



34-... Punch dies



Application

Punch dies serve for cutting specimens out of plastics and elastomers

Features

Coesfeld specimen punch dies are manufactured from homogenous, solid, high carbon content A2 tool steel. Each one undergoes multi-axis precision grinding and conventional, plunge or wire EDM (Electrical Discharge Machining) process. Precision grinding and EDM processes ensure true parallelism and multi-plane dimensional accuracy. The quality of materials, design, and engineering serve to provide the highest possible specimen quality over an extended service life. The sample ejectors are spring operated.

Technical Data

The punch dies by default are delivered as follows: punching die 28 mm height, complete with cover plate 12 mm, mounting spigot \varnothing 20 mm and spring ejector.
Customized punch dies are available on request.

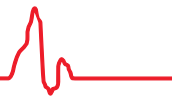
Standard	Item no.	Drawing
DIN EN ISO 527-2 Typ 1A <i>identically constructed:</i> EN ISO 3167 Typ A BS 2782-3 Fig.3	34-000	
DIN EN ISO 527-2 Typ 1A New dimensions 2012-06	34-000-006	

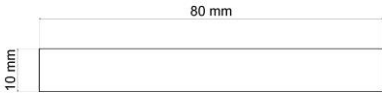
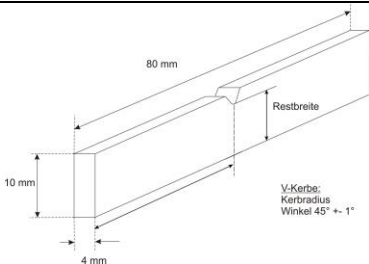


<p>DIN EN ISO 527-2 Typ 1B <i>identically constructed:</i> EN ISO 3167 Typ B ISO 6259 Typ 1 DIN 53455 Nr.3 BS 2782-3 Fig.2 GOST 11 262 – 80 Typ 2</p>	<p>34-001</p>	
<p>DIN EN ISO 527-2 Typ 1BA</p>	<p>34-002</p>	
<p>DIN EN ISO 527-2 Typ 1BB</p>	<p>34-003</p>	
<p>DIN EN ISO 527-2 Typ 5A <i>identically constructed:</i> DIN 53504 Typ S2 ISO 37 Typ 2</p>	<p>34-004</p>	
<p>DIN EN ISO 527-2 Typ 5B <i>identically constructed:</i> DIN 53504 Typ S3 ISO 37 Typ 4</p>	<p>34-005</p>	
<p>DIN EN ISO 527-3 Typ 2</p>	<p>34-006</p>	
<p>DIN EN ISO 527-3 Typ 4</p>	<p>34-007</p>	
<p>DIN EN ISO 527-3 Typ 5 <i>identically constructed:</i> ISO 6259 Typ 2 ISO 37-1 Typ 1 DIN 53504 Typ S1 DIN 53455 Nr.4 BS 2782-3 Fig.1 GOST 11 262 – 80 Typ 1 ASTM D 412 Die C ISO/DIS 3604, Figure 1</p>	<p>34-008</p>	
<p>DIN ISO 34-1 Bild 1 Method A (Streifenprobe/ Trouser Test piece) <i>identically constructed:</i> DIN 53507 ISO 8067 Method A</p>	<p>34-020</p>	
<p>DIN ISO 34-1 Bild 2 Method B, Verfahren a (Angle test specimen, without Slit) <i>identically constructed:</i> ISO 8067 Method B</p>	<p>34-021</p>	
<p>DIN ISO 34-1 Bild 2 Method B, Verfahren b (Angle test specimen, with Slit) <i>identically constructed:</i> DIN 53515 (Graves-Probe)</p>	<p>34-022</p>	<p>Key 1 location of risk for method B, procedure (b)</p> <p>Figure 2 — Angle test piece die</p>



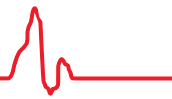
DIN ISO 34-1 Bild 3 (arc-shaped specimen, with 1 mm Slit, Crescent Test Piece)	34-023	
DIN ISO 34-1 Bild 3 (arc-shaped specimen, without Slit)	34-023-100	
DIN ISO 34-2 (Delft specimen with Slit) <i>identically constructed:</i> ISO 816	34-024	
DIN ISO 34-2 <u>Only for Slit</u> Delft specimen	34-024-002	
DIN ISO 34-2 (Delft specimen with Slit) <i>identically constructed:</i> ISO 816	34-024-003	
DIN EN ISO 1798 Typ 1 <i>identically constructed:</i> DIN 53571 Typ A GMI 60283, Part 2, Type S2	34-030	
DIN EN ISO 1798 Typ 1A	34-031	
ISO/DIS 3604, Figure 2	34-032	
DIN EN ISO 8256 Type 5	34-033	
ISO 37 Typ 3 <i>identically constructed:</i> DIN 53504 Typ S3A	34-050	
ASTM D 638 , Typ 1	34-100	
ASTM D 638 , Typ IV	34-101	
ASTM D 2209-10 (Tensile Strength Leather)	34-102	



ASTM D 624, Die B (arc-shaped specimen, with 0,5 mm Slit, Crescent Test Piece)	34-103	
JIS K6251-2 / JIS 6301-2	34-140	
GOST 270 Type II	34-150	
GOST 262-93	34-160	
DIN EN ISO 75 ISO 178, ISO 180 Rectangular form, L X W: 80 x 10 mm	34-200	
Rectangular form, L X W: 100 x 25 mm	34-201	
Rectangular form, L X W: 300 x 50 mm	34-202	
Rectangular form, L X W: 150 x 10 mm	34-203	
Rectangular form, L X W: 210 x 148 mm	34-204	
Rectangular form, L X W: 40 x 40 mm	34-205	
Rectangular form, L X W: 50 x 50 mm	34-206	
Rectangular form, L X W: 100 x 100 mm	34-207	
DIN EN ISO 179 Rectangular form, L X W: 80 x 10 mm, Kerbe A <i>identically constructed:</i> DIN EN ISO 180	34-208	
Rectangular form, L X W: 50 x 20 mm	34-209	
Rectangular form, L X W: 150 x 25,4 mm	34-210	
Rectangular form, L X W: 150 x 15 mm	34-211	
Rectangular form, L X W: 125 x 13 mm UL 94 IEC/DIN EN 60695-11-10 CSA C 22.2	34-212	



Rectangular form, L X W: 100 x 5 mm	34-213	
Rectangular form, L X W: 140 x 10 mm	34-214	
Rectangular form, L X W: 30 x 10 mm	34-215	
Rectangular form, L X W: 50 x 6 mm	34-216	
Rectangular form, L X W: 150 x 20 mm	34-217	
Rectangular form, Trouser Specimen L X W: 100 x 50 mm with Slit 50 mm	34-218	
Square form, L X W: 30 x 30 mm	34-219	
Rectangular form, L X W: 80 x 6 mm	34-220	
Rectangular form, L X W: 100 x 10 mm	34-221	
Rectangular form, Trouser specimen L X W: 150 x 20 mm with Slit 50 mm	34-237	
Round form Ø 40 mm	34-250	
DIN EN ISO 815, Form A Round form Ø 29 mm <i>identically constructed:</i> DIN 53517 , Specimen II	34-251	
DIN EN ISO 815, Form B Round form Ø 13 mm <i>identically constructed:</i> DIN 53517 , Specimen I	34-252	
ASTM D 792 - Density of plastics Round form Ø 30 mm (sample thickness: > 1,5 mm)	34-253	
Round form Ø 50 mm	34-254	
Round form Ø 16 mm	34-255	
Round form Ø 26 mm	34-256	
Round form	34-266	



Ø 16.2 mm		
Round form Ø 38 mm	34-267	
Round form Ø 36.6 mm	34-268	
Round form Ø 33.86 mm, 28 mm hoch	34-269	
Round form Ø 112.86 mm, 28 mm hoch	34-270	
Round form Ø 16 mm	34-271	
ISO 812 Typ B (Low temperature brittleness) <i>identically constructed:</i> BS ISO 812	34-500	