



Technical sheet

No.	31AA11E
Issue	V01.1

Product family:	Hydraulic equipment - Dies
Item code:	182550, 182570, 182595, 182512, 182515, 182310, 182010, 182016, 182316, 182025, 182325, 182035, 182335, 182435, 182450, 182015, 182495, 182018, 182024, 182110, 182116, 182125, 182135, 182150, 182170, 182195, 182210, 182225, 182235, 182650, 182670, 182695, 182612, 182615
Description:	DIES SERIES 82



Specifications	
MATERIAL:	steel + heat treatment
SURFACE FINISH:	burnished
SERIES:	82
COMPATIBILITY:	<ul style="list-style-type: none"><li>• BM 582 (mechanical crimping tool up to 150 mm² for uninsulated terminal, and up to 120 mm² for DIN terminals)</li><li>• BM 200/200PA (hydraulic manual multi-head crimping tool)</li><li>• BM 182/182P/1823/1824 (hydraulic manual crimping tool)</li></ul>

Code	Crimping type	ID	Terminal type	Conductor material	Section (mm²)	Section (AWG)
182550			prerounding	copper and aluminium	50	(1/0)
182570			prerounding	copper and aluminium	70	(2/0)
182595			prerounding	copper and aluminium	95	(3/0)
182512			prerounding	copper and aluminium	120	(4/0)
182515			prerounding	copper and aluminium	150	(300)
182310	hexagonal	6 20	for uninsulated DIN 46235, 46234, 46267/1 terminals for uninsulated DIN 46235, 46234, 46267/1 terminals	copper copper	10 120	(8) (4/0)
182010	hexagonal	7 7 18 18	for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals	copper copper copper copper	10 10 120 95	(8) (8) (4/0) (3/0)
182016	hexagonal	7.5 7.5 16 16	for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals for class 1, 2, 5 uninsulated terminals for uninsulated terminals medium voltage (M.V.)	copper copper copper copper	16 16 95 70	(6) (6) (3/0) (2/0)
182316	hexagonal	8 18	for uninsulated DIN 46235, 46234, 46267/1 terminals for uninsulated DIN 46235, 46234, 46267/1 terminals	copper copper	16 95	(6) (3/0)
182025	hexagonal	9 9 14 14	for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals	copper copper copper copper	25 25 70 70	(4) (4) (2/0) (2/0)
182325	hexagonal	10 10 16	for uninsulated DIN 46235, 46234, 46267/1 terminals for uninsulated terminals medium voltage (M.V.) for uninsulated DIN 46235, 46234, 46267/1 terminals	copper copper copper	25 25 70	(4) (4) (2/0)
182035	hexagonal	11 11 12 12 12	for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals for class 1, 2, 5 uninsulated terminals for uninsulated terminals medium voltage (M.V.) for terminal lug and joint in aluminum, bimetallic uninsulated DIN 48201	copper copper copper copper aluminium	35 35 50 35 ÷ 50 16 ÷ 25	(2) (2) (1/0) (2-1/0) (6-4)
182335	hexagonal	12 14	for uninsulated DIN 46235, 46234, 46267/1 terminals for uninsulated DIN 46235, 46234, 46267/1 terminals	copper copper	35 50	(2) (1/0)
182435	hexagonal	13 13	for class 6 uninsulated terminals for terminal lug and joint in aluminum, bimetallic uninsulated DIN 48201	copper aluminium	50 35	(1/0) (2)
182450	hexagonal	15 15	for bimetallic uninsulated terminals for terminal lug and joint in aluminum, bimetallic uninsulated DIN 48201	aluminium aluminium	16 ÷ 25 50	(6-4) (1/0)
182015	hexagonal	20 20 20 20 20	for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals for uninsulated terminals medium voltage (M.V.) for bimetallic uninsulated terminals for terminal lug and joint in aluminum, bimetallic uninsulated DIN 48201	copper copper copper aluminium aluminium	150 120 95 35 ÷ 95 70	(300) (4/0) (3/0) (2-3/0) (2/0)
182495	hexagonal	21	for terminal lug and joint in aluminum, bimetallic uninsulated DIN 48201	aluminium	95	(3/0)
182018	hexagonal	22 22 22 22 22	for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals for uninsulated DIN 46235, 46234, 46267/1 terminals for uninsulated terminals medium voltage (M.V.) for terminal lug and joint in aluminum, bimetallic uninsulated DIN 48201	copper copper copper copper aluminium	185 150 150 120 ÷ 150 120	(400) (300) (300) (4/0-300) (4/0)
182024	hexagonal	25 25 25 25 25	for class 1, 2, 5 uninsulated terminals for class 6 uninsulated terminals for uninsulated DIN 46235, 46234, 46267/1 terminals for bimetallic uninsulated terminals for terminal lug and joint in aluminum, bimetallic uninsulated DIN 48201	copper copper copper aluminium aluminium	240 185 185 120 ÷ 150 150	(500) (400) (400) (4/0-300) (300)
182110	radial containment		for insulated terminals	copper	10	(8)
182116	radial containment		for insulated terminals	copper	16	(6)
182125	radial containment		for insulated terminals	copper	25	(4)
182135	radial containment		for insulated terminals	copper	35	(2)
182150	radial containment		for insulated terminals	copper	50	(1/0)
182170	radial containment		for insulated terminals	copper	70	(2/0)
182195	radial containment		for insulated terminals	copper	95	(3/0)
182210	oval		for C shunts	copper	10	(8)
182225	oval		for C shunts	copper	16 ÷ 25	(6-4)
182235	oval		for C shunts	copper	35	(2)
182650	trapezoidal		for end-sleeve terminals	copper	50	(1/0)
182670	trapezoidal		for end-sleeve terminals	copper	70	(2/0)
182695	trapezoidal		for end-sleeve terminals	copper	95	(3/0)
182612	trapezoidal		for end-sleeve terminals	copper	120	(4/0)
182615	trapezoidal		for end-sleeve terminals	copper	150	(300)

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