

Certified Inserts for Aerospace Hydraulic Systems

The Aerospace Industry is known for the high level of accuracy required in its manufacturing processes. Vargus Certified Inserts are manufactured to meet the strict requirements of BACD2086 and BMF5163 hydraulic systems specifications. Vargus Certified Inserts produce a 0.072p – 0.096p controlled root radius on the internal thread.

- Meets BACD2086 & BMF5163 specifications for modified root radius internal AS 8879 UNJ threads
- Certificate of Compliance - 100% inspection guarantee
- Standard off-the-shelf availability
- VRX- premium grade for increased wear resistance & improved productivity

Modified Root Radius for Internal AS 8879 UNJ Threads

tpi	Internal Thread UNJC 3B							
	Major Diameter MODIFIED (inch)		Pitch Diameter (inch)		Minor Diameter (inch)		Root Radius MODIFIED (inch)	
	Min	Max	Min	Max	Min	Max	Min	Max
40	0.1257	0.1294	0.1088	0.1113	0.1007	0.1072	0.0018	0.0024
32	0.1648	0.1692	0.1437	0.1465	0.1336	0.1417	0.0022	0.0030
24	0.1910	0.1962	0.1629	0.1661	0.1494	0.1600	0.0030	0.0040
20	0.2512	0.2572	0.2175	0.2211	0.2013	0.2121	0.0036	0.0048
18	0.3139	0.3204	0.2764	0.2803	0.2584	0.2690	0.0040	0.0053
16	0.3765	0.3837	0.3344	0.3386	0.3141	0.3250	0.0045	0.0060
14	0.4392	0.4474	0.3911	0.3957	0.3679	0.3794	0.0051	0.0069
13	0.5018	0.5104	0.4500	0.4548	0.4251	0.4368	0.0055	0.0074
12	0.5646	0.5737	0.5084	0.5135	0.4814	0.4914	0.0060	0.0080
11	0.6273	0.6371	0.5660	0.5714	0.5365	0.5474	0.0065	0.0087
10	0.7524	0.7629	0.6850	0.6907	0.6526	0.6646	0.0072	0.0096
8	1.0031	1.0157	0.9188	0.9254	0.8783	0.8933	0.0090	0.0120

Item #	Description
033-06122	2IR18UNJPART VRX 265/266
033-06304	2IR16UNJPART VRX265/287
033-06308	2IR14UNJPART VRX265/288
033-06307	2IR13UNJPART VRX265/289
033-06306	2IR12UNJPARTVRX265/290
033-06305	2IR11UNJPART VRX265/291
033-06046	3IR32UNJ PARTVRX265/242
033-06047	3IR24UNJ PART.VRX 265/243
033-06048	3IR18UNJPART.VRX265/245
033-06049	3IR16UNJ PART.VRX 265/246
033-06050	3IR14UNJ PART.VRX265/247
033-06051	3IR13UNJ PART.VRX265/248
033-06052	3IR12UNJPART.VRX 265/249
033-06053	3IR11UNJ PART.VRX265/250
033-06054	3IR10UNJ PART.VRX265/251
033-06055	3IR8UNJ PART.VRX 265/252

Packaging and Ordering

VRX inserts are sold in sets of 10.
Double-insert boxes snap-off for simple customer handling.



S A M P L E C E R T I F I C A T E

CERTIFICATE of Analysis

We declare that our products are manufactured under the supervision of standard ISO 9001:2008.

The following products were inspected according to Vargus drawings and completely within our quality requirement.

Part Name	Part #	Job #	Qty
3IR12UNJPART.VRX265/249	033-06052	1001377869	17

Size	Specification	Measured
Radius	R0.162÷R0.192	R0.181÷R0.192

Eliran Eltahan
Vargus Quality Assurance Manager



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Thread Turning Software

VARGUS GENius™ is updated with the new VRX grade inserts.



VARGUS | Tool Selector and CNC
GENius™ | Program Generator



APP

Introducing the NEW
VARGUS GENius™ APP **NEW**



Also available at www.vargus.com

