

HSS Solid Capscrew Counterbores, Straight Shank

QUALITY IMPORT



Screw Size	Pilot Dia.	Cutter Dia.	Shank Dia.	Overall Length	Grade C5 Code No.	Price \$
#5	0.141	0.221	3/16	3	150105	45.01
#6	0.150	0.242	7/32	3	150110	45.01
#8	11/64	19/64	1/4	3	150115	45.39
#10	13/64	21/64	5/16	3-1/2	150120	47.16
1/4	9/32	13/32	3/8	5	150125	59.27
5/16	11/32	1/2	7/16	5	150130	64.27
3/8	13/32	19/32	1/2	6	150135	97.75
7/16	15/32	11/16	1/2	7	150140	85.29
1/2	17/32	25/32	1/2	7-1/2	150145	103.87
5/8	21/32	31/32	3/4	7-1/2	150150	182.88
3/4	13/16	1-3/16	1	8	150155	283.81
7/8	15/16	1-3/8	1	8	150160	305.66

HSCO Straight Shank Counterbores — Metric

QUALITY IMPORT



Screw Size	Pilot Dia.	Cutter Dia.	Cutter Length	Shank Dia.	Code No.	Price \$
M3	3.4	6	25.400	7/32	150400	45.53
M4	4.5	8	25.400	5/16	150405	41.55
M5	5.5	10	31.750	3/8	150410	55.06
M6	6.6	11	34.925	7/16	150415	65.70
M8	9	15	38.894	1/2	150420	70.29
M10	11	18	44.450	1/2	150425	92.26
M12	14	20	50.800	1/2	150430	86.29
M14	15	24	60.325	MT2	150435	109.41
M16	17	26	79.375	MT2	150440	159.30
M20	21	33	79.375	MT2	150445	254.99

HSS Taper Shank Counterbores — Inch

QUALITY IMPORT



Screw Size	Pilot Dia.	Cutter Dia.	Taper Shank	Overall Length	Code No.	Price \$
5/8	21/32	31/32	MT 2	8-1/4	150205	183.72
3/4	13/16	1-3/16	MT 3	9	150210	291.98
7/8	15/16	1-3/8	MT 3	9	150220	303.72
1	1-1/16	1-9/16	MT 3	10	150230	335.23

HSS Straight Shank Counterbores — Metric

QUALITY IMPORT



Screw Size	Pilot Dia.	Cutter Dia.	Cutter Length	Shank Dia.	Code No.	Price \$
M3	3.4	6	25.400	7/32	150170	47.26
M4	4.5	8	25.400	5/16	150171	51.97
M5	5.5	10	31.750	3/8	150172	65.87
M6	6.6	11	34.925	7/16	150173	73.21
M8	9	15	38.894	1/2	150174	73.21
M10	11	18	44.450	1/2	150175	80.10
M12	14	20	50.800	1/2	150176	112.47
M14	15	24	60.325	MT2	150177	142.06
M16	17	26	79.375	MT2	150178	195.02
M20	21	33	79.375	MT2	150179	301.02

Counterbore Sets — Straight Shank

QUALITY IMPORT



* block not included



Description	Code No.	Price \$
Inch HSCO - 7pc Set Includes: #6, #8, #10, 1/4", 5/16", 3/8", 1/2"	150190	436.70
Inch HSS - 7pc Set Includes: #6, #8, #10, 1/4", 5/16", 3/8", 1/2"	150200	445.09
Metric HSCO - 7pc Set Includes: M3, M4, M5, M6, M8, M10, M12	150192	439.96
Metric HSS - 7pc Set Includes: M3, M4, M5, M6, M8, M10, M12	150195	484.89

HSS Annular Cutter Sets



5pc Set	1" Depth Code No.	Price \$	2" Depth Code No.	Price \$
9/16, 11/16, 13/16, 15/16, 1-1/16	138148	515.61	138150	781.33

HSS Annular Cutters — Inch



- Eliminate multi-step drilling
- Lower cost per hole
- Better finishing
- More accurate, cleaner holes
- Longer tool life
- 3/4" shank diameter with two flats
- Cutters are interchangeable with other standard hole cutting systems



Size	1" Depth Code No.	Price \$	2" Depth Code No.	Price \$	3" Depth Code No.	Price \$
7/16	138000	48.98	138054	70.02	-	-
1/2	138002	51.21	138056	72.46	-	-
9/16	138004	53.44	138058	73.52	-	-
5/8	138006	56.53	138060	73.52	-	-
11/16	138008	58.97	138062	82.76	-	-
3/4	138010	87.44	138064	93.29	-	-
13/16	138012	64.60	138066	100.29	138108	244.41
7/8	138014	69.80	138068	114.32	138110	270.37
15/16	138016	103.91	138070	154.58	138112	298.89
1	138018	82.12	138072	123.56	138114	298.89
1-1/16	138020	88.29	138074	173.61	138116	316.28
1-1/8	138022	98.81	138076	139.93	138118	353.81
1-3/16	138024	132.38	138078	180.83	138120	365.03
1-1/4	138026	110.60	138080	158.62	138122	382.26
1-5/16	138028	148.21	138082	203.35	138124	396.73
1-3/8	138030	164.04	138084	218.33	138126	431.22
1-7/16	138032	179.77	138086	237.99	138128	473.88
1-1/2	138034	195.60	138088	248.29	138130	491.40
1-9/16	138036	206.01	138090	265.72	138132	560.28
1-5/8	138038	211.53	138092	279.95	138134	580.07
1-11/16	138040	237.99	138094	311.83	-	-
1-3/4	138042	243.09	138096	316.93	138138	657.82
1-13/16	138044	274.86	138098	343.48	-	-
1-7/8	138046	274.86	138100	348.59	138142	570.11
1-15/16	138048	285.27	138102	369.73	138144	764.40
2	138050	306.30	138104	409.47	138146	812.16
2-1/16	138052	356.45	138106	432.84	-	-

FOR ANNULAR CUTTER HOLDERS SEE PAGE G81