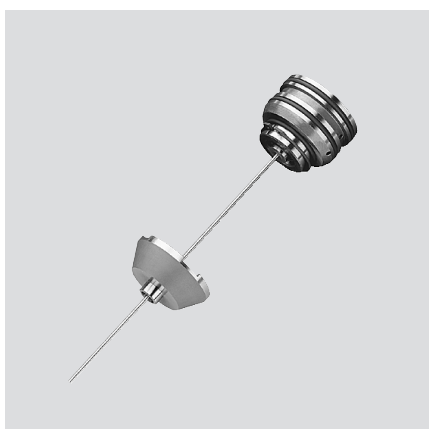


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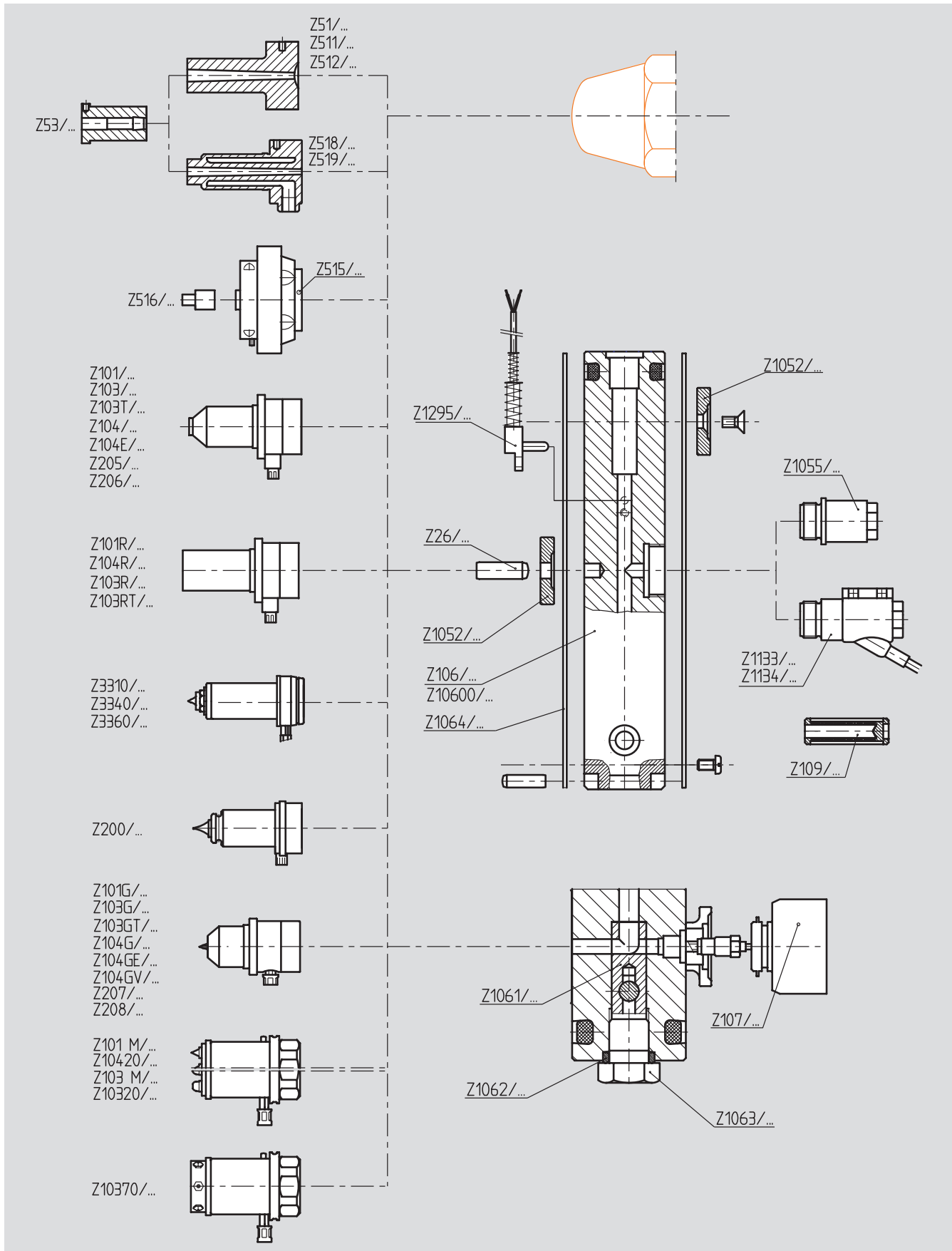
Gating, Hot runner technology



Sprue bushings, Heated nozzles, Shut-of nozzles, Needle valves, Hot runner manifold blocks and accessory

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Gating, Hot runner technology



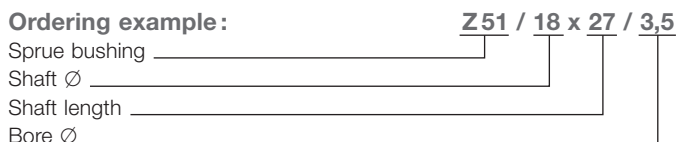
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Gating, Hot runner technology

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Ordering example:



	Z50/... Sprue bushing, blank Mat.: 1.2826/ 740 N/mm ²	3.2		Z101/...* Heated nozzle with built-in thermo-couple for processing of thermo-plastics	3.12		Z104 GE/...* Heated nozzle , special designed material channel avoids flow orientation and shearing des. similar to Z104/...	3.21
	Z51/...* Sprue bushing 1° 30' taper per side Mat.: 1.2826/ 55 ± 2 HRC ≈ DIN 16752	3.2		Z103/...* Heated nozzle for gating onto sub-runner, also suitable for Z107/..., design similar to Z101/...	3.13		Z104 GV/...* Heated nozzle point gating without circular marking, design similar to Z104 G/...	3.22
	Z511/...* Sprue bushing 1° taper per side Mat.: 1.2826/ 55 ± 2 HRC ≈ DIN 16752	3.4		Z103 T/...* Heated nozzle for special applications (e.g. reinforced resin) design similar to Z103/...	3.14		Z103 G/...* Heated nozzle for pin point gating without circular marking, also suitable for Z107/... des. similar to Z103/...	3.23
	Z512/...* Sprue bushing 0,5° taper per side Mat.: 1.2826/ 55 ± 2 HRC ≈ DIN 16752	3.6		Z104/...* Heated nozzle for special applications (e.g. reinforced resin) design similar to Z101/...	3.15		Z103 GT/...* Heated nozzle for special applications (e.g: reinforced resin) also suitable f. Z107/... des. sim. to Z103 G/...	3.24
	Z515/...* Pneumatic-nozzle sprue tears-off automatically during moulding process	3.8		Z104 E/...* Heated nozzle tiny pin point marking due to specially designed material channel	3.16		Z200/...* Heated nozzle for pin-point gating without circular marking	3.25
	Z516/...* Nozzle insert Mat.: 1.2343/ 52 + 2 HRC used for Z515/...	3.9		Z205/...* (Z102) Heated nozzle tall design for gating on deep-seated cavity contours	3.17		Z207/...* Heated nozzle tall design for pin-point gating without circular marking	3.26
	Z518/...* Thermoset-sprue bushing , integr. cooling Mat.: 1.2363/54 + 2 HRC for thermo-plastics and thermoset material	3.9		Z206/...* Heated nozzle single probe tall design for gating onto subrunner	3.18		Z208/...* Heated nozzle tall design for pin-point gating without circular marking	3.27
	Z519/...* Thermoset-sprue bushing , integr. cooling Mat.: 1.2363/54 + 2 HRC for thermoset material	3.10		Z101G/...* Heated nozzle for pin-point gating without circular marking, design similar to Z101/...	3.19		Z101R/...* Heated nozzle nozzle tip can be shaped as required design similar to Z101/...	3.28
	Z53/...* Sprue puller insert Mat.: 1.2826/ 56 + 2 HRC ≈ DIN 16752	3.10		Z104 G/...* Heated nozzle for pin-point gating without circular marking, design similar to Z104/...	3.20		Z104 R/...* Heated nozzle nozzle tip can be shaped as required design similar to Z104/...	3.29

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* = For technical details please refer to HRC-section

** = Product to be phased out













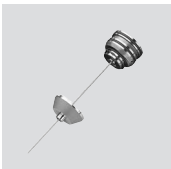











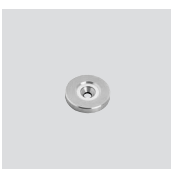


	Z 103 R/...* 3.30 Heated nozzle nozzle tip can be shaped as required, design similar to Z 103/...		Z 101 M/4/...* 3.36 Heated nozzle multiple probe for pin-point gating without circular marking 4-fold probe		Z 3360/...* 3.43 Universal nozzle ■ with special tip Mat.: 1.2343 230 V~
	Z 103 RT/...* 3.31 Heated nozzle nozzle tip can be shaped as required, design similar to Z 103 T/...		Z 103 M/2/...* 3.37 Heated nozzle multiple probe for pin-point gating without circular marking 2-fold probe		Z 10420/2/...* 3.44 Heated nozzle, multiple probe, straight 2-fold probe
	Z 1011/...* 3.32 Inner part of nozzle spare part for Z 101/...; Z 101G/...; Z 101R/...		Z 103 M/4/...* 3.38 Heated nozzle multiple probe for pin-point gating without circular marking 4-fold probe		Z 10420/4/...* 3.45 Heated nozzle, multiple probe, straight 4-fold probe
	Z 1041/...* 3.32 Inner part of nozzle spare part for Z 104/...; Z 104G/...; Z 104R/...		Z 1011 M/2/...* 3.39 Inner part of nozzle spare part for Z 101 M/2/...		Z 10420/6/...* 3.46 Heated nozzle, multiple probe, straight 6-fold probe
	Z 1041 E/...* 3.33 Inner part of nozzle spare part for Z 104 GE/...		Z 1011 M/4/...* 3.39 Inner part of nozzle spare part for Z 101 M/4/...		Z 10320/2/...* 3.47 Heated nozzle, multiple probe, straight 2-fold probe
	Z 1041 V/...* 3.33 Inner part of nozzle spare part for Z 104 GV/...		Z 1031 M/2/...* 3.40 Inner part of nozzle spare part for Z 103 M/2/...		Z 10320/4/...* 3.48 Heated nozzle, multiple probe, straight 4-fold probe
	Z 1031/...* 3.34 Inner part of nozzle spare part for Z 103/...; Z 103G/...; Z 103R/...		Z 1031 M/4/...* 3.40 Inner part of nozzle spare part for Z 101 M/4/...		Z 10320/6/...* 3.49 Heated nozzle, multiple probe, straight 6-fold probe
	Z 1031 T/...* 3.34 Inner part of nozzle spare part for Z 103 T/...; Z 103 GT/...; Z 103 RT/...		Z 3310/...* 3.41 Universal nozzle ■ with standard tip Mat.: 1.2343 230 V~		Z 10370/2/...* 3.50 Heated nozzle, multiple probe, side gating 2-fold probe
	Z 101 M/2/...* 3.35 Heated nozzle multiple probe for pin-point gating without circular marking 2-fold probe		Z 3340/...* 3.42 Universal nozzle ■ with open tip Mat.: 1.2343 230 V~		Z 10370/4/...* 3.51 Heated nozzle, multiple probe, side gating 4-fold probe

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■ New product

	Z 10370/6/...* 3.52 Heated nozzle , multiple probe, side gating 6-fold probe		Z 1052/4/... 3.57 Distance disc Mat.: 3.7165 for supporting of Z 106/...; Z 10600/...		Z 106/4/...* 3.109 Hot-runner manifold block round shape Mat.: 1.2312/1080 N/mm ²
	Z 1001/...* 3.53 Valve needle Mat.: 1.3343/ 62 ± 2 HRC spare part for Z 107/...		Z 1055/1/...* 3.58 Angießbuchse Mat.: 1.2343/52 + 2 HRC provides linkage betw. machine nozzle and Z 106/...; Z 10600/...		Z 1061/...* 3.110 Turn plug Mat.: 1.2312/1080 N/mm ² used for Z 106/...; Z 10600/...
	Z 107/1/...* 3.54 Pneumatic needle valve for hot-runner manifold block Z 106/... and Z 10600/...		Z 1055/2/...* 3.58 Sprue bushing Mat.: 1.2343/52 + 2 HRC provides linkage betw. machine nozzle and Z 106/...; Z 10600/...		Z 1062/...* 3.110 Sealing washer Mat.: 1.4571 used for Z 106/...; Z 10600/...
	Z 1072/...* 3.54 Needle guide sleeve Mat.: 1.2343/ 1470 N/mm ² spare part for Z 107/1/...		Z 1055/3/...* 3.59 Sprue bushing Mat.: 1.2343/52 + 2 HRC for mounting with Z 109/..., application same as Z 1055/1...		Z 1063/...* 3.111 Hexagon head screw Mat.: 1.2312/1080 N/mm ² used for Z 106/...; Z 10600/...
	Z 107/2/...* 3.55 Pneumatic needle valve for hot-runner manifold block Z 106/...; Z 10600/... and Z 3340/40/...		Z 1055/4/...* 3.59 Sprue bushing Mat.: 1.2343/52 + 2 HRC for mounting with Z 109/..., application same as Z 1055/1...		Z 1064/1/...* 3.112 Reflector sheet Mat.: 3.3535 used for Z 106/1; Z 10600/...
	Z 1073/...* 3.55 Needle guide sleeve ■ Mat.: 1.2343/ 1400–1500 N/mm ² spare part f. Z 107/2/...		Z 106/1/...* 3.66 Hot-runner manifold block straight bar Mat.: 1.2312/1080 N/mm ² Connectors 90°		Z 1064/2/...* 3.113 Reflector sheet Mat.: 3.3535 used for Z 106/2
	Z 1076/...* 3.56 Distance ring Mat.: 1.2767/52 ± 2 HRC for mount. of Z 107/... together with manifold Z 106/...; Z 10600/...		Z 10600/1/...* 3.62 Hot-runner manifold block straight bar Mat.: 1.2312/1080 N/mm ² Connectors 180°		Z 1064/3/...* 3.114 Reflector sheet Mat.: 3.3535 used for Z 106/3
	Z 1015/... 3.56 Metal-O-Ring Mat.: 1.4541 for sealing of gating systems		Z 106/2/...* 3.82 Hot-runner manifold block H-shape Mat.: 1.2312/1080 N/mm ²		Z 1067/... 3.115 Accessory kit used for Z 106/...; Z 10600/...
	Z 1052/3/... 3.57 Distance disc Mat.: 3.7165 for supporting of Z 106/...; Z 10600/...		Z 106/3/...* 3.98 Hot-runner manifold block cross-shape Mat.: 1.2312/1080 N/mm ²		Z 109/...* 3.118 Filter cartridge Mat.: 1.2344/ 49 + 1 HRC for processing of thermo-plastics

* = For technical details please refer to HRC-section

** = Product to be phased out

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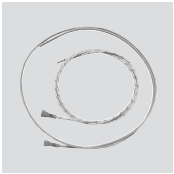
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Z 1095 /...* **3.118**

Filter cartridge

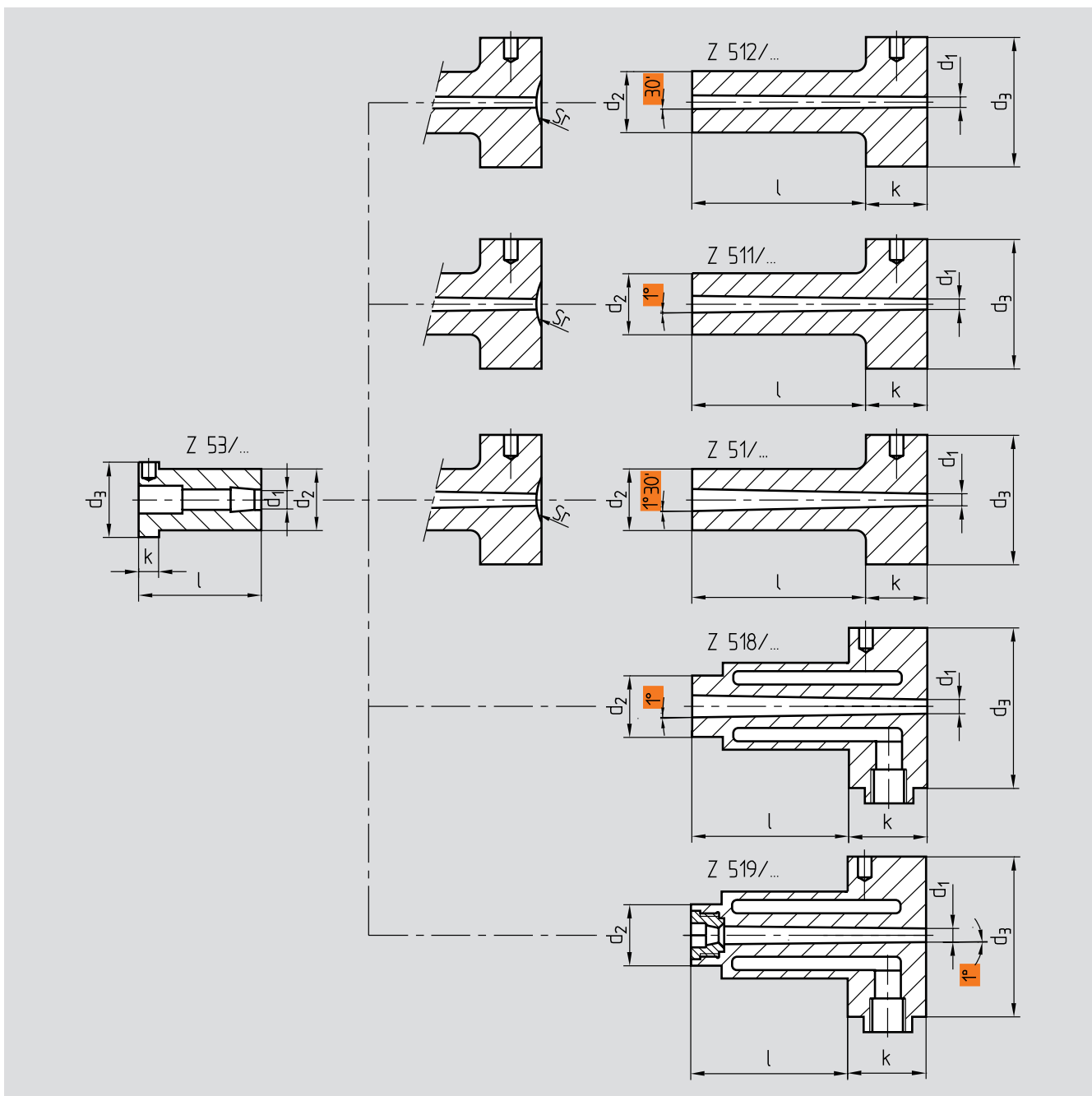
Mat.: 1.2344/42 HRC
for processing of
thermo-plastics



Z 1164 /... **3.119**

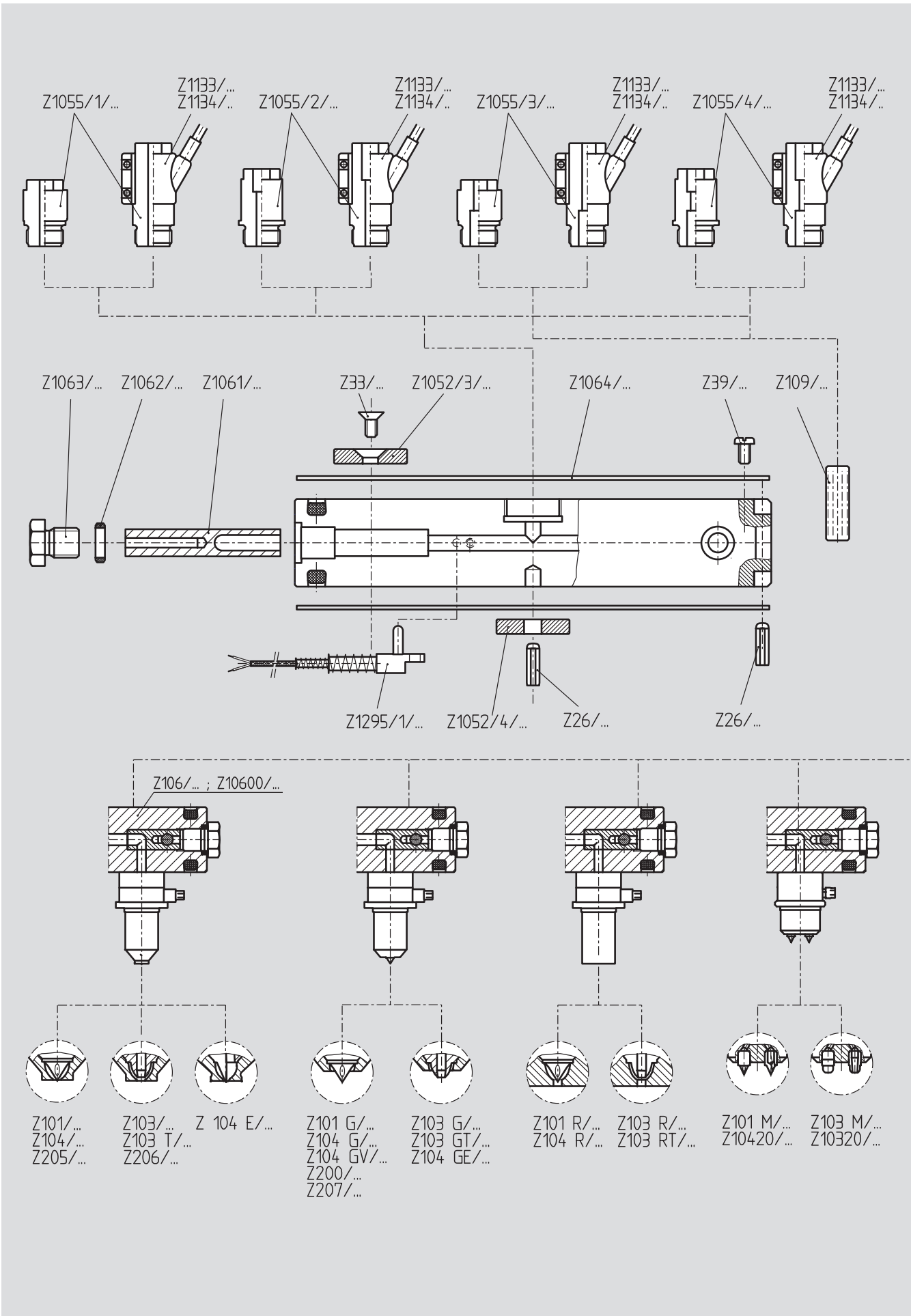
Extension cable

used for Z 1067 /...



Nr./No.	d ₂	l										d ₁	S _r		d ₃	k
		22	27	36	46	56	66	76	86	96	116		15,5	40		
Z51/...	18											3,5			38	18
	24											4,5			48	23
												6,5				
Z511/...	12											2,5			28	13
	18											3,5			38	18
Z512/...	12											2,5; 3,5			28	13
	18											3; 4			38	18
Z518/...	18											4			45	23
	24											5,5			56	32
Z519/...	24											5,5			56	32
Z53/...	12											4			16	6
	18											6			22	
	24											8			28	

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