



## OIL FILM BEARINGS (OFB) SUPPLIED BY "EZTM" JSC

Name and diameter, mm	Location	Year	Plant or mill where OFB is installed
<b>OFB 1800</b>	"Izhora Plants", Kolpino, Russia	1983, 2007, 2009, 2010	5000 hot rolling mill
<b>OFB 1600</b>	"Ilyich Iron and Steel Works" Mariupol, Ukraine	1983, 1992, 2008, 2010	3000 mill
<b>OFB 1450</b>	Bhilai, India	1984, 2010	3600 mill
<b>OFB 1320</b>	"Azovstal", Ukraine	1974, 1992-2010	3600 mill
	Czestochowa, Poland	1972	3600 mill
<b>OFB 1180</b>	Bokaro, India	1969, 1978, 1991 - 2005	2000 hot rolling mill, 4-stand cold rolling mill 2000, 2000 continuous wide-strip rolling mill
	"NLMK", Lipetsk, Russia	1969 - 1981, 1994 - 2010	2000 hot rolling mill
	"Magnitogorsk Iron and Steel Works", Magnitogorsk, Russia	1960 - 1976, 1993 - 2010	2000, 2500 hot rolling mills
	"Uralsteel", Novotroitsk, Russia	1978, 2007	2800 plate mill
		1999-2008	2800 sheet hot rolling mill
"Severstal", Cherepovets, Russia	1979, 2000 - 2010	2800 sheet hot rolling mill, 2000 sheet hot rolling mill. Reconstruction of 2000 mill, 7,8,9,10 finishing stands	
<b>OFB 1120</b>	Kremikovtzi, Bulgaria	1977 - 2008	1700 strip mill
	Dunabe-Varosh, Hungary	1992	1700 hot rolling mill
	Szekesfehervar, Hungary	1970	1800 aluminum rolling mill
	Temirtau, Kazakhstan	1973 - 2004	1400 and 1700 cold rolling mills, 1700 hot rolling mill
	Cheldin, China	1974	1700 hot rolling mill
	Karachi, Pakistan	1983	1700 hot rolling mill
	Galatsi, Rumania	1974	1700 hot rolling mill
	Kosice, Slovakia	1992 - 2010	1700 hot rolling mill
	"Magnitogorsk Iron and Steel Works", Magnitogorsk, Russia	1960 - 1976, 1994 - 2010	2500 cold and hot rolling mills
	"Samara Metallurgical Plant", Samara, Russia	1977, 2006, 2010	2800 hot rolling mill
"Severstal", Cherepovets, Russia	2000 - 2007, 2010	1700 cold rolling mill	

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<b>OFB 1120 HSD*</b>	"Severstal", Cherepovets, Russia	1992, 2007, 2009, 2010	1700 cold rolling mill
<b>OFB 54" (1068)</b>	Mobarakeh Steel Co, Mobarak, Iran	2005-2008, 2010	1700 hot rolling mill
<b>OFB 54" (1065)</b>	"NLMK", Lipetsk, Russia	2005 - 2007, 2009	2030 sheet cold rolling mill
<b>OFB 52" (1026)</b>	ISDEMIR, Iskenderun, Turkey	2010	1700 hot strip mill
<b>OFB 1000</b>	Kremikovtzi, Bulgaria	1973 - 2008	4-stand cold rolling mill 1700, 2-stand tempering mill 1200
	Eisenhuten- stadt, Germany	1978	4-stand mill 1700
	Temirtau, Kazakhstan	1973 - 2004	1400 and 1700 cold rolling mills, 1700 hot rolling mill
	Cheldin, China	1975	1200 cold rolling mill
	Karachi, Pakistan	1984	1700 cold rolling mill
	Zaporizhstal, Ukraine	1997-2010	1700, 1680,1200 cold rolling mills
	"Ilyich Iron and Steel Works" Mariupol, Ukraine	1965, 1996 - 2010	1700 hot rolling mill
	"Severstal", Cherepovets, Russia	2000 - 2007, 2010	2000 sheet hot rolling mill. Reconstruction of 2000 mill, 7,8,9,10 finishing stands
	"Salda steel plant", Verhnyaya Salda, Russia	1976	2000 mill
	Ekaterinburg (Sverdlovsk), Russia	1973, 2010	1300 mill
	"NLMK", Lipetsk, Russia	1969 - 1981, 1994 - 2009	2000 hot rolling mill
"Chelyabinsk Metallurgical Plant", Russia	1963 - 1982, 1994 - 2008	1700 hot rolling mill	
<b>OFB 1000 HSD*</b>	Galatsi, Rumania	1978, 1986	tempering mill, 5-stand rolling mill 1400
<b>OFB 48" (945)</b>	Kremikovtzi, Bulgaria	2004-2008, 2010	1200 cold rolling mill
<b>OFB 900</b>	Helwan, the Arab Republic of Egypt	1965	1200 cold reversing mill
	Dunabe-Varosh, Hungary	1979	1200 reversing mill, 1700 reversing mill
	Katowice, Poland	1957	1200 cold rolling mill
	Zaporizhstal, Ukraine	1963, 1997 - 2010	1200 tandem mill, 1700, 1680,1200 cold rolling mills
	"Ilyich Iron and Steel Works" Mariupol, Ukraine	1996 - 2010	1700 cold rolling mill
	Frydek-Mistek, Czech Republic	1994	quarto cold rolling mill

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	Smedorovo, Yugoslavia	1974	1700 cold reversing mill
	"NLMK", Lipetsk, Russia	1969 - 1981, 1994 - 2008	1200 cold rolling mill
	"Magnitogorsk Iron and Steel Works", Magnitogorsk, Russia	1960 - 1976, 1993 - 2010	1200, 1450 cold rolling mills
	"Severstal", Cherepovets, Russia	1975, 1994, 2005 - 2010	1700 cold sheet mill 1700 hot sheet mill
<b>OFB 900 HSD*</b>	Kosice, Slovakia	1989, 2007, 2009, 2010	1200 cold rolling mill
<b>OFB 850</b>	"EISKO", Helwan, the Arab Republic of Egypt	1964, 2007, 2010	1200 semi-continuous hot strip mill, 1700 hot rolling mill
	Bokaro, India	1978	2000 continuous wide-strip rolling mill
	"NLMK", Lipetsk, Russia	1969 - 1981, 1994 - 2008	2000 hot rolling mill
	"Serp i Molot", Moscow, Russia	1994	560 hot rolling mill
<b>OFB 800</b>	Helwan, the Arab Republic of Egypt	1964	1200 semi-continuous hot strip mill
	"Magnitogorsk Iron and Steel Works", Magnitogorsk, Russia	1960 - 1976	1200 cold rolling mill
	"Novosibirsk Metallurgical Works named after Kuzmin", Russia	1980, 2007, 2009, 2010	810 hot rolling mill
<b>OFB 36" (710)</b>	Artemovsk, Ukraine	1979, 1992	3-stand mill - tandem, duo, quarto mills
	Kirov Non-Ferrous Metal Processing Plant, Russia	1970 - 1981	1000 tandem mill, 850 duo mill
	"Uralsteel", Novotroitsk, Russia	1982, 1992 - 2008	800 mill
	"Orsko- Khalilovo metallurgical plant", Russia	1970 - 1980	400 mill
<b>OFB 650 HSD*</b>	"Magnitogorsk Iron and Steel Works", Magnitogorsk, Russia	1960 - 1976, 1994 - 2008, 2010	1200 rolling mill
<b>OFB 600</b>	Sofia, Bulgaria	1967	850x1500 duo mill
	Kosice, Slovakia	1992 - 2008	1700 hot rolling mill
	"Kirov Non-Ferrous Metal Processing Plant", Russia	1970 - 1981, 1994	1000 tandem mill, 850 duo mill
	"Kolchugino Non-Ferrous Metal Processing Plant", Russia	1985, 1995	850 duo mill
<b>OFB 550</b>	Sofia, Bulgaria	1978	250/750x850 reversing mill
	Artemovsk, Ukraine	1992	duo, quarto mills

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	"Kolchugino Non-Ferrous Metal Processing Plant", Russia	1995	850 duo mill
	"Orsko- Khalilovo metallurgical plant", Russia	1970 - 1980	400 mill
	Zaporizhstal, Ukraine	2006, 2010	cold rolling mill
<b>OFB 530</b>	Kirov Non-Ferrous Metal Processing Plant, Russia	1970 - 1981	1000 tandem mill, 850 duo mill
<b>OFB 500</b>	Isfahan, Iran	1973	650 mill
	Bekabad, Uzbekistan	1984, 1992 - 2007	300 light-section mill
<b>OFB 450</b>	Burgas, Bulgaria	1988	300 light-section mill
	Isfahan, Iran	1977	500 mill
	Adjaokuta, Nigeria	1988	700 mill
	Katowice, Poland	1994	710 medium sheet mill
	Krakow, Poland	1995	710 hot rolling mill
	Bekabad, Uzbekistan	1984, 1992 - 2009	300 light-section mill
	Dnepropetrovsk, Ukraine	1983, 1992 - 2007, 2010	550 mill
	Ostrava, Czech Republic	1983	medium- light-section mill
	Evrzholding , ZSMK, Russia	1963 - 1976, 1994 - 2010	450 section mill, 350 medium section mill
	"Oskol Electro-Metallurgical Combine", Stary Oskol, Russia	1987, 2007	350 light-section mill
<b>OFB 400</b>	Annaba, Algeria	1981	150 wire mill
	Burgas, Bulgaria	1988	300 light-section mill
	Pernik, Bulgaria	1988	500 section mill
	Brandenburg, Germany	1980	150 wire mill
	Magdeburg, Germany	1992	light-section mill
	Isfahan, Iran	1977	500 mill
	Katowice, Poland	1994	710 medium sheet mill
	Krakow, Poland	1995	710 hot rolling mill
	Bekabad, Uzbekistan	1984, 1992 - 2007	300 mill
	Alchevsk, Ukraine	1992, 1993 - 2004, 2008	600 mill
	Enakievo, Ukraine	1970, 1993	250/350 wire mill
	Krivoi Rog, Ukraine	1956 - 1977, 1992	250, 300 light-section mills, strip mill
	Aturugiriya, Sri Lanka	1998 - 2000	250/350 light-section mill
"Beloretsk Metallurgical Plant", Russia	1975, 2007	180 wire mill	

Name and diameter, mm	Location	Year	Plant or mill where OFB is installed
	Evrazholding , ZSMK, Russia	1963 - 1976, 1994 - 2010	450 section mill, 350 medium section mill
	Kirov Non-Ferrous Metal Processing Plant, Russia	1970 - 1981	150 quarto mill, 220 quarto mill
	"Kirov Works", Sankt Petersburg, Russia	1969	400 cold rolling mill
<b>OFB 350</b>	Helwan, the Arab Republic of Egypt	1980	450 section mill
	Pernik, Bulgaria	1988	500 section mill
	Adjaokuta, Nigeria	1984	250 light-section mill
	Artemovsk, Ukraine	1992, 1993	duo, quarto mills
	Dneprodzerzhinsk, Ukraine	1971	350 mill
	Krivoi Rog, Ukraine	1956 - 1977, 1992	250, 300 light-section mills, strip mill
	Ostrava, Czech Republic	1983	medium- light-section mill
	"Zlatoust Metallurgical Works", Russia	1973, 2005 - 2006, 2008	350/500 mill
	Evrazholding , ZSMK, Russia	1963 - 1976, 1994 - 2010	250 light-section mill, 250 wire mill, 350 medium-section mill, 450 section mill
	"Minyarsky Metalware and Steel Plant", Russia	1997	400 quarto mill
	"Hardware Metallurgical Plant and Sizing Plant", Russia	2005 - 2006	300 medium-section mill
	"Orsko- Khalilovo metallurgical plant", Russia	1970 - 1980	400, 250, 150 mill
	"Oskol Electro-Metallurgical Combine", Stary Oskol, Russia	1987, 2002 - 2007	350 section mill
	"Kirov Works", Sankt Petersburg, "Petrostal" MP, Russia	1969, 1971, 1972, 1998, 2003, 2007	400 cold rolling mill, 250, 350 mills
	"Severstal", Cherepovets, Russia	1963 - 1990, 1994 - 2010	150 light-section mill, 250 light-section mill, 250 wire mill, 280 wire mill, 350 medium-section mill
"Electrostal", Russia	1987, 2009, 2010	250/300 mill	
<b>OFB 320</b>	Annaba, Algeria	1981, 1995	150 wire mill
	Helwan, the Arab Republic of Egypt	1980	450 section mill
	Brandenburg, Germany	1980	150 wire mill
	Henningsdorf, Germany	1977	250 light-section mill
	Bhilai, India	1967	250 mill

Name and diameter, mm	Location	Year	Plant or mill where OFB is installed
	Rybnitsa, Moldova	1986	250 light-section mill
	Adjaokuta, Nigeria	1988	700 mill
	Enakievo, Ukraine	1970, 1993	250/350 wire mill
	Krivoi Rog, Ukraine	1992	250,300 mill
	Ostrava, Czech Republic	1983	medium- light-section mill
	"Beloretsk Metallurgical Plant", Russia	1975, 2007	180 wire mill
	"Amurstal", Komsomolsk-on-Amur, Russia	1987, 2008, 2010	250 light-section-wire mill
	"Serp i Molot", Moscow, Russia	1994, 1995	350 section mill
	"Kirov Works", Sankt Petersburg, Russia	1972	350 mill
<b>OFB 16" (314)</b>	Vishakhapatnam, India	2008, 2010	light section mill
<b>OFB 300</b>	Kremikovtzi, Bulgaria	1970	250 light-section-wire mill
	Temirtau, Kazakhstan	1993	280 mill
	Liepaja, Latvia	1975 - 2007, 1993 - 2008	250/350 section mill
	Bekabad, Uzbekistan	1984, 1992 - 2007	300 light-section mill
	Artemovsk, Ukraine	1980, 1992, 1993	160x450 quarto mill, duo, quarto mills
	Krivoi Rog, Ukraine	1956 - 1977, 1993	250, 300 light-section mills, strip mill
	Makeevka, Ukraine	1960	250 wire mill
	Dalsbrug, Finland	1975	650/350 billet section mill
	"Zlatoust Metallurgical Works", Russia	1973	350/500 mill
	Izhstal, Russia	1978, 1994 - 2008	300 section mill
	"Serp i Molot", Moscow, Russia	1995	350 mill
	Evrazholding , ZSMK, Russia	1963 - 1976, 1994 - 2010	250 wire mill, 250 light-section mill, 450 section mill
	"Orsko- Khalilovo metallurgical plant", Russia	1970 - 1980	400, 250, 150 mill
	"Oskol Electro-Metallurgical Combine", Sary Oskol, Russia	2002 - 2007	350 medium section mill
	"Severstal", Cherepovets, Russia	1963 - 1990, 1994 - 2008, 2010	150 light-section mill, 250 light-section mill, 250 wire mill, 280 wire mill, 350 medium section mill

Name and diameter, mm	Location	Year	Plant or mill where OFB is installed
<b>OFB 300</b>	"Electrostal", Russia	1987, 2009, 2010	250/300 mill
<b>OFB 275</b>	Burgas, Bulgaria	1988	300 light-section mill
	Rybnitsa, Moldova	1986	250 light-section mill
	Adjaokuta, Nigeria	1984	250 light-section mill, 250 wire mill
	Bekabad, Uzbekistan	1984, 1992 - 2009	300 light-section mill
	Dneprodzerzhinsk, Ukraine	1971	350 mill
	Krivoi Rog, Ukraine	1956 - 1977, 1993	250, 300 light-section mills, strip mill
	"Amurstal", Komsomolsk-on-Amur, Russia	1987, 2008, 2010	250 light-section-wire mill
	"Serp i Molot", Moscow, Russia	1984	350 light-section mill
	Evrzholding , ZSMK, Russia	1963 - 1976, 1994 - 2010	250 wire mill, 250 light-section mill, 450 section mill
	"Novosibirsk Metallurgical Works named after Kuzmin", Russia	1968, 1994, 2010	425 cold rolling mill
	"Oskol Electro-Metallurgical Combine", Stary Oskol, Russia	1987, 2002 - 2007	350
	"Severstal", Cherepovets, Russia	1963 - 1990, 1994 - 2010	150 light-section mill, 250 light-section mill, 250 wire mill, 280 wire mill, 350 medium section mill
	"Kirov Works", Sankt Petersburg, "Petrostal" MP, Russia	1971, 1998, 2003, 2009	250, 350 mills
"Chelyabinsk Metallurgical Plant", Russia	1963 - 1982, 1994 - 2008	250 light-section mill, 250 wire mill	
<b>OFB 250</b>	Annaba, Algeria	1981, 1995	150 wire mill
	Kremikovtzi, Bulgaria	1970	250 light-section wire mill
	Brandenburg, Germany	1980	150 wire mill
	Kenigsdorf, Germany	1977	250 light-section mill
	Magdeburg, Germany	1992	light-section mill
	Bhilai, India	1967	250 mill
	Isfahan, Iran	1973, 1977	250/350 light-section wire mill, 300 light-section mill
	Temirtau, Kazakhstan	1993	280 mill
	Havana, Cuba	1977	250 mill
	Liepaja, Latvia	1975 - 2007, 1993 - 2008	350/250 section mill

Name and diameter, mm	Location	Year	Plant or mill where OFB is installed
<b>OFB 250</b>	Rybnitsa, Moldova	1986, 1993, 2008	250 light-section mill
	Adjaokuta, Nigeria	1984	250 light-section mill, 250 wire mill
	Iskanderun, Turkey	1976, 1977	250 light-section mill, 250 wire mill
	"Azovstal", Ukraine	1995 - 2002	250 mill
	Dneprodzerzhinsk, Ukraine	1971	350 mill
	Enakievo, Ukraine	1970, 1993	250/350 wire mill, 250 wire mill
	Krivoi Rog, Ukraine	1956 - 1977	250, 300 light-section mills, strip mill
	Ostrava, Czech Republic	1983	medium light section mill
	Trinec, Czech Republic	1970, 1992	300 light-section mill
	Zenica, Yugoslavia	1970	250 light-section mill
	"Beloretsk Metallurgical Plant", Russia	1975, 2007	180 wire mill
	"Volgograd Metallurgical Works "Krasny Oktyabr", Volgograd, Russia	1968	260 wire mill
	"Votkinsky Zavod", Russia	1992	280 mill
	Evrazholding , ZSMK, Russia	2005 - 2010	250 light-section mill, 350 medium section mill
	Izhstal, Russia	1978, 1994 - 2008	300 section mill
	"Kamensk Uralsky Metallurgical Works", Russia	1970	250 mill
	"Amurstal", Komsomolsk-on-Amur, Russia	1987, 2008, 2010	250 light section wire mill
	"Serp i Molot", Moscow, Russia	1995	350 mill
	"Oskol Electro-Metallurgical Combine", Sary Oskol, Russia	1987, 2002 - 2007	350 section mill
	"Petrovsk-Zabaikalsky metallurgical plant", Russia	1982	240 mill
"Kirov Works", Sankt Petersburg, "Petrostal" MP, Russia	1972, 2007, 2009	350 mill	
"Severstal", Cherepovets, Russia	1963 - 1990, 1994 - 2010	250 wire mill, 280 wire mill, 350 medium section mill	

Name and diameter, mm	Location	Year	Plant or mill where OFB is installed
<b>OFB 250</b>	"Electrostal", Russia	1987, 2009, 2010	250/300 mill
	"Chelyabinsk Metallurgical Plant", Russia	1963 - 1982, 1994 - 2008	250 light section mill, 250 wire mill, 1700 mill
<b>OFB 220</b>	Annaba, Algeria	1981, 1995	150 wire mill
	Burgas, Bulgaria	1988	300 wire mill
	Henningsdorf, Germany	1977	250 light section mill
	Magdeburg, Germany	1992	light section mill
	Bhilai, India	1967	250 mill
	Isfahan, Iran	1977	300 light section mill
	Temirtau, Kazakhstan	1993	280 mill
	Havana, Cuba	1977	250 mill
	Rybnitsa, Moldova	1986, 1993, 2008	250 light section mill
	Adjaokuta, Nigeria	1984	250 light section mill, 250 wire mill, 1700 mill
	Iskanderun, Turkey	1976	250 light section mill
	Bekabad, Uzbekistan	1984, 1992 - 2009	300 light section mill
	"Azovstal", Ukraine	1995 - 2002	250 mill
	Enakievo, Ukraine	1970	250/350 wire mill
	Zaporozhe, Ukraine	1995	280 mill
	Krivoi Rog, Ukraine	1992, 1956 - 1977, 1996, 1997, 1999	250, 300 light section mills, strip mill
	Makeevka, Ukraine	1960	250 wire mill
	Dalsbruk, Finland	1975	650/350 billet section mill
	Trinec, Czech Republic	1970, 1992	300 light section mill
	Zenica, Yugoslavia	1970	250 light section mill
	"Beloretsk Metallurgical Plant", Russia	1975, 2007	180 wire mill
	Evrzholding , ZSMK, Russia	1963 - 1976, 1994 - 2010	250 wire mill, 250 light section mill, 450 section mill, 350 medium section mill
	Izhstal, Russia	1978, 1994 - 2008	300 medium section mill
		2005 - 2007	350-250 mill
"Kamensk Uralsky Metallurgical Works", Russia	1970, 1995	250 mill	
"Amurstal", Komsomolsk-on-Amur, Russia	1987, 1994, 2008, 2010	250 light section wire mill	

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<b>OFB 220</b>	"Serp i Molot", Moscow, Russia	1994, 1995	350 mill
	Perm, Russia	1965	250 mill
	"Petrovsk-Zabaikalsky metallurgical plant", Russia	1982	240 mill
	"Severstal", Cherepovets, Russia	1963 - 1990, 1994 - 2010	250 wire mill, 280 wire mill, 350 medium section mill
	"Chelyabinsk Metallurgical Plant", Russia	1963 - 1982, 1994 - 2008, 2000 - 2007	250 light section wire mill, 250 wire mill
	"Electrostal", Russia	1987, 1994, 2009, 2010	250/300 mill
<b>OFB 200</b>	Kremikovtzi, Bulgaria	1970	250 light section wire mill
	Iskanderun, Turkey	1977	250 wire mill
<b>OFB 180</b>	Isfahan, Iran	1973	250/350 light section wire mill
	Qiqihar, China	1957	280 light section mill
	Havana, Cuba	1977	250 mill
	Liepaja, Latvia	1975 - 2007, 1993 - 2008	250/350 mill
	"Azovstal", Ukraine	1995 - 2002	250 mill
	Krivoi Rog, Ukraine	1993, 1995	250 mill
	Makeevka, Ukraine	1960	250 wire mill
	Evrzholding , ZSMK, Russia	2005-2007, 2009, 2010	250 light section mill, 350 medium section mill
	Izhstal, Russia	1994-2008	300 mill
	Perm, Russia	1965	250 mill
	"Severstal", Cherepovets, Russia	2002-2007, 2009, 2010	150 light section mill, 250 light section mill, 350 medium section mill
"Electrostal", Russia	1987, 2010	250/300 mill	
<b>OFB 140</b>	Iskanderun, Turkey	1977	250 wire mill
	Enakievo, Ukraine	1970, 1992	250/350 wire mill
	"Volgograd Metallurgical Works "Krasny Oktyabr", Volgograd, Russia	1968	260 wire mill
	"Kamensk Uralsky Metallurgical Works", Russia	1970, 1995	250 mill
	"Serp i Molot", Moscow, Russia	1984	350 light section mill
	Evrzholding , ZSMK, Russia	1963-1976, 1994-2008	250 wire mill, 250 light section mill, 450 section mill

Name and diameter, mm	Location	Year	Plant or mill where OFB is installed
<b>OFB 140</b>	"Severstal", Cherepovets, Russia	1963-1990, 1994-2009	150 light section mill, 250 light section mill, 250 wire mill, 280 wire mill, 350 medium section mill
	Bhilai, India	1967	250 mill
	Kremikovtzi, Bulgaria	1970	250 light section wire mill
<b>OFB 12" (238), 14" (276), 16" (314), 18" (356)</b>	Trinec, Czech Republic	2004-2010	light section mill



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