



List 52100

OSG PHOENIX® PFB SA



SPEED FEED
1542-1543

INSERTS
1268-1272

ACCS.
1273

STEEL

CARBIDE

2 FLUTE

PACKED
1 PIECE



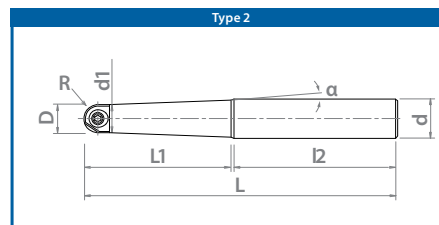
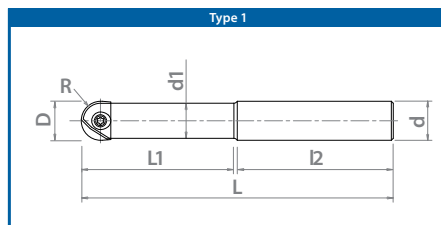
Steel Shank



Carbide Shank

EDP Number	Designation	Body Type	Type	Dia.		Neck Dia.	Neck Length		Overall Length	Shank Dia.	Shank Length	Taper Angle	L/D Ratio	Applicable Insert
				D (Inch)	R (Inch)		d1 (Inch)	L1 (Inch)						
52100000	PFB-R0250SA0250-S325	Cylindrical Shank Steel	1	0.250	0.125	0.226	0.625	3.250	0.250	2.625	0	2.5	PFB0250	
52100026	PFB-R0250SA0250-S375	Cylindrical Shank Steel	1	0.250	0.125	0.226	1.125	3.750	0.250	2.625	0	4.5	PFB0250	
52100027	PFB-R0250TPA0375-S375	Cylindrical Shank Steel	2	0.250	0.125	0.226	1.125	3.750	0.375	2.581	2	4.5	PFB0250	
52100028	PFB-R0250TPA0375-S425	Cylindrical Shank Steel	2	0.250	0.125	0.226	1.500	4.250	0.375	2.697	1	6.0	PFB0250	
52100001	PFB-R0375SA0375-S550	Cylindrical Shank Steel	1	0.375	0.188	0.336	1.687	5.500	0.375	3.813	0	4.5	PFB0375	
52100029	PFB-R0375SA0375-S400	Cylindrical Shank Steel	1	0.375	0.188	0.336	0.937	4.000	0.375	3.063	0	2.5	PFB0375	
52100030	PFB-R0375TPA0500-S500	Cylindrical Shank Steel	2	0.375	0.188	0.336	1.687	5.000	0.500	3.276	2	4.5	PFB0375	
52100031	PFB-R0375TPA0500-S550	Cylindrical Shank Steel	2	0.375	0.188	0.336	2.250	5.500	0.500	3.200	1	6.0	PFB0375	
52100002	PFB-R0500SA0500-S550	Cylindrical Shank Steel	1	0.500	0.250	0.461	2.250	5.500	0.500	3.250	0	4.5	PFB0500	
52100032	PFB-R0500SA0500-S450	Cylindrical Shank Steel	1	0.500	0.250	0.461	1.250	4.500	0.500	3.250	0	2.5	PFB0500	
52100033	PFB-R0500TPA0625-S550	Cylindrical Shank Steel	2	0.500	0.250	0.461	2.250	5.500	0.625	3.229	2	4.5	PFB0500	
52100034	PFB-R0500TPA0625-S650	Cylindrical Shank Steel	2	0.500	0.250	0.461	3.000	6.500	0.625	3.461	1	6.0	PFB0500	
52100003	PFB-R0625SA0625-S550	Cylindrical Shank Steel	1	0.625	0.313	0.546	2.500	5.500	0.625	3.000	0	4.0	PFB0625	
52100035	PFB-R0625SA0625-S500	Cylindrical Shank Steel	1	0.625	0.313	0.546	1.562	5.000	0.625	3.438	0	2.5	PFB0625	
52100036	PFB-R0625TPA0750-S600	Cylindrical Shank Steel	2	0.625	0.313	0.546	2.812	6.000	0.750	3.181	2	4.5	PFB0625	
52100037	PFB-R0625TPA0750-S700	Cylindrical Shank Steel	2	0.625	0.313	0.546	3.750	7.000	0.750	3.222	1	6.0	PFB0625	
52100004	PFB-R0750SA0750-S600	Cylindrical Shank Steel	1	0.750	0.375	0.671	3.000	6.000	0.750	3.000	0	4.0	PFB0750	
52100038	PFB-R0750SA0750-S550	Cylindrical Shank Steel	1	0.750	0.375	0.671	1.875	5.500	0.750	3.625	0	2.5	PFB0750	
52100039	PFB-R0750TPA1000-S650	Cylindrical Shank Steel	2	0.750	0.375	0.671	3.375	6.500	1.000	3.072	2	4.5	PFB0750	
52100040	PFB-R0750TPA1000-S800	Cylindrical Shank Steel	2	0.750	0.375	0.671	4.500	8.000	1.000	3.420	1	6.0	PFB0750	
52100005	PFB-R1000SA1000-S650	Cylindrical Shank Steel	1	1.000	0.500	0.882	3.000	6.500	1.000	3.500	0	3.0	PFB1000	
52100041	PFB-R1000SA1000-S750	Cylindrical Shank Steel	1	1.000	0.500	0.882	4.000	7.500	1.000	3.500	0	4.0	PFB1000	
52100042	PFB-R1000TPA1250-S800	Cylindrical Shank Steel	2	1.000	0.500	0.882	4.500	8.000	1.250	3.477	2	4.5	PFB1000	
52100043	PFB-R1000TPA1250-S950	Cylindrical Shank Steel	2	1.000	0.500	0.882	6.000	9.500	1.250	3.442	1	6.0	PFB1000	
52100016	PFB-R1250SA1250-S700	Cylindrical Shank Steel	1	1.250	0.625	1.132	3.750	7.000	1.250	3.250	0	3.0	PFB1250	
52100044	PFB-R1250SA1250-S850	Cylindrical Shank Steel	1	1.250	0.625	1.132	5.000	8.500	1.250	3.500	0	4.0	PFB1250	
52100045	PFB-R1250TPA1500-S900	Cylindrical Shank Steel	2	1.250	0.625	1.132	5.625	9.000	1.500	3.344	2	4.5	PFB1250	
52100046	PFB-R1250TPA1500-S1100	Cylindrical Shank Steel	2	1.250	0.625	1.132	7.500	11.000	1.500	3.425	1	6.0	PFB1250	
52100020	PFB-R0250SA0250-S325CS	Cylindrical Shank Short Carbide	1	0.250	0.125	0.226	0.625	3.250	0.250	2.625	0	2.5	PFB0250	
52100021	PFB-R0375SA0375-S400CS	Cylindrical Shank Short Carbide	1	0.375	0.188	0.336	0.937	4.000	0.375	3.063	0	2.5	PFB0375	
52100022	PFB-R0500SA0500-S450CS	Cylindrical Shank Short Carbide	1	0.500	0.250	0.461	1.250	4.500	0.500	3.250	0	2.5	PFB0500	
52100023	PFB-R0625SA0625-S550CS	Cylindrical Shank Short Carbide	1	0.625	0.313	0.546	1.562	5.500	0.625	3.938	0	2.5	PFB0625	
52100024	PFB-R0750SA0750-S600CS	Cylindrical Shank Short Carbide	1	0.750	0.375	0.671	1.875	6.000	0.750	4.125	0	2.5	PFB0750	
52100025	PFB-R1000SA1000-S650CS	Cylindrical Shank Short Carbide	1	1.000	0.500	0.882	2.500	6.500	1.000	4.000	0	2.5	PFB1000	
52100017	PFB-R1250SA1250-S700CS	Cylindrical Shank Short Carbide	1	1.250	0.625	1.132	3.125	7.000	1.250	3.875	0	2.5	PFB1250	
52100047	PFB-R0250SA0250-L400CS	Cylindrical Shank Long Carbide	1	0.250	0.125	0.226	1.250	4.000	0.250	2.750	0	5.0	PFB0250	
52100048	PFB-R0250TPA0375-L425CS	Cylindrical Shank Long Carbide	2	0.250	0.125	0.226	1.500	4.250	0.375	2.697	1	6.0	PFB0250	
52100006	PFB-R0375SA0375-L500CS	Cylindrical Shank Long Carbide	1	0.375	0.188	0.336	1.875	5.500	0.375	3.625	0	5.0	PFB0375	

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



CONTINUED ➔

P	M	K	N	S	H
Steel	Stainless Steel	Cast Iron	Non-Ferrous	HRSA	Hardened Steel
○	○	○	○	○	○

Material recommendation based on inserts compatible with this tool body.

○ Good ○ Best





List 52100 (Continued)



SPEED FEED
1542-1543

INSERTS
1268-1272

ACCS.
1273

STEEL

CARBIDE

2 FLUTE

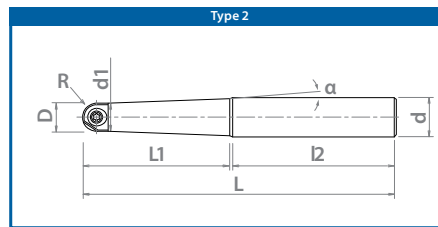
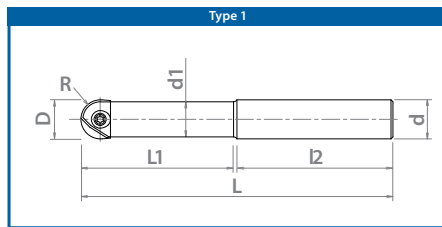
PACKED
1 PIECE

OSG PHOENIX® PFB SA



EDP Number	Designation	Body Type	Type	Dia.		Neck Dia.	Neck Length	Overall Length	Shank Dia.	Shank Length	Taper Angle	L/D Ratio	Applicable Insert
				D (Inch)	R (Inch)								
52100049	PFB-R0375TPA0500-L550CS	Cylindrical Shank Long Carbide	2	0.375	0.188	0.336	2.250	5.500	0.500	3.200	1	6.0	PFB0375
52100007	PFB-R0500SA0500-L550CS	Cylindrical Shank Long Carbide	1	0.500	0.250	0.461	2.500	5.500	0.500	3.000	0	5.0	PFB0500
52100050	PFB-R0500TPA0625-L650CS	Cylindrical Shank Long Carbide	2	0.500	0.250	0.461	3.000	6.500	0.625	3.461	1	6.0	PFB0500
52100008	PFB-R0625SA0625-L650CS	Cylindrical Shank Long Carbide	1	0.625	0.313	0.546	3.125	6.500	0.625	3.375	0	5.0	PFB0625
52100051	PFB-R0625TPA0750-L700CS	Cylindrical Shank Long Carbide	2	0.625	0.313	0.546	3.750	7.000	0.750	3.222	1	6.0	PFB0625
52100009	PFB-R0750SA0750-L700CS	Cylindrical Shank Long Carbide	1	0.750	0.375	0.671	3.750	7.000	0.750	3.250	0	5.0	PFB0750
52100052	PFB-R0750TPA1000-L800CS	Cylindrical Shank Long Carbide	2	0.750	0.375	0.671	4.500	8.000	1.000	3.420	1	6.0	PFB0750
52100010	PFB-R1000SA1000-L800CS	Cylindrical Shank Long Carbide	1	1.000	0.500	0.882	4.500	8.000	1.000	3.500	0	4.5	PFB1000
52100053	PFB-R1000TPA1250-L950CS	Cylindrical Shank Long Carbide	2	1.000	0.500	0.882	6.000	9.500	1.250	3.442	1	6.0	PFB1000
52100018	PFB-R1250SA1250-L900CS	Cylindrical Shank Long Carbide	1	1.250	0.625	1.132	5.625	9.000	1.250	3.375	0	4.5	PFB1250
52100054	PFB-R1250TPA1500-L1100CS	Cylindrical Shank Long Carbide	2	1.250	0.625	1.132	7.500	11.000	1.500	3.425	1	6.0	PFB1250
52100055	PFB-R0250SA0250-LL450CS	Cylindrical Shank Extra-Long Carbide	1	0.250	0.125	0.226	1.750	4.500	0.250	2.750	0	7.0	PFB0250
52100056	PFB-R0250TPA0375-LL475CS	Cylindrical Shank Extra-Long Carbide	2	0.250	0.125	0.226	2.000	4.750	0.375	2.690	1	8.0	PFB0250
52100011	PFB-R0375SA0375-LL650CS	Cylindrical Shank Extra-Long Carbide	1	0.375	0.188	0.336	2.625	6.500	0.375	3.875	0	7.0	PFB0375
52100057	PFB-R0375TPA0500-LL650CS	Cylindrical Shank Extra-Long Carbide	2	0.375	0.188	0.336	3.000	6.500	0.500	3.440	1	8.0	PFB0375
52100012	PFB-R0500SA0500-LL700CS	Cylindrical Shank Extra-Long Carbide	1	0.500	0.250	0.461	3.500	7.000	0.500	3.500	0	7.0	PFB0500
52100058	PFB-R0500TPA0625-LL750CS	Cylindrical Shank Extra-Long Carbide	2	0.500	0.250	0.461	4.000	7.500	0.625	3.448	1	8.0	PFB0500
52100013	PFB-R0625SA0625-LL750CS	Cylindrical Shank Extra-Long Carbide	1	0.625	0.313	0.546	3.750	7.500	0.625	3.750	0	6.0	PFB0625
52100059	PFB-R0625TPA0750-LL825CS	Cylindrical Shank Extra-Long Carbide	2	0.625	0.313	0.546	5.000	8.250	0.750	3.206	1	8.0	PFB0625
52100014	PFB-R0750SA0750-LL900CS	Cylindrical Shank Extra-Long Carbide	1	0.750	0.375	0.671	4.500	9.000	0.750	4.500	0	6.0	PFB0750
52100060	PFB-R0750TPA1000-LL950CS	Cylindrical Shank Extra-Long Carbide	2	0.750	0.375	0.671	6.000	9.500	1.000	3.401	1	8.0	PFB0750
52100015	PFB-R1000SA1000-LL1050CS	Cylindrical Shank Extra-Long Carbide	1	1.000	0.500	0.882	5.500	10.500	1.000	5.000	0	5.5	PFB1000
52100061	PFB-R1000TPA1250-LL1150CS	Cylindrical Shank Extra-Long Carbide	2	1.000	0.500	0.882	8.000	11.500	1.250	3.416	1	8.0	PFB1000
52100019	PFB-R1250SA1250-LL1200CS	Cylindrical Shank Extra-Long Carbide	1	1.250	0.625	1.132	6.875	12.000	1.250	5.125	0	5.5	PFB1250
52100062	PFB-R1250TPA1500-LL1350CS	Cylindrical Shank Extra-Long Carbide	2	1.250	0.625	1.132	10.000	13.500	1.500	3.392	1	8.0	PFB1250

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



DESIGNATION EXPLANATION

PFB-R 0250 SA 0250-S 325 (CS)



See Full Detail on Page 1524

P	M	K	N	S	H
Steel	Stainless Steel	Cast Iron	Non-Ferrous	HRS A	Hardened Steel
○	○	○	○	○	○

Material recommendation based on inserts compatible with this tool body.

○ Good ○ Best

