

Evacuable KBr & Briquetting Pellet Dies – International Crystal Laboratories



Hardened aerospace grade stainless steel is used to produce all of ICL's die sets. The 3mm to 16mm dies are used primarily for KBr pellets for transmission analysis by IR spectroscopy, while the larger dies are most commonly used for producing briquettes for XRF spectroscopy. The 13mm Macro-Micro die is chosen by most spectroscopists for KBr pellets, and it is available with paper inserts with a variety of small apertures (1.5, 3, 5, & 11mm) that enable the user to make micro-pellets with a 13mm die set and also provide a useful frame for mounting and storing the pellets.

Item	Item Name	Height	Plunger Height	Single Anvil Height	Base Diameter	Vaccum Tube
<u>0012-6646</u>	3mm KBr Die Set	1.5 Inch 38.1 mm	N/A	N/A	1.12 Inch 28.5 mm	0.25 Inch 6.35 mm
<u>0012-6647</u>	5mm KBr Die Set	2.75 Inch 70 mm	1.37 Inch 34.8 mm	0.25 Inch 6.35 mm	1.97 Inch 50 mm	0.25 Inch 6.35 mm
<u>0012-7669</u>	Replacement SS Anvils, 5mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6648</u>	10mm KBr Die Set	2.75 Inch 70 mm	1.37 Inch 34.8 mm	0.25 Inch 6.35 mm	1.97 Inch 50 mm	0.25 Inch 6.35 mm
<u>0012-7670</u>	Replacement SS Anvils, 10mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-8078</u>	Tungsten Carbide Anvils, 10mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-2477</u>	13mm KBr Die Set	2.83 Inch 72 mm	1.37 Inch 34.8 mm	0.25 Inch 6.35 mm	2 Inch 50.8 mm	0.25 Inch 6.35 mm
<u>0012-4509</u>	Replacement SS Anvil, 13mm, pk/2	N/A	N/A	N/A	N/A	N/A



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<u>0012-5113</u>	Tungsten Carbide Anvils, 13mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6649</u>	16mm KBr Die Set With 2 SS Anvils	2.75 Inch70 mm	1.37 Inch34.8 mm	0.25 Inch6.35 mm	1.97 Inch50 mm	0.25 Inch6.35 mm
<u>0012-6650</u>	Replacement SS Anvils, 16mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6651</u>	Tungsten Carbide Anvils, 16mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-8777</u>	19mm KBr Die Set With 2 SS Anvils	2.85 Inch72 mm	1.33 Inch33.8 mm	.27 Inch6.85 mm	1.97 Inch50 mm	0.25 Inch6.35 mm
<u>0012-8779</u>	Replacement SS Anvils, 19mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-5223</u>	20mm Die Set With 2 SS Anvils	4.265 Inch108.3 mm	2.24 Inch57 mm	0.375 Inch9.5 mm	3.54 Inch90 mm	0.25 Inch6.35 mm
<u>0012-6652</u>	Replacement SS Anvils, 20mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6907</u>	Tungsten Carbide Anvils, 20mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6653</u>	25mm Die Set With 2 SS Anvils	4.75 Inch120.7 mm	2.24 Inch57 mm	0.375 Inch9.5 mm	3.54 Inch90 mm	0.25 Inch6.35 mm



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<u>0012-6654</u>	Replacement SS Anvils, 25mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6655</u>	Tungsten Carbide Anvils, 25mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6633</u>	32mm Die Set With 2 SS Anvils	4.75 Inch120.7 mm	2.24 Inch57 mm	0.375 Inch9.5 mm	3.54 Inch90 mm	0.25 Inch6.35 mm
<u>0012-6656</u>	Replacement SS Anvils, 32mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6657</u>	Tungsten Carbide Anvils, 32mm, pk/2	N/A	N/A	N/A	N/A	N/A
<u>0012-6634</u>	35mm Die Set With 2 SS Anvils	4.75 Inch120.7 mm	2.24 Inch57 mm	0.375 Inch9.5 mm	3.54 Inch90 mm	0.25 Inch6.35 mm
<u>0012-6658</u>	Replacement SS Anvils, 35mm, pk/2	N/A	N/A	N/A	N/A	N/A

