

SHARS Silver & Deming Drills 1/2" Shank

ANSI Standard 6" OAL Milled flute

**USA
Made**

Import



Drill Material	Application	Drill Point	Finish	Brand	Part #
High Speed Steel	General Purpose	118°	Black Oxide	Economy	404-23091
			Black & White	USA Made	415-9244
High Speed Steel	Heavy Duty	118° Split Point-3 Flats	Black & White	USA Made	415-9288
			Black & Gold	USA Made	415-9352
Cobalt M42	Heavy Duty	135° Split Point	Straw Finish	USA Made	415-9320



HIGH SPEED STEEL 1/2" ROUND SHANK - 118° POTNT



M42 COBALT - STRAW FINISH 1/2" ROUND SHANK - 118° SPLIT POTNT



HIGH SPEED STEEL 1/2" SHANK-3 FLATS - 118° POTNT



HSS - BLACK & GOLD 1/2" SHANK - 3 FLATS - 118° SPLIT POTNT

SIZE	LOC	Economy			USA Made							
		Order No.	Hss(F)	Cobalt M35 (D)	ROUND SHANK		SHANK - 3 FLATS		HSS B&G		Cobalt M42	
					HSS	Price	HSS	Price	HSS B&G	Price	Cobalt M42	Price
33/64"	3-1/8"	404-23091	\$3.60		415-9244	\$11.54	415-9288	\$12.59	415-9352	\$14.74	415-9320	\$23.65
17/32	3-1/8"	404-2310	3.00	\$6.75	415-9245	11.54	415-9289	12.59	415-9353	14.74	415-9321	16.73
35/64	3-1/8"	404-23101	3.00		415-9246	12.18	415-9290	13.37	415-9354	15.60	415-9322	28.45
9/16	3-1/8"	404-2311	3.60	7.25	415-9247	12.18	415-9291	13.37	415-9355	15.02	415-9323	17.33
37/64	3-1/8"	404-23111	3.60		415-9248	13.08	415-9292	14.36	415-9356	16.56	415-9324	30.17
19/32	3-1/8"	404-2312	3.00	7.26	415-9249	13.08	415-9293	14.36	415-9357	16.56	415-9325	22.01
39/64	3-1/8"	404-23121	3.00		415-9250	13.75	415-9294	15.04	415-9358	17.22	415-9326	30.17
5/8	3-1/8"	404-2313	3.90	9.29	415-9251	13.75	415-9295	15.04	415-9359	16.58	415-9327	18.20
41/64	3-1/8"	404-23131	3.90		415-9252	14.39	415-9296	16.04	415-9360	18.27	415-9328	32.28
21/32	3-1/8"	404-2314	4.20	20.35	415-9253	14.39	415-9297	16.04	415-9361	17.58	415-9329	20.12
43/64	3-1/8"	404-23141	3.90		415-9254	15.30	415-9298	16.67	415-9362	19.05	415-9330	32.28
11/16	3-1/8"	404-2315	4.20	11.55	415-9255	15.30	415-9299	16.67	415-9363	18.35	415-9331	21.18
45/64	3-1/8"	404-23151	3.90		415-9256	15.37	415-9300	16.90	415-9364	19.85	415-9332	34.06
23/32	3-1/8"	404-2316	4.70	12.95	415-9257	15.37	415-9301	16.90	415-9365	19.47	415-9333	28.45
47/64	3-1/8"	404-23161	3.90		415-9258	16.77	415-9302	18.41	415-9366	20.71	415-9334	35.53
3/4	3-1/8"	404-2317	4.80	12.95	415-9259	16.81	415-9303	18.41	415-9367	19.92	415-9335	19.59
49/64	3-1/8"	404-23171	3.90		415-9260	17.84	415-9304	19.64	415-9368	21.87	415-9336	37.17
25/32	3-1/8"	404-2318	5.60	14.20	415-9261	17.84	415-9305	19.64	415-9369	21.25	415-9337	26.19
51/64	3-1/8"	404-23181	5.90		415-9262	18.75	415-9306	24.53	415-9370	23.25	415-9338	38.16
13/16	3-1/8"	404-2319	5.60	15.50	415-9263	18.75	415-9307	20.64	415-9371	22.37	415-9339	24.70
53/64	3-1/8"	404-23191	5.90		415-9264	19.47	415-9308	25.33	415-9372	24.28	415-9340	41.23
27/32	3-1/8"	404-2320	5.60	16.95	415-9265	19.47	415-9309	21.35	415-9373	23.59	415-9341	32.19
55/64	3-1/8"	404-23201	5.90		415-9266	20.12	415-9310	26.35	415-9374	24.93	415-9342	38.93
7/8	3-1/8"	404-2321	6.60	18.50	415-9267	20.12	415-9311	22.18	415-9375	24.01	415-9343	26.22
57/64	3-1/8"	404-23211	8.00		415-9268	20.94	415-9312	27.51	415-9376	26.03	415-9344	38.16
29/32	3-1/8"	404-2322	6.00	19.00	415-9269	20.94	415-9313	23.16	415-9377	25.54	415-9345	29.89
59/64	3-1/8"	404-23221	9.00		415-9270	22.81	415-9314	29.43	415-9378	27.96	415-9346	36.72
15/16	3-1/8"	404-2323	7.60	21.70	415-9271	22.81	415-9315	24.78	415-9379	27.19	415-9347	31.79
61/64	3-1/8"	404-23231	9.00		415-9272	23.90	415-9316	31.09	415-9380	30.11	415-9348	39.26
31/32	3-1/8"	404-2324	7.60	20.00	415-9273	23.90	415-9317	25.10	415-9381	29.55	415-9349	30.26
63/64	3-1/8"	404-23241	9.00		415-9274	26.64	415-9318	34.65	415-9382	31.64	415-9350	39.26
1	3-1/8"	404-2325	9.00	23.40	415-9275	26.64	415-9319	29.15	415-9383	30.45	415-9351	30.90
1-1/32	3-1/8"	404-2326	9.90		415-9276	35.76						
1-1/16	3-1/8"	404-2327	9.00	25.20	415-9277	35.76						
1-3/32	3-1/8"	404-2328	9.00		415-9278	38.12						
1-1/8	3-1/8"	404-2329	11.90	29.50	415-9279	40.73						
1-5/32	3-1/8"	404-2330	13.90		415-9280	40.73						
1-3/16	3-1/8"	404-2331	12.00	30.75	415-9281	45.08						
1-7/32	3-1/8"	404-2332	15.65		415-9282	49.90						
1-1/4	3-1/8"	404-2333	15.65	34.80	415-9283	49.90						
1-5/16	3-1/8"	404-2335	18.75	37.00	415-9284	52.77						
1-3/8	3-1/8"	404-2337	20.00	42.95	415-9285	60.79						
1-7/16	3-1/8"	404-2339	22.25	46.95	415-9286	66.85						
1-1/2	3-1/8"	404-2341	23.50	56.95	415-9287	73.46						

SHARS HSS & M35 Cobalt Silver & Deming Drills

Import

Shank	Range	Pieces	Order No.	Cobalt(B)	HSS(D)
1/2"	9/16~1x16ths	8	404-3106	\$79.00	\$27.95
1/2"	17/32-1	12	404-3105	108.90	36.00
1/2"	17/32~1x32ths	16	404-3107	157.90	58.00
1/2"	33/64~1.x64ths	32	404-3108	299.95	107.95
1/2"	1-1/16~1-1/2" 16ths	8	404-3109	184.90	92.95
3/4"	1~1-1/2x1/8ths	5	404-3120	127.90	64.95

- ANSI Standard 6" OAL 118 degree milled flute with black finish
- Cobalt drills work best for drilling in tough, high tensile strength materials

