

CARBON STEEL

COUNTERBORE PILOTS - INTERCHANGEABLE

ICS USA

SPECIAL PURPOSE

SOLID PILOT



Interchangeable counterbore pilots are used with interchangeable pilot style counterbores and spot facers, including carbide tipped and aircraft counterbores to produce various combinations of sizes. All counterbore pilots have a flat on one side of the shank for the set screw to hold the pilot in place. To order, select a pilot with a shank diameter to fit the pilot hole diameter of the counterbore being used.

NOTE: Flatted shank may need an additional flat to work with all the different brands of counterbores, as there is no industry standard for where the set screws are placed. [See example and explanation here.](#)

PILOT SIZE	ITEM NO.	PRICE
3/32" SHANK		
3/32	ICP006X006	5.76
1/8	ICP006X080	5.76
5/32	ICP006X010	5.76
3/16	ICP006X012	5.76
7/32	ICP006X014	5.76
1/4	ICP006X016	6.52
9/32	ICP006X018	6.52
5/16	ICP006X020	6.52
11/32	ICP006X022	6.52
3/8	ICP006X024	6.52
7/16	ICP006X028	6.52
1/2	ICP006X032	6.52
3/4	ICP006X048	6.52
1/8" SHANK		
1/8	ICP008X008	5.76
5/32	ICP008X010	5.76
3/16	ICP008X012	5.76
7/32	ICP008X014	5.76
1/4	ICP008X016	6.52
9/32	ICP008X018	6.52
5/16	ICP008X020	6.52
11/32	ICP008X022	6.52
3/8	ICP008X024	6.52
13/32	ICP008X026	6.52
7/16	ICP008X028	6.52
15/32	ICP008X030	8.50
1/2	ICP008X032	8.50
17/32	ICP008X034	8.50
9/16	ICP008X036	8.50
5/32" SHANK		
5/32	ICP010X010	5.76
3/16	ICP010X012	5.76
7/32	ICP010X014	5.76
1/4	ICP010X016	6.52
9/32	ICP010X018	6.52
5/16	ICP010X020	6.52
11/32	ICP010X022	6.52
3/8	ICP010X024	6.52
13/32	ICP010X026	6.52
7/16	ICP010X028	6.52
1/2	ICP010X032	8.50
3/16" SHANK		
3/16	ICP012X012	5.76
7/32	ICP012X014	5.76
1/4	ICP012X016	6.52
9/32	ICP012X018	6.52
5/16	ICP012X020	6.52
11/32	ICP012X022	6.52

PILOT SIZE	ITEM NO.	PRICE
3/16" SHANK		
3/8	ICP012X024	6.52
13/32	ICP012X026	6.52
7/16	ICP012X028	6.52
15/32	ICP012X030	8.50
1/2	ICP012X032	8.50
17/32	ICP012X034	8.50
9/16	ICP012X036	8.50
5/8	ICP012X040	8.50
11/16	ICP012X044	8.50
3/4	ICP012X048	8.50
1/4" SHANK		
1/4	ICP016X016	6.52
9/32	ICP016X018	6.52
5/16	ICP016X020	6.52
11/32	ICP016X022	6.52
3/8	ICP016X024	6.52
13/32	ICP016X026	6.52
7/16	ICP016X028	6.52
15/32	ICP016X030	8.50
1/2	ICP016X032	8.50
17/32	ICP016X034	8.50
9/16	ICP016X036	8.50
19/32	ICP016X038	8.50
5/8	ICP016X040	8.50
21/32	ICP016X042	8.50
11/16	ICP016X044	8.50
3/4	ICP016X048	8.50
13/16	ICP016X052	8.50
7/8	ICP016X056	13.50
15/16	ICP016X060	13.50
1	ICP016X100	13.50
5/16" SHANK		
5/16	ICP020X020	8.50
11/32	ICP020X022	8.50
3/8	ICP020X024	8.50
13/32	ICP020X026	8.50
7/16	ICP020X028	8.50
15/32	ICP020X030	12.26
1/2	ICP020X032	12.26
17/32	ICP020X034	12.26
9/16	ICP020X036	12.26
19/32	ICP020X038	12.26
5/8	ICP020X040	12.26
21/32	ICP020X042	12.26
11/16	ICP020X044	12.26
3/4	ICP020X048	12.26
13/16	ICP020X052	12.26
7/8	ICP020X056	14.76

PILOT SIZE	ITEM NO.	PRICE
5/16" SHANK		
15/16	ICP020X060	14.76
1	ICP020X100	14.76
1-1/16	ICP020X104	17.52
1-1/8	ICP020X108	17.52
3/8" SHANK		
3/8	ICP024X024	9.96
13/32	ICP024X026	9.96
7/16	ICP024X028	9.96
15/32	ICP024X030	9.96
1/2	ICP024X032	9.96
17/32	ICP024X034	11.52
9/16	ICP024X036	11.52
5/8	ICP024X040	13.26
11/16	ICP024X044	13.26
3/4	ICP024X048	13.26
13/16	ICP024X052	14.12
7/8	ICP024X056	14.12
15/16	ICP024X060	14.12
1	ICP024X100	17.24
1-1/16	ICP024X104	17.24
1-1/8	ICP024X108	17.24
1-5/32	ICP024X110	20.22
1-3/16	ICP024X112	20.22
1-1/4	ICP024X116	20.22
1-5/16	ICP024X120	20.22
1-3/8	ICP024X124	20.22
1-7/16	ICP024X128	21.72
1-1/2	ICP024X132	23.86
7/16" SHANK		
7/16	ICP028X028	12.82
1/2	ICP028X032	12.82
9/16	ICP028X036	12.82
5/8	ICP028X040	12.82
11/16	ICP028X044	14.76
3/4	ICP028X048	14.76
13/16	ICP028X052	14.76
7/8	ICP028X056	14.76
15/16	ICP028X060	14.76
1	ICP028X100	19.26
1-1/16	ICP028X104	19.26
1-1/8	ICP028X108	19.26
1-3/16	ICP028X112	19.26
1-1/4	ICP028X116	21.02
1-5/16	ICP028X120	21.02
1-3/8	ICP028X124	21.02
1-7/16	ICP028X128	21.02
1-1/2	ICP028X132	21.02
1-9/16	ICP028X136	22.50

PILOT SIZE	ITEM NO.	PRICE
7/16" SHANK		
1-5/8	ICP028X140	22.50
1-11/16	ICP028X144	22.50
1-3/4	ICP028X148	22.50
1-13/16	ICP028X152	22.50
1-7/8	ICP028X156	22.50
1/2" SHANK		
1/2	ICP032X032	12.02
17/32	ICP032X034	12.02
9/16	ICP032X036	12.02
5/8	ICP032X040	12.02
11/16	ICP032X044	12.02
3/4	ICP032X048	12.02
13/16	ICP032X052	14.98
7/8	ICP032X056	14.98
15/16	ICP032X060	14.98
1	ICP032X100	21.76
1-1/16	ICP032X104	19.26
1-1/8	ICP032X108	19.26
1-3/16	ICP032X112	21.76
1-1/4	ICP032X116	21.76
1-5/16	ICP032X120	21.76
1-3/8	ICP032X124	26.04
1-7/16	ICP032X128	26.04
1-1/2	ICP032X132	26.04
1-9/16	ICP032X136	26.04
1-5/8	ICP032X140	30.30
1-11/16	ICP032X144	30.30
1-3/4	ICP032X148	30.30
1-13/16	ICP032X152	33.42
1-7/8	ICP032X156	33.42
1-15/16	ICP032X160	33.42
2	ICP032X200	40.46
2-1/16	ICP032X204	40.46
2-1/8	ICP032X208	40.46
2-3/16	ICP032X212	46.30
2-1/4	ICP032X216	46.30
2-5/16	ICP032X220	46.30
2-3/8	ICP032X224	57.94
2-7/16	ICP032X228	57.94
2-1/2	ICP032X232	57.94
2-9/16	ICP032X236	61.00
2-5/8	ICP032X240	61.00
2-11/16	ICP032X244	61.00
2-3/4	ICP032X248	79.74
2-13/16	ICP032X252	79.74
2-7/8	ICP032X256	87.10
2-15/16	ICP032X260	87.10
3	ICP032X300	87.10

SHANK DIA.	SHANK LENGTH
3/32	1-1/4
1/8	1-1/2
5/32	1-1/2

SHANK DIA.	SHANK LENGTH
3/16	1-3/4
1/4	1-7/8
5/16	2-1/8

SHANK DIA.	SHANK LENGTH
3/8	2-3/8
7/16	2-5/8
1/2	2-3/4

Length of pilot head is equal to its diameter.