/SG-300	3.00	20.0	62.0	4.0
FSC-SA/SG-310	3.10	20.0	62.0	4.0
FSC-SA/SG-320	3.20	20.0	62.0	4.0
FSC-SA/SG-330	3.30	20.0	62.0	4.0
FSC-SA/SG-340	3.40	20.0	62.0	4.0
FSC-SA/SG-350	3.50	20.0	62.0	4.0
FSC-SA/SG-360	3.60	20.0	62.0	4.0
FSC-SA/SG-370	3.70	20.0	62.0	4.0
FSC-SA/SG-380	3.80	24.0	66.0	4.0
FSC-SA/SG-390	3.90	24.0	66.0	4.0
FSC-SA/SG-400	4.00	24.0	66.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-SA/SG-710	7.10	41.0	79.0	8.0
FSC-SA/SG-720	7.20	41.0	79.0	8.0
FSC-SA/SG-730	7.30	41.0	79.0	8.0
FSC-SA/SG-740	7.40	41.0	79.0	8.0
FSC-SA/SG-750	7.50	41.0	79.0	8.0
FSC-SA/SG-760	7.60	41.0	79.0	8.0
FSC-SA/SG-770	7.70	41.0	79.0	8.0
FSC-SA/SG-780	7.80	41.0	79.0	8.0
FSC-SA/SG-790	7.90	41.0	79.0	8.0
FSC-SA/SG-800	8.00	41.0	79.0	8.0

◎ SA-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ SA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ SG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ SG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ SG-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors



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訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-SA/SG-410	4.10	24.0	66.0	6.0
FSC-SA/SG-420	4.20	24.0	66.0	6.0
FSC-SA/SG-430	4.30	24.0	66.0	6.0
FSC-SA/SG-440	4.40	24.0	66.0	6.0
FSC-SA/SG-450	4.50	24.0	66.0	6.0
FSC-SA/SG-460	4.60	24.0	66.0	6.0
FSC-SA/SG-470	4.70	28.0	66.0	6.0
FSC-SA/SG-480	4.80	28.0	66.0	6.0
FSC-SA/SG-490	4.90	28.0	66.0	6.0
FSC-SA/SG-500	5.00	28.0	66.0	6.0
FSC-SA/SG-510	5.10	28.0	66.0	6.0
FSC-SA/SG-520	5.20	28.0	66.0	6.0
FSC-SA/SG-530	5.30	28.0	66.0	6.0
FSC-SA/SG-540	5.40	28.0	66.0	6.0
FSC-SA/SG-550	5.50	28.0	66.0	6.0
FSC-SA/SG-560	5.60	28.0	66.0	6.0
FSC-SA/SG-570	5.70	28.0	66.0	6.0
FSC-SA/SG-580	5.80	28.0	66.0	6.0
FSC-SA/SG-590	5.90	28.0	66.0	6.0
FSC-SA/SG-600	6.00	28.0	66.0	6.0
FSC-SA/SG-610	6.10	34.0	79.0	8.0
FSC-SA/SG-620	6.20	34.0	79.0	8.0
FSC-SA/SG-630	6.30	34.0	79.0	8.0
FSC-SA/SG-640	6.40	34.0	79.0	8.0
FSC-SA/SG-650	6.50	34.0	79.0	8.0
FSC-SA/SG-660	6.60	34.0	79.0	8.0
FSC-SA/SG-670	6.70	34.0	79.0	8.0
FSC-SA/SG-680	6.80	34.0	79.0	8.0
FSC-SA/SG-690	6.90	34.0	79.0	8.0
FSC-SA/SG-700	7.00	34.0	79.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-SA/SG-810	8.10	47.0	89.0	10.0
FSC-SA/SG-820	8.20	47.0	89.0	10.0
FSC-SA/SG-830	8.30	47.0	89.0	10.0
FSC-SA/SG-840	8.40	47.0	89.0	10.0
FSC-SA/SG-850	8.50	47.0	89.0	10.0
FSC-SA/SG-860	8.60	47.0	89.0	10.0
FSC-SA/SG-870	8.70	47.0	89.0	10.0
FSC-SA/SG-880	8.80	47.0	89.0	10.0
FSC-SA/SG-890	8.90	47.0	89.0	10.0
FSC-SA/SG-900	9.00	47.0	89.0	10.0
FSC-SA/SG-910	9.10	47.0	89.0	10.0
FSC-SA/SG-920	9.20	47.0	89.0	10.0
FSC-SA/SG-930	9.30	47.0	89.0	10.0
FSC-SA/SG-940	9.40	47.0	89.0	10.0
FSC-SA/SG-950	9.50	47.0	89.0	10.0
FSC-SA/SG-960	9.60	47.0	89.0	10.0
FSC-SA/SG-970	9.70	47.0	89.0	10.0
FSC-SA/SG-980	9.80	47.0	89.0	10.0
FSC-SA/SG-990	9.90	47.0	89.0	10.0
FSC-SA/SG-1000	10.00	47.0	89.0	10.0
FSC-SA/SG-1010	10.10	55.0	102.0	12.0
FSC-SA/SG-1020	10.20	55.0	102.0	12.0
FSC-SA/SG-1030	10.30	55.0	102.0	12.0
FSC-SA/SG-1040	10.40	55.0	102.0	12.0
FSC-SA/SG-1050	10.50	55.0	102.0	12.0
FSC-SA/SG-1060	10.60	55.0	102.0	12.0
FSC-SA/SG-1070	10.70	55.0	102.0	12.0
FSC-SA/SG-1080	10.80	55.0	102.0	12.0
FSC-SA/SG-1090	10.90	55.0	102.0	12.0
FSC-SA/SG-1100	11.00	55.0	102.0	12.0

◎ SA-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
 ◎ SA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
 ◎ SG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
 ◎ SG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
 ◎ SG-塗層刀具: 依照被加工材質不同塗層及顏色
 ◎ Coated tools: the material to be processed in accordance with different coatings and colors

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FSC-SA/SG系列/SIZE 3XD

歐標銑刀柄標準內冷型鎢鋼鑽頭

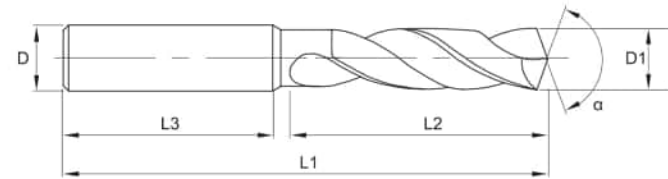
Milling Tungsten Steel Drill Bit Shank Internal Coolant Supply



歐標通用標準

規格區間: D11.1-D25.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-SA/SG-1110	11.10	55.0	102.0	12.0
FSC-SA/SG-1120	11.20	55.0	102.0	12.0
FSC-SA/SG-1130	11.30	55.0	102.0	12.0
FSC-SA/SG-1140	11.40	55.0	102.0	12.0
FSC-SA/SG-1150	11.50	55.0	102.0	12.0
FSC-SA/SG-1160	11.60	55.0	102.0	12.0
FSC-SA/SG-1170	11.70	55.0	102.0	12.0
FSC-SA/SG-1180	11.80	55.0	102.0	12.0
FSC-SA/SG-1190	11.90	55.0	102.0	12.0
FSC-SA/SG-1200	12.00	55.0	102.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-SA/SG-1510	15.10	65.0	115.0	16.0
FSC-SA/SG-1520	15.20	65.0	115.0	16.0
FSC-SA/SG-1530	15.30	65.0	115.0	16.0
FSC-SA/SG-1540	15.40	65.0	115.0	16.0
FSC-SA/SG-1550	15.50	65.0	115.0	16.0
FSC-SA/SG-1560	15.60	65.0	115.0	16.0
FSC-SA/SG-1570	15.70	65.0	115.0	16.0
FSC-SA/SG-1580	15.80	65.0	115.0	16.0
FSC-SA/SG-1590	15.90	65.0	115.0	16.0
FSC-SA/SG-1600	16.00	65.0	115.0	16.0

- ◎ SA-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ SA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ SG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ SG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ SG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors



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訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-SA/SG-1210	12.10	60.0	107.0	14.0
FSC-SA/SG-1220	12.20	60.0	107.0	14.0
FSC-SA/SG-1230	12.30	60.0	107.0	14.0
FSC-SA/SG-1240	12.40	60.0	107.0	14.0
FSC-SA/SG-1250	12.50	60.0	107.0	14.0
FSC-SA/SG-1260	12.60	60.0	107.0	14.0
FSC-SA/SG-1270	12.70	60.0	107.0	14.0
FSC-SA/SG-1280	12.80	60.0	107.0	14.0
FSC-SA/SG-1290	12.90	60.0	107.0	14.0
FSC-SA/SG-1300	13.00	60.0	107.0	14.0
FSC-SA/SG-1310	13.10	60.0	107.0	14.0
FSC-SA/SG-1320	13.20	60.0	107.0	14.0
FSC-SA/SG-1330	13.30	60.0	107.0	14.0
FSC-SA/SG-1340	13.40	60.0	107.0	14.0
FSC-SA/SG-1350	13.50	60.0	107.0	14.0
FSC-SA/SG-1360	13.60	60.0	107.0	14.0
FSC-SA/SG-1370	13.70	60.0	107.0	14.0
FSC-SA/SG-1380	13.80	60.0	107.0	14.0
FSC-SA/SG-1390	13.90	60.0	107.0	14.0
FSC-SA/SG-1400	14.00	60.0	107.0	14.0
FSC-SA/SG-1410	14.10	65.0	115.0	16.0
FSC-SA/SG-1420	14.20	65.0	115.0	16.0
FSC-SA/SG-1430	14.30	65.0	115.0	16.0
FSC-SA/SG-1440	14.40	65.0	115.0	16.0
FSC-SA/SG-1450	14.50	65.0	115.0	16.0
FSC-SA/SG-1460	14.60	65.0	115.0	16.0
FSC-SA/SG-1470	14.70	65.0	115.0	16.0
FSC-SA/SG-1480	14.80	65.0	115.0	16.0
FSC-SA/SG-1490	14.90	65.0	115.0	16.0
FSC-SA/SG-1500	15.00	65.0	115.0	16.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-SA/SG-1650	16.50	73.0	123.0	18.0
FSC-SA/SG-1680	16.80	73.0	123.0	18.0
FSC-SA/SG-1700	17.00	73.0	123.0	18.0
FSC-SA/SG-1720	17.50	73.0	123.0	18.0
FSC-SA/SG-1740	17.80	73.0	123.0	18.0
FSC-SA/SG-1760	18.00	73.0	123.0	18.0
FSC-SA/SG-1780	19.00	79.0	131.0	20.0
FSC-SA/SG-1800	19.50	79.0	131.0	20.0
FSC-SA/SG-1820	19.80	79.0	131.0	20.0
FSC-SA/SG-2000	20.00	79.0	131.0	20.0
FSC-SA/SG-2050	20.50	79.0	131.0	22.0
FSC-SA/SG-2100	21.00	79.0	131.0	22.0
FSC-SA/SG-2150	21.50	79.0	131.0	22.0
FSC-SA/SG-2200	22.00	79.0	131.0	22.0
FSC-SA/SG-2250	22.50	96.0	153.0	24.0
FSC-SA/SG-2300	23.00	96.0	153.0	24.0
FSC-SA/SG-2350	23.50	96.0	153.0	24.0
FSC-SA/SG-2400	24.00	96.0	153.0	24.0
FSC-SA/SG-2450	24.50	96.0	153.0	25.0
FSC-SA/SG-2500	25.00	96.0	153.0	25.0

- ◎ SA-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ SA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ SG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ SG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ SG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors



FSC-XA/XG系列/SIZE 5XD

歐標銑刀柄標準內冷型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank Internal Coolant Supply



高效·精密·耐用

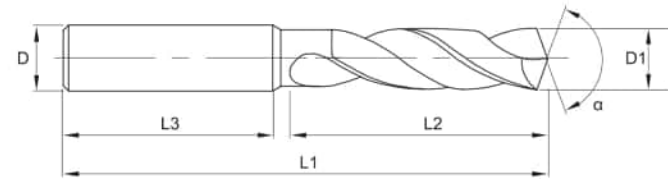
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D3.0-D11.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-XA/XG-300	3.00	28.0	66.0	4.0
FSC-XA/XG-310	3.10	28.0	66.0	4.0
FSC-XA/XG-320	3.20	28.0	66.0	4.0
FSC-XA/XG-330	3.30	28.0	66.0	4.0
FSC-XA/XG-340	3.40	28.0	66.0	4.0
FSC-XA/XG-350	3.50	28.0	66.0	4.0
FSC-XA/XG-360	3.60	28.0	66.0	4.0
FSC-XA/XG-370	3.70	28.0	66.0	4.0
FSC-XA/XG-380	3.80	36.0	74.0	4.0
FSC-XA/XG-390	3.90	36.0	74.0	4.0
FSC-XA/XG-400	4.00	36.0	74.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-XA/XG-710	7.10	53.0	91.0	8.0
FSC-XA/XG-720	7.20	53.0	91.0	8.0
FSC-XA/XG-730	7.30	53.0	91.0	8.0
FSC-XA/XG-740	7.40	53.0	91.0	8.0
FSC-XA/XG-750	7.50	53.0	91.0	8.0
FSC-XA/XG-760	7.60	53.0	91.0	8.0
FSC-XA/XG-770	7.70	53.0	91.0	8.0
FSC-XA/XG-780	7.80	53.0	91.0	8.0
FSC-XA/XG-790	7.90	53.0	91.0	8.0
FSC-XA/XG-800	8.00	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-XA/XG-410	4.10	36.0	74.0	6.0
FSC-XA/XG-420	4.20	36.0	74.0	6.0
FSC-XA/XG-430	4.30	36.0	74.0	6.0
FSC-XA/XG-440	4.40	36.0	74.0	6.0
FSC-XA/XG-450	4.50	36.0	74.0	6.0
FSC-XA/XG-460	4.60	36.0	74.0	6.0
FSC-XA/XG-470	4.70	44.0	82.0	6.0
FSC-XA/XG-480	4.80	44.0	82.0	6.0
FSC-XA/XG-490	4.90	44.0	82.0	6.0
FSC-XA/XG-500	5.00	44.0	82.0	6.0
FSC-XA/XG-510	5.10	44.0	82.0	6.0
FSC-XA/XG-520	5.20	44.0	82.0	6.0
FSC-XA/XG-530	5.30	44.0	82.0	6.0
FSC-XA/XG-540	5.40	44.0	82.0	6.0
FSC-XA/XG-550	5.50	44.0	82.0	6.0
FSC-XA/XG-560	5.60	44.0	82.0	6.0
FSC-XA/XG-570	5.70	44.0	82.0	6.0
FSC-XA/XG-580	5.80	44.0	82.0	6.0
FSC-XA/XG-590	5.90	44.0	82.0	6.0
FSC-XA/XG-600	6.00	44.0	82.0	6.0
FSC-XA/XG-610	6.10	53.0	91.0	8.0
FSC-XA/XG-620	6.20	53.0	91.0	8.0
FSC-XA/XG-630	6.30	53.0	91.0	8.0
FSC-XA/XG-640	6.40	53.0	91.0	8.0
FSC-XA/XG-650	6.50	53.0	91.0	8.0
FSC-XA/XG-660	6.60	53.0	91.0	8.0
FSC-XA/XG-670	6.70	53.0	91.0	8.0
FSC-XA/XG-680	6.80	53.0	91.0	8.0
FSC-XA/XG-690	6.90	53.0	91.0	8.0
FSC-XA/XG-700	7.00	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-XA/XG-810	8.10	61.0	103.0	10.0
FSC-XA/XG-820	8.20	61.0	103.0	10.0
FSC-XA/XG-830	8.30	61.0	103.0	10.0
FSC-XA/XG-840	8.40	61.0	103.0	10.0
FSC-XA/XG-850	8.50	61.0	103.0	10.0
FSC-XA/XG-860	8.60	61.0	103.0	10.0
FSC-XA/XG-870	8.70	61.0	103.0	10.0
FSC-XA/XG-880	8.80	61.0	103.0	10.0
FSC-XA/XG-890	8.90	61.0	103.0	10.0
FSC-XA/XG-900	9.00	61.0	103.0	10.0
FSC-XA/XG-910	9.10	61.0	103.0	10.0
FSC-XA/XG-920	9.20	61.0	103.0	10.0
FSC-XA/XG-930	9.30	61.0	103.0	10.0
FSC-XA/XG-940	9.40	61.0	103.0	10.0
FSC-XA/XG-950	9.50	61.0	103.0	10.0
FSC-XA/XG-960	9.60	61.0	103.0	10.0
FSC-XA/XG-970	9.70	61.0	103.0	10.0
FSC-XA/XG-980	9.80	61.0	103.0	10.0
FSC-XA/XG-990	9.90	61.0	103.0	10.0
FSC-XA/XG-1000	10.00	61.0	103.0	10.0
FSC-XA/XG-1010	10.10	71.0	118.0	12.0
FSC-XA/XG-1020	10.20	71.0	118.0	12.0
FSC-XA/XG-1030	10.30	71.0	118.0	12.0
FSC-XA/XG-1040	10.40	71.0	118.0	12.0
FSC-XA/XG-1050	10.50	71.0	118.0	12.0
FSC-XA/XG-1060	10.60	71.0	118.0	12.0
FSC-XA/XG-1070	10.70	71.0	118.0	12.0
FSC-XA/XG-1080	10.80	71.0	118.0	12.0
FSC-XA/XG-1090	10.90	71.0	118.0	12.0
FSC-XA/XG-1100	11.00	71.0	118.0	12.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ XG 適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG-塗層刀具: 依照被加工材質不同塗層及顏色 (古銅色)
- ◎ XG-Coated tools: the material to be processed in accordance with different coatings and colors (Tan)

- ◎ SA-通用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ SA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ SG-通用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ SG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ SG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors

FSC-XA/XG系列/SIZE 5XD

歐標銑刀柄標準內冷型鎢鋼鑽頭

Milling Tungsten Steel Drill Bit Shank Internal Coolant Supply



高效·精密·耐用

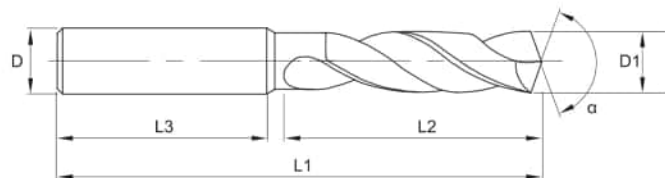
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D11.1-D25.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-XA/XG-1110	11.10	71.0	118.0	12.0
FSC-XA/XG-1120	11.20	71.0	118.0	12.0
FSC-XA/XG-1130	11.30	71.0	118.0	12.0
FSC-XA/XG-1140	11.40	71.0	118.0	12.0
FSC-XA/XG-1150	11.50	71.0	118.0	12.0
FSC-XA/XG-1160	11.60	71.0	118.0	12.0
FSC-XA/XG-1170	11.70	71.0	118.0	12.0
FSC-XA/XG-1180	11.80	71.0	118.0	12.0
FSC-XA/XG-1190	11.90	71.0	118.0	12.0
FSC-XA/XG-1200	12.00	71.0	118.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-XA/LG-1510	15.10	83.0	133.0	16.0
FSC-XA/LG-1520	15.20	83.0	133.0	16.0
FSC-XA/LG-1530	15.30	83.0	133.0	16.0
FSC-XA/LG-1540	15.40	83.0	133.0	16.0
FSC-XA/LG-1550	15.50	83.0	133.0	16.0
FSC-XA/LG-1560	15.60	83.0	133.0	16.0
FSC-XA/LG-1570	15.70	83.0	133.0	16.0
FSC-XA/LG-1580	15.80	83.0	133.0	16.0
FSC-XA/LG-1590	15.90	83.0	133.0	16.0
FSC-XA/LG-1600	16.00	83.0	133.0	16.0

- ◎ SA-適用切削材質: 鋁、有色金屬、非金屬類材料。(未塗層刀具)
- ◎ SA-Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ SG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ SG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ SG-塗層刀具: 依照被加工材質不同塗層及顏色
- ◎ Coated tools: the material to be processed in accordance with different coatings and colors

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-XA/XG-1210	12.10	77.0	124.0	14.0
FSC-XA/XG-1220	12.20	77.0	124.0	14.0
FSC-XA/XG-1230	12.30	77.0	124.0	14.0
FSC-XA/XG-1240	12.40	77.0	124.0	14.0
FSC-XA/XG-1250	12.50	77.0	124.0	14.0
FSC-XA/XG-1260	12.60	77.0	124.0	14.0
FSC-XA/XG-1270	12.70	77.0	124.0	14.0
FSC-XA/XG-1280	12.80	77.0	124.0	14.0
FSC-XA/XG-1290	12.90	77.0	124.0	14.0
FSC-XA/XG-1300	13.00	77.0	124.0	14.0
FSC-XA/XG-1310	13.10	77.0	124.0	14.0
FSC-XA/XG-1320	13.20	77.0	124.0	14.0
FSC-XA/XG-1330	13.30	77.0	124.0	14.0
FSC-XA/XG-1340	13.40	77.0	124.0	14.0
FSC-XA/XG-1350	13.50	77.0	124.0	14.0
FSC-XA/XG-1360	13.60	77.0	124.0	14.0
FSC-XA/XG-1370	13.70	77.0	124.0	14.0
FSC-XA/XG-1380	13.80	77.0	124.0	14.0
FSC-XA/XG-1390	13.90	77.0	124.0	14.0
FSC-XA/XG-1400	14.00	77.0	124.0	14.0
FSC-XA/XG-1410	14.10	83.0	133.0	16.0
FSC-XA/XG-1420	14.20	83.0	133.0	16.0
FSC-XA/XG-1430	14.30	83.0	133.0	16.0
FSC-XA/XG-1440	14.40	83.0	133.0	16.0
FSC-XA/XG-1450	14.50	83.0	133.0	16.0
FSC-XA/XG-1460	14.60	83.0	133.0	16.0
FSC-XA/XG-1470	14.70	83.0	133.0	16.0
FSC-XA/XG-1480	14.80	83.0	133.0	16.0
FSC-XA/XG-1490	14.90	83.0	133.0	16.0
FSC-XA/XG-1500	15.00	83.0	133.0	16.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FSC-XA/XG-1650	16.50	101.0	153.0	18.0
FSC-XA/XG-1680	16.80	101.0	153.0	18.0
FSC-XA/XG-1700	17.00	101.0	153.0	18.0
FSC-XA/XG-1750	17.50	101.0	153.0	18.0
FSC-XA/XG-1780	17.80	101.0	153.0	18.0
FSC-XA/XG-1800	18.00	101.0	153.0	18.0
FSC-XA/XG-1850	18.50	101.0	153.0	20.0
FSC-XA/XG-1880	18.80	101.0	153.0	20.0
FSC-XA/XG-1900	19.00	101.0	153.0	20.0
FSC-XA/XG-1950	19.50	101.0	153.0	20.0
FSC-XA/XG-1980	19.80	101.0	153.0	20.0
FSC-XA/XG-2000	20.00	101.0	153.0	20.0
FSC-XA/XG-2050	20.50	135.0	200.0	22.0
FSC-XA/XG-2100	21.00	135.0	200.0	22.0
FSC-XA/XG-2150	21.50	135.0	200.0	22.0
FSC-XA/XG-2200	22.00	135.0	200.0	22.0
FSC-XA/XG-2250	22.50	140.0	200.0	24.0
FSC-XA/XG-2300	23.00	140.0	200.0	24.0
FSC-XA/XG-2350	23.50	140.0	200.0	24.0
FSC-XA/XG-2400	24.00	140.0	200.0	24.0
FSC-XA/XG-2450	24.50	140.0	200.0	25.0
FSC-XA/XG-2500	25.00	140.0	200.0	25.0

- ◎ XA 適用切削材質: 鋁、有色金屬、非金屬類材料
- ◎ XA Applicable materials: aluminum, non-ferrous metals, non-metallic. (Uncoated tools)
- ◎ XG-適用切削材質: 中碳鋼、合金鋼、調質鋼、不銹鋼、模具鋼、其他鋼材、鑄鐵等。
- ◎ XG-Applicable materials: carbon steel, alloy steel, quenched and tempered steel, sus, mold steel, other steel, ductile iron.
- ◎ XG-塗層刀具: 依照被加工材質不同塗層及顏色 (古銅色)
- ◎ XG-Coated tools: the material to be processed in accordance with different coatings and colors (Tan)

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FS-SUSB系列/SIZE 3XD

歐標銑刀柄标准型鎢鋼鑽頭 (不銹鋼、鈦合金、鎳基合金、高溫合金專用)

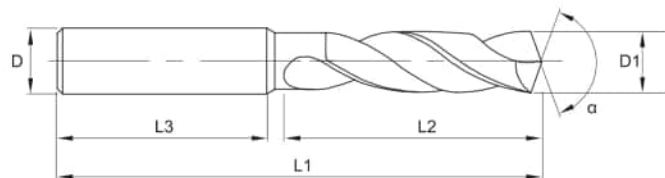
Milling Shank Standard Tungsten Steel Drill (Stainless Steel Only)



歐標通用標準

規格區間: D3.0-D11.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSB-300	3.00	20.0	62.0	4.0
FS-SUSB-310	3.10	20.0	62.0	4.0
FS-SUSB-320	3.20	20.0	62.0	4.0
FS-SUSB-330	3.30	20.0	62.0	4.0
FS-SUSB-340	3.40	20.0	62.0	4.0
FS-SUSB-350	3.50	20.0	62.0	4.0
FS-SUSB-360	3.60	20.0	62.0	4.0
FS-SUSB-370	3.70	20.0	62.0	4.0
FS-SUSB-380	3.80	24.0	66.0	4.0
FS-SUSB-390	3.90	24.0	66.0	4.0
FS-SUSB-400	4.00	24.0	66.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSB-710	7.10	41.0	79.0	8.0
FS-SUSB-720	7.20	41.0	79.0	8.0
FS-SUSB-730	7.30	41.0	79.0	8.0
FS-SUSB-740	7.40	41.0	79.0	8.0
FS-SUSB-750	7.50	41.0	79.0	8.0
FS-SUSB-760	7.60	41.0	79.0	8.0
FS-SUSB-770	7.70	41.0	79.0	8.0
FS-SUSB-780	7.80	41.0	79.0	8.0
FS-SUSB-790	7.90	41.0	79.0	8.0
FS-SUSB-800	8.00	41.0	79.0	8.0

© SUSB-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
 © SUSB-Applicable materials: Milling shank standard tungsten steel drill



高效 · 精密 · 耐用

High Efficiency · Precision · Economy And Durability

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSB-410	4.10	24.0	66.0	6.0
FS-SUSB-420	4.20	24.0	66.0	6.0
FS-SUSB-430	4.30	24.0	66.0	6.0
FS-SUSB-440	4.40	24.0	66.0	6.0
FS-SUSB-450	4.50	24.0	66.0	6.0
FS-SUSB-460	4.60	24.0	66.0	6.0
FS-SUSB-470	4.70	28.0	66.0	6.0
FS-SUSB-480	4.80	28.0	66.0	6.0
FS-SUSB-490	4.90	28.0	66.0	6.0
FS-SUSB-500	5.00	28.0	66.0	6.0
FS-SUSB-510	5.10	28.0	66.0	6.0
FS-SUSB-520	5.20	28.0	66.0	6.0
FS-SUSB-530	5.30	28.0	66.0	6.0
FS-SUSB-540	5.40	28.0	66.0	6.0
FS-SUSB-550	5.50	28.0	66.0	6.0
FS-SUSB-560	5.60	28.0	66.0	6.0
FS-SUSB-570	5.70	28.0	66.0	6.0
FS-SUSB-580	5.80	28.0	66.0	6.0
FS-SUSB-590	5.90	28.0	66.0	6.0
FS-SUSB-600	6.00	28.0	66.0	6.0
FS-SUSB-610	6.10	34.0	79.0	8.0
FS-SUSB-620	6.20	34.0	79.0	8.0
FS-SUSB-630	6.30	34.0	79.0	8.0
FS-SUSB-640	6.40	34.0	79.0	8.0
FS-SUSB-650	6.50	34.0	79.0	8.0
FS-SUSB-660	6.60	34.0	79.0	8.0
FS-SUSB-670	6.70	34.0	79.0	8.0
FS-SUSB-680	6.80	34.0	79.0	8.0
FS-SUSB-690	6.90	34.0	79.0	8.0
FS-SUSB-700	7.00	34.0	79.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSB-810	8.10	47.0	89.0	10.0
FS-SUSB-820	8.20	47.0	89.0	10.0
FS-SUSB-830	8.30	47.0	89.0	10.0
FS-SUSB-840	8.40	47.0	89.0	10.0
FS-SUSB-850	8.50	47.0	89.0	10.0
FS-SUSB-860	8.60	47.0	89.0	10.0
FS-SUSB-870	8.70	47.0	89.0	10.0
FS-SUSB-880	8.80	47.0	89.0	10.0
FS-SUSB-890	8.90	47.0	89.0	10.0
FS-SUSB-900	9.00	47.0	89.0	10.0
FS-SUSB-910	9.10	47.0	89.0	10.0
FS-SUSB-920	9.20	47.0	89.0	10.0
FS-SUSB-930	9.30	47.0	89.0	10.0
FS-SUSB-940	9.40	47.0	89.0	10.0
FS-SUSB-950	9.50	47.0	89.0	10.0
FS-SUSB-960	9.60	47.0	89.0	10.0
FS-SUSB-970	9.70	47.0	89.0	10.0
FS-SUSB-980	9.80	47.0	89.0	10.0
FS-SUSB-990	9.90	47.0	89.0	10.0
FS-SUSB-1000	10.00	47.0	89.0	10.0
FS-SUSB-1010	10.10	55.0	102.0	12.0
FS-SUSB-1020	10.20	55.0	102.0	12.0
FS-SUSB-1030	10.30	55.0	102.0	12.0
FS-SUSB-1040	10.40	55.0	102.0	12.0
FS-SUSB-1050	10.50	55.0	102.0	12.0
FS-SUSB-1060	10.60	55.0	102.0	12.0
FS-SUSB-1070	10.70	55.0	102.0	12.0
FS-SUSB-1080	10.80	55.0	102.0	12.0
FS-SUSB-1090	10.90	55.0	102.0	12.0
FS-SUSB-1100	11.00	55.0	102.0	12.0

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Technical Information

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European Standard

技術資料
Technical Information

FS-SUSB系列/SIZE 3XD

歐標銑刀柄标准型鎢鋼鑽頭 (不銹鋼、鈦合金、鎳基合金、高溫合金專用)

Milling Shank Standard Tungsten Steel Drill (Stainless Steel Only)



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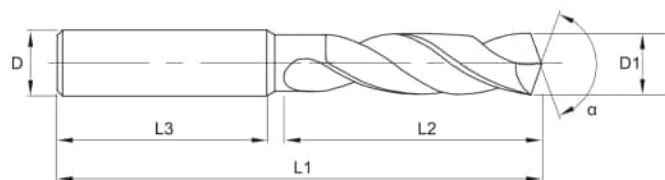
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D11.1-D25.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSB-1110	11.10	55.0	102.0	12.0
FS-SUSB-1120	11.20	55.0	102.0	12.0
FS-SUSB-1130	11.30	55.0	102.0	12.0
FS-SUSB-1140	11.40	55.0	102.0	12.0
FS-SUSB-1150	11.50	55.0	102.0	12.0
FS-SUSB-1160	11.60	55.0	102.0	12.0
FS-SUSB-1170	11.70	55.0	102.0	12.0
FS-SUSB-1180	11.80	55.0	102.0	12.0
FS-SUSB-1190	11.90	55.0	102.0	12.0
FS-SUSB-1200	12.00	55.0	102.0	12.0

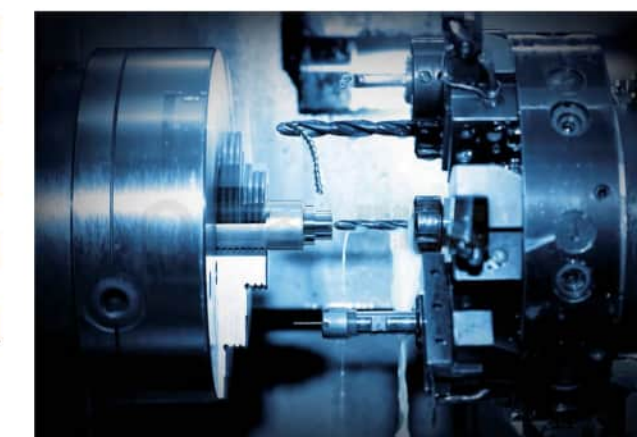
訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSB-1510	15.10	65.0	115.0	16.0
FS-SUSB-1520	15.20	65.0	115.0	16.0
FS-SUSB-1530	15.30	65.0	115.0	16.0
FS-SUSB-1540	15.40	65.0	115.0	16.0
FS-SUSB-1550	15.50	65.0	115.0	16.0
FS-SUSB-1560	15.60	65.0	115.0	16.0
FS-SUSB-1570	15.70	65.0	115.0	16.0
FS-SUSB-1580	15.80	65.0	115.0	16.0
FS-SUSB-1590	15.90	65.0	115.0	16.0
FS-SUSB-1600	16.00	65.0	115.0	16.0

◎ SUSB-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
 ◎ SUSB-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSB-1210	12.10	60.0	107.0	14.0
FS-SUSB-1220	12.20	60.0	107.0	14.0
FS-SUSB-1230	12.30	60.0	107.0	14.0
FS-SUSB-1240	12.40	60.0	107.0	14.0
FS-SUSB-1250	12.50	60.0	107.0	14.0
FS-SUSB-1260	12.60	60.0	107.0	14.0
FS-SUSB-1270	12.70	60.0	107.0	14.0
FS-SUSB-1280	12.80	60.0	107.0	14.0
FS-SUSB-1290	12.90	60.0	107.0	14.0
FS-SUSB-1300	13.00	60.0	107.0	14.0
FS-SUSB-1310	13.10	60.0	107.0	14.0
FS-SUSB-1320	13.20	60.0	107.0	14.0
FS-SUSB-1330	13.30	60.0	107.0	14.0
FS-SUSB-1340	13.40	60.0	107.0	14.0
FS-SUSB-1350	13.50	60.0	107.0	14.0
FS-SUSB-1360	13.60	60.0	107.0	14.0
FS-SUSB-1370	13.70	60.0	107.0	14.0
FS-SUSB-1380	13.80	60.0	107.0	14.0
FS-SUSB-1390	13.90	60.0	107.0	14.0
FS-SUSB-1400	14.00	60.0	107.0	14.0
FS-SUSB-1410	14.10	65.0	115.0	16.0
FS-SUSB-1420	14.20	65.0	115.0	16.0
FS-SUSB-1430	14.30	65.0	115.0	16.0
FS-SUSB-1440	14.40	65.0	115.0	16.0
FS-SUSB-1450	14.50	65.0	115.0	16.0
FS-SUSB-1460	14.60	65.0	115.0	16.0
FS-SUSB-1470	14.70	65.0	115.0	16.0
FS-SUSB-1480	14.80	65.0	115.0	16.0
FS-SUSB-1490	14.90	65.0	115.0	16.0
FS-SUSB-1500	15.00	65.0	115.0	16.0

◎ SUSB-適用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
 ◎ SUSB-Applicable materials: Milling shank standard tungsten steel drill

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSB-1650	16.50	73.0	123.0	18.0
FS-SUSB-1680	16.80	73.0	123.0	18.0
FS-SUSB-1700	17.00	73.0	123.0	18.0
FS-SUSB-1750	17.50	73.0	123.0	18.0
FS-SUSB-1780	17.80	73.0	123.0	18.0
FS-SUSB-1800	18.00	73.0	123.0	18.0
FS-SUSB-1900	19.00	79.0	131.0	20.0
FS-SUSB-1950	19.50	79.0	131.0	20.0
FS-SUSB-1980	19.80	79.0	131.0	20.0
FS-SUSB-2000	20.00	79.0	131.0	20.0
FS-SUSB-2050	20.50	79.0	131.0	22.0
FS-SUSB-2100	21.00	79.0	131.0	22.0
FS-SUSB-2150	21.50	79.0	131.0	22.0
FS-SUSB-2200	22.00	79.0	131.0	22.0
FS-SUSB-2250	22.50	96.0	153.0	24.0
FS-SUSB-2300	23.00	96.0	153.0	24.0
FS-SUSB-2350	23.50	96.0	153.0	24.0
FS-SUSB-2400	24.00	96.0	153.0	24.0
FS-SUSB-2450	24.50	96.0	153.0	25.0
FS-SUSB-2500	25.00	96.0	153.0	25.0



國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

國標刀具 National Standard

歐標刀具 European Standard

技術資料 Technical Information

FS-SUSL系列/SIZE 5XD

歐標銑刀柄标准型鎢鋼鑽頭 (不銹鋼、鈦合金、鎳基合金、高溫合金專用)

Milling Shank Standard Tungsten Steel Drill (Stainless Steel Only)



高效·精密·耐用

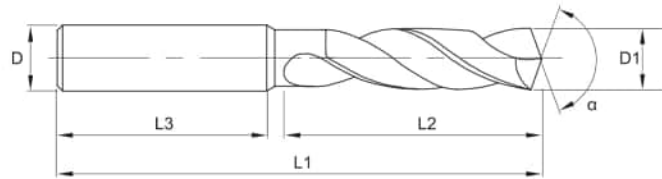
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歐標通用標準

規格區間: D3.0-D11.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSL-300	3.00	28.0	66.0	4.0
FS-SUSL-310	3.10	28.0	66.0	4.0
FS-SUSL-320	3.20	28.0	66.0	4.0
FS-SUSL-330	3.30	28.0	66.0	4.0
FS-SUSL-340	3.40	28.0	66.0	4.0
FS-SUSL-350	3.50	28.0	66.0	4.0
FS-SUSL-360	3.60	28.0	66.0	4.0
FS-SUSL-370	3.70	28.0	66.0	4.0
FS-SUSL-380	3.80	36.0	74.0	4.0
FS-SUSL-390	3.90	36.0	74.0	4.0
FS-SUSL-400	4.00	36.0	74.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSL-710	7.10	53.0	91.0	8.0
FS-SUSL-720	7.20	53.0	91.0	8.0
FS-SUSL-730	7.30	53.0	91.0	8.0
FS-SUSL-740	7.40	53.0	91.0	8.0
FS-SUSL-750	7.50	53.0	91.0	8.0
FS-SUSL-760	7.60	53.0	91.0	8.0
FS-SUSL-770	7.70	53.0	91.0	8.0
FS-SUSL-780	7.80	53.0	91.0	8.0
FS-SUSL-790	7.90	53.0	91.0	8.0
FS-SUSL-800	8.00	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSL-410	4.10	36.0	74.0	6.0
FS-SUSL-420	4.20	36.0	74.0	6.0
FS-SUSL-430	4.30	36.0	74.0	6.0
FS-SUSL-440	4.40	36.0	74.0	6.0
FS-SUSL-450	4.50	36.0	74.0	6.0
FS-SUSL-460	4.60	36.0	74.0	6.0
FS-SUSL-470	4.70	44.0	82.0	6.0
FS-SUSL-480	4.80	44.0	82.0	6.0
FS-SUSL-490	4.90	44.0	82.0	6.0
FS-SUSL-500	5.00	44.0	82.0	6.0
FS-SUSL-510	5.10	44.0	82.0	6.0
FS-SUSL-520	5.20	44.0	82.0	6.0
FS-SUSL-530	5.30	44.0	82.0	6.0
FS-SUSL-540	5.40	44.0	82.0	6.0
FS-SUSL-550	5.50	44.0	82.0	6.0
FS-SUSL-560	5.60	44.0	82.0	6.0
FS-SUSL-570	5.70	44.0	82.0	6.0
FS-SUSL-580	5.80	44.0	82.0	6.0
FS-SUSL-590	5.90	44.0	82.0	6.0
FS-SUSL-600	6.00	44.0	82.0	6.0
FS-SUSL-610	6.10	53.0	91.0	8.0
FS-SUSL-620	6.20	53.0	91.0	8.0
FS-SUSL-630	6.30	53.0	91.0	8.0
FS-SUSL-640	6.40	53.0	91.0	8.0
FS-SUSL-650	6.50	53.0	91.0	8.0
FS-SUSL-660	6.60	53.0	91.0	8.0
FS-SUSL-670	6.70	53.0	91.0	8.0
FS-SUSL-680	6.80	53.0	91.0	8.0
FS-SUSL-690	6.90	53.0	91.0	8.0
FS-SUSL-700	7.00	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSL-810	8.10	61.0	103.0	10.0
FS-SUSL-820	8.20	61.0	103.0	10.0
FS-SUSL-830	8.30	61.0	103.0	10.0
FS-SUSL-840	8.40	61.0	103.0	10.0
FS-SUSL-850	8.50	61.0	103.0	10.0
FS-SUSL-860	8.60	61.0	103.0	10.0
FS-SUSL-870	8.70	61.0	103.0	10.0
FS-SUSL-880	8.80	61.0	103.0	10.0
FS-SUSL-890	8.90	61.0	103.0	10.0
FS-SUSL-900	9.00	61.0	103.0	10.0
FS-SUSL-910	9.10	61.0	103.0	10.0
FS-SUSL-920	9.20	61.0	103.0	10.0
FS-SUSL-930	9.30	61.0	103.0	10.0
FS-SUSL-940	9.40	61.0	103.0	10.0
FS-SUSL-950	9.50	61.0	103.0	10.0
FS-SUSL-960	9.60	61.0	103.0	10.0
FS-SUSL-970	9.70	61.0	103.0	10.0
FS-SUSL-980	9.80	61.0	103.0	10.0
FS-SUSL-990	9.90	61.0	103.0	10.0
FS-SUSL-1000	10.00	61.0	103.0	10.0
FS-SUSL-1010	10.10	71.0	118.0	12.0
FS-SUSL-1020	10.20	71.0	118.0	12.0
FS-SUSL-1030	10.30	71.0	118.0	12.0
FS-SUSL-1040	10.40	71.0	118.0	12.0
FS-SUSL-1050	10.50	71.0	118.0	12.0
FS-SUSL-1060	10.60	71.0	118.0	12.0
FS-SUSL-1070	10.70	71.0	118.0	12.0
FS-SUSL-1080	10.80	71.0	118.0	12.0
FS-SUSL-1090	10.90	71.0	118.0	12.0
FS-SUSL-1100	11.00	71.0	118.0	12.0

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FS-SUSL系列/SIZE 5XD

歐標銑刀柄标准型鎢鋼鑽頭 (不銹鋼、鈦合金、鎳基合金、高溫合金專用)

Milling Shank Standard Tungsten Steel Drill (Stainless Steel Only)



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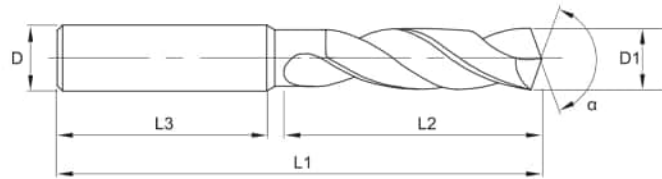
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歐標通用標準

規格區間: D11.1-D25.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSL-1110	11.10	71.0	118.0	12.0
FS-SUSL-1120	11.20	71.0	118.0	12.0
FS-SUSL-1130	11.30	71.0	118.0	12.0
FS-SUSL-1140	11.40	71.0	118.0	12.0
FS-SUSL-1150	11.50	71.0	118.0	12.0
FS-SUSL-1160	11.60	71.0	118.0	12.0
FS-SUSL-1170	11.70	71.0	118.0	12.0
FS-SUSL-1180	11.80	71.0	118.0	12.0
FS-SUSL-1190	11.90	71.0	118.0	12.0
FS-SUSL-1200	12.00	71.0	118.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSL-1510	15.10	83.0	133.0	16.0
FS-SUSL-1520	15.20	83.0	133.0	16.0
FS-SUSL-1530	15.30	83.0	133.0	16.0
FS-SUSL-1540	15.40	83.0	133.0	16.0
FS-SUSL-1550	15.50	83.0	133.0	16.0
FS-SUSL-1560	15.60	83.0	133.0	16.0
FS-SUSL-1570	15.70	83.0	133.0	16.0
FS-SUSL-1580	15.80	83.0	133.0	16.0
FS-SUSL-1590	15.90	83.0	133.0	16.0
FS-SUSL-1600	16.00	83.0	133.0	16.0

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訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSL-1210	12.10	77.0	124.0	14.0
FS-SUSL-1220	12.20	77.0	124.0	14.0
FS-SUSL-1230	12.30	77.0	124.0	14.0
FS-SUSL-1240	12.40	77.0	124.0	14.0
FS-SUSL-1250	12.50	77.0	124.0	14.0
FS-SUSL-1260	12.60	77.0	124.0	14.0
FS-SUSL-1270	12.70	77.0	124.0	14.0
FS-SUSL-1280	12.80	77.0	124.0	14.0
FS-SUSL-1290	12.90	77.0	124.0	14.0
FS-SUSL-1300	13.00	77.0	124.0	14.0
FS-SUSL-1310	13.10	77.0	124.0	14.0
FS-SUSL-1320	13.20	77.0	124.0	14.0
FS-SUSL-1330	13.30	77.0	124.0	14.0
FS-SUSL-1340	13.40	77.0	124.0	14.0
FS-SUSL-1350	13.50	77.0	124.0	14.0
FS-SUSL-1360	13.60	77.0	124.0	14.0
FS-SUSL-1370	13.70	77.0	124.0	14.0
FS-SUSL-1380	13.80	77.0	124.0	14.0
FS-SUSL-1390	13.90	77.0	124.0	14.0
FS-SUSL-1400	14.00	77.0	124.0	14.0
FS-SUSL-1410	14.10	83.0	133.0	16.0
FS-SUSL-1420	14.20	83.0	133.0	16.0
FS-SUSL-1430	14.30	83.0	133.0	16.0
FS-SUSL-1440	14.40	83.0	133.0	16.0
FS-SUSL-1450	14.50	83.0	133.0	16.0
FS-SUSL-1460	14.60	83.0	133.0	16.0
FS-SUSL-1470	14.70	83.0	133.0	16.0
FS-SUSL-1480	14.80	83.0	133.0	16.0
FS-SUSL-1490	14.90	83.0	133.0	16.0
FS-SUSL-1500	15.00	83.0	133.0	16.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSL-1650	16.50	101.0	153.0	18.0
FS-SUSL-1680	16.80	101.0	153.0	18.0
FS-SUSL-1700	17.00	101.0	153.0	18.0
FS-SUSL-1750	17.50	101.0	153.0	18.0
FS-SUSL-1780	17.80	101.0	153.0	18.0
FS-SUSL-1800	18.00	101.0	153.0	18.0
FS-SUSL-1850	18.50	101.0	153.0	20.0
FS-SUSL-1880	18.80	101.0	153.0	20.0
FS-SUSL-1900	19.00	101.0	153.0	20.0
FS-SUSL-1950	19.50	101.0	153.0	20.0
FS-SUSL-1980	19.80	101.0	153.0	20.0
FS-SUSL-2000	20.00	101.0	153.0	20.0
FS-SUSL-2050	20.50	135.0	200.0	22.0
FS-SUSL-2100	21.00	135.0	200.0	22.0
FS-SUSL-2150	21.50	135.0	200.0	22.0
FS-SUSL-2200	22.00	135.0	200.0	22.0
FS-SUSL-2250	22.50	140.0	200.0	24.0
FS-SUSL-2300	23.00	140.0	200.0	24.0
FS-SUSL-2350	23.50	140.0	200.0	24.0
FS-SUSL-2400	24.00	140.0	200.0	24.0
FS-SUSL-2450	24.50	140.0	200.0	25.0
FS-SUSL-2500	25.00	140.0	200.0	25.0

© SUSL-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
© SUSL-Applicable materials: Milling shank standard tungsten steel drill

FS-SUSH系列/SIZE 3XD

歐標銑刀柄標準內冷型鎢鋼鑽頭 (不銹鋼、鈦合金、鍍基合金、高溫合金專用)

Milling Tungsten Steel Drill Bit Shank Internal Coolant Supply (Stainless Steel Only)



高效·精密·耐用

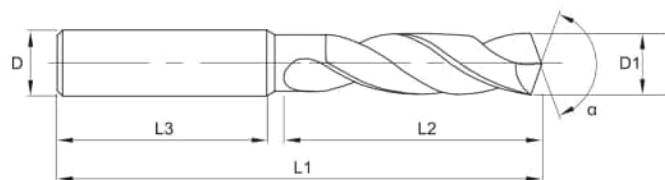
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D3.0-D11.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSH-300	3.00	20.0	62.0	4.0
FS-SUSH-310	3.10	20.0	62.0	4.0
FS-SUSH-320	3.20	20.0	62.0	4.0
FS-SUSH-330	3.30	20.0	62.0	4.0
FS-SUSH-340	3.40	20.0	62.0	4.0
FS-SUSH-350	3.50	20.0	62.0	4.0
FS-SUSH-360	3.60	20.0	62.0	4.0
FS-SUSH-370	3.70	20.0	62.0	4.0
FS-SUSH-380	3.80	24.0	66.0	4.0
FS-SUSH-390	3.90	24.0	66.0	4.0
FS-SUSH-400	4.00	24.0	66.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSH-710	7.10	41.0	79.0	8.0
FS-SUSH-720	7.20	41.0	79.0	8.0
FS-SUSH-730	7.30	41.0	79.0	8.0
FS-SUSH-740	7.40	41.0	79.0	8.0
FS-SUSH-750	7.50	41.0	79.0	8.0
FS-SUSH-760	7.60	41.0	79.0	8.0
FS-SUSH-770	7.70	41.0	79.0	8.0
FS-SUSH-780	7.80	41.0	79.0	8.0
FS-SUSH-790	7.90	41.0	79.0	8.0
FS-SUSH-800	8.00	41.0	79.0	8.0

© SUSH-適用切削材質: 不銹鋼、鈦合金、鍍基合金、高溫合金專用。(塗層刀具 煙灰色)

© SUSH-Applicable materials: Milling shank standard tungsten steel drill (stainless steel only) (Uncoated tools Gray)

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSH-410	4.10	24.0	66.0	6.0
FS-SUSH-420	4.20	24.0	66.0	6.0
FS-SUSH-430	4.30	24.0	66.0	6.0
FS-SUSH-440	4.40	24.0	66.0	6.0
FS-SUSH-450	4.50	24.0	66.0	6.0
FS-SUSH-460	4.60	24.0	66.0	6.0
FS-SUSH-470	4.70	28.0	66.0	6.0
FS-SUSH-480	4.80	28.0	66.0	6.0
FS-SUSH-490	4.90	28.0	66.0	6.0
FS-SUSH-500	5.00	28.0	66.0	6.0
FS-SUSH-510	5.10	28.0	66.0	6.0
FS-SUSH-520	5.20	28.0	66.0	6.0
FS-SUSH-530	5.30	28.0	66.0	6.0
FS-SUSH-540	5.40	28.0	66.0	6.0
FS-SUSH-550	5.50	28.0	66.0	6.0
FS-SUSH-560	5.60	28.0	66.0	6.0
FS-SUSH-570	5.70	28.0	66.0	6.0
FS-SUSH-580	5.80	28.0	66.0	6.0
FS-SUSH-590	5.90	28.0	66.0	6.0
FS-SUSH-600	6.00	28.0	66.0	6.0
FS-SUSH-610	6.10	34.0	79.0	8.0
FS-SUSH-620	6.20	34.0	79.0	8.0
FS-SUSH-630	6.30	34.0	79.0	8.0
FS-SUSH-640	6.40	34.0	79.0	8.0
FS-SUSH-650	6.50	34.0	79.0	8.0
FS-SUSH-660	6.60	34.0	79.0	8.0
FS-SUSH-670	6.70	34.0	79.0	8.0
FS-SUSH-680	6.80	34.0	79.0	8.0
FS-SUSH-690	6.90	34.0	79.0	8.0
FS-SUSH-700	7.00	34.0	79.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSH-810	8.10	47.0	89.0	10.0
FS-SUSH-820	8.20	47.0	89.0	10.0
FS-SUSH-830	8.30	47.0	89.0	10.0
FS-SUSH-840	8.40	47.0	89.0	10.0
FS-SUSH-850	8.50	47.0	89.0	10.0
FS-SUSH-860	8.60	47.0	89.0	10.0
FS-SUSH-870	8.70	47.0	89.0	10.0
FS-SUSH-880	8.80	47.0	89.0	10.0
FS-SUSH-890	8.90	47.0	89.0	10.0
FS-SUSH-900	9.00	47.0	89.0	10.0
FS-SUSH-910	9.10	47.0	89.0	10.0
FS-SUSH-920	9.20	47.0	89.0	10.0
FS-SUSH-930	9.30	47.0	89.0	10.0
FS-SUSH-940	9.40	47.0	89.0	10.0
FS-SUSH-950	9.50	47.0	89.0	10.0
FS-SUSH-960	9.60	47.0	89.0	10.0
FS-SUSH-970	9.70	47.0	89.0	10.0
FS-SUSH-980	9.80	47.0	89.0	10.0
FS-SUSH-990	9.90	47.0	89.0	10.0
FS-SUSH-1000	10.00	47.0	89.0	10.0
FS-SUSH-1010	10.10	55.0	102.0	12.0
FS-SUSH-1020	10.20	55.0	102.0	12.0
FS-SUSH-1030	10.30	55.0	102.0	12.0
FS-SUSH-1040	10.40	55.0	102.0	12.0
FS-SUSH-1050	10.50	55.0	102.0	12.0
FS-SUSH-1060	10.60	55.0	102.0	12.0
FS-SUSH-1070	10.70	55.0	102.0	12.0
FS-SUSH-1080	10.80	55.0	102.0	12.0
FS-SUSH-1090	10.90	55.0	102.0	12.0
FS-SUSH-1100	11.00	55.0	102.0	12.0

© SUSH-適用切削材質: 不銹鋼、鈦合金、鍍基合金、高溫合金專用。(塗層刀具 煙灰色)

© SUSH-Applicable materials: Milling shank standard tungsten steel drill (stainless steel only) (Uncoated tools Gray)

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FS-SUSH系列/SIZE 3XD

歐標銑刀柄標準內冷型鎢鋼鑽頭 (不銹鋼、鈦合金、鍍基合金、高溫合金專用)

Milling Tungsten Steel Drill Bit Shank Internal Coolant Supply (Stainless Steel Only)



高效·精密·耐用

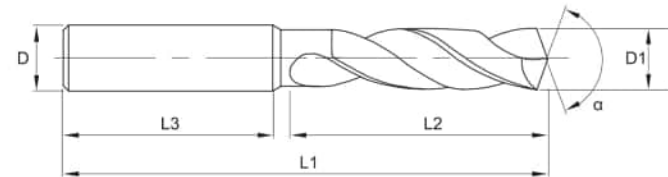
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D11.1-D25.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSH-1110	11.10	55.0	102.0	12.0
FS-SUSH-1120	11.20	55.0	102.0	12.0
FS-SUSH-1130	11.30	55.0	102.0	12.0
FS-SUSH-1140	11.40	55.0	102.0	12.0
FS-SUSH-1150	11.50	55.0	102.0	12.0
FS-SUSH-1160	11.60	55.0	102.0	12.0
FS-SUSH-1170	11.70	55.0	102.0	12.0
FS-SUSH-1180	11.80	55.0	102.0	12.0
FS-SUSH-1190	11.90	55.0	102.0	12.0
FS-SUSH-1200	12.00	55.0	102.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSH-1510	15.10	65.0	115.0	16.0
FS-SUSH-1520	15.20	65.0	115.0	16.0
FS-SUSH-1530	15.30	65.0	115.0	16.0
FS-SUSH-1540	15.40	65.0	115.0	16.0
FS-SUSH-1550	15.50	65.0	115.0	16.0
FS-SUSH-1560	15.60	65.0	115.0	16.0
FS-SUSH-1570	15.70	65.0	115.0	16.0
FS-SUSH-1580	15.80	65.0	115.0	16.0
FS-SUSH-1590	15.90	65.0	115.0	16.0
FS-SUSH-1600	16.00	65.0	115.0	16.0

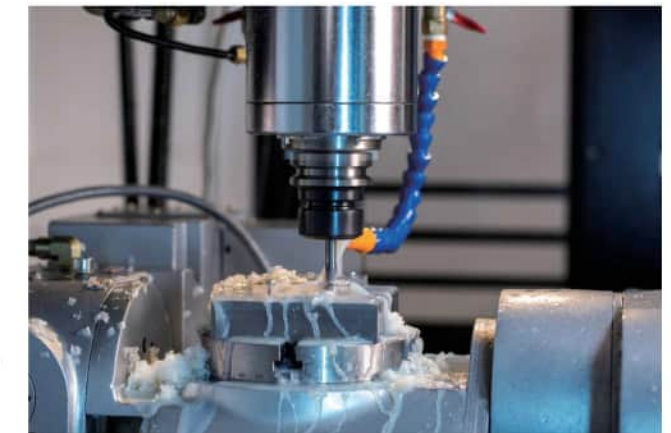
◎ SUSH-適用切削材質: 不銹鋼、鈦合金、鍍基合金、高溫合金專用。(塗層刀具 煙灰色)

◎ SUSH-Applicable materials: Milling shank standard tungsten steel drill (stainless steel only) (Uncoated tools Gray)

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSH-1210	12.10	60.0	107.0	14.0
FS-SUSH-1220	12.20	60.0	107.0	14.0
FS-SUSH-1230	12.30	60.0	107.0	14.0
FS-SUSH-1240	12.40	60.0	107.0	14.0
FS-SUSH-1250	12.50	60.0	107.0	14.0
FS-SUSH-1260	12.60	60.0	107.0	14.0
FS-SUSH-1270	12.70	60.0	107.0	14.0
FS-SUSH-1280	12.80	60.0	107.0	14.0
FS-SUSH-1290	12.90	60.0	107.0	14.0
FS-SUSH-1300	13.00	60.0	107.0	14.0
FS-SUSH-1310	13.10	60.0	107.0	14.0
FS-SUSH-1320	13.20	60.0	107.0	14.0
FS-SUSH-1330	13.30	60.0	107.0	14.0
FS-SUSH-1340	13.40	60.0	107.0	14.0
FS-SUSH-1350	13.50	60.0	107.0	14.0
FS-SUSH-1360	13.60	60.0	107.0	14.0
FS-SUSH-1370	13.70	60.0	107.0	14.0
FS-SUSH-1380	13.80	60.0	107.0	14.0
FS-SUSH-1390	13.90	60.0	107.0	14.0
FS-SUSH-1400	14.00	60.0	107.0	14.0
FS-SUSH-1410	14.10	65.0	115.0	16.0
FS-SUSH-1420	14.20	65.0	115.0	16.0
FS-SUSH-1430	14.30	65.0	115.0	16.0
FS-SUSH-1440	14.40	65.0	115.0	16.0
FS-SUSH-1450	14.50	65.0	115.0	16.0
FS-SUSH-1460	14.60	65.0	115.0	16.0
FS-SUSH-1470	14.70	65.0	115.0	16.0
FS-SUSH-1480	14.80	65.0	115.0	16.0
FS-SUSH-1490	14.90	65.0	115.0	16.0
FS-SUSH-1500	15.00	65.0	115.0	16.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSH-1650	16.50	73.0	123.0	18.0
FS-SUSH-1680	16.80	73.0	123.0	18.0
FS-SUSH-1700	17.00	73.0	123.0	18.0
FS-SUSH-1750	17.50	73.0	123.0	18.0
FS-SUSH-1780	17.80	73.0	123.0	18.0
FS-SUSH-1800	18.00	73.0	123.0	18.0
FS-SUSH-1900	19.00	79.0	131.0	20.0
FS-SUSH-1950	19.50	79.0	131.0	20.0
FS-SUSH-1980	19.80	79.0	131.0	20.0
FS-SUSH-2000	20.00	79.0	131.0	20.0
FS-SUSH-2050	20.50	79.0	131.0	22.0
FS-SUSH-2100	21.00	79.0	131.0	22.0
FS-SUSH-2150	21.50	79.0	131.0	22.0
FS-SUSH-2200	22.00	79.0	131.0	22.0
FS-SUSH-2250	22.50	96.0	153.0	24.0
FS-SUSH-2300	23.00	96.0	153.0	24.0
FS-SUSH-2350	23.50	96.0	153.0	24.0
FS-SUSH-2400	24.00	96.0	153.0	24.0
FS-SUSH-2450	24.50	96.0	153.0	25.0
FS-SUSH-2500	25.00	96.0	153.0	25.0

◎ SUSH-適用切削材質: 不銹鋼、鈦合金、鍍基合金、高溫合金專用。(塗層刀具 煙灰色)
 ◎ SUSH-Applicable materials: Milling shank standard tungsten steel drill (stainless steel only) (Uncoated tools Gray)



國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

FS-SUSM系列/SIZE 5XD

歐標銑刀柄標準內冷型鎢鋼鑽頭 (不銹鋼、鈦合金、鎳基合金、高溫合金專用)

Milling Tungsten Steel Drill Bit Shank Internal Coolant Supply (Stainless Steel Only)



高效·精密·耐用

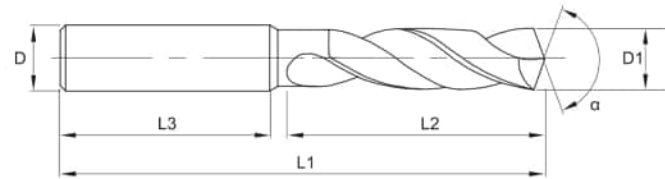
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D3.0-D11.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSM-300	3.00	28.0	66.0	4.0
FS-SUSM-310	3.10	28.0	66.0	4.0
FS-SUSM-320	3.20	28.0	66.0	4.0
FS-SUSM-330	3.30	28.0	66.0	4.0
FS-SUSM-340	3.40	28.0	66.0	4.0
FS-SUSM-350	3.50	28.0	66.0	4.0
FS-SUSM-360	3.60	28.0	66.0	4.0
FS-SUSM-370	3.70	28.0	66.0	4.0
FS-SUSM-380	3.80	36.0	74.0	4.0
FS-SUSM-390	3.90	36.0	74.0	4.0
FS-SUSM-400	4.00	36.0	74.0	4.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSM-710	7.10	53.0	91.0	8.0
FS-SUSM-720	7.20	53.0	91.0	8.0
FS-SUSM-730	7.30	53.0	91.0	8.0
FS-SUSM-740	7.40	53.0	91.0	8.0
FS-SUSM-750	7.50	53.0	91.0	8.0
FS-SUSM-760	7.60	53.0	91.0	8.0
FS-SUSM-770	7.70	53.0	91.0	8.0
FS-SUSM-780	7.80	53.0	91.0	8.0
FS-SUSM-790	7.90	53.0	91.0	8.0
FS-SUSM-800	8.00	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSM-410	4.10	36.0	74.0	6.0
FS-SUSM-420	4.20	36.0	74.0	6.0
FS-SUSM-430	4.30	36.0	74.0	6.0
FS-SUSM-440	4.40	36.0	74.0	6.0
FS-SUSM-450	4.50	36.0	74.0	6.0
FS-SUSM-460	4.60	36.0	74.0	6.0
FS-SUSM-470	4.70	44.0	82.0	6.0
FS-SUSM-480	4.80	44.0	82.0	6.0
FS-SUSM-490	4.90	44.0	82.0	6.0
FS-SUSM-500	5.00	44.0	82.0	6.0
FS-SUSM-510	5.10	44.0	82.0	6.0
FS-SUSM-520	5.20	44.0	82.0	6.0
FS-SUSM-530	5.30	44.0	82.0	6.0
FS-SUSM-540	5.40	44.0	82.0	6.0
FS-SUSM-550	5.50	44.0	82.0	6.0
FS-SUSM-560	5.60	44.0	82.0	6.0
FS-SUSM-570	5.70	44.0	82.0	6.0
FS-SUSM-580	5.80	44.0	82.0	6.0
FS-SUSM-590	5.90	44.0	82.0	6.0
FS-SUSM-600	6.00	44.0	82.0	6.0
FS-SUSM-610	6.10	53.0	91.0	8.0
FS-SUSM-620	6.20	53.0	91.0	8.0
FS-SUSM-630	6.30	53.0	91.0	8.0
FS-SUSM-640	6.40	53.0	91.0	8.0
FS-SUSM-650	6.50	53.0	91.0	8.0
FS-SUSM-660	6.60	53.0	91.0	8.0
FS-SUSM-670	6.70	53.0	91.0	8.0
FS-SUSM-680	6.80	53.0	91.0	8.0
FS-SUSM-690	6.90	53.0	91.0	8.0
FS-SUSM-700	7.00	53.0	91.0	8.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSM-810	8.10	61.0	103.0	10.0
FS-SUSM-820	8.20	61.0	103.0	10.0
FS-SUSM-830	8.30	61.0	103.0	10.0
FS-SUSM-840	8.40	61.0	103.0	10.0
FS-SUSM-850	8.50	61.0	103.0	10.0
FS-SUSM-860	8.60	61.0	103.0	10.0
FS-SUSM-870	8.70	61.0	103.0	10.0
FS-SUSM-880	8.80	61.0	103.0	10.0
FS-SUSM-890	8.90	61.0	103.0	10.0
FS-SUSM-900	9.00	61.0	103.0	10.0
FS-SUSM-910	9.10	61.0	103.0	10.0
FS-SUSM-920	9.20	61.0	103.0	10.0
FS-SUSM-930	9.30	61.0	103.0	10.0
FS-SUSM-940	9.40	61.0	103.0	10.0
FS-SUSM-950	9.50	61.0	103.0	10.0
FS-SUSM-960	9.60	61.0	103.0	10.0
FS-SUSM-970	9.70	61.0	103.0	10.0
FS-SUSM-980	9.80	61.0	103.0	10.0
FS-SUSM-990	9.90	61.0	103.0	10.0
FS-SUSM-1000	10.00	61.0	103.0	10.0
FS-SUSM-1010	10.10	71.0	118.0	12.0
FS-SUSM-1020	10.20	71.0	118.0	12.0
FS-SUSM-1030	10.30	71.0	118.0	12.0
FS-SUSM-1040	10.40	71.0	118.0	12.0
FS-SUSM-1050	10.50	71.0	118.0	12.0
FS-SUSM-1060	10.60	71.0	118.0	12.0
FS-SUSM-1070	10.70	71.0	118.0	12.0
FS-SUSM-1080	10.80	71.0	118.0	12.0
FS-SUSM-1090	10.90	71.0	118.0	12.0
FS-SUSM-1100	11.00	71.0	118.0	12.0

© SUSM-通用切削材質: 不銹鋼、鈦合金、鎳基合金、高溫合金專用
 © SUSM-Applicable materials: Milling shank standard tungsten steel drill (stainless steel only) (Uncoated tools Black)

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FS-SUSM系列/SIZE 5XD

歐標銑刀柄標準內冷型鎢鋼鑽頭 (不銹鋼、鈦合金、鎳基合金、高溫合金專用)

Milling Tungsten Steel Drill Bit Shank Internal Coolant Supply (Stainless Steel Only)



高效·精密·耐用

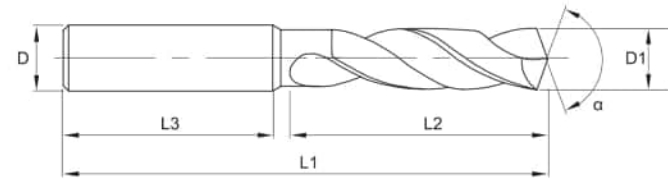
High Efficiency · Precision · Economy And Durability



歐標通用標準

規格區間: D11.1-D25.0

規格間距: 0.10mm



訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSM-1110	11.10	71.0	118.0	12.0
FS-SUSM-1120	11.20	71.0	118.0	12.0
FS-SUSM-1130	11.30	71.0	118.0	12.0
FS-SUSM-1140	11.40	71.0	118.0	12.0
FS-SUSM-1150	11.50	71.0	118.0	12.0
FS-SUSM-1160	11.60	71.0	118.0	12.0
FS-SUSM-1170	11.70	71.0	118.0	12.0
FS-SUSM-1180	11.80	71.0	118.0	12.0
FS-SUSM-1190	11.90	71.0	118.0	12.0
FS-SUSM-1200	12.00	71.0	118.0	12.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSM-1510	15.10	83.0	133.0	16.0
FS-SUSM-1520	15.20	83.0	133.0	16.0
FS-SUSM-1530	15.30	83.0	133.0	16.0
FS-SUSM-1540	15.40	83.0	133.0	16.0
FS-SUSM-1550	15.50	83.0	133.0	16.0
FS-SUSM-1560	15.60	83.0	133.0	16.0
FS-SUSM-1570	15.70	83.0	133.0	16.0
FS-SUSM-1580	15.80	83.0	133.0	16.0
FS-SUSM-1590	15.90	83.0	133.0	16.0
FS-SUSM-1600	16.00	83.0	133.0	16.0

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 © SUSM-Applicable materials: Milling shank standard tungsten steel drill (stainless steel only) (Uncoated tools Black)

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSM-1210	12.10	77.0	124.0	14.0
FS-SUSM-1220	12.20	77.0	124.0	14.0
FS-SUSM-1230	12.30	77.0	124.0	14.0
FS-SUSM-1240	12.40	77.0	124.0	14.0
FS-SUSM-1250	12.50	77.0	124.0	14.0
FS-SUSM-1260	12.60	77.0	124.0	14.0
FS-SUSM-1270	12.70	77.0	124.0	14.0
FS-SUSM-1280	12.80	77.0	124.0	14.0
FS-SUSM-1290	12.90	77.0	124.0	14.0
FS-SUSM-1300	13.00	77.0	124.0	14.0
FS-SUSM-1310	13.10	77.0	124.0	14.0
FS-SUSM-1320	13.20	77.0	124.0	14.0
FS-SUSM-1330	13.30	77.0	124.0	14.0
FS-SUSM-1340	13.40	77.0	124.0	14.0
FS-SUSM-1350	13.50	77.0	124.0	14.0
FS-SUSM-1360	13.60	77.0	124.0	14.0
FS-SUSM-1370	13.70	77.0	124.0	14.0
FS-SUSM-1380	13.80	77.0	124.0	14.0
FS-SUSM-1390	13.90	77.0	124.0	14.0
FS-SUSM-1400	14.00	77.0	124.0	14.0
FS-SUSM-1410	14.10	83.0	133.0	16.0
FS-SUSM-1420	14.20	83.0	133.0	16.0
FS-SUSM-1430	14.30	83.0	133.0	16.0
FS-SUSM-1440	14.40	83.0	133.0	16.0
FS-SUSM-1450	14.50	83.0	133.0	16.0
FS-SUSM-1460	14.60	83.0	133.0	16.0
FS-SUSM-1470	14.70	83.0	133.0	16.0
FS-SUSM-1480	14.80	83.0	133.0	16.0
FS-SUSM-1490	14.90	83.0	133.0	16.0
FS-SUSM-1500	15.00	83.0	133.0	16.0

訂貨編號 Order NO.	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter
FS-SUSM-1650	16.50	101.0	153.0	18.0
FS-SUSM-1680	16.80	101.0	153.0	18.0
FS-SUSM-1700	17.00	101.0	153.0	18.0
FS-SUSM-1750	17.50	101.0	153.0	18.0
FS-SUSM-1780	17.80	101.0	153.0	18.0
FS-SUSM-1800	18.00	101.0	153.0	18.0
FS-SUSM-1850	18.50	101.0	153.0	20.0
FS-SUSM-1880	18.80	101.0	153.0	20.0
FS-SUSM-1900	19.00	101.0	153.0	20.0
FS-SUSM-1950	19.50	101.0	153.0	20.0
FS-SUSM-1980	19.80	101.0	153.0	20.0
FS-SUSM-2000	20.00	101.0	153.0	20.0
FS-SUSM-2050	20.50	135.0	200.0	22.0
FS-SUSM-2100	21.00	135.0	200.0	22.0
FS-SUSM-2150	21.50	135.0	200.0	22.0
FS-SUSM-2200	22.00	135.0	200.0	22.0
FS-SUSM-2250	22.50	140.0	200.0	24.0
FS-SUSM-2300	23.00	140.0	200.0	24.0
FS-SUSM-2350	23.50	140.0	200.0	24.0
FS-SUSM-2400	24.00	140.0	200.0	24.0
FS-SUSM-2450	24.50	140.0	200.0	25.0
FS-SUSM-2500	25.00	140.0	200.0	25.0

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 © SUSM-Applicable materials: Milling shank standard tungsten steel drill (stainless steel only) (Uncoated tools Black)

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標刀具
National Standard

歐標刀具
European Standard

技術資料
Technical Information

國標通用型鎢鋼鑽頭-3柄定長
(FS-MD/MC 規格間距0.05mm 塗層: MC煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD備庫(○) MC備庫(●)
FS-MD/MC	020-030	0.2-0.3	3.0	38.0	3.0	○●
	040-050	0.4-0.5	4.0	38.0	3.0	○●
	060-090	0.6-0.9	6.0	38.0	3.0	○●
	100-120	1.0-1.2	7.0	38.0	3.0	○●
	130-150	1.3-1.5	8.0	38.0	3.0	○●
	160-170	1.6-1.7	9.0	38.0	3.0	○●
	180-190	1.8-1.9	10.0	38.0	3.0	○●
	200-300	2.0-3.0	12.0	38.0	3.0	○●

國標通用型鎢鋼鑽頭-3柄定長
(FS-MD/MC 規格間距0.01mm 塗層: MC煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD備庫(○) MC備庫(●)
FS-MD/MC	021-039	0.21-0.39	3.0	38.0	3.0	○●
	041-054	0.41-0.54	4.0	38.0	3.0	○●
	056-059	0.56-0.59	5.0	38.0	3.0	○●
	061-099	0.61-0.99	6.0	38.0	3.0	○●
	101-124	1.01-1.24	7.0	38.0	3.0	○●
	126-159	1.26-1.59	8.0	38.0	3.0	○●
	161-179	1.61-1.79	9.0	38.0	3.0	○●
	181-199	1.81-1.99	10.0	38.0	3.0	○●
	201-299	2.01-2.99	12.0	38.0	3.0	○●

國標通用型鎢鋼鑽頭-3D
(PT/PC/PS 規格間距0.05mm 塗層: PC=古銅色 PS=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 PT備庫(○) PC備庫(●) PS備庫(●)
FS-PT/PC/PS	50	0.5	4.0	50.0	4.0	○●●
	060-090	0.6-0.9	5.0	50.0	4.0	○●●
	100-130	1.0-1.3	6.0	50.0	4.0	○●●
	140-170	1.4-1.7	8.0	50.0	4.0	○●●
	180-190	1.8-1.9	9.0	50.0	4.0	○●●
	200-220	2.0-2.2	10.0	50.0	4.0	○●●
	230-260	2.3-2.6	12.0	50.0	4.0	○●●
	270-300	2.7-3.0	14.0	50.0	4.0	○●●
	310-350	3.1-3.5	16.0	50.0	4.0	○●●
360-400	3.6-4.0	18.0	50.0	4.0	○●●	

國標通用型鎢鋼鑽頭-3D
(PT/PC/PS 規格間距0.01mm 塗層: PC=古銅色 PS=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 PT備庫(○) PC備庫(●) PS備庫(●)
FS-PT/PC/PS	051-099	0.51-0.99	5.0	50.0	4.0	○●●
	101-134	1.01-1.34	6.0	50.0	4.0	○●●
	136-179	1.36-1.79	8.0	50.0	4.0	○●●
	181-199	1.81-1.99	9.0	50.0	4.0	○●●
	201-229	2.01-2.29	10.0	50.0	4.0	○●●
	231-259	2.31-2.59	12.0	50.0	4.0	○●●
	261-299	2.61-2.99	14.0	50.0	4.0	○●●
	301-359	3.01-3.59	16.0	50.0	4.0	○●●
	361-399	3.61-3.99	18.0	50.0	4.0	○●●

國標通用型鎢鋼鑽頭-3D
(PT/PC/PS 規格間距0.10mm 塗層: PC=古銅色 PS=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 PT備庫(○) PC備庫(●) PS備庫(●)
FS-PT/PC/PS	410-450	4.1-4.5	18.0	50.0	5.0	○●●
	460-500	4.6-5.0	20.0	50.0	5.0	○●●
	510-600	5.1-6.0	25.0	50.0	6.0	○●●
	610-700	6.1-7.0	30.0	60.0	8.0	○●●
	710-800	7.1-8.0	32.0	60.0	8.0	○●●
	810-1000	8.1-10.0	40.0	75.0	10.0	○●●
	1010-1100	10.1-11.0	42.0	75.0	12.0	○●●
	1110-1200	11.1-12.0	48.0	80.0	12.0	○●●

國標通用型鎢鋼鑽頭-3D
(PT/PC/PS 規格間距0.05mm 塗層: PC=古銅色 PS=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 PT備庫(○) PC備庫(●) PS備庫(●)
FS-PT/PC/PS	405-445	4.05-4.45	18.0	50.0	5.0	○●●
	455-495	4.55-4.95	20.0	50.0	5.0	○●●
	505-595	5.05-5.95	25.0	50.0	6.0	○●●
	605-695	6.05-6.95	30.0	60.0	8.0	○●●
	705-795	7.05-7.95	32.0	60.0	8.0	○●●
	805-995	8.05-9.95	40.0	75.0	10.0	○●●
	1005-1095	10.05-10.95	42.0	75.0	12.0	○●●
	1105-1195	11.05-11.95	48.0	80.0	12.0	○●●

備註: 1.MD、PT系列適用於有色金屬、非金屬材料。未塗層。
2.PC系列適用於加工HRC55°材料: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。塗層: 古銅色
3.PS系列適用於加工HRC55°材料: 不銹鋼、鈦合金、高溫合金、鎳基合金等。塗層: 煙灰色。
4.未備庫之規格可以接單定製。塗層: 煙灰色

國標直柄通用型鎢鋼鑽頭
(FS-ZA/ZG 規格間距0.10mm 塗層: ZG=古銅色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 ZA備庫(○) ZG備庫(●)
FS-ZA/ZG	100-120	1.0-1.2	10.0	34.0	1.0-1.2	
	130-150	1.3-1.5	12.0	36.0	1.3-1.5	
	160-180	1.6-1.8	13.0	38.0	1.6-1.8	
	190-200	1.9-2.0	14.0	40.0	1.9-2.0	
	210-220	2.1-2.2	15.0	40.0	2.1-2.2	
	230-240	2.3-2.4	16.0	42.0	2.3-2.4	
	250-260	2.5-2.6	17.0	42.0	2.5-2.6	
	270-290	2.7-2.9	18.0	45.0	2.7-2.9	
	300-310	3.0-3.1	20.0	45.0	3.0-3.1	
	320-330	3.2-3.3	22.0	50.0	3.2-3.3	
	340-350	3.4-3.5	23.0	50.0	3.4-3.5	
	360-400	3.6-4.0	24.0	50.0	3.6-4.0	

國標直柄通用型鎢鋼鑽頭
(FS-ZA/ZG 規格間距0.10mm 塗層: ZG=古銅色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 ZA備庫(○) ZG備庫(●)
FS-ZA/ZG	410-450	4.1-4.5	25.0	52.0	4.1-4.5	
	460-500	4.6-5.0	28.0	55.0	4.6-5.0	
	510-550	5.1-5.5	30.0	55.0	5.1-5.5	
	560-600	5.6-6.0	33.0	60.0	5.6-6.0	
	610-650	6.1-6.5	38.0	75.0	6.1-6.5	
	660-700	6.6-7.0	42.0	80.0	6.6-7.0	
	710-800	7.1-8.0	53.0	91.0	7.1-8.0	
	810-900	8.1-9.0	61.0	103.0	8.1-9.0	
	910-1000	9.1-10.0	61.0	103.0	9.1-10.0	
	1010-1100	10.1-11.00	71.0	118.0	10.1-11.0	
	1110-1200	11.1-12.0	71.0	118.0	11.1-12.0	
	1210-1300	12.1-13.0	77.0	124.0	12.1-13.0	
	1310-1400	13.1-14.0	83.0	133.0	13.1-14.0	

國標銑刀柄通用型鎢鋼鑽頭-5D
(XA/XG/XS 規格間距0.05mm 塗層: XG=古銅色 XS=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 XA備庫(○) XG備庫(●) XS備庫(●)
HB-XA/XG/XS	040-045	0.4-0.45	4.5	50.0	4.0	○●●
	050-055	0.5-0.55	5.0	50.0	4.0	○●●
	060-095	0.6-0.95	6.0	50.0	4.0	○●●
	100-135	1.0-1.35	8.0	50.0	4.0	○●●
	140-155	1.4-1.55	9.0	50.0	4.0	○●●
	160-175	1.6-1.75	10.0	50.0	4.0	○●●
	180-215	1.8-2.15	12.0	50.0	4.0	○●●
	220-235	2.2-2.35	13.0	50.0	4.0	○●●
	240-265	2.4-2.65	14.0	50.0	4.0	○●●
	270-300	2.7-3.0	16.0	50.0	4.0	○●●
	310-355	3.1-3.55	20.0	52.0	4.0	○●●
	360-400	3.6-4.0	23.0	55.0	4.0	○●●

國標銑刀柄通用型鎢鋼鑽頭-5D
(XA/XG/XS 規格間距0.01mm 塗層: XG=古銅色 XS=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 XA備庫(○) XG備庫(●) XS備庫(●)
HB-XA/XG/XS	051-059	0.51-0.59	5.0	50.0	4.0	○●●
	061-099	0.61-0.99	6.0	50.0	4.0	○●●
	101-139	1.01-1.39	8.0	50.0	4.0	○●●
	141-159	1.41-1.59	9.0	50.0	4.0	○●●
	161-179	1.61-1.79	10.0	50.0	4.0	○●●
	181-219	1.81-2.19	12.0	50.0	4.0	○●●
	221-239	2.21-2.39	13.0	50.0	4.0	○●●
	241-269	2.41-2.69	14.0	50.0	4.0	○●●
	271-299	2.71-2.99	16.0	50.0	4.0	○●●
	301-349	3.01-3.49	20.0	52.0	4.0	○●●
	351-399	3.51-3.99	23.0	55.0	4.0	○●●
	401-459	4.01-4.59	26.0	60.0	5.0	○●●
	461-499	4.61-5.99	28.0	60.0	5.0	○●●
	501-559	5.01-5.59	30.0	65.0	6.0	○●●
561-599	5.61-5.99	32.0	65.0	6.0	○●●	

備註: 1.ZA/XA系列適用於有色金屬、非金屬材料。未塗層。
2.ZG/XG系列適用於加工HRC55°材料: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。塗層: 古銅色
3.XS系列適用於加工HRC55°材料: 不銹鋼、鈦合金、高溫合金、鎳基合金等。塗層: 煙灰色。
4.未備庫之規格可以接單定製。塗層: 煙灰色

國標銑刀柄通用型鎢鋼鑽頭-5D

(XA/XG/XS 規格間距0.10mm 塗層: XG=古銅色 XS=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 XA(○) XG(○) XS(●)
HB-XA/XG/XS	410-450	4.1-4.5	26.0	60.0	5.0	○○●
	460-500	4.6-5.0	28.0	60.0	5.0	○○●
	510-550	5.1-5.5	30.0	65.0	6.0	○○●
	560-600	5.6-6.0	32.0	65.0	6.0	○○●
	610-650	6.1-6.5	38.0	75.0	7.0	○○●
	660-700	6.6-7.0	42.0	80.0	7.0	○○●
	710-800	7.1-8.0	53.0	91.0	8.0	○○●
	810-900	8.1-9.0	61.0	103.0	9.0	○○●
	910-1000	9.1-10.0	61.0	103.0	10.0	○○●
	1010-1100	10.1-11.0	71.0	118.0	11.0	○○●
1110-1200	11.1-12.0	71.0	118.0	12.0	○○●	

國標銑刀柄通用型鎢鋼鑽頭-5D

(XA/XG/XS 規格間距0.05mm 塗層: XG=古銅色 XS=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 XA(○) XG(○) XS(●)
HB-XA/XG/XS	405-445	4.05-4.45	26.0	60.0	5.0	○○●
	455-495	4.55-4.95	28.0	60.0	5.0	○○●
	505-545	5.05-5.45	30.0	65.0	6.0	○○●
	555-595	5.55-5.95	32.0	65.0	6.0	○○●
	605-645	6.05-6.45	38.0	75.0	7.0	○○●
	655-695	6.55-6.95	42.0	80.0	7.0	○○●
	705-795	7.05-7.95	53.0	91.0	8.0	○○●
	805-895	8.05-8.95	61.0	103.0	9.0	○○●
	905-995	9.05-9.95	61.0	103.0	10.0	○○●
	1005-1095	10.05-10.95	71.0	118.0	11.0	○○●
	1105-1195	11.05-11.95	71.0	118.0	12.0	○○●

國標直柄4-12柄加長型鎢鋼鑽頭

(FS-EA(ELA)/EG/ELG(ELG/ELS) 規格間距0.05mm) 塗層: G=古銅色 S=煙灰色

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 EA(○) EG(○) ELG(○) ES(●)
FS-EA/EG/ES	050-300	0.5-3.0	8-15	50.0	4.0	○○●
			15-25			○○●
FS-ELA/ELG/ELS	100-400	1.00-4.0	16-20	75.0	4.0	○○●
			21-25			○○●
			26-30			○○●
			31-40			○○●
			41-50			○○●
			45-60			○○●
	401-600	4.01-6.0	61-80	125.0	6.0	○○●
			81-100			○○●
			45-60			○○●
			61-80			○○●
	601-800	6.01-8.0	81-100	150.0	8.0	○○●
			45-60			○○●
			61-80			○○●
			81-100			○○●
	801-1000	8.01-10.0	50-60	100.0	10.0	○○●
			61-80			○○●
81-100			○○●			
61-80			○○●			
1010-1200	10.1-12.0	81-100	150.0	12.0	○○●	
		81-100			○○●	
1210-1400	12.1-14.0	80-100	150.0	14.0	○○●	
		80-100			○○●	
1410-1600	12.1-16.0	80-100	150.0	16.0	○○●	

國標定柄鎢鋼定點鑽倒角刀

(HB-DA/DG) 塗層: G=古銅色 S=煙灰色

訂貨編號 Order NO.	規格編號 Specification number	鑽尖角度 Drill tip angle	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 DA(○) DG(○)
HB-DA/DG	6010-6040	60°	1.0-4.0	3-12	50.0	4.0	
	6050		5.0	16	50.0	5.0	
	6060		6.0	18	50.0	6.0	
	6080		8.0	22	65.0	8.0	
	60100		10.0	25	75.0	10.0	
	9010-9040		90°	1.0-4.0	3-12	50.0	4.0
	9050			5.0	16	50.0	5.0
	9060			6.0	18	50.0	6.0
	9080			8.0	22	65.0	8.0
	90100			10.0	25	75.0	10.0
12010-12040	120°	1.0-4.0		3-12	50.0	4.0	
12050		5.0		16	50.0	5.0	
12060		6.0		18	50.0	6.0	
12080		8.0		22	65.0	8.0	
120100		10.0		25	75.0	10.0	

國標直柄1-6.10柄通用型鎢鋼鉸刀

(FS-ZJA/ZJS規格間距0.01mm 塗層 S=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	刃數F Flutes	備庫狀況 ZJA(○) ZJS(○)
FS-ZJA/ZJS	100-260	1.00-2.60	15.0	50.0	1.00-2.60	4	○○
	261-310	2.61-3.10	20.0	50.0	2.61-3.10	4	○○
	311-400	3.11-4.00	25.0	50.0	3.11-4.00	4	○○
	401-490	4.01-4.90	25.0	50.0	4.01-4.90	6	○○
	491-510	4.91-5.10	30.0	60.0	4.91-6.00	6	○○
	511-610	5.11-6.10	30.0	60.0	5.11-6.10	6	○○

國標直柄1-6.10柄通用型鎢鋼鉸刀

(FS-ZJA/ZJS規格間距0.01mm 塗層 S=煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	刃數F Flutes	備庫狀況 ZJA(○) ZJS(○)
FS-ZJA/ZJS	611-750	6.11-7.50	30.0	60.0	6.11-7.50	6	○○
	751-850	7.51-8.50	35.0	70.0	7.51-8.50	6	○○
	851-910	8.51-9.10	40.0	80.0	8.51-9.10	6	○○
	911-1010	9.11-10.10	40.0	80.0	9.11-10.10	6	○○
	1011-1110	10.11-11.10	40.0	80.0	10.11-11.10	6	○○
	1111-1209	11.11-12.09	40.0	80.0	11.11-12.09	6	○○

國標通用型鎢鋼鑽頭

4-20定柄定長 (FS-LLM 規格間距0.1mm 總長120 塗層: MC煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 LLM(●)
FS-LLM	300	3.0	80.0	120.0	3.0	●
	310-400	3.1-4.0	80.0	120.0	4.0	●
	410-500	4.1-5.0	80.0	120.0	5.0	●
	510-610	5.1-6.0	80.0	120.0	6.0	●
	610-700	6.1-7.0	80.0	120.0	7.0	●
	710-800	7.1-8.0	80.0	120.0	8.0	●
	810-900	8.1-10.0	80.0	120.0	9.0	●
	910-1000	9.1-10.0	80.0	120.0	10.0	●
	1010-1100	10.1-11.0	80.0	120.0	11.0	●

國標通用型鎢鋼鑽頭

4-20定柄定長 (FS-LLM 規格間距0.1mm 總長120 塗層: MC煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 LLM(●)
FS-LLM	1110-1200	11.1-12.0	80.0	120.0	12.0	●
	1210-1300	11.1-12.0	80.0	120.0	13.0	●
	1310-1400	13.1-14.0	80.0	120.0	14.0	●
	1410-1500	14.1-15.0	80.0	120.0	15.0	●
	1510-1600	15.1-16.0	80.0	120.0	16.0	●
	1610-1700	16.1-17.0	80.0	120.0	17.0	●
	1710-1800	17.1-18.0	80.0	120.0	18.0	●
	1810-1900	18.1-19.0	80.0	120.0	19.0	●
	1910-2000	19.1-20.0	80.0	120.0	20.0	●

備註: 1.ZG/XG系列適用於加工HRC55°材料: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。塗層: 古銅色
 2.XS系列C系列適用於加工HRC55°材料: 不銹鋼、鈦合金、高溫合金、鎳基合金等。塗層: 煙灰色。
 3.EA/ELA/DA系列適用於有色金屬、非金屬材料。未塗層。
 4.EG/ELG/DG系列適用於加工≤HRC55°材料: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。塗層: EG/ELG/古銅色 DG煙灰色
 5.ES/ELS系列適用於加工HRC55°材料: 不銹鋼、鈦合金、高溫合金、鎳基合金等。塗層: 煙灰色。
 6.未備庫存之規格可以接單定製。塗層: 煙灰色

備註: 1.ZJA系列適用於有色金屬、非金屬材料。未塗層。
 2.ZJS系列適用於加工≤HRC55°材料: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。塗層: 煙灰色
 3.LLM列適用於: A. 有色金屬、非金屬材料。
 B. ≤HRC55°材料: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。
 C. 不銹鋼、鈦合金、高溫合金、鎳基合金等。塗層: 煙灰色。
 4.未備庫存之規格可以接單定製。塗層: 煙灰色

國標通用型錫鋼鑽頭

4-20定柄定長 (FS-LLH 規格間距0.1mm 總長150 塗層: MC煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 LLH備庫(●)
FS-LLH	300-400	3.0-4.0	100.0	150.0	4.0	●
	410-500	4.1-5.0	100.0	150.0	5.0	●
	510-610	5.1-6.0	100.0	150.0	6.0	●
	610-700	6.1-7.0	100.0	150.0	7.0	●
	710-800	7.1-8.0	100.0	150.0	8.0	●
	810-900	8.1-10.0	100.0	150.0	9.0	●
	910-1000	9.1-10.0	100.0	150.0	10.0	●
	1010-1100	10.1-11.0	100.0	150.0	11.0	●
	1110-1200	11.1-12.0	100.0	150.0	12.0	●

國標通用型錫鋼鑽頭

4-20定柄定長 (FS-LLH 規格間距0.1mm 總長150 塗層: MC煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 LLH備庫(●)
FS-LLH	1210-1300	11.1-12.0	100.0	150.0	13.0	●
	1310-1400	13.1-14.0	100.0	150.0	14.0	●
	1410-1500	14.1-15.0	100.0	150.0	15.0	●
	1510-1600	15.1-16.0	100.0	150.0	16.0	●
	1610-1700	16.1-17.0	100.0	150.0	17.0	●
	1710-1800	17.1-18.0	100.0	150.0	18.0	●
	1810-1900	18.1-19.0	100.0	150.0	19.0	●
	1910-2000	19.1-20.0	100.0	150.0	20.0	●

國標通用型錫鋼鑽頭

4-20定柄定長 (FS-LLN 規格間距0.1mm 總長200 塗層: MC煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 LLN備庫(●)
FS-LLN	300-400	3.0-4.0	150.0	200.0	4.0	●
	410-500	4.1-5.0	150.0	200.0	5.0	●
	510-610	5.1-6.0	150.0	200.0	6.0	●
	610-700	6.1-7.0	150.0	200.0	7.0	●
	710-800	7.1-8.0	150.0	200.0	8.0	●
	810-900	8.1-10.0	150.0	200.0	9.0	●
	910-1000	9.1-10.0	150.0	200.0	10.0	●
	1010-1100	10.1-11.0	150.0	200.0	11.0	●
	1110-1200	11.1-12.0	150.0	200.0	12.0	●

國標通用型錫鋼鑽頭

4-20定柄定長 (FS-LLN 規格間距0.1mm 總長200 塗層: MC煙灰色)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 LLN備庫(●)
FS-LLN	1210-1300	11.1-12.0	150.0	200.0	13.0	●
	1310-1400	13.1-14.0	150.0	200.0	14.0	●
	1410-1500	14.1-15.0	150.0	200.0	15.0	●
	1510-1600	15.1-16.0	150.0	200.0	16.0	●
	1610-1700	16.1-17.0	150.0	200.0	17.0	●
	1710-1800	17.1-18.0	150.0	200.0	18.0	●
	1810-1900	18.1-19.0	150.0	200.0	19.0	●
	1910-2000	19.1-20.0	150.0	200.0	20.0	●

日標銑刀柄平底標準型錫鋼鑽頭3D-5D (PA/PG 規格間距0.05mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 HD備庫(○) MC備庫(●)
FS-PA/PG	050-100	0.50-1.00	4.0	50.0	3.0	○○
	105-150	1.05-1.55	6.0	50.0	3.0	○○
	155-195	1.55-1.95	10.0	50.0	3.0	○○
	200-295	2.00-2.95	14.0	50.0	4.0	○○
	300-400	3.00-4.00	17.0	50.0	4.0	○○
	405-500	4.05-5.00	23.0	65.0	6.0	○○
	505-600	5.05-6.00	27.0	65.0	6.0	○○
	605-700	6.05-7.00	32.0	75.0	8.0	○○
	705-800	7.05-8.00	36.0	75.0	8.0	○○

日標銑刀柄平底標準型錫鋼鑽頭3D-5D (PA/PG 規格間距0.10mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 HD備庫(○) MC備庫(●)
FS-PA/PG	805-900	8.05-9.0	41.0	85.0	10.0	○○
	905-1000	9.05-10.0	45.0	85.0	10.0	○○
	1010-1100	10.1-11.0	50.0	95.0	12.0	○○
	1110-1200	11.1-12.0	54.0	95.0	12.0	○○
	1210-1250	12.1-12.5	57.0	100.0	14.0	○○
	1260-1300	12.6-13.0	59.0	100.0	14.0	○○

日標銑刀柄平底標準型錫鋼鑽頭3D-5D (PA/PG 規格間距0.05mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 HD備庫(○) MC備庫(●)
FS-PA/PG	1350	13.5	61.0	105.0	14.0	○○
	1400	14.0	63.0	105.0	14.0	○○
	1450	14.5	65.0	110.0	16.0	○○
	1500	15.0	68.0	110.0	16.0	○○
	1550	15.5	70.0	120.0	16.0	○○
	1600	16.0	72.0	120.0	16.0	○○
	1650	16.5	75.0	125.0	18.0	○○
	1700	17.0	77.0	125.0	18.0	○○
	1750	17.5	79.0	130.0	18.0	○○
	1800	18.0	81.0	130.0	18.0	○○
	1850	18.5	84.0	135.0	20.0	○○
	1900	19.0	86.0	135.0	20.0	○○
	1950	19.5	88.0	145.0	20.0	○○
	2000	20.0	90.0	145.0	20.0	○○

日標銑刀柄平底3D短刃型錫鋼鑽頭 (PA/PG 規格間距0.05mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 HD備庫(○) MC備庫(●)
FS-PA/PG	155-160	1.55-1.60	5.0	50.0	3.0	○○
	165-180	1.65-1.80	6.0	50.0	3.0	○○
	185-195	1.85-1.95	7.0	50.0	3.0	○○
	200-230	2.00-2.30	8.0	50.0	4.0	○○
	235-260	2.35-2.60	9.0	50.0	4.0	○○
	265-300	2.65-3.00	10.0	50.0	4.0	○○

備註: 1.LLH/LLN列適用於: A. 有色金屬、非金屬材料。
 B. ≤HRC55°材料: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。
 C. 不銹鋼、鈦合金、高溫合金、鍍基合金等 塗層: 煙灰色。
 2.未備庫存之規格可以接單定製。塗層: 煙灰色

備註: 1.A系列適用於有色金屬、非金屬材料。
 2.G系列適用於加工HRC60°材: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。
 3.未備庫存之規格可以接單定製。

歐標銑刀柄標準型鎢鋼鑽頭-3D (SUSB 不銹鋼專用,規格間距0.1mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD庫存(○) MC庫存(◎)
FS-SUSB	300-370	3.0-3.7	20.0	62.0	4.0	◎
	380-400	3.8-4.0	24.0	66.0	4.0	◎
	410-600	4.1-6.0	24.0	66.0	6.0	◎
	610-800	6.1-8.0	34.0	79.0	8.0	◎
	810-1000	8.1-10.0	47.0	89.0	10.0	◎
	1010-1200	10.1-12.0	55.0	102.0	12.0	◎
	1210-1400	12.1-14.0	60.0	107.0	14.0	◎
	1410-1600	14.1-16.0	65.0	115.0	16.0	
	1610-1800	16.1-18.0	73.0	123.0	18.0	
	1810-2000	18.1-20.0	79.0	131.0	20.0	
	2010-2200	20.1-22.0	79.0	131.0	22.0	
	2210-2400	22.1-24.0	96.0	153.0	24.0	
	2410-2500	24.1-25.0	96.0	153.0	25.0	

歐標銑刀柄內冷標準型鎢鋼鑽頭-3D (SA/SG 規格間距0.1mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD庫存(○) MC庫存(◎)
FSC-SUSH	300-370	3.0-3.7	20.0	62.0	4.0	◎
	380-400	3.8-4.0	24.0	66.0	4.0	◎
	410-600	4.1-6.0	24.0	66.0	6.0	◎
	610-800	6.1-8.0	34.0	79.0	8.0	◎
	810-1000	8.1-10.0	47.0	89.0	10.0	◎
	1010-1200	10.1-12.0	55.0	102.0	12.0	◎
	1210-1400	12.1-14.0	60.0	107.0	14.0	◎
	1410-1600	14.1-16.0	65.0	115.0	16.0	
	1610-1800	16.1-18.0	73.0	123.0	18.0	
	1810-2000	18.1-20.0	79.0	131.0	20.0	
	2010-2200	20.1-22.0	79.0	131.0	22.0	
	2210-2400	22.1-24.0	96.0	153.0	24.0	
	2410-2500	24.1-25.0	96.0	153.0	25.0	

歐標銑刀柄標準型鎢鋼鑽頭-3D (BA/BG 規格間距0.1mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD庫存(○) MC庫存(◎)
FS-BA/BG	300-370	3.0-3.7	20.0	62.0	4.0	◎
	380-400	3.8-4.0	24.0	66.0	4.0	◎
	410-600	4.1-6.0	24.0	66.0	6.0	◎
	610-800	6.1-8.0	34.0	79.0	8.0	◎
	810-1000	8.1-10.0	47.0	89.0	10.0	◎
	1010-1200	10.1-12.0	55.0	102.0	12.0	◎
	1210-1400	12.1-14.0	60.0	107.0	14.0	◎
	1410-1600	14.1-16.0	65.0	115.0	16.0	◎
	1610-1800	16.1-18.0	73.0	123.0	18.0	
	1810-2000	18.1-20.0	79.0	131.0	20.0	
	2010-2200	20.1-22.0	79.0	131.0	22.0	
	2210-2400	22.1-24.0	96.0	153.0	24.0	
	2410-2500	24.1-25.0	96.0	153.0	25.0	

歐標銑刀柄內冷標準型鎢鋼鑽頭-3D (SA/SG 規格間距0.1mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD庫存(○) MC庫存(◎)
FSC-SA/SG	300-370	20.0	20.0	62.0	4.0	◎
	380-400	24.0	24.0	66.0	4.0	◎
	410-600	24.0	24.0	66.0	6.0	◎
	610-800	34.0	34.0	79.0	8.0	◎
	810-1000	47.0	47.0	89.0	10.0	◎
	1010-1200	55.0	55.0	102.0	12.0	◎
	1210-1400	60.0	60.0	107.0	14.0	◎
	1410-1600	65.0	65.0	115.0	16.0	
	1610-1800	73.0	73.0	123.0	18.0	
	1810-2000	79.0	79.0	131.0	20.0	
	2010-2200	79.0	79.0	131.0	22.0	
	2210-2400	96.0	96.0	153.0	24.0	
	2410-2500	96.0	96.0	153.0	25.0	

歐標銑刀柄標準型鎢鋼鑽頭-5D (SUSL 不銹鋼專用,規格間距0.1mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD庫存(○) MC庫存(◎)
FS-SUSL	300-370	3.0-3.7	28.0	66.0	4.0	◎
	380-400	3.8-4.0	36.0	74.0	4.0	◎
	410-470	4.1-4.7	36.0	74.0	6.0	◎
	480-600	4.8-6.0	44.0	82.0	6.0	◎
	610-800	6.1-8.0	53.0	91.0	8.0	◎
	810-1000	8.1-10.0	61.0	103.0	10.0	◎
	1010-1200	10.1-12.0	71.0	118.0	12.0	◎
	1210-1400	12.1-14.0	77.0	124.0	14.0	◎
	1410-1600	14.1-16.0	83.0	133.0	16.0	
	1610-1800	16.1-18.0	101.0	153.0	18.0	
	1810-2000	18.1-20.0	101.0	153.0	20.0	
	2010-2200	20.1-22.0	135.0	200.0	22.0	
	2210-2400	22.1-24.0	140.0	200.0	24.0	
2410-2500	24.1-25.0	140.0	200.0	25.0		

歐標銑刀柄內冷標準型鎢鋼鑽頭-5D (SUSM 不銹鋼專用,規格間距0.1mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD庫存(○) MC庫存(◎)
FSC-SUSM	300-370	3.0-3.7	28.0	66.0	4.0	◎
	380-400	3.8-4.0	36.0	74.0	4.0	◎
	410-470	4.1-4.7	36.0	74.0	6.0	◎
	480-600	4.8-6.0	44.0	82.0	6.0	◎
	610-800	6.1-8.0	53.0	91.0	8.0	◎
	810-1000	8.1-10.0	61.0	103.0	10.0	◎
	1010-1200	10.1-12.0	71.0	118.0	12.0	◎
	1210-1400	12.1-14.0	77.0	124.0	14.0	◎
	1410-1600	14.1-16.0	83.0	133.0	16.0	
	1610-1800	16.1-18.0	101.0	153.0	18.0	
	1810-2000	18.1-20.0	101.0	153.0	20.0	
	2010-2200	20.1-22.0	135.0	200.0	22.0	
	2210-2400	22.1-24.0	140.0	200.0	24.0	
2410-2500	24.1-25.0	140.0	200.0	25.0		

歐標銑刀柄標準型鎢鋼鑽頭-5D (LA/LG 規格間距0.1mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD庫存(○) MC庫存(◎)
FS-BA/BG	300-370	3.0-3.7	20.0	62.0	4.0	◎
	380-400	3.8-4.0	24.0	66.0	4.0	◎
	410-600	4.1-6.0	24.0	66.0	6.0	◎
	610-800	6.1-8.0	34.0	79.0	8.0	◎
	810-1000	8.1-10.0	47.0	89.0	10.0	◎
	1010-1200	10.1-12.0	55.0	102.0	12.0	◎
	1210-1400	12.1-14.0	60.0	107.0	14.0	◎
	1410-1600	14.1-16.0	65.0	115.0	16.0	◎
	1610-1800	16.1-18.0	73.0	123.0	18.0	
	1810-2000	18.1-20.0	79.0	131.0	20.0	
	2010-2200	20.1-22.0	79.0	131.0	22.0	
	2210-2400	22.1-24.0	96.0	153.0	24.0	
	2410-2500	24.1-25.0	96.0	153.0	25.0	

歐標銑刀柄內冷標準型鎢鋼鑽頭-5D (XA/XG 規格間距0.1mm)

訂貨編號 Order NO.	規格編號 Specification number	直徑D1 Diameter	溝長L2 Channel length	全長L1 Full length	柄徑D Shank diameter	備庫狀況 MD庫存(○) MC庫存(◎)
FSC-SA/SG	300-370	20.0	20.0	62.0	4.0	◎
	380-400	24.0	24.0	66.0	4.0	◎
	410-600	24.0	24.0	66.0	6.0	◎
	610-800	34.0	34.0	79.0	8.0	◎
	810-1000	47.0	47.0	89.0	10.0	◎
	1010-1200	55.0	55.0	102.0	12.0	◎
	1210-1400	60.0	60.0	107.0	14.0	◎
	1410-1600	65.0	65.0	115.0	16.0	
	1610-1800	73.0	73.0	123.0	18.0	
	1810-2000	79.0	79.0	131.0	20.0	
	2010-2200	79.0	79.0	131.0	22.0	
	2210-2400	96.0	96.0	153.0	24.0	
	2410-2500	96.0	96.0	153.0	25.0	

備註: 1.SUS未塗層系列適用於有色金屬。
2.SUS塗層系列專用於不銹鋼、鈦合金、鍍基合金、高溫合金。
3、未備庫存之規格可以接單定製。

備註: 1.A系列適用於有色金屬、非金屬材料。
2.G系列適用於加工HRC60°材: 一般鋼件、軸承鋼、鑄鐵、合金鋼、調質鋼、碳鋼等。
3、未備庫存之規格可以接單定製。

產品參數

材料类别	切削材料硬度(HRC°)	线速度vc	进给 F	转速 S	Q 值	对应产品系列型号			
						欧标系列(○适用)	刃径区间	国标系列(○适用)	刃径区间
						国标系列(◎可用)		欧标系列(◎可用)	
热处理钢 合金钢 轴承钢 碳钢 铸铁类	≥HRC58°	Vc=30m/min	F=60-100	S=Vc*1000/D/3.14	2.0-3.0	○	D≥3		
	≥HRC50°	Vc=35m/min	F=80-140						
	≥HRC30°	Vc=50m/min	F=150-300		1-1.5	◎◎		D0.2-D3.0	
					2.0-3.0	◎◎		D3.01-D4.0	
					3.0-5.0	◎◎		D4.01-D6.0	
					5.0-10	◎◎		D6.05-D10.0	
各类不锈钢	不锈钢	Vc=40m/min	F=100-250	3.0-5.0	○	D≥3	◎◎	D0.2-D3.0	
				0.5-2		D≤2.99	○		
有色金属	铝合金	Vc=100-150m/min	F=400-800						
非金属类	塑料、电木、亚克力等	Vc=150-200m/min	F=550-800						

備注：上述建議使用，用戶可根據設備、材料加工條件等做適當調整。

公制粗螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	2級螺牙鑽孔徑	
		最大	最小
M1.0X0.25	0.75	0.785	0.729
M1.1X0.25	0.85	0.885	0.829
M1.2X0.25	0.95	0.985	0.929
M1.4X0.3	1.10	1.142	1.075
M1.6X0.35	1.25	1.321	1.221
M1.7X0.35	1.35	1.421	1.321
M1.8X0.35	1.45	1.521	1.421
M2.0X0.4	1.60	1.679	1.567
M2.2X0.45	1.75	1.838	1.713
M2.3X0.4	1.90	1.979	1.867
M2.5X0.45	2.10	2.138	2.013
M2.6X0.45	2.20	2.238	2.113
M3.0X0.5	2.50	2.599	2.459
M3.5X0.6	2.40	2.440	2.280
M4.0X0.7	3.30	3.010	2.850
M4.0X0.75	3.25	3.422	3.242
M4.5X0.75	3.80	3.326	3.106

公制粗螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	2級螺牙鑽孔徑	
		最大	最小
M5.0X0.8	4.20	4.334	4.134
M5.0X0.9	4.10	4.170	3.930
M6.0X1.0	5.00	5.153	4.917
M7.0X1.0	6.00	6.453	5.917
M8.0X1.25	6.80	6.912	6.447
M9.0X1.25	7.80	7.912	7.647
M10 X1.5	8.50	8.676	8.736
M11 X1.5	9.50	9.676	9.736
M12 X1.75	10.30	10.441	10.106
M14 X2.0	12.00	12.210	11.835
M16 X2.0	14.00	14.210	13.835
M18 X2.5	15.50	15.744	15.294
M20 X2.5	17.50	17.744	17.294
M22 X2.5	19.50	19.744	19.294
M24 X3.0	21.00	21.252	20.752
M27 X3.0	24.00	24.252	23.752
M30 X3.5	26.50	26.771	26.211

公制細螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	2級螺牙鑽孔徑	
		最大	最小
M1.0X0.2	0.80	0.821	0.783
M1.1X0.2	0.90	0.921	0.883
M1.2X0.2	1.00	1.021	0.983
M1.4X0.2	1.20	1.221	1.183
M1.6X0.2	1.40	1.421	1.383
M1.7X0.2	1.45	1.500	1.460
M1.8X0.2	1.60	1.621	1.530
M2.0X0.25	1.75	1.785	1.729
M2.2X0.25	1.95	1.985	1.929
M2.3X0.25	2.05	2.061	2.001
M2.5X0.35	2.20	2.221	2.121
M2.6X0.35	2.20	2.246	2.186
M3.0X0.35	2.70	2.721	2.621
M3.5X0.35	3.20	3.221	3.121
M4.0X0.5	3.50	3.599	3.459
M4.5X0.5	4.00	4.099	3.959
M5.0X0.5	4.50	4.599	4.459
M5.5X0.5	5.00	5.099	4.959
M6.0X0.75	5.30	5.378	5.188
M6.0X0.5	5.50	5.550	5.400
M7.0X0.75	6.30	6.378	6.188
M7.0X0.5	6.50	6.550	6.400
M8.0X1.0	7.00	7.153	6.917
M8.0X0.75	7.30	7.378	7.188
M8.0X0.5	7.50	7.520	7.400
M9.0X1.0	8.00	8.153	7.917
M9.0X0.75	8.30	8.378	8.188
M10 X1.25	8.80	8.912	8.467
M10 X1.0	9.00	9.153	8.917
M10 X0.75	9.30	9.378	9.188
M10 X0.5	9.50	9.520	9.400
M11 X1.0	10.00	10.153	9.917
M11 X0.75	10.30	10.378	10.188
M12 X1.5	10.50	10.676	10.376
M12 X1.25	10.80	10.912	10.647
M12 X1.0	11.00	11.153	10.917
M12 X0.5	11.50	11.520	11.400
M14 X1.5	12.50	12.676	12.376
M14 X1.0	13.00	13.153	12.917
M15 X1.5	13.50	13.676	13.376

公制細螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	2級螺牙鑽孔徑	
		最大	最小
M15 X1.0	14.00	14.153	13.917
M16 X1.5	14.50	14.676	14.376
M16 X1.0	15.00	15.153	14.917
M17 X1.5	15.50	15.676	15.376
M17 X1.0	16.00	16.153	15.917
M18 X2.0	16.00	16.210	15.835
M18 X1.5	16.50	16.676	16.376
M18 X1.0	17.00	17.153	16.917
M20 X2.0	18.00	18.210	17.835
M20 X1.5	18.50	18.676	18.376
M20 X1.0	19.00	19.153	18.917
M22 X2.0	20.00	20.210	19.835
M22 X1.5	20.50	20.676	20.376
M22 X1.0	21.00	21.153	20.917
M24 X2.0	22.00	22.210	21.835
M24 X1.5	22.50	22.676	22.376
M24 X1.0	23.00	23.153	22.917
M25 X2.0	23.00	23.210	22.835
M25 X1.5	23.50	23.676	23.376
M25 X1.0	24.00	24.153	23.917
M26 X1.5	24.50	24.676	24.376
M27 X2.0	25.00	25.210	24.835
M27 X1.5	25.50	25.676	25.376
M27 X1.0	26.00	26.153	25.917
M28 X2.0	26.00	26.210	25.835
M28 X1.5	26.50	26.676	26.376
M28 X1.0	27.00	27.153	26.917
M30 X3.0	27.00	27.252	26.752
M30 X2.0	28.00	28.210	27.835
M30 X1.5	28.50	28.676	28.376
M30 X1.0	29.00	29.153	28.917
M32 X2.0	30.00	30.210	29.835
M32 X1.5	30.50	30.676	30.376
M33 X3.0	30.00	30.252	29.752
M33 X2.0	31.00	31.210	30.835
M33 X1.5	31.50	31.676	31.376
M35 X1.5	33.50	33.676	33.376
M36 X3.0	33.00	33.252	32.752
M36 X2.0	34.00	34.210	33.835
M36 X1.5	34.50	34.676	34.376

螺紋攻牙-鑽頭下孔徑對照表

Comparison Table Of Thread Tapping And Drill Hole Diameter

螺紋攻牙-鑽頭下孔徑對照表

Comparison Table Of Thread Tapping And Drill Hole Diameter

公制細螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	2級螺牙鑽孔徑	
		最大	最小
NO.0-80(1.524)	1.25	1.305	1.182
NO.1-72(1.854)	1.55	1.612	1.474
NO.2-64(2.184)	1.85	1.912	1.756
NO.3-56(2.515)	2.10	2.197	2.025
NO.4-48(2.845)	2.40	2.458	2.271
NO.5-44(3.175)	2.70	2.740	2.551
NO.6-40(3.505)	2.90	3.022	2.820
NO.8-36(4.616)	3.50	3.606	3.404
NO.10-32(4.826)	4.10	4.165	3.963
NO.12-28(5.846)	4.60	4.724	4.496
1/4-28	5.50	5.588	5.360
5/16-24	6.90	7.035	6.782
3/8-24	8.50	8.636	8.382
7/16-20	9.90	10.033	9.729
1/2-20	11.50	11.607	11.329
9/16-18	12.90	13.081	12.751
5/8-18	14.50	14.681	14.351
3/4-16	17.50	17.678	17.323
7/8-14	20.50	20.675	20.270
1-12	23.20	23.571	23.114
1-1/8-12	26.50	26.746	26.289
1-1/4-12	29.50	29.921	29.464
1-3/8-12	32.80	33.096	32.639
1-1/2-12	36.00	36.271	35.814

公制擠壓絲攻鑽孔徑

螺紋規格 Thread Size	精度等級		
	G4-G6	G7-G8	G9
M1.0X0.25	0.86	0.88	
M1.1X0.25	0.96	0.98	
M1.2X0.25	1.06	1.08	
M1.4X0.3	1.24	1.25	
M1.6X0.35	1.41	1.43	
M1.7X0.35	1.51	1.53	
M1.8X0.35	1.61	1.63	
M2.0X0.4	1.78	1.80	
M2.2X0.45	1.95	1.98	
M2.3X0.4	2.08	2.10	
M2.5X0.45	2.25	2.28	
M2.6X0.45	2.35	2.38	
M3.0X0.5	2.73	2.75	
M3.5X0.6	3.17	3.20	
M4.0X0.7	3.62	3.65	3.69
M5.0X0.8	4.56	4.60	4.64
M6.0X1.0	5.45	5.50	5.55
M7.0X1.0	6.45	6.50	6.55
M8.0X1.25	7.31	7.38	7.44
M10 X1.5	9.18	9.25	9.32
M10 X1.25	9.31	9.38	9.44
M12 X1.75	11.04	11.12	11.21
M12 X1.25	11.31	11.38	11.44

公制細螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	2級螺牙鑽孔徑	
		最大	最小
NO.12-32	4.70	4.826	4.623
1/4-32	5.60	5.690	5.486
5/16-32	7.10	7.264	7.087
3/8-32	8.70	8.865	8.661
7/16-28	10.20	10.338	10.135
1/2-28	11.80	11.938	11.709
9/16-24	13.20	13.386	13.132
5/8-24	14.80	14.986	14.732
3/4-20	17.80	17.958	17.678
7/8-20	21.00	21.133	20.853
1-20	24.00	24.308	24.028

英制管螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	鑽孔徑	
		最大	最小
PS 1/16-28	6.50	6.632	6.490
PS 1/8-28	8.50	8.637	8.495
PS 1/4-19	11.40	11.549	11.341
PS 3/8-19	15.00	15.054	14.836
PS 1/2-14	18.50	18.773	18.489
PS 3/4-14	24.00	24.259	23.975
PS1-11	30.20	30.471	30.111
PS 1-1/4-11	38.80	39.132	38.772
PS 1-1/2-11	44.80	45.025	44.665
PS 2-11	56.50	56.836	56.476

美制粗螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	2級螺牙鑽孔徑	
		最大	最小
NO.1-64(1.854)	1.55	1.582	1.425
NO.2-56(2.184)	1.80	1.871	1.695
NO.3-48(2.515)	2.10	2.146	1.941
NO.4-40(2.845)	2.30	2.385	2.157
NO.5-40(3.175)	2.60	2.697	2.487
NO.6-32(3.505)	2.80	2.895	2.642
NO.8-32(4.616)	3.40	3.530	3.302
NO.10-24(4.826)	3.90	3.962	3.683
NO.12-24(5.846)	4.50	4.597	4.344
1/4-20	5.10	5.257	4.979
5/16-18	6.60	6.731	6.401
3/8-16	8.00	8.153	7.798
7/16-14	9.40	9.550	9.144
1/2-13	10.80	11.023	10.592
9/16-12	12.20	12.466	11.989
5/8-11	13.60	12.868	13.386
3/4-10	16.50	18.840	16.307
7/8-9	19.50	19.761	19.177
1-8	22.20	22.606	21.971
1-1/8-7	25.00	25.349	24.683
1-1/4-7	28.20	28.524	27.813
1-3/8-6	30.80	31.115	30.353
1-1/2-6	34.00	34.290	33.528
1-3/4-5	39.50	39.827	38.964
2-4-1/2	45.20	45.590	44.679

美制擠壓絲攻鑽孔徑

螺紋規格 Thread Size	精度等級		
	G4-G6	G7-G8	G9
NO.2-56UNC	1.94		
NO.3-48	2.23		
NO.4-40	2.50		
NO.5-40	2.83		
NO.6-32	3.07		
NO.8-32	3.73	3.77	
NO.10-24	4.24	4.30	
NO.102-24	4.90	4.96	
1/4-20		5.72	
5/16-18		7.24	
3/8-16		8.74	8.81
7/16-14		10.20	10.30
1/2-13		11.27	11.82
NO.2-64UNF	1.97		
NO.3-56	2.27		
NO.4-48	2.56		
NO.5-44	2.86		
NO.6-40	3.16		
NO.8-36	3.78		
NO.10-32	4.39	4.43	
NO.12-28	4.99	5.04	
1/4-28	5.85	5.90	
5/16-24	7.36	7.41	
3/8-24		9.00	
7/16-20		10.48	10.54
1/2-20		12.07	12.13
1/2-13		11.27	11.82
NO.2-64UNF	1.97		
NO.3-56	2.27		
NO.4-48	2.56		
NO.5-44	2.86		
NO.6-40	3.16		
NO.8-36	3.78		
NO.10-32	4.39	4.43	
NO.12-28	4.99	5.04	
1/4-28	5.85	5.90	
5/16-24	7.36	7.41	
3/8-24		9.00	
7/16-20		10.48	10.54
1/2-20		12.07	12.13
1/2-13		11.27	11.82

英制電器螺紋

螺紋規格 Thread Size	鑽孔徑 Drill hole diameter
2BA	4.0-4.2
3BA	3.4-3.6
4BA	3.0-3.2
5BA	2.7-2.8
6BA	2.4-2.5

英制電器螺紋

螺紋規格 Thread Size	鑽頭標準刃徑		有效牙長度(最小) 中之母牙內徑	標準長度(最小) 中之母牙內徑
	鉸孔	未鉸孔		
PT1/16-28	6.10	6.200	6.244	6.384
PT1/8-28	8.10	8.200	8.429	8.388
PT1/4-19	10.70	11.000	10.962	11.174
PT3/8-19	14.20	14.500	14.448	14.658
PT1/2-14	17.60	18.000	17.979	18.263
PT3/4-14	23.00	23.500	23.378	23.663
PT1-11	29.00	29.500	29.459	29.822
PT1-1/4-11	37.50	38.000	37.976	38.339
PT1-1/2-11	43.40	44.000	43.869	44.232
PT2-11	54.90	55.000	55.412	55.844

美制管螺紋

螺紋規格 Thread Size	鑽孔徑		
	NPT		NPS
	鉸孔	未鉸孔	
1/16-27	6.10	6.25	6.35
1/8-27	8.33	8.43	8.74
1/4-18	10.72	11.13	11.13
3/8-18	14.27	14.27	14.68
1/2-14	17.48	17.86	18.26
3/4-14	22.63	23.01	23.42
1-11-1/2	28.58	28.98	29.36
1-1/4-11-1/2	37.31	37.69	38.10
1-1/2-11-1/2	43.66	44.04	44.45
2-11-1/2	55.58	55.96	56.36

英制螺紋

螺紋規格 Thread Size	鑽頭標準刃徑	
	硬性材料	軟性材料
W1/8-40	2.65	2.60
W5/32-32	3.25	3.20
W3/16-24	3.75	3.70
W1/4-20	5.10	5.00
W5/16-18	6.60	6.50
W3/8-16	8.00	7.90
W7/16-14	9.40	9.30
W1/2-12	10.70	10.50
W9/16-12	12.30	12.00
W5/8-11	13.70	13.50
W3/4-10	16.70	16.50
W7/8-9	19.50	19.30
W1-8	22.40	22.00
W1-1/8-7	25.00	24.80
W1-1/4-7	28.30	28.00

◎ 說明：本表所有標註數據僅供使用參考，據加工實況、設備性能及材料特性予以調整。若有不當之處請予以修正。

◎ Note: all the marked data in this table are for reference only, and are adjusted according to the actual processing situation, equipment performance and material characteristics. If there is any mistake, please correct it.