

Metal drill bit D-HSS-Co

Precision ground metal twist drill bit



Drilling in metal

3

Applications

For drilling in tough and hard metals:

- Steel up to 1000 N/mm² alloyed and unalloyed
- Stainless steel
- Heat-treatable and case-hardened steel
- Rolling bearing steel
- Non-ferrous heavy metal

Advantages

- Special steel in combination with the production according to DIN 338, provides a high breaking resistance.
- Cobalt alloy makes the drill bit highly heat-resistant and suitable for tough and hard materials.
- Split point for optimum centering and reduced feed force effort.
- 135° tip angle for quick drilling progress.
- Type N spiral for optimum chip removal.

Certificates



Technical Data


Metal drill bit D-HSS-Co Blister card



D-HSS-Co


Item	Item no.	Drill diameter d ₀ [mm]	Working length [mm]	Total length l [mm]	Packaging	Contents [pcs.]	Sales unit [pcs]
HSS-Co DIN338 1/12/34	530491	1	12	34	Blister card	2	1
HSS-Co DIN338 1,5/18/40	530492	1.5	18	40	Blister card	2	1
HSS-Co DIN338 2/24/49	530493	2	24	49	Blister card	2	1
HSS-Co DIN338 2,5/30/57	530494	2.5	30	57	Blister card	2	1
HSS-Co DIN338 3/33/61	530495	3	33	61	Blister card	2	1
HSS-Co DIN338 3,2/36/65	530496	3.2	36	65	Blister card	2	1
HSS-Co DIN338 3,5/39/70	530497	3.5	39	70	Blister card	2	1
HSS-Co DIN338 4/43/75	530498	4	43	75	Blister card	2	1

Technical Data


Metal drill bit D-HSS-Co Blister card							
							
D-HSS-Co							
Item	Item no.	Drill diameter d_0 [mm]	Working length [mm]	Total length l [mm]	Packaging	Contents [pcs.]	Sales unit [pcs]
HSS-Co DIN338 4,5/47/80	530504	4.5	47	80	Blister card	1	1
HSS-Co DIN338 5/52/86	530505	5	52	86	Blister card	1	1
HSS-Co DIN338 5,5/57/93	530506	5.5	57	93	Blister card	1	1
HSS-Co DIN338 6/57/93	530507	6	57	93	Blister card	1	1
HSS-Co DIN338 6,5/63/101	530508	6.5	63	101	Blister card	1	1
HSS-Co DIN338 7/69/109	530509	7	69	109	Blister card	1	1
HSS-Co DIN338 8/75/117	530511	8	75	117	Blister card	1	1
HSS-Co DIN338 8,5/75/117	530512	8.5	75	117	Blister card	1	1
HSS-Co DIN338 9/81/125	530513	9	81	125	Blister card	1	1
HSS-Co DIN338 10/87/133	530515	10	87	133	Blister card	1	1
HSS-Co DIN338 11/94/142	530517	11	94	142	Blister card	1	1
HSS-Co DIN338 12/101/151	530519	12	101	151	Blister card	1	1
HSS-Co DIN338 13/101/151	530521	13	101	151	Blister card	1	1

3


Technical Data

Metal drill bit D-HSS-Co Pouch							
							
D-HSS-Co							
Item	Item no.	Drill diameter d_0 [mm]	Working length [mm]	Total length l [mm]	Packaging	Contents [pcs.]	Sales unit [pcs]
HSS-Co DIN338 2/24/49	536552	2	24	49	Pouch	2	1
HSS-Co DIN338 3/33/61	536553	3	33	61	Pouch	2	1
HSS-Co DIN338 4/43/75	536554	4	43	75	Pouch	1	1
HSS-Co DIN338 4,5/47/80	536555	4.5	47	80	Pouch	1	1
HSS-Co DIN338 5/52/86	536556	5	52	86	Pouch	1	1
HSS-Co DIN338 5,5/57/93	536557	5.5	57	93	Pouch	1	1
HSS-Co DIN338 6/57/93	536558	6	57	93	Pouch	1	1
HSS-Co DIN338 6,5/63/101	536559	6.5	63	101	Pouch	1	1
HSS-Co DIN338 7/69/109	536560	7	69	109	Pouch	1	1
HSS-Co DIN338 8/75/117	536561	8	75	117	Pouch	1	1
HSS-Co DIN338 10/87/133	536562	10	87	133	Pouch	1	1


Technical Data

Metal drill bit D-HSS-Co XP							
							
D-HSS-Co							
Item	Item no.	Drill diameter d_0 [mm]	Working length [mm]	Total length l [mm]	Packaging	Contents [pcs.]	Sales unit [pcs]
HSS-Co DIN338 1/12/34	543180	1	12	34	X-Pack	10	1
HSS-Co DIN338 1,5/18/40	543185	1.5	18	43	X-Pack	10	1
HSS-Co DIN338 1,6/20/43	543186	1.6	20	43	X-Pack	10	1
HSS-Co DIN338 2/24/49	543190	2	24	49	X-Pack	10	1
HSS-Co DIN338 2,5/30/57	543195	2.5	30	57	X-Pack	10	1
HSS-Co DIN338 2,6/30/57	543196	2.6	30	57	X-Pack	10	1
HSS-Co DIN338 3/33/61	543200	3	33	61	X-Pack	10	1
HSS-Co DIN338 3,1/36/65	543201	3.1	36	65	X-Pack	10	1
HSS-Co DIN338 3,2/36/65	543202	3.2	36	65	X-Pack	10	1
HSS-Co DIN338 3,3/36/65	543203	3.3	36	65	X-Pack	10	1


Technical Data

Metal drill bit D-HSS-Co XP							
							
D-HSS-Co							
Item	Item no.	Drill diameter d_0 [mm]	Working length [mm]	Total length l [mm]	Packaging	Contents [pcs.]	Sales unit [pcs]
HSS-Co DIN338 3,4/39/70	543204	3.4	39	70	X-Pack	10	1
HSS-Co DIN338 3,5/39/70	543205	3.5	39	70	X-Pack	10	1
HSS-Co DIN338 3,6/39/70	543206	3.6	39	70	X-Pack	10	1
HSS-Co DIN338 3,7/39/70	543207	3.7	39	70	X-Pack	10	1
HSS-Co DIN338 3,8/43/75	543208	3.8	43	75	X-Pack	10	1
HSS-Co DIN338 3,9/43/75	543209	3.9	43	75	X-Pack	10	1
HSS-Co DIN338 4/43/75	543210	4	43	75	X-Pack	10	1
HSS-Co DIN338 4,1/43/75	543211	4.1	43	75	X-Pack	10	1
HSS-Co DIN338 4,2/43/75	543212	4.2	43	75	X-Pack	10	1
HSS-Co DIN338 4,3/47/80	543213	4.3	47	80	X-Pack	10	1
HSS-Co DIN338 4,4/47/80	543214	4.4	47	80	X-Pack	10	1
HSS-Co DIN338 4,5/47/80	543215	4.5	47	80	X-Pack	10	1
HSS-Co DIN338 4,6/47/80	543216	4.6	47	80	X-Pack	10	1
HSS-Co DIN338 4,7/47/80	543217	4.7	47	80	X-Pack	10	1
HSS-Co DIN338 4,8/52/86	543218	4.8	52	86	X-Pack	10	1
HSS-Co DIN338 4,9/52/86	543219	4.9	52	86	X-Pack	10	1
HSS-Co DIN338 5/52/86	543220	5	52	86	X-Pack	10	1
HSS-Co DIN338 5,1/52/86	543221	5.1	52	86	X-Pack	10	1
HSS-Co DIN338 5,2/52/86	543222	5.2	52	86	X-Pack	10	1
HSS-Co DIN338 5,3/52/86	543223	5.4	52	86	X-Pack	10	1
HSS-Co DIN338 5,4/57/93	543224	5.4	57	93	X-Pack	10	1
HSS-Co DIN338 5,5/57/93	543225	5.5	57	93	X-Pack	10	1
HSS-Co DIN338 5,6/57/93	543226	5.6	57	93	X-Pack	10	1
HSS-Co DIN338 5,7/57/93	543227	5.7	57	93	X-Pack	10	1
HSS-Co DIN338 5,8/57/93	543228	5.8	57	93	X-Pack	10	1
HSS-Co DIN338 5,9/57/93	543229	5.9	57	93	X-Pack	10	1
HSS-Co DIN338 6/57/93	543230	6	57	93	X-Pack	10	1
HSS-Co DIN338 6,1/63/101	543231	6.1	63	101	X-Pack	10	1
HSS-Co DIN338 6,2/63/101	543232	6.2	63	101	X-Pack	10	1
HSS-Co DIN338 6,3/63/101	543233	6.3	63	101	X-Pack	10	1
HSS-Co DIN338 6,4/63/101	543234	6.4	63	101	X-Pack	10	1
HSS-Co DIN338 6,5/63/101	543235	6.5	63	101	X-Pack	10	1
HSS-Co DIN338 6,6/63/101	543236	6.6	63	101	X-Pack	10	1
HSS-Co DIN338 6,7/63/101	543237	6.7	63	101	X-Pack	10	1
HSS-Co DIN338 6,8/69/109	543238	6.8	69	109	X-Pack	10	1
HSS-Co DIN338 6,9/69/109	543239	6.9	69	109	X-Pack	10	1
HSS-Co DIN338 7/69/109	543240	7	69	109	X-Pack	10	1



Technical Data

Metal drill bit D-HSS-Co XP							
							
D-HSS-Co							
Item	Item no.	Drill diameter d_0 [mm]	Working length [mm]	Total length l [mm]	Packaging	Contents [pcs.]	Sales unit [pcs]
HSS-Co DIN338 7,1/69/109	543241	7.1	69	109	X-Pack	5	1
HSS-Co DIN338 7,2/69/109	543242	7.2	69	109	X-Pack	5	1
HSS-Co DIN338 7,3/69/109	543243	7.3	69	109	X-Pack	5	1
HSS-Co DIN338 7,4/69/109	543244	7.4	69	109	X-Pack	5	1
HSS-Co DIN338 7,5/69/109	543245	7.5	69	109	X-Pack	5	1
HSS-Co DIN338 7,6/75/117	543246	7.6	75	117	X-Pack	5	1
HSS-Co DIN338 7,7/75/117	543247	7.7	75	117	X-Pack	5	1
HSS-Co DIN338 7,8/75/117	543248	7.8	75	117	X-Pack	5	1
HSS-Co DIN338 7,9/75/117	543249	7.9	75	117	X-Pack	5	1
HSS-Co DIN338 8,0/75/117	543250	8	75	117	X-Pack	5	1

Technical Data

Metal drill bit D-HSS-Co XP							
							
D-HSS-Co							
Item	Item no.	Drill diameter d_0 [mm]	Working length [mm]	Total length l [mm]	Packaging	Contents [pcs.]	Sales unit [pcs]
HSS-Co DIN338 8,1/75/117	543251	8.1	75	117	X-Pack	5	1
HSS-Co DIN338 8,2/75/117	543252	8.2	75	117	X-Pack	5	1
HSS-Co DIN338 8,3/75/117	543253	8.3	75	117	X-Pack	5	1
HSS-Co DIN338 8,4/75/117	543254	8.4	75	117	X-Pack	5	1
HSS-Co DIN338 8,5/75/117	543255	8.5	75	117	X-Pack	5	1
HSS-Co DIN338 9/81/125	543260	9	81	125	X-Pack	5	1
HSS-Co DIN338 9,5/81/125	543265	9.5	81	125	X-Pack	5	1
HSS-Co DIN338 10/87/133	543270	10	87	133	X-Pack	5	1
HSS-Co DIN338 10,2/87/133	543271	10.2	87	133	X-Pack	5	1
HSS-Co DIN338 10,5/87/133	543272	10.5	87	133	X-Pack	5	1
HSS-Co DIN338 11/94/142	543273	11	94	142	X-Pack	5	1
HSS-Co DIN338 11,5/94/142	543274	11.5	94	142	X-Pack	5	1
HSS-Co DIN338 12/101/151	543275	12	101	151	X-Pack	5	1
HSS-Co DIN338 12,5/101/151	543276	12.5	101	151	X-Pack	5	1
HSS-Co DIN338 13/101/151	543277	13	101	151	X-Pack	5	1

Technical Data

Metal drill bit D-HSS-Co Set				
				
HSS-Co Set 1-10 mm		HSS-Co Set 1-13 mm		
Item	Item no.	Packaging	Contents	Sales unit [pcs]
HSS-Co Set 1-10 mm	543329	Assortment box	19 pcs: 1/12/34, 1,5/18/40, 2/24/49, 2,5/30/57, 3/33/61, 3,5/39/70, 4/43/75, 4,5/47/80, 5/52/86, 5,5/57/93, 6/57/93, 6,5/63/101, 7/69/109, 7,5/69/109, 8/75/117, 8,5/75/117, 9/81/125, 9,5/81/125, 10/87/133	1
HSS-Co Set 1-13 mm	543330	Assortment box	25 pcs: 1/12/34, 1,5/18/40, 2/24/49, 2,5/30/57, 3/33/61, 3,5/39/70, 4/43/75, 4,5/47/80, 5/52/86, 5,5/57/93, 6/57/93, 6,5/63/101, 7/69/109, 7,5/69/109, 8/75/117, 8,5/75/117, 9/81/125, 9,5/81/125, 10/87/133, 10,5/87/133, 11/94/142, 11,5/94/142, 12/101/151, 12,5/101/151, 13/101/151	1