General Purpose Jobber Drills

List No. 705 - Steam Oxide Treated

Straight Shank / 118° Point / HSS





List No. 405* - Bright Finish

Straight Shank / 118° Point / HSS



Description: Designed for general purpose drilling. Series 705 drills are surface treated with black oxide finish for abrasion resistance and improved coolant adherence.

Series 405 are often used in drilling non-ferrous materials such as aluminum, magnesium, brass and bronze.

Application: General purpose drill, used in all types of materials. Low carbon steels, alloyed steels, steel drop forgings and armor plate.

EDP No./ Diameter	Decimal Equivalent	Flute Length	Overall Length
705-80	.0135	1/8	3/4
705-79	.0145	1/8	3/4
705-1/64	.0156	3/16	3/4
705-78	.0160	3/16	7/8
705-77	.0180	3/16	7/8
705-76	.0200	3/16	7/8
705-75	.0210	1/4	1
705-74	.0225	1/4	1
705-73	.0240	5/16	1-1/8
705-72	.0250	5/16	1-1/8
705-71	.0260	3/8	1-1/4
705-70	.0280	3/8	1-1/4
705-69	.0292	1/2	1-3/8
705-68	.0310	1/2	1-3/8
705-1/32	.0312	1/2	1-3/8
705-67	.0320	1/2	1-3/8
705-66	.0330	1/2	1-3/8
705-65	.0350	5/8	1-1/2
705-64	.0360	5/8	1-1/2
705-63	.0370	5/8	1-1/2
705-62	.0380	5/8	1-1/2
705-61	.0390	11/16	1-5/8
705-60	.0400	11/16	1-5/8
705-59	.0410	11/16	1-5/8
705-58	.0420	11/16	1-5/8
705-57	.0430	3/4	1-3/4
705-56	.0465	3/4	1-3/4
705-3/64	.0469	3/4	1-3/4
705-55	.0520	7/8	1-7/8
705-54	.0550	7/8	1-7/8
705-53	.0595	7/8	1-7/8
705-1/16	.0625	7/8	1-7/8
705-52	.0635	7/8	1-7/8
705-51	.0670	1	2
705-50	.0700	1	2
705-49	.0730	1	2
705-48	.0760	1	2
705-5/64	.0781	1	2
705-47	.0785	1	2
705-46	.0810	1-1/8	2-1/8
705-45	.0820	1-1/8	2-1/8

EDP No./ Diameter	Decimal Equivalent	Flute Length	Overall Length
705-44	.0860	1-1/8	2-1/8
705-43	.0890	1-1/4	2-1/4
705-42	.0935	1-1/4	2-1/4
705-3/32	.0938	1-1/4	2-1/4
705-41	.0960	1-3/8	2-3/8
705-40	.0980	1-3/8	2-3/8
705-39	.0995	1-3/8	2-3/8
705-38	.1015	1-7/16	2-1/2
705-37	.1040	1-7/16	2-1/2
705-36	.1065	1-7/16	2-1/2
705-7/64	.1094	1-1/2	2-5/8
705-35	.1100	1-1/2	2-5/8
705-34	.1110	1-1/2	2-5/8
705-33	.1130	1-1/2	2-5/8
705-32	.1160	1-5/8	2-3/4
705-31	.1200	1-5/8	2-3/4
705-1/8	.1250	1-5/8	2-3/4
705-30	.1285	1-5/8	2-3/4
705-29	.1360	1-3/4	2-7/8
705-28	.1405	1-3/4	2-7/8
705-9/64	.1406	1-3/4	2-7/8
705-27	.1440	1-7/8	3
705-26	.1470	1-7/8	3
705-25	.1495	1-7/8	3
705-24	.1520	2	3-1/8
705-23	.1540	2	3-1/8
705-5/32	.1562	2	3-1/8
705-22	.1570	2	3-1/8
705-21	.1590	2-1/8	3-1/4
705-20	.1610	2-1/8	3-1/4
705-19	.1660	2-1/8	3-1/4
705-18	.1695	2-1/8	3-1/4
705-11/64	.1719	2-1/8	3-1/4
705-17	.1730	2-3/16	3-3/8
705-16	.1770	2-3/16	3-3/8
705-15	.1800	2-3/16	3-3/8
705-14	.1820	2-3/16	3-3/8
705-13	.1850	2-5/16	3-1/2
705-3/16	.1875	2-5/16	3-1/2
705-12	.1890	2-5/16	3-1/2
705-11	.1910	2-5/16	3-1/2

*Please specify 405 (bright finish) when ordering.

List No. 705 continued



List No. 405* continued



EDP No./ Diameter	Decimal Equivalent	Flute Length	Overall Length
705-10	.1935	2-7/16	3-5/8
705-9	.1960	2-7/16	3-5/8
705-8	.1990	2-7/16	3-5/8
705-7	.2010	2-7/16	3-5/8
705-13/64	.2031	2-7/16	3-5/8
705-6	.2040	2-1/2	3-3/4
705-5	.2055	2-1/2	3-3/4
705-4	.2090	2-1/2	3-3/4
705-3	.2130	2-1/2	3-3/4
705-7/32	.2188	2-1/2	3-3/4
705-2	.2210	2-5/8	3-7/8
705-1	.2280	2-5/8	3-7/8
705-A	.2340	2-5/8	3-7/8
705-15/64	.2344	2-5/8	3-7/8
705-B	.2380	2-3/4	4
705-C	.2420	2-3/4	4
705-D	.2460	2-3/4	4
705-1/4/E	.2500	2-3/4	4
705-F	.2570	2-7/8	4-1/8
705-G	.2610	2-7/8	4-1/8
705-17/64	.2656	2-7/8	4-1/8
705-H	.2660	2-7/8	4-1/8
705-I	.2720	2-7/8	4-1/8
705-J	.2770	2-7/8	4-1/8
705-K	.2810	2-15/16	4-1/4
705-9/32	.2812	2-15/16	4-1/4
705-L	.2900	2-15/16	4-1/4
705-M	.2950	3-1/16	4-3/8
705-19/64	.2969	3-1/16	4-3/8
705-N	.3020	3-1/16	4-3/8
705-5/16	.3125	3-3/16	4-1/2
705-O	.3160	3-3/16	4-1/2
705-P	.3230	3-5/16	4-5/8
705-21/64	.3281	3-5/16	4-5/8
705-Q	.3320	3-7/16	4-3/4
705-R	.3390	3-7/16	4-3/4
705-11/32	.3438	3-7/16	4-3/4
705-S	.3480	3-1/2	4-7/8
705-T	.3580	3-1/2	4-7/8
705-23/64	.3594	3-1/2	4-7/8
705-U	.3680	3-5/8	5
705-3/8	.3750	3-5/8	5

*Please specify 405 (bright finish) when ordering.

EDP No./ Diameter	Decimal Equivalent	Flute Length	Overall Length
705-V	.3770	3-5/8	5
705-W	.3860	3-3/4	5-1/8
705-25/64	.3906	3-3/4	5-1/8
705-X	.3970	3-3/4	5-1/8
705-Y	.4040	3-7/8	5-1/4
705-13/32	.4062	3-7/8	5-1/4
705-Z	.4130	3-7/8	5-1/4
705-27/64	.4219	3-15/16	5-3/8
705-7/16	.4375	4-1/16	5-1/2
705-29/64	.4531	4-3/16	5-5/8
705-15/32	.4688	4-5/16	5-3/4
705-31/64	.4844	4-3/8	5-7/8
705-1/2	.5000	4-1/2	6
705-33/64**	.5156	4-13/16	6-5/8
705-17/32**	.5312	4-13/16	6-5/8
705-35/64**	.5469	4-13/16	6-5/8
705-9/16**	.5625	4-13/16	6-5/8
705-37/64**	.5781	4-13/16	6-5/8
705-19/32**	.5938	5-3/16	7-1/8
705-39/64**	.6094	5-3/16	7-1/8
705-5/8**	.6250	5-3/16	7-1/8
705-41/64**	.6406	5-3/16	7-1/8
705-21/32**	.6562	5-3/16	7-1/8
705-43/64**	.6719	5-5/8	7-5/8
705-11/16**	.6875	5-5/8	7-5/8

Will ***not* fit 1/2" capacity chucks.
**Available in surface treated black finish only (#705).

