

CARBON STEEL INTERCHANGEABLE COUNTERBORE PILOTS

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	5.48
1/8	ICP006X080	5.48
5/32	ICP006X010	5.48
3/16	ICP006X012	5.48
7/32	ICP006X014	5.48
1/4	ICP006X016	6.20
9/32	ICP006X018	6.20
5/16	ICP006X020	6.20
11/32	ICP006X022	6.20
3/8	ICP006X024	6.20
7/16	ICP006X028	6.20
1/2	ICP006X032	6.20
3/4	ICP006X048	6.20
1/8" SHANK		
1/8	ICP008X008	5.48
5/32	ICP008X010	5.48
3/16	ICP008X012	5.48
7/32	ICP008X014	5.48
1/4	ICP008X016	6.20
9/32	ICP008X018	6.20
5/16	ICP008X020	6.20
11/32	ICP008X022	6.20
3/8	ICP008X024	6.20
13/32	ICP008X026	6.20
7/16	ICP008X028	6.20
15/32	ICP008X030	8.10
1/2	ICP008X032	8.10
17/32	ICP008X034	8.10
9/16	ICP008X036	8.10
5/32" SHANK		
5/32	ICP010X010	5.48
3/16	ICP010X012	5.48
7/32	ICP010X014	5.48
1/4	ICP010X016	6.20
9/32	ICP010X018	6.20
5/16	ICP010X020	6.20
11/32	ICP010X022	6.20
3/8	ICP010X024	6.20
13/32	ICP010X026	6.20
7/16	ICP010X028	6.20
1/2	ICP010X032	8.10
3/16" SHANK		
3/16	ICP012X012	5.48
7/32	ICP012X014	5.48
1/4	ICP012X016	6.20
9/32	ICP012X018	6.20
5/16	ICP012X020	6.20
11/32	ICP012X022	6.20

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

PILOT SIZE	ITEM NO.	PRICE
3/16" SHANK		
3/8	ICP012X024	6.20
13/32	ICP012X026	6.20
7/16	ICP012X028	6.20
15/32	ICP012X030	8.10
1/2	ICP012X032	8.10
17/32	ICP012X034	8.10
9/16	ICP012X036	8.10
5/8	ICP012X040	8.10
11/16	ICP012X044	8.10
3/4	ICP012X048	8.10
1/4" SHANK		
1/4	ICP016X016	6.20
9/32	ICP016X018	6.20
5/16	ICP016X020	6.20
11/32	ICP016X022	6.20
3/8	ICP016X024	6.20
13/32	ICP016X026	6.20
7/16	ICP016X028	6.20
15/32	ICP016X030	8.10
1/2	ICP016X032	8.10
17/32	ICP016X034	8.10
9/16	ICP016X036	8.10
19/32	ICP016X038	8.10
5/8	ICP016X040	8.10
21/32	ICP016X042	8.10
11/16	ICP016X044	8.10
3/4	ICP016X048	8.10
13/16	ICP016X052	8.10
7/8	ICP016X056	12.86
15/16	ICP016X060	12.86
1	ICP016X100	12.86
5/16" SHANK		
5/16	ICP020X020	8.10
11/32	ICP020X022	8.10
3/8	ICP020X024	8.10
13/32	ICP020X026	8.10
7/16	ICP020X028	8.10
15/32	ICP020X030	11.68
1/2	ICP020X032	11.68
17/32	ICP020X034	11.68
9/16	ICP020X036	11.68
19/32	ICP020X038	11.68
5/8	ICP020X040	11.68
21/32	ICP020X042	11.68
11/16	ICP020X044	11.68
3/4	ICP020X048	11.68
13/16	ICP020X052	11.68
7/8	ICP020X056	14.06

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

PILOT SIZE	ITEM NO.	PRICE
5/16" SHANK		
15/16	ICP020X060	14.06
1	ICP020X100	14.06
1-1/16	ICP020X104	16.68
1-1/8	ICP020X108	16.68
3/8" SHANK		
3/8	ICP024X024	9.48
13/32	ICP024X026	9.48
7/16	ICP024X028	9.48
15/32	ICP024X030	9.48
1/2	ICP024X032	9.48
17/32	ICP024X034	10.96
9/16	ICP024X036	10.96
5/8	ICP024X040	12.62
11/16	ICP024X044	12.62
3/4	ICP024X048	12.62
13/16	ICP024X052	13.44
7/8	ICP024X056	13.44
15/16	ICP024X060	13.44
1	ICP024X100	16.42
1-1/16	ICP024X104	16.42
1-1/8	ICP024X108	16.42
1-5/32	ICP024X110	19.26
1-3/16	ICP024X112	19.26
1-1/4	ICP024X116	19.26
1-5/16	ICP024X120	19.26
1-3/8	ICP024X124	19.26
1-7/16	ICP024X128	20.68
1-1/2	ICP024X132	22.72
7/16" SHANK		
7/16	ICP028X028	12.20
1/2	ICP028X032	12.20
9/16	ICP028X036	12.20
5/8	ICP028X040	12.20
11/16	ICP028X044	14.06
3/4	ICP028X048	14.06
13/16	ICP028X052	14.06
7/8	ICP028X056	14.06
15/16	ICP028X060	14.06
1	ICP028X100	18.34
1-1/16	ICP028X104	18.34
1-1/8	ICP028X108	18.34
1-3/16	ICP028X112	18.34
1-1/4	ICP028X116	20.02
1-5/16	ICP028X120	20.02
1-3/8	ICP028X124	20.02
1-7/16	ICP028X128	20.02
1-1/2	ICP028X132	20.02
1-9/16	ICP028X136	21.42

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

PILOT SIZE	ITEM NO.	PRICE
7/16" SHANK		
1-5/8	ICP028X140	21.42
1-11/16	ICP028X144	21.42
1-3/4	ICP028X148	21.42
1-13/16	ICP028X152	21.42
1-7/8	ICP028X156	21.42
1/2" SHANK		
1/2	ICP032X032	11.44
17/32	ICP032X034	11.44
9/16	ICP032X036	11.44
5/8	ICP032X040	11.44
11/16	ICP032X044	11.44
3/4	ICP032X048	11.44
13/16	ICP032X052	14.26
7/8	ICP032X056	14.26
15/16	ICP032X060	14.26
1	ICP032X100	18.34
1-1/16	ICP032X104	18.34
1-1/8	ICP032X108	18.34
1-3/16	ICP032X112	20.72
1-1/4	ICP032X116	20.72
1-5/16	ICP032X120	20.72
1-3/8	ICP032X124	24.80
1-7/16	ICP032X128	24.80
1-1/2	ICP032X132	24.80
1-9/16	ICP032X136	24.80
1-5/8	ICP032X140	28.86
1-11/16	ICP032X144	28.86
1-3/4	ICP032X148	28.86
1-13/16	ICP032X152	31.82
1-7/8	ICP032X156	31.82
1-15/16	ICP032X160	31.82
2	ICP032X200	38.52
2-1/16	ICP032X204	38.52
2-1/8	ICP032X208	38.52
2-3/16	ICP032X212	44.10
2-1/4	ICP032X216	44.10
2-5/16	ICP032X220	44.10
2-3/8	ICP032X224	55.18
2-7/16	ICP032X228	55.18
2-1/2	ICP032X232	55.18
2-9/16	ICP032X236	58.10
2-5/8	ICP032X240	58.10
2-11/16	ICP032X244	58.10
2-3/4	ICP032X248	75.94
2-13/16	ICP032X252	75.94
2-7/8	ICP032X256	82.94
2-15/16	ICP032X260	82.94
3	ICP032X300	82.94

Length of pilot head is equal to its diameter.