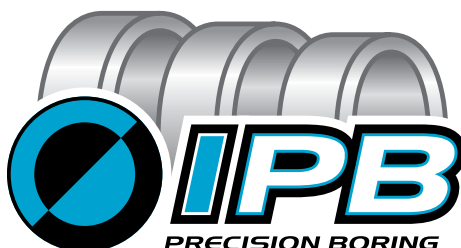


HOLEMAKING

Product Line Affected

D'Andrea Precision
Boring Products



Ingersoll Cutting Tools is pleased to introduce the **Ingersoll Precision Boring (IPB) System**, engineered to support a full range of roughing and finishing boring applications with exceptional precision. This comprehensive product line features a user-friendly modular connection designed to deliver superior versatility and consistent accuracy across operations.

Whether the goal is to improve operational efficiency, enhance machining performance, or simplify daily processes, the IPB system has been developed with the end user in mind.

KEY FEATURES OF THE IPB SYSTEM:

- Extensive arbor offerings, including HSK, CAT, MAS403-BT, and NMTB configurations
- Broad application range for rough and finish boring, covering diameters from Ø .098"-23.580"
- Modular extensions and reducers to accommodate a wide variety of bore depths
- Modular chucking solutions, including ER collet, side lock, and face mill drivers
- Full compatibility and interchangeability with the previous D'Andrea boring system
- Reliable performance supported by expert product knowledge and application assistance

This document provides a detailed, side-by-side comparison of components from the legacy boring system alongside their corresponding IPB equivalents. Each product series includes a scannable QR code linking directly to Ingersoll's e-catalog, where users can access comprehensive specifications and dimensional data.

For a complete overview of the full product offering, please refer to the IPB Product Landing Page.

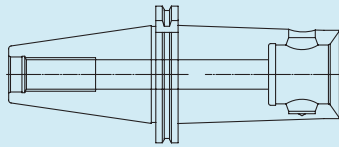
Scan/tap/
click for
info »



Table of Contents

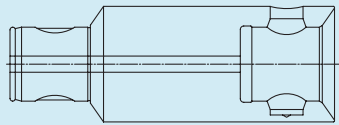
Phase Out

Phase In



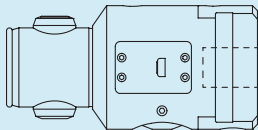
ARBORS & ADAPTORS

» DIN69871	4
» HSK-A.....	5
» PSC/Capto	5
» CAT.....	6
» MAS403-BT.....	7
» NMTB.....	8
» DIN2080	8
» Straight Shank - Steel	8
» Straight Shank - Carbide.....	9



EXTENSIONS & REDUCERS

» PR / XT Extension.....	10
» RD / RT Reducer.....	11
» Extended Reach Reducer.....	12
» Anti-Vibration Reducer	12



HEADS

» 2µm Fine Boring Heads	13
».0001" Fine Boring Heads.....	13
» Digital Finishing Head	14
» Roughing Heads.....	14



Note:

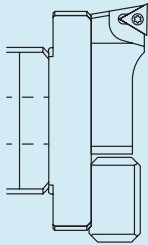
All "Phase In" tables in this document feature a QR code that can be **scanned** when printed or **clicked/tapped** when viewing digitally.

Table of Contents continues on next page »

Table of Contents

Phase Out

Phase In



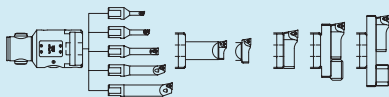
CARTRIDGES, BORING BARS, SLIDES

- » Standard Finishing Cartridges (C Type Inserts) [15](#)
- » Standard Finishing Cartridges (T Type Inserts) [15](#)
- » Backboring Finishing Cartridges [15](#)
- » Standard Roughing Cartridges [16](#)
- » 15° Roughing Cartridges [17](#)
- » Roughing Cartridges (T Type Inserts) [17](#)
- » Backboring Roughing Cartridges [17](#)
- » Boring Bars Finishing [18](#)
- » Boring Bars Finishing (Heavy Metal) ... [19](#)
- » Boring Bars Finishing (Carbide) [19](#)
- » Boring Bar Sleeve Finishing [19](#)
- » Dovetail Slides Finishing [20](#)
- » Dovetail Posts Finishing [20](#)
- » Extension for Cartridges [20](#)



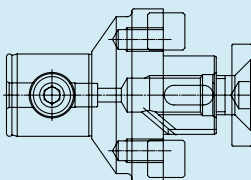
Note:

All "Phase In" tables in this document feature a QR code that can be **scanned** when printed or **clicked/tapped** when viewing digitally.



KITS

- » Analog Finishing Kits [21](#)
- » Digital Finishing Kits [21](#)



ACCESSORIES

- » Side Lock [22](#)
- » ER Collet [23](#)
- » Expanding Pin Coupling [23](#)
- » Face Mill Drivers [24](#)

Arbors & Adaptors • DIN69871

OLD / NEW ITEM NUMBERS

DIN69871 Phase Out		➡	IPB-DIN69871 Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541167	DIN69871-A30MHD50.60	➡	2941498	DIN69871-30-IPB50.60	
4507450	DIN69871-A40MHD40.45	➡	2941499	DIN69871-40-IPB40.45	
NA	DIN69871-A40MHD40.120	➡	2941500	DIN69871-40-IPB40.120	
4540795	DIN69871-A40MHD50.48	➡	2941501	DIN69871-40-IPB50.48	
3719374	DIN69871-AD40MHD50.120	➡	2941502	DIN69871-40-IPB50.120	
4540796	DIN69871-A40MHD63.80	➡	2941503	DIN69871-40-IPB63.80	
4540797	DIN69871-A50MHD50.48	➡	2941504	DIN69871-50-IPB50.48	
4541477	DIN69871-ADB50MHD50.120	➡	2941505	DIN69871-50-IPB50.120	
4540798	DIN69871-A50MHD63.56	➡	2941506	DIN69871-50-IPB63.56	
4541478	DIN69871-ADB50MHD63.150	➡	2941507	DIN69871-50-IPB63.150	
4540799	DIN69871-A50MHD80.62	➡	2941508	DIN69871-50-IPB80.62	
4541479	DIN69871-ADB50MHD80.180	➡	2941509	DIN69871-50-IPB80.180	
FC (Face Contact) DIN69871 AD Phase Out		➡	IPB-DIN69871_FC (Face Contact) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3719409	DIN69871-AD40FCMHD50.48	➡	2941510	DIN69871-40-FC-IPB50.48	
3719410	DIN69871-AD40FCMHD50.120	➡	2941511	DIN69871-40-FC-IPB50.120	
NA	DIN69871-AD40FCMHD63.56	➡	2941512	DIN69871-40-FC-IPB63.56	
3719412	DIN69871-AD50FCMHD50.48	➡	2941513	DIN69871-50-FC-IPB50.48	
3719414	DIN69871-AD50FCMHD50.120	➡	2941514	DIN69871-50-FC-IPB50.120	
3719417	DIN69871-AD50FCMHD63.56	➡	2941515	DIN69871-50-FC-IPB63.56	
3719418	DIN69871-AD50FCMHD63.150	➡	2941516	DIN69871-50-FC-IPB63.150	
3719420	DIN69871-AD50FCMHD80.62	➡	2941517	DIN69871-50-FC-IPB80.62	
3719421	DIN69871-AD50FCMHD80.180	➡	2941518	DIN69871-50-FC-IPB80.180	

Arbors & Adaptors (continued) • HSK-A

OLD / NEW ITEM NUMBERS

HSK-A DIN 69893 Phase Out		➡	IPB-HSK-A (DIN 69893) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4506768	HSK-A40MHD32.48	➡	2941895	HSK-A40-IPB32.48	
4540794	HSK-A50MHD50.66	➡	2941896	HSK-A50-IPB50.66	
4543377	HSK-A63MHD40.60	➡	2941897	HSK-A63-IPB40.60	
4543378	HSK-A63MHD40.120	➡	2941898	HSK-A63-IPB40.120	
4541158	HSK-A63MHD50.66	➡	2941899	HSK-A63-IPB50.66	
4541472	HSK-A63MHD50.120	➡	2941900	HSK-A63-IPB50.120	
4541159	HSK-A63MHD63.75	➡	2941901	HSK-A63-IPB63.75	
4541160	HSK-A80MHD50.70	➡	2941902	HSK-A80-IPB50.70	
4541161	HSK-A80MHD63.80	➡	2941903	HSK-A80-IPB63.80	
4541162	HSK-A80MHD80.86	➡	2941904	HSK-A80-IPB80.86	
4541163	HSK-A100MHD50.72	➡	2941905	HSK-A100-IPB50.72	
4541473	HSK-A100MHD50.120	➡	2941906	HSK-A100-IPB50.120	
4541164	HSK-A100MHD63.82	➡	2941907	HSK-A100-IPB63.82	
4541474	HSK-A100MHD63.150	➡	2941908	HSK-A100-IPB63.150	
4541165	HSK-A100MHD80.88	➡	2941909	HSK-A100-IPB80.88	
4541475	HSK-A100MHD80.180	➡	2941910	HSK-A100-IPB80.180	

Arbors & Adaptors (continued) • PSC/Capto

OLD / NEW ITEM NUMBERS

PSC_MHD Phase Out		➡	IPB-PSC (ISO26623-1) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4508236	PSC40-MHD32.42	➡	2941519	C4-IPB32.42	
4508237	PSC50-MHD50.55	➡	2941520	C5-IPB50.55	
4508239	PSC63-MHD40.120	➡	2941521	C6-IPB40.120	
4508238	PSC63-MHD40.50	➡	2941522	C6-IPB40.50	
4508241	PSC63-MHD50.120	➡	2941523	C6-IPB50.120	
5884622	PSC63-MHD50.55	➡	2941524	C6-IPB50.55	
4508240	PSC63-MHD50.67	➡	2941525	C6-IPB50.67	
4508242	PSC63-MHD63.77	➡	2941526	C6-IPB63.77	
4508243	PSC80-MHD50.60	➡	2941527	C8-IPB50.60	
4508244	PSC80-MHD50.120	➡	2941528	C8-IPB50.125	
4508245	PSC80-MHD63.70	➡	2941529	C8-IPB63.70	
4508246	PSC80-MHD63.150	➡	2941530	C8-IPB63.150	
4508247	PSC80-MHD80.75	➡	2941531	C8-IPB80.75	

Arbors & Adaptors (continued) • CAT

OLD / NEW ITEM NUMBERS

ANSI/CAT MHD Phase Out		➡	IPB-ANSI/CAT Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541190	ANSI/CAT40MHD50.66	➡	2941532	ANSI/CAT40-IPB50.66	
4541191	ANSI/CAT40MHD63.100	➡	2941533	ANSI/CAT40-IPB63.100	
NA	ANSI/CAT40MHD50.48	➡	2941534	ANSI/CAT45-IPB50.48	
4541195	ANSI/CAT50MHD50.48	➡	2941535	ANSI/CAT50-IPB50.48	
4541197	ANSI/CAT50MHD80.62	➡	2941536	ANSI/CAT50-IPB80.62	
CAT_UNCMHD Phase Out		➡	IPB-CAT_UNC Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541198	CAT40UNCMHD50.66	➡	2941537	CAT40UNC-IPB50.66	
4541484	CAT40UNCMHD50.120	➡	2941538	CAT40UNC-IPB50.120	
4541199	CAT40UNCMHD63.100	➡	2941539	CAT40UNC-IPB63.100	
4541200	CAT45UNCMHD50.48	➡	2941540	CAT45UNC-IPB50.48	
4541203	CAT50UNCMHD50.48	➡	2941541	CAT50UNC-IPB50.48	
4541485	CAT50UNCMHD50.120	➡	2941542	CAT50UNC-IPB50.120	
4541204	CAT50UNCMHD63.56	➡	2941543	CAT50UNC-IPB63.56	
4541486	CAT50UNCMHD63.150	➡	2941544	CAT50UNC-IPB63.150	
4541205	CAT50UNCMHD80.62	➡	2941545	CAT50UNC-IPB80.62	
4541487	CAT50UNCMHD80.180	➡	2941546	CAT50UNC-IPB80.180	
CAT_UNCFCMHD Phase Out		➡	IPB-CAT_UNC_FC (Face Contact) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
2934240	CAT40UNCFCADMHD50.66	➡	2941547	CAT40UNC-FC-IPB50.66	
2934241	CAT40UNCFCADMHD50.120	➡	2941548	CAT40UNC-FC-IPB50.120	
2934243	CAT50UNCFCADMHD50.48	➡	2941549	CAT50UNC-FC-IPB50.48	
2934247	CAT50UNCFCADMHD63.56	➡	2941550	CAT50UNC-FC-IPB63.56	
2934250	CAT50UNCFCADMHD80.62	➡	2941551	CAT50UNC-FC-IPB80.62	

Arbors & Adaptors (continued) • MAS403-BT

OLD / NEW ITEM NUMBERS

MAS 403 BT Phase Out		➡	IPB-MAS403-BT Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541180	MAS403-BT30MHD50.60	➡	2941552	MAS403-BT30-IPB50.60	
4507464	MAS403-BT40MHD40.45	➡	2941553	MAS403-BT40-IPB40.45	
NA	MAS403-BT40MHD40.120	➡	2941554	MAS403-BT40-IPB40.120	
4540800	MAS403-BT40MHD50.48	➡	2941555	MAS403-BT40-IPB50.48	
NA	MAS403-BT40MHD50.120	➡	2941556	MAS403-BT40-IPB50.120	
4540801	MAS403-BT40MHD63.66	➡	2941557	MAS403-BT40-IPB63.66	
4541182	MAS403-BT45MHD50.62	➡	2941558	MAS403-BT45-IPB50.62	
4540802	MAS403-BT50MHD50.66	➡	2941559	MAS403-BT50-IPB50.66	
NA	MAS403-BT50MHD50.120	➡	2941560	MAS403-BT50-IPB50.120	
4543407	MAS403-BT50MHD63.50	➡	2941561	MAS403-BT50-IPB63.50	
NA	MAS403-BT50MHD63.150	➡	2941562	MAS403-BT50-IPB63.150	
4540804	MAS403-BT50MHD80.75	➡	2941563	MAS403-BT50-IPB80.75	
NA	MAS403-BT50MHD80.180	➡	2941564	MAS403-BT50-IPB80.180	
MAS 403 BT FC (Face Contact) AD Phase Out		➡	IPB-MAS403-BT_FC (Face Contact) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4508271	MAS403-BT40FCADBMHD50.48	➡	2941567	MAS403-BT40-FC-IPB50.48	
4508272	MAS403-BT40FCADBMHD50.120	➡	2941568	MAS403-BT40-FC-IPB50.120	
2904547	MAS403-BT40FCADBMHD63.66	➡	2941569	MAS403-BT40-FC-IPB63.66	
2904548	MAS403-BT50FCADBMHD50.66	➡	2941570	MAS403-BT50-FC-IPB50.66	
2904549	MAS403-BT50FCADBMHD63.75	➡	2941571	MAS403-BT50-FC-IPB63.75	
2904554	MAS403-BT50FCADBMHD63.150	➡	2941572	MAS403-BT50-FC-IPB63.150	
2904550	MAS403-BT50FCADBMHD80.75	➡	2941573	MAS403-BT50-FC-IPB80.75	
2904556	MAS403-BT50FCADBMHD80.180	➡	2941574	MAS403-BT50-FC-IPB80.180	

Arbors & Adaptors (continued) • NMTB

OLD / NEW ITEM NUMBERS

NMTB 40,50 MHD Phase Out		➡	IPB-NMTB Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541213	NMTB40MHD50.48	➡	2941575	NMTB40-IPB50.48	
4541214	NMTB40MHD63.60	➡	2941576	NMTB40-IPB63.60	
4541215	NMTB50MHD50.48	➡	2941577	NMTB50-IPB50.48	
4541216	NMTB50MHD63.56	➡	2941578	NMTB50-IPB63.56	
4541217	NMTB50MHD80.60	➡	2941579	NMTB50-IPB80.60	

Arbors & Adaptors (continued) • DIN2080

OLD / NEW ITEM NUMBERS

DIN 2080-A Phase Out		➡	IPB-DIN2080-A Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541206	DIN2080-A30MHD50.58	➡	2941580	DIN2080-A30-IPB50.58	
4540805	DIN2080-A40MHD50.48	➡	2941581	DIN2080-A40-IPB50.48	
4541207	DIN2080-A40MHD63.60	➡	2941582	DIN2080-A40-IPB63.60	
4541208	DIN2080-A45MHD50.48	➡	2941583	DIN2080-A45-IPB50.48	
4540806	DIN2080-A50MHD50.48	➡	2941584	DIN2080-A50-IPB50.48	
4541211	DIN2080-A50MHD63.56	➡	2941585	DIN2080-A50-IPB63.56	
4541212	DIN2080-A50MHD80.60	➡	2941586	DIN2080-A50-IPB80.60	

Arbors & Adaptors (continued) • Straight Shank - Steel

OLD / NEW ITEM NUMBERS

BR Phase Out		➡	IPB-SS -Straight Shank Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541224	BR16/16.100	➡	2941587	SS-16-IPB16.100	
4541225	BR20/20.125	➡	2941588	SS-20-IPB20.125	
4541226	BR25/32.35	➡	2941589	SS-32-IPB25.35	
4541228	BR32/50.60	➡	2941590	SS-32-IPB50.60	
4541227	BR1-32.35	➡	2941591	SS-1-IPB32.35	
4541229	BR1-1/4-50.60	➡	2941592	SS-1.25-IPB50.60	

Arbors & Adaptors (continued) • Straight Shank - Carbide

OLD / NEW ITEM NUMBERS

BMD-Carbide Shank (metric) Phase Out		➡	IPB-SE-Carbide Shank (metric) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541488	BMD16/16.110	➡	2941593	SE-16-IPB16.110	
4541489	BMD16/16.140	➡	2941594	SE-16-IPB16.140	
4541490	BMD16/16.170	➡	2941595	SE-16-IPB16.170	
4541491	BMD20/20.135	➡	2941596	SE-20-IPB20.135	
4541492	BMD20/20.170	➡	2941597	SE-20-IPB20.170	
4541493	BMD20/20.210	➡	2941598	SE-20-IPB20.210	
4541494	BMD25/25.160	➡	2941599	SE-25-IPB25.160	
4541495	BMD25/25.205	➡	2941600	SE-25-IPB25.205	
4541496	BMD25/25.255	➡	2941601	SE-25-IPB25.255	
4541497	BMD32/32.195	➡	2941602	SE-32-IPB32.195	
4541498	BMD32/32.250	➡	2941603	SE-32-IPB32.250	
4541499	BMD32/32.315	➡	2941604	SE-32-IPB32.315	
BMD-Carbide Shank (inch) Phase Out		➡	IPB-SE-Carbide Shank (inch) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541500	BMD5/8-16.110	➡	2941605	SE-5/8-IPB16.110	
4541501	BMD5/8-16.140	➡	2941606	SE-5/8-IPB16.140	
4541502	BMD5/8-16.170	➡	2941607	SE-5/8-IPB16.170	
4541503	BMD3/4-20.135	➡	2941608	SE-3/4-IPB20.135	
4541504	BMD3/4-20.170	➡	2941609	SE-3/4-IPB20.170	
4541505	BMD3/4-20.210	➡	2941610	SE-3/4-IPB20.210	
4541506	BMD1-25.160	➡	2941611	SE-1-IPB25.160	
4541507	BMD1-25.205	➡	2941612	SE-1-IPB25.205	
4541508	BMD1-25.255	➡	2941613	SE-1-IPB25.255	
4541509	BMD11/4-32.195	➡	2941614	SE-1-1/4-IPB32.195	
4541510	BMD11/4-32.250	➡	2941615	SE1-1/4-IPB32.250	
4541511	BMD11/4-32.315	➡	2941616	SE1-1/4-IPB32.315	

Extensions & Reducers

OLD / NEW ITEM NUMBERS

PR - Extension Phase Out		➡	IPB-XT - Extension Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4540807	PR16.25	➡	2941620	IPB16-XT-25	
4540808	PR20.32	➡	2941621	IPB20-XT-32	
4540809	PR25.25	➡	2941622	IPB25-XT-25	
4540810	PR25.40	➡	2941623	IPB25-XT-40	
4540811	PR32.32	➡	2941624	IPB32-XT-32	
4540812	PR32.50	➡	2941625	IPB32-XT-50	
4540813	PR40.40	➡	2941626	IPB40-XT-40	
4540814	PR40.63	➡	2941627	IPB40-XT-63	
4540815	PR50.50	➡	2941628	IPB50-XT-50	
4540816	PR50.80	➡	2941629	IPB50-XT-80	
4540817	PR50.100	➡	2941630	IPB50-XT-100	
4540818	PR63.63	➡	2941631	IPB63-XT-63	
4540819	PR63.100	➡	2941632	IPB63-XT-100	
4540820	PR63.125	➡	2941633	IPB63-XT-125	
4540821	PR80.80	➡	2941634	IPB80-XT-80	
4540822	PR80.125	➡	2941635	IPB80-XT-125	
4540823	PR80.160	➡	2941636	IPB80-XT-160	

Extensions & Reducers *(continued)*

OLD / NEW ITEM NUMBERS

RD - Reducer Phase Out		➡	IPB-RT - Reducer Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541237	RD20/16.20	➡	2941637	IPB20-RT16-20	
4541238	RD25/16.20	➡	2941638	IPB25-RT16-20	
4541239	RD25/20.25	➡	2941639	IPB25-RT20-25	
4541240	RD32/16.24	➡	2941640	IPB32-RT16-24	
4541241	RD32/20.25	➡	2941641	IPB32-RT20-25	
4541242	RD32/25.28	➡	2941642	IPB32-RT25-28	
4541243	RD40/16.24	➡	2941643	IPB40-RT16-24	
4541244	RD40/20.26	➡	2941644	IPB40-RT20-26	
4541245	RD40/25.28	➡	2941645	IPB40-RT25-28	
4541246	RD40/32.32	➡	2941646	IPB40-RT32-32	
4540824	RD50/16.24	➡	2941647	IPB50-RT16-24	
4540825	RD50/20.26	➡	2941650	IPB50-RT20-26	
4540826	RD50/25.28	➡	2941654	IPB50-RT25-28	
4540827	RD50/32.32	➡	2941657	IPB50-RT32-32	
4540828	RD50/40.36	➡	2941659	IPB50-RT40-36	
4540829	RD63/50.40	➡	2941661	IPB63-RT50-40	
4543063	RD80/50.45	➡	2941662	IPB80-RT50-45	
4540830	RD80/63.60	➡	2941663	IPB80-RT63-60	

Extensions & Reducers (continued) • Extended Reach Reducer

OLD / NEW ITEM NUMBERS

RD- Extended Reach Phase Out		➡	IPB-RT - Extended Reach Reducer Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4540831	RD50/16.40	➡	2941648	IPB50-RT16-40	
4541247	RD50/16.74	➡	2941649	IPB50-RT16-74	
4540832	RD50/20.70	➡	2941651	IPB50-RT20-70	
4541248	RD50/20.93	➡	2941652	IPB50-RT20-93	
4540833	RD50/25.87	➡	2942091	IPB50-RT25-87	
4541249	RD50/25.117	➡	2941653	IPB50-RT25-117	
4540834	RD50/32.87	➡	2941655	IPB50-RT32-87	
4541250	RD50/32.144	➡	2941656	IPB50-RT32-144	
4540835	RD50/40.87	➡	2941660	IPB50-RT40-87	
4541251	RD50/40.176	➡	2941658	IPB50-RT40-176	

Extensions & Reducers (continued) • Anti-Vibration Reducer

OLD / NEW ITEM NUMBERS

RAV - Vibration-Dampening Reducer Phase Out		➡	IPB-ART - Vibration Dampened Reducer Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4540836	RAV50/16.74	➡	2941667	IPB50-ART16-74	
4540837	RAV50/20.93	➡	2941668	IPB50-ART20-93	
4540838	RAV50/25.117	➡	2941669	IPB50-ART25-117	
4540839	RAV50/32.144	➡	2941670	IPB50-ART32-144	
4540840	RAV50/40.176	➡	2941664	IPB50-ART40-176	
4541252	RAV63/50.220	➡	2941665	IPB63-ART50-220	
4541253	RAV80/63.280	➡	2941666	IPB80-ART63-280	

Heads • 2µm Fine Boring Heads

OLD / NEW ITEM NUMBERS

TRM - Finish Boring Head Phase Out		➡	IPB-AFH (metric) - Analog Finish Boring Head Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240066	TRM16	➡	2941722	AFH-IPB16-16	
3240067	TRM20	➡	2941723	AFH-IPB20-20	
3240068	TRM25	➡	2941724	AFH-IPB25-25	
3240069	TRM32	➡	2941725	AFH-IPB32-32	
3240070	TRM40	➡	2941726	AFH-IPB40-40	
3240071	TRM50	➡	2941727	AFH-IPB50-50	
3240072	TRM50/63	➡	2941778	AFH-IPB50-63	
3240074	TRM50/80	➡	2941779	AFH-IPB50-80	
3240073	TRM63/63	➡	2941780	AFH-IPB63-63	
3240075	TRM80/80	➡	2941781	AFH-IPB80-80	
3240076	TRM80/125	➡	2941782	AFH-IPB80-125	

Heads • .0001" Fine Boring Heads

OLD / NEW ITEM NUMBERS

TRM - Finish Boring Head Phase Out		➡	IPB-AFH (inch) - Analog Finish Boring Head Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240178	TRM16INCH	➡	2941728	AFH-IPB16-16-INCH	
3240179	TRM20INCH	➡	2941729	AFH-IPB20-20-INCH	
3240180	TRM25INCH	➡	2941730	AFH-IPB25-25-INCH	
3240181	TRM32INCH	➡	2941731	AFH-IPB32-32-INCH	
3240182	TRM40INCH	➡	2941732	AFH-IPB40-40-INCH	
3240183	TRM50INCH	➡	2941733	AFH-IPB50-50-INCH	
3240202	TRM50/63INCH	➡	2941783	AFH-IPB50-63-INCH	
3240204	TRM50/80INCH	➡	2941784	AFH-IPB50-80-INCH	
3240203	TRM63/63INCH	➡	2941785	AFH-IPB63-63-INCH	
3240205	TRM80/80INCH	➡	2941786	AFH-IPB80-80-INCH	
3240206	TRM80/125INCH	➡	2941787	AFH-IPB80-125-INCH	

Heads (*continued*) • Digital Finishing Heads

OLD / NEW ITEM NUMBERS

TRE-69K - Digital Fine Boring Head Phase Out		➡	IPB-DFH - Digital Finish Boring Head Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
2925576	TRE50-69K	➡	2941777	DFH-IPB50-69K	

Heads (*continued*) • Roughing Heads

OLD / NEW ITEM NUMBERS

TS - Double Bit Roughing Head Phase Out		➡	IPB-RH - Rough Boring Head Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240006	TS16/16	➡	2941825	RH-IPB16-16	
3240007	TS20/20	➡	2941826	RH-IPB20-20	
3719820	TS25/25	➡	2941827	RH-IPB25-25	
3719821	TS32/32	➡	2941828	RH-IPB32-32	
3719822	TS40/40	➡	2941829	RH-IPB40-40	
3719823	TS50/50	➡	2941830	RH-IPB50-50	
3719824	TS50/63	➡	2941831	RH-IPB50-63	
3719825	TS63/63	➡	2941832	RH-IPB63-63	
3819826	TS80/80	➡	2941833	RH-IPB80-80	

Cartridges, Boring Bars, Slides • Standard Finishing Cartridges (C Type Inserts)

OLD / NEW ITEM NUMBERS

SFCC - Finish Cartridge Phase Out		➡	IPB-FH_SCGC - Finish Cartridge Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240086	SFCC16	➡	2941734	FH-SCGC-06-16-IPB	
3240087	SFCC20	➡	2941735	FH-SCGC-06-20-IPB	
3240088	SFCC25	➡	2941736	FH-SCGC-06-25-IPB	
3240089	SFCC32	➡	2941737	FH-SCGC-06-32-IPB	
3240090	SFCC40	➡	2941738	FH-SCGC-09-40-IPB	
3240091	SFCC50	➡	2941739	FH-SCGC-09-50-IPB	
3095003	SFCC51	➡	2941740	FH-SCGC-12-51-IPB	

Cartridges, Boring Bars, Slides • Standard Finishing Cartridges (T Type Inserts)

OLD / NEW ITEM NUMBERS

SFTP - Finish Cartridge Phase Out		➡	IPB-FH-STGP - Finish Cartridge Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240032	SFTP25	➡	2941741	FH-STGP-09-25-IPB	
3240034	SFTP32	➡	2941742	FH-STGP-09-32-IPB	
3240084	SFTP40	➡	2941743	FH-STGP-11-40-IPB	
3240085	SFTP50	➡	2941744	FH-STGP-11-50-IPB	

Cartridges, Boring Bars, Slides (cont.) • Backboring Finishing Cartridges

OLD / NEW ITEM NUMBERS

SSQC - Back Bore Cartridge Phase Out		➡	IPB-FH_SCXC - Back Bore Cartridge Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240608	SFQC16	➡	2941745	FH-SCXC-06-16-IPB	
3240609	SFQC20	➡	2941746	FH-SCXC-06-20-IPB	
3240610	SFQC25	➡	2941747	FH-SCXC-06-25-IPB	
3240611	SFQC32	➡	2941748	FH-SCXC-06-32-IPB	
3240612	SFQC40	➡	2941749	FH-SCXC-09-40-IPB	
3240613	SFQC50	➡	2941750	FH-SCXC-09-50-IPB	

Cartridges, Boring Bars, Slides (cont.) • Standard Roughing Cartridges

OLD / NEW ITEM NUMBERS

SSCC - Roughing Cartridge Phase Out		➡	IPB-SCG_ - Rough Cartridge Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240018	SSCC16	➡	2941834	SCGC-06-16-IPB	
3240019	SSCC20	➡	2941835	SCGC-06-20-IPB	
3240020	SSCC25	➡	2941836	SCGC-06-25-IPB	
3240022	SSCC32	➡	2941837	SCGC-06-32-IPB	
3240021	SSCC33	➡	2941838	SCGC-09-33-IPB	
3240023	SSCC40	➡	2941839	SCGC-09-40-IPB	
3240024	SSCC41	➡	2941840	SCGC-12-41-IPB	
3240025	SSCC50	➡	2941841	SCGC-12-50-IPB	
3240026	SSCC63	➡	2941842	SCGC-12-63-IPB	
3240027	SSCC80	➡	2941843	SCGC-12-80-IPB	
3240028	SSCC90	➡	2941844	SCGC-12-90-IPB	
3242636	SSCN95	➡	2941845	SCGN-19-95-IPB	
SMCC - Roughing Cartridge Phase Out		➡	IPB-SCGC_RH - Rough Cartridge Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240029	SMCC25	➡	2941846	SCGC-06-25-IPB-RH	
3240129	SMCC32	➡	2941847	SCGC-06-32-IPB-RH	
3240030	SMCC33	➡	2941848	SCGC-09-33-IPB-RH	
3240130	SMCC40	➡	2941849	SCGC-09-40-IPB-RH	
3240031	SMCC41	➡	2941850	SCGC-12-41-IPB-RH	
3240033	SMCC50	➡	2941851	SCGC-12-50-IPB-RH	
3240035	SMCC63	➡	2941852	SCGC-12-63-IPB-RH	
3240036	SMCC80	➡	2941853	SCGC-12-80-IPB-RH	
3240037	SMCC90	➡	2941854	SCGC-12-90-IPB-RH	

Cartridges, Boring Bars, Slides (cont.) • 15° Roughing Cartridges

OLD / NEW ITEM NUMBERS

SSSC - Rough Cartridge Phase Out		➡	IPB-SSR_ - 75° Rough Cartridge Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240038	SSSC32	➡	2941855	SSRC-09-32-IPB	
3240039	SSSC40	➡	2941856	SSRC-09-40-IPB	
3240040	SSSC50	➡	2941857	SSRC-12-50-IPB	
3240041	SSSC63	➡	2941858	SSRC-12-63-IPB	
3240042	SSSC80	➡	2941859	SSRC-12-80-IPB	
3240043	SSSC90	➡	2941860	SSRC-12-90-IPB	
3212637	SSSN95	➡	2941861	SSRN-19-90-IPB	

Cartridges, Boring Bars, Slides (cont.) • Roughing Cartridges (T Type Inserts)

OLD / NEW ITEM NUMBERS

SSTC - Rough Cartridge Phase Out		➡	IPB-STG_ - Rough Cartridge Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240131	SSTC63	➡	2941862	STGC-22-63-IPB	
3240132	SSTC80	➡	2941863	STGC-22-80-IPB	
3240133	SSTC90	➡	2941864	STGC-22-90-IPB	

Cartridges, Boring Bars, Slides (cont.) • Backboring Roughing Cartridges

OLD / NEW ITEM NUMBERS

SSQC - Back Bore Cartridge Phase Out		➡	IPB-SCXC - Backbore Rough Cartridge Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240614	SSQC16	➡	2941865	SCXC-06-16-IPB	
3240615	SSQC20	➡	2941866	SCXC-06-20-IPB	
3240616	SSQC25	➡	2941867	SCXC-06-25-IPB	
3240617	SSQC33	➡	2941868	SCXC-09-32-IPB	
3240618	SSQC41	➡	2941869	SCXC-12-40-IPB	
3240619	SSQC50	➡	2941870	SCXC-12-50-IPB	
3240621	SSQC80	➡	2941871	SCXC-12-80-IPB	

Cartridges, Boring Bars, Slides (cont.) • Boring Bars Finishing

OLD / NEW ITEM NUMBERS

B1 - Carbide Boring Bar Phase Out		➡	IPB-5X - Small Diameter Carbide Boring Bar Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240046	B1.02	➡	2941751	IPB-5X-E2.5-4-8	
3240047	B1.04	➡	2941752	IPB-5X-E4-6-8	
B1 - Steel Boring Bar Phase Out		➡	IPB-3X - Steel Boring Bar (8 mm Shank) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240048	B1.06	➡	2941754	IPB-3X-A6-8-W02-8	
3240049	B1.08	➡	2941756	IPB-3X-A8-10-W02-8	
3240050	B1.10	➡	2941758	IPB-3X-A10-12-T09-8	
B3 - Steel Boring Bar Phase Out		➡	IPB-3X - Steel Boring Bar Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240051	B3.06	➡	2941753	IPB-3X-A6-8-W02	
3240052	B3.08	➡	2941755	IPB-3X-A8-10-W02	
3240053	B3.10	➡	2941757	IPB-3X-A10-12-T09	
3240054	B3.11	➡	2941759	IPB-3X-A11-13-T09	
3240055	B3.12	➡	2941760	IPB-3X-A12-14-T09	
3240056	B3.14	➡	2941761	IPB-3X-A14-16-T09	
3240057	B3.16	➡	2941762	IPB-3X-A16-18-T09	
3240058	B3.18	➡	2941763	IPB-3X-A18-22-T09	
3240059	B3.22	➡	2941764	IPB-3X-A22-30-T09	

Cartridges, Boring Bars, Slides (cont.) • Boring Bars Finishing (Heavy Metal)

OLD / NEW ITEM NUMBERS

B5 - Heavy Metal Boring Bar Phase Out		➡	IPB-5X - Heavy Metal Boring Bar Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240060	B5.06	➡	2941765	IPB-5X-H6-8-W02	
3240061	B5.08	➡	2941766	IPB-5X-H8-10-W02	
3240062	B5.10	➡	2941767	IPB-5X-H10-12-T09	
3240063	B5.12	➡	2941768	IPB-5X-H12-14-T09	
3240064	B5.14	➡	2941769	IPB-5X-H14-16-T09	
3240065	B5.16	➡	2941770	IPB-5X-H16-18-T09	

Cartridges, Boring Bars, Slides (cont.) • Boring Bars Finishing (Carbide)

OLD / NEW ITEM NUMBERS

B8 - Carbide Boring Bar Phase Out		➡	IPB-8X - Carbide Boring Bar Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240172	B8.06	➡	2941771	IPB-8X-E6-8-W02	
3240173	B8.08	➡	2941772	IPB-8X-E8-10-W02	
3240174	B8.10	➡	2941773	IPB-8X-E10-12-T09	
3240175	B8.12	➡	2941774	IPB-8X-E12-14-T09	
3240176	B8.14	➡	2941775	IPB-8X-E14-16-T09	
3240177	B8.16	➡	2941776	IPB-8X-E16-18-T09	

Cartridges, Boring Bars, Slides (cont.) • Boring Bar Sleeve Finishing

OLD / NEW ITEM NUMBERS

P20.30 Phase Out		➡	IPB-FH_SLV Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240224	P20.30	➡	2941788	FH-SLV-30-16	

Cartridges, Boring Bars, Slides (cont.) • Dovetail Slides Finishing

OLD / NEW ITEM NUMBERS

PS1x.xx - Slide for TRM Phase Out		➡	IPB-FH_SLD for AFH/AFHE (Dovetail) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240077	PS11.30	➡	2941789	FH-SLD-30-75	
3240078	PS12.30	➡	2941790	FH-SLD-30-93	
3240079	PS13.30	➡	2941791	FH-SLD-30-135	
3240080	PS11.40	➡	2941792	FH-SLD-40-133	
3240081	PS12.40	➡	2941793	FH-SLD-40-200	
3240082	PS13.40	➡	2941794	FH-SLD-40-300	
3240083	PS14.40	➡	2941795	FH-SLD-40-400	

Cartridges, Boring Bars, Slides (cont.) • Dovetail Posts Finishing

OLD / NEW ITEM NUMBERS

P0x.xx Holders for TRM Phase Out		➡	IPB-FH_SLDE for AFH/AFHE (Dovetail) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240217	P02.30	➡	2941796	FH-SLDE-30-40	
3240218	P03.30	➡	2941797	FH-SLDE-30-70	
3240219	P04.30	➡	2941798	FH-SLDE-30-115	
3240220	P02.40	➡	2941799	FH-SLDE-40-69	
3240221	P03.40	➡	2941800	FH-SLDE-40-114	
3240222	P04.40	➡	2941801	FH-SLDE-40-189	

Cartridges, Boring Bars, Slides (cont.) • Extension for Cartridges

OLD / NEW ITEM NUMBERS

P25 Phase Out		➡	IPB-FH_SLB Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240223	P25.63	➡	2941818	FH-SLB-16-53	
3240402	P25.105	➡	2941819	FH-SLB-16-95	
PS3x.xx - Slide Phase Out		➡	IPB-FH_SLD (Serrated) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3241064	PS31.24	➡	2941820	FH-SLD-24-75	
3241066	PS32.24	➡	2941821	FH-SLD-24-100	
3241065	PS31.28	➡	2941822	FH-SLD-28-80	
3241066	PS32.28	➡	2941823	FH-SLD-28-108	
3241067	PS33.28	➡	2941824	FH-SLD-28-148	

Kits • Analog Finishing

OLD / NEW ITEM NUMBERS

K01 TRM 50 Phase Out		➡	IPB-KIT_AFH50 Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3726901	K01TRM50	➡	2941872	KIT AFH-IPB50-50	
2937105	K01TRM50INCH	➡	2941878	KIT AFH-IPB50-50 INCH	
K01 TRM 50/63 - K01 TRM 63/63 Phase Out		➡	IPB-KIT_AFH50/63-KIT_AFH63/63 Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3726902	K01TRM50/63	➡	2941873	KIT AHF-IPB50-63	
3726903	K01TRM63/63	➡	2941875	KIT AFH-IPB63-63	
2937106	K01TRM50/63 INCH	➡	2941879	KIT AHF-IPB50-63 INCH	
2937107	K01TRM63/63 INCH	➡	2941881	KIT AFH-IPB63-63 INCH	
K01 TRMTRM50/80 - K01 TRM 80/80 Phase Out		➡	IPB-KIT_AFH50/80-KIT_AFH80/80 Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240097	K01TRM50/80	➡	2941874	KIT AFH-IPB50-80	
3240098	K01TRM80/80	➡	2941876	KIT AFH-IPB80-80	
3240212	K01TRM50/80 INCH	➡	2941880	KIT AFH-IPB50-80 INCH	
3240213	K01TRM80/80 INCH	➡	2941882	KIT AFH-IPB80-80 INCH	
K03 (TRM 80/125) Phase Out		➡	IPB-KIT_AFH80/125 Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3240214	K03TRM80/125	➡	2941877	KIT AHF-IPB80-125	

Kits • Digital Finishing

OLD / NEW ITEM NUMBERS

K01 TRE50-IP69K Phase Out		➡	IPB-KIT_DFH Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
3728030	K01TRE50-IP69K	➡	2941883	KIT DFH-IPB50-50-69K	

Accessories • Side Lock

OLD / NEW ITEM NUMBERS

AW (metric) Phase Out		➡	IPB-WEL - Side Lock (metric) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
NA	AW50/6	➡	2941671	IPB50-WEL-6	
4541265	AW50/8	➡	2941672	IPB50-WEL-8	
4541266	AW50/10	➡	2941673	IPB50-WEL-10	
4540844	AW50/12	➡	2941674	IPB50-WEL-12	
4541267	AW50/14	➡	2941675	IPB50-WEL-14	
4540845	AW50/16	➡	2941676	IPB50-WEL-16	
4541268	AW50/20	➡	2941677	IPB50-WEL-20	
4541269	AW50/25	➡	2941678	IPB50-WEL-25	
4541270	AW63/16	➡	2941679	IPB63-WEL-16	
4540846	AW63/20	➡	2941680	IPB63-WEL-20	
4540847	AW63/25	➡	2941681	IPB63-WEL-25	
4540849	AW63/32	➡	2941682	IPB63-WEL-32	
4540850	AW80/40	➡	2941683	IPB80-WEL-40	
AW (inch) Phase Out		➡	IPB-WEL - Side Lock (inch) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541271	AW50-1/4	➡	2941684	IPB50-WEL-1/4	
4541272	AW50-3/8	➡	2941685	IPB50-WEL-3/8	
4541273	AW50-1/2	➡	2941686	IPB50-WEL-1/2	
4541274	AW50-5/8	➡	2941687	IPB50-WEL-5/8	
4541275	AW50-3/4	➡	2941688	IPB50-WEL-3/4	
4541276	AW63-1/2	➡	2941689	IPB63-WEL-1/2	
4541278	AW63-3/4	➡	2941690	IPB63-WEL-3/4	
4541277	AW63-5/8	➡	2941691	IPB63-WEL-5/8	
4541279	AW63-1	➡	2941692	IPB63-WEL-1	
4541280	AW63-1 1/4	➡	2941693	IPB63-WEL-1-1/4	
4541281	AW80-1 1/2	➡	2941694	IPB80-WEL-1-1/2	
4541282	AW80-2	➡	2941695	IPB80-WEL-2	

Accessories (continued) • ER Collet

OLD / NEW ITEM NUMBERS

ER DIN 6499 Phase Out		➡	IPB-ER Collet Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541258	PE16/ER11M	➡	2941696	ER16.ER11M	
4541259	PE20/ER16M	➡	2941697	ER20.ER16M	
4541261	PE32/ER25M	➡	2941698	ER32.ER25M	
4541262	PE40/ER25	➡	2941699	ER40.ER25	
4540841	PE50/ER25	➡	2941700	ER50.ER25	
4540842	PE50/ER32	➡	2941701	ER50.ER32	
4541263	PE63/ER32	➡	2941702	ER63.ER32	

Accessories (continued) • Expanding Pins

OLD / NEW ITEM NUMBERS

MHD Expanding Pins Phase Out		➡	IPB-Expanding Pin Coupling Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
7040883	MHD16	➡	2941884	IPB-16	
7040884	MHD20	➡	2941885	IPB-20	
7040885	MHD25	➡	2941886	IPB-25	
7040886	MHD32	➡	2941887	IPB-32	
7040887	MHD40	➡	2941888	IPB-40	
7040889	MHD50	➡	2941889	IPB-50	
7040890	MHD63-80	➡	2941890	IPB-60-80	
7040888	MHD50 (RD50/...&TR HEADS)	➡	2941891	IPB50 (RT/AFH/DFH50)	

Accessories (continued) • Face Mill Drivers

OLD / NEW ITEM NUMBERS

PF (metric) Phase Out		➡	IPB-FD (metric) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4507486	PF40/16	➡	2941703	IPB40-FD-16	
4541283	PF40/22	➡	2941704	IPB40-FD-22	
4541284	PF50/16	➡	2941705	IPB50-FD-16	
4540851	PF50/22	➡	2941706	IPB50-FD-22	
4540852	PF50/27	➡	2941707	IPB50-FD-27	
4541285	PF50/32	➡	2941708	IPB50-FD-32	
3240976	PF63/22	➡	2941709	IPB63-FD-22	
4541286	PF63/27	➡	2941710	IPB63-FD-27	
4540853	PF63/32	➡	2941711	IPB63-FD-32	
4541287	PF80/32	➡	2941712	IPB80-FD-32	
4540854	PF80/40	➡	2941713	IPB80-FD-40	
4543416	PF80/50	➡	2941714	IPB80-FD-50	
4541512	PF80/60	➡	2941715	IPB80-FD-60	
PF (inch) Phase Out		➡	IPB-FD (inch) Phase In		
Item Number	ISO Part Number		Item Number	ISO Part Number	
4541288	PF50-3/4	➡	2941716	IPB50-FD-3/4	
4541289	PF50-1	➡	2941717	IPB50-FD-1	
4541291	PF63-1	➡	2941718	IPB63-FD-1	
4541292	PF63-1 1/4	➡	2941719	IPB63-FD-1-1/4	
4541293	PF80-1 1/2	➡	2941720	IPB80-FD-1-1/2	
4541294	PF80-2	➡	2941721	IPB80-FD-2	